

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.	5	Plan Layout
Section No.	6	Standard Detail Drawings

TOTAL SHEETS = 74

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

USH 18 - WOODMAN

(USH 18 - WOODMAN VILLAGE LIMITS)

STH 133

GRANT COUNTY

STATE PROJECT NUMBER
5589-01-73

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5589-01-73		

END PROJECT
STA. 525+00.00

EXCEPTION TO NET CENTERLINE LENGTH
STRUCTURE B-22-20
STA. 374+66.50 TO STA. 375+96.50

EXCEPTION TO NET CENTERLINE LENGTH
STRUCTURE B-22-210
STA. 222+72.05 TO STA. 223+31.23

EQUATION
STA. 219+04.49 BK. =
STA. 221+86.65 AH.

EQUATION
STA. 124+38.97 BK. =
STA. 121+50.00 AH.

BEGIN PROJECT
STA. 7+00
Y = 569,725.90
X = 777,873.64

DESIGN DESIGNATION

A.D.T.	(2009)	=	728
A.D.T.	(2029)	=	1033
D.H.V.	(2029)	=	117
D.D.		=	62/38
T.		=	3.9%
DESIGN SPEED		=	60
ESALS		=	65,700

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	CAUTION

MARSH AREA

WOODED OR SHRUB AREA

PROFILE

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

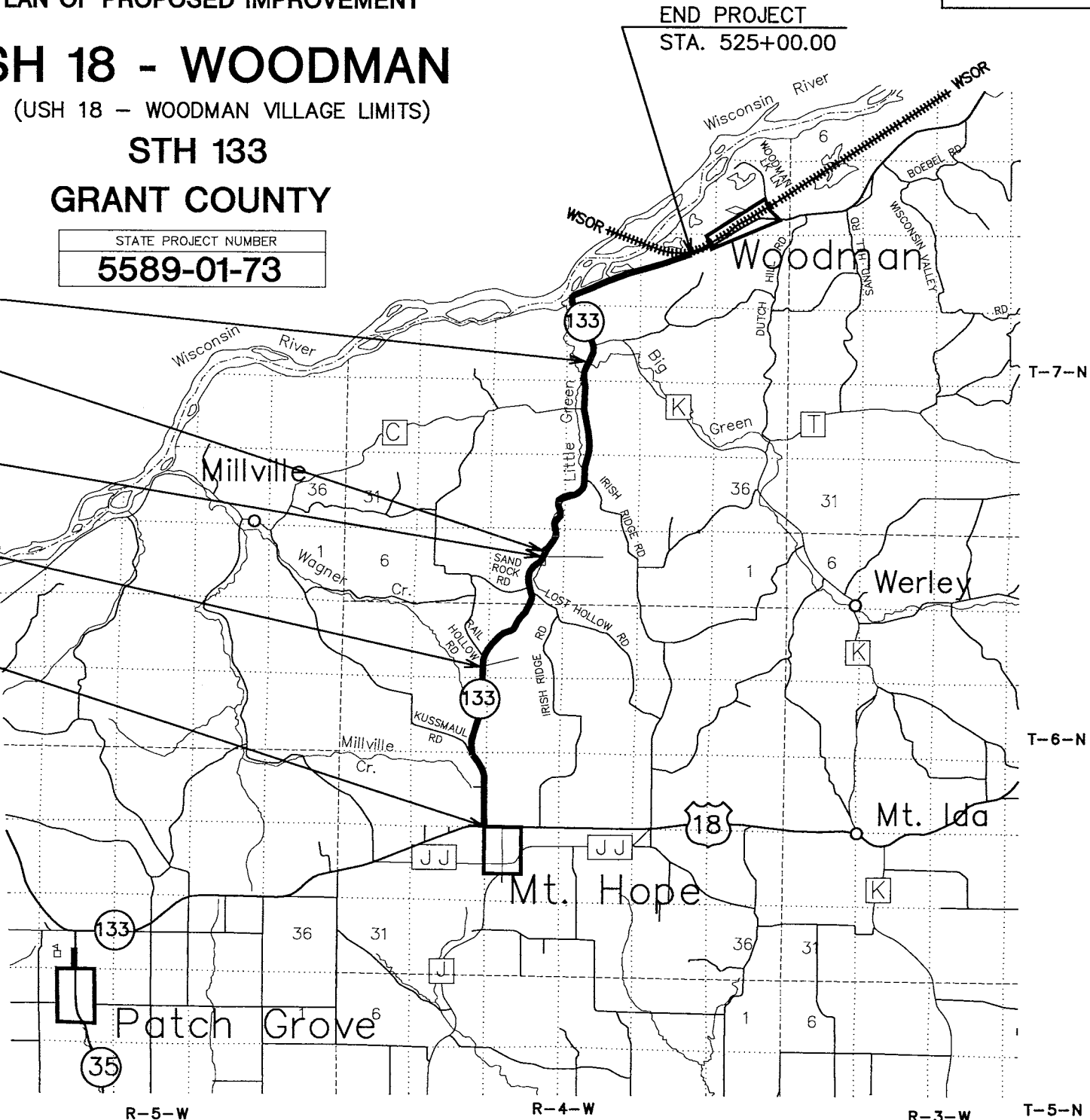
GRADE ELEVATION

CULVERT (Profile View)

UTILITIES

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

ROCK	----
LABEL	----
GRADE ELEVATION	99.36
CULVERT (Profile View)	----
UTILITIES	----
ELECTRIC	----
FIBER OPTIC	----
GAS	----
SANITARY SEWER	----
STORM SEWER	----
TELEPHONE	----
WATER	----
UTILITY PEDESTAL	----
POWER POLE	----
TELEPHONE POLE	----



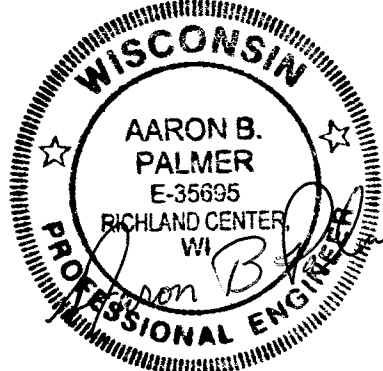
LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 9.776 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN
COUNTY COORDINATE SYSTEM (WCCS), GRANT COUNTY."

WESTBROOK
Associated Engineers, Inc.

619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SOUTHWEST REGION
Designer	WESTBROOK ASSOC. ENG.
Project Manager	TIM MAEDKE
District Examiner	
District Supervisor	
C.O. Examiner	Cyle Haag

APPROVED FOR DISTRICT OFFICE

DATE: 09-20-12 *Debra J. Winger*
(Signature)

GENERAL NOTES

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

WHEN THE QUANTITY OF THE ITEMS OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

DRIVEWAYS SHALL BE REPLACED IN KIND, EITHER ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OR BASE AGGREGATE DENSE 3/4-INCH. EXACT LOCATION AND WIDTH OF ALL DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

SILT FENCE TO BE PLACED AS DIRECTED BY THE ENGINEER.
SILT FENCE SHALL BE IN PLACE PRIOR TO CONSTRUCTION.

EROSION MAT & TEMPORARY DITCH CHECKS ARE TO BE PLACED AS DIRECTED BY THE ENGINEER IN THE FIELD.

DISTURBED AREAS WITHIN THE SLOPE INTERCEPTS, EXCEPT THE AREA BETWEEN THE FINISHED SHOULDER POINTS, ARE TO BE FERTILIZED, TEMPORARY SEEDED AND SEEDED OR SODDED.

REMOVAL OF ASPHALTIC SURFACES WHERE AN ABUTTING ASPHALTIC SURFACE IS TO REMAIN IN PLACE, SHALL REQUIRE A SAWCUT MEETING THE APPROVAL OF THE ENGINEER IN THE FIELD.

THE LOW SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS SUPERELEVATION WHEN THE RATE OF SUPERELEVATION IS GREATER THAN 4%. IF THE RATE OF SUPERELEVATION IS LESS THAN OR EQUAL TO 4%, THEN THE LOW SIDE SHOULDER SLOPE SHALL BE 4% HIGH SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS SHALL EQUAL SUPERELEVATION RATE. THIS NOTE ONLY PERTAINS TO THE BASE AGGREGATE DENSE PORTION OF THE SHOULDER. THE PAVED SHOULDER PORTION SHALL BE THE SAME AS THE CROSS SLOPE OF THE TRAVEL LANES.

FOR THE ADVANCED TRAFFIC CONTROL AT THE BEGINNING OF THE PROJECT UTILIZE S.D.D. "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC". INCLUDE A J4-1, "NORTH", 24"x12" AND "STH 133", 24"x24", WITH THE "ROAD WORK AHEAD" SIGN ON THE USH 18, EAST APPROACH. AND INCLUDE A M1-6, "STH 133", 24"x24", WITH THE "ROAD WORK AHEAD" SIGN ON THE USH 18/STH 133, WEST APPROACH.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

THE 3 1/2-INCHES HMA PAVEMENT TYPE E-0.3 SHALL BE CONSTRUCTED WITH A 2-INCH LOWER LIFT AND A 1 1/2-INCH SURFACE LIFT.

RUNOFF COEFFICIENT TABLE

HYDROLOGIC SOIL GROUP												
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT						.70 - .95						
CONCRETE						.80 - .95						
BRICK						.70 - .80						
DRIVES,WALKS						.75 - .85						
ROOFS						.75 - .95						
GRAVEL ROADS, SHOULDERS						.40 - .60						

TOTAL PROJECT AREA = 48 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.3 ACRES

DNR LIAISON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
3911 FISH HATCHERY ROAD
FITCHBURG WI, 53711

ATTN: ERIC HEGGELUND
PH. (608) 275-3283
EMAIL: Eric.Heggelund@Wisconsin.gov

DESIGN CONSULTANT

WESTBROOK ASSOCIATED ENGINEERS INC.
619 E. HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI, 53588

ATTN: JERRY KINTZ
PH. (608) 588-7866
EMAIL: jkintz@westbrookeng.com

UTILITIES

NORTHERN NATURAL GAS CO. (GAS)
5557 CTH D
PLATTEVILLE, WI. 53818

ATTN: BOB BESEKER
PHONE: CELL (608) 778-8565
EMAIL: BOB.BESEKER@NNGCO.COM

TDS TELECOM (COMMUNICATIONS)
120 SOUTH MAIN ST
ALMA, WI 54610

ATTN: MATTHEW WINGERT
PHONE: OFFICE (608) 685-3211
PHONE: CELL (715) 279-1707
EMAIL: MATTHEW.WINGERT@TDS TELECOM.COM

SCENIC RIVERS ENERGY COOP. (ELECTRIC)
231 N. SHERIDAN STREET
LANCASTER, WI. 53813

ATTN: ANDY KILCOYNE
PHONE: OFFICE (608) 723-2121
PHONE: CELL (608) 642-2720
EMAIL: AKILCOYNE@SREC.NET

WE-ENERGIES (GAS)
500 S. 116th St.
WEST ALLIS, WI 53214

ATTN: ADAM PSICIHULIS
PHONE: OFFICE (414) 944-5749
PHONE: CELL (262) 364-7597
EMAIL: ADAM.PSICIHULIS@WE-ENERGIES.COM

WISCONSIN POWER & LIGHT CO. (ELECTRIC)
761 ENTERPRISE DR.
PLATTEVILLE, WI. 53818

ATTN: DENNIS STEPHENSON
PHONE: OFFICE (608) 342-4114
PHONE: CELL (608) 558-7780
EMAIL: DENNISSTEPHENSON@ALLIANTENERGY.COM

WE ENERGIES GAS EMERGENCY HOTLINE 800-261-5325

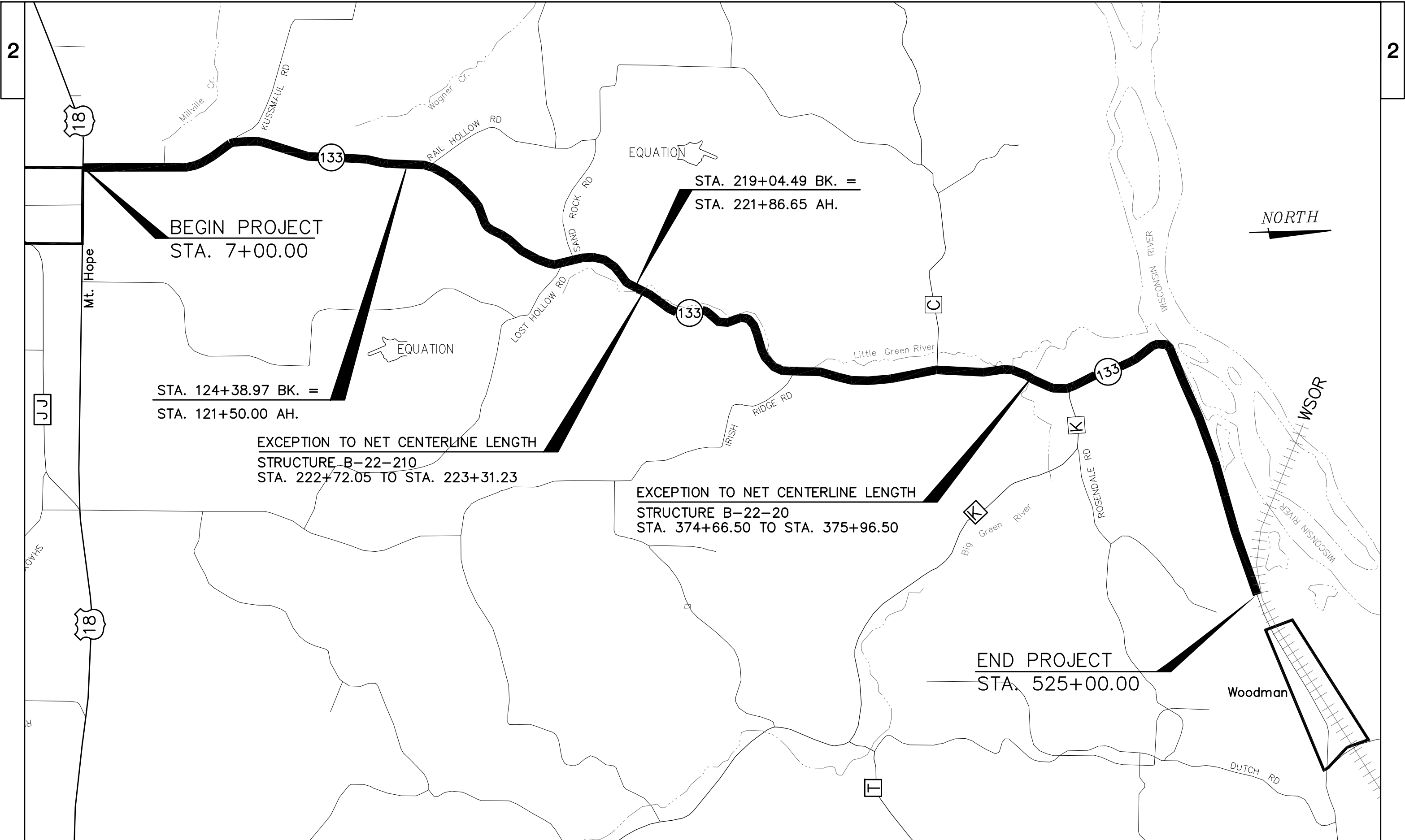


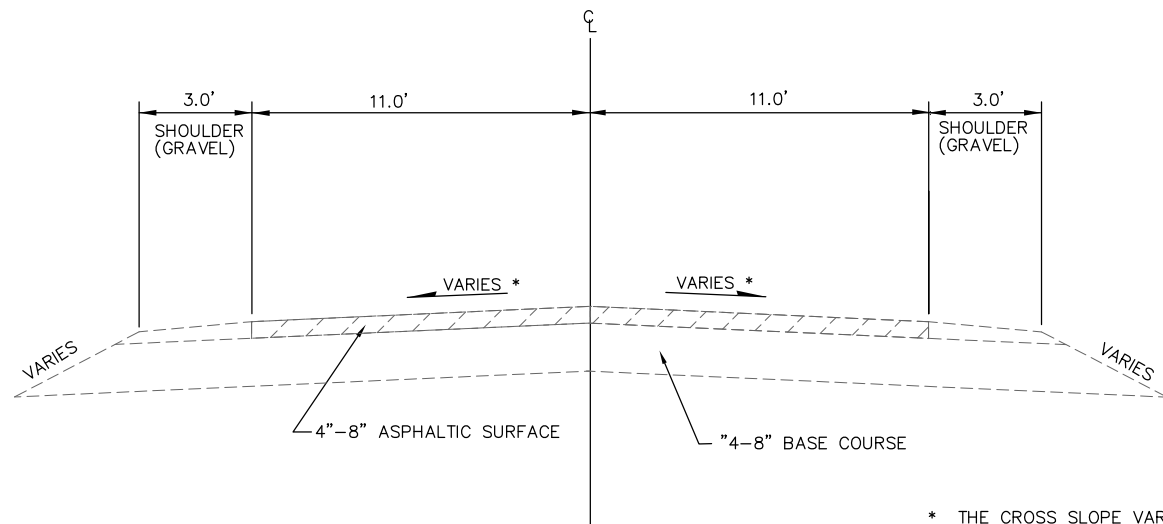
Call 811 3 Work Days Before You Dig
or Toll Free (800) 242-8511
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

** DENOTES UTILITIES THAT
ARE NOT DIGGERS HOTLINE MEMBERS

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	L.F.	LINEAR FEET	R/L	REFERENCE LINE
AGG.	AGGREGATE	L.H.F.	LEFT HAND FORWARD	R/W	RIGHT-OF-WAY
B.M.	BENCH MARK	L.S.	LUMP SUM	RD.	ROAD
B.O.P.	BEGIN PROJECT	LT.	LEFT	RDWY.	ROADWAY
C OR C/L	CENTERLINE	MAX.	MAXIMUM	S.	SOUTH
CR.	CRUSHED	MIN.	MINIMUM	SE	SOUTHEAST
C.T.H.	COUNTY TRUNK HIGHWAY	N.	NORTH	SHLD.	SHOULDER
CWT.	HUNDREDWEIGHT	NOR.	NORMAL	SHRK.	SHRINKAGE
C.Y.	CUBIC YARD	PAV'T.	PAVEMENT	S.R.	SIDE ROAD
D.H.	DOUBLE HEADED	P.C.	POINT OF CURVE	STD.	STANDARD
D.H.V.	DESIGN HOURLY VOLUME	P.I.	POINT OF INTERSECTION	S.T.H.	STATE TRUNK HIGHWAY
DIR.	DIRECTED	P.E.	PRIVATE ENTRANCE	STA.	STATION
E.	EAST	P.K.	PARKER-KALON NAIL	S.Y.	SQUARE YARD
COR.	CORNER	R OR PL	PROPERTY LINE	T	TANGENT LENGTH OF CURVE
EL. OR ELEV.	ELEVATION	P.P.	POWER POLE	V	DESIGN SPEED
E.O.P.	END PROJECT	PROJ.	PROJECT	V.C.	VERTICAL CURVE
F.E.	FIELD ENTRANCE	P.T.	POINT OF TANGENCY	VAR.	VARIABLE
FT.	FOOT (FEET)	PVMT.	PAVEMENT	V.P.I.	VERTICAL POINT OF INTERSECTION
GAL.	GALLON	R.	RADIUS	V.P.C.	VERTICAL POINT OF CURVATURE
H.W.	HIGH WATER	R.R.	RAILROAD	V.P.T.	VERTICAL POINT OF TANGENCY
IN.	INCHES	REINF.	REINFORCED	W.	WEST
K	SIGHT DISTANCE	REQ'D.	REQUIRED		
L.	LENGTH OF CURVE	RT.	RIGHT		

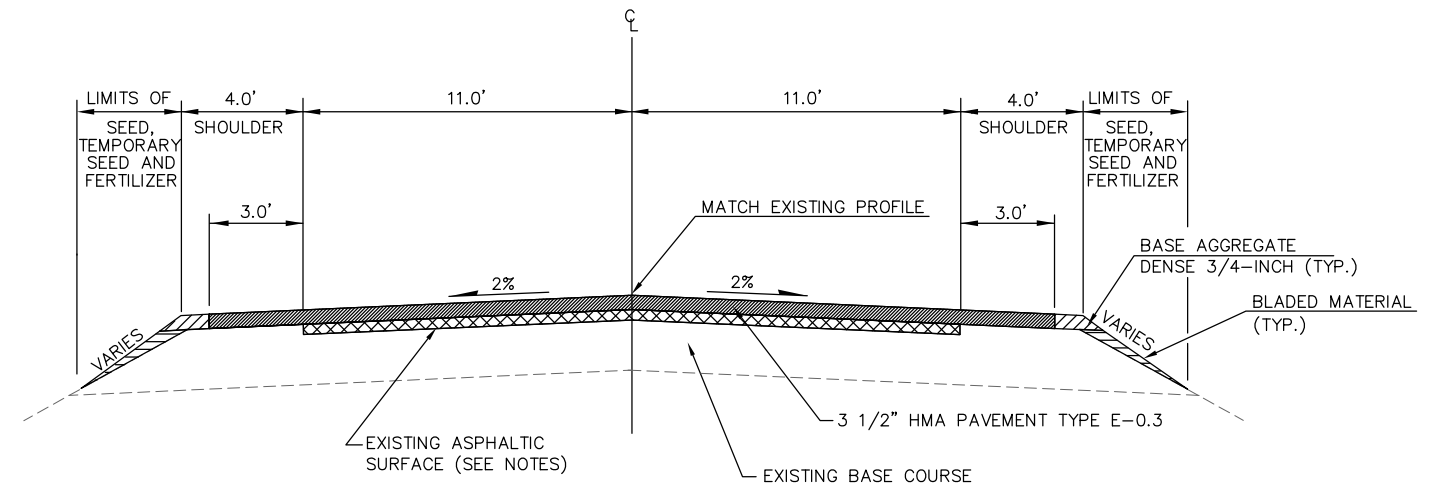




* THE CROSS SLOPE VARIES FROM APPROXIMATELY 1% TO 10.8%.

EXISTING TYPICAL SECTION MAINLINE

STA. 7+00 - STA. 525+00



PROPOSED TYPICAL SECTION MAINLINE

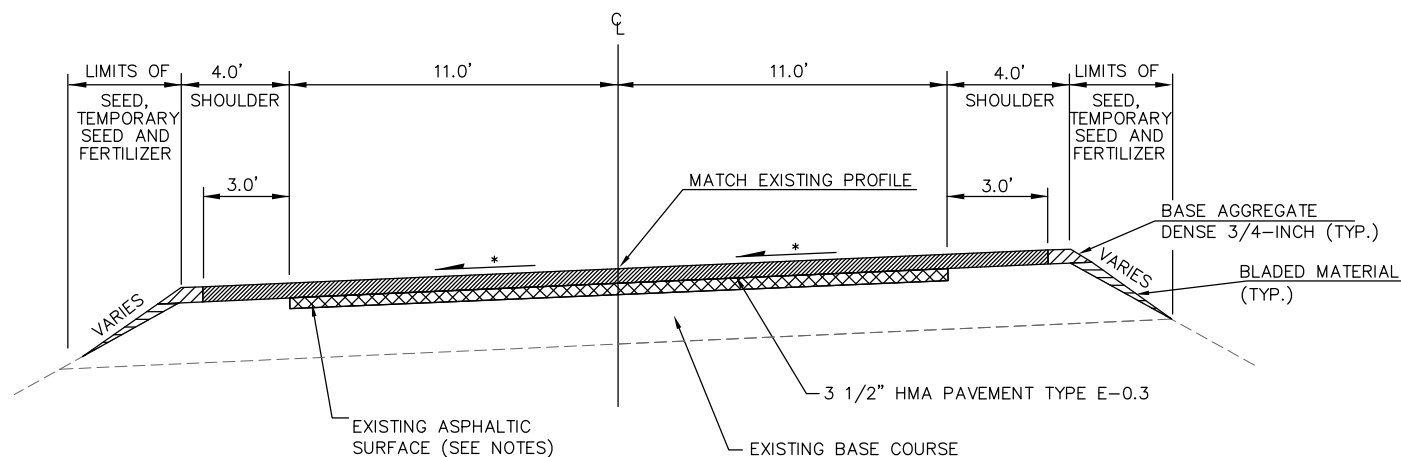
STA. 7+00 - STA. 38+63
STA. 74+87 - STA. 80+50
STA. 94+64 - STA. 100+99
STA. 140+10 - STA. 147+31
STA. 166+59 - STA. 168+84
STA. 199+88 - STA. 200+27
STA. 211+60 - STA. 211+72
STA. 221+19 - STA. 223+00
STA. 231+54 - STA. 234+62
STA. 292+42 - STA. 295+11
STA. 306+16 - STA. 308+47
STA. 316+13 - STA. 317+63

STA. 325+94 - STA. 330+67
STA. 337+43 - STA. 337+47
STA. 348+21 - STA. 351+84
STA. 372+79 - STA. 379+23
STA. 394+82 - STA. 395+81
STA. 403+82 - STA. 406+67
STA. 417+84 - STA. 420+08
STA. 442+82 - STA. 448+68
STA. 455+62 - STA. 467+41
STA. 473+61 - STA. 480+79
STA. 491+74 - STA. 519+46

NOTES: THE CROSS SLOPE SHALL BE CORRECTED TO 2% BY MILLING 3 1/2" AT THE CENTERLINE AND A VARIABLE DEPTH AT THE 11' OUT. TO BE PAID FOR PER ITEM "REMOVING ASPHALTIC SURFACE MILLING".

THE EXISTING AGGREGATE SHOULDER SHALL BE BLADED OUT TO THE IN-SLOPE TO ACCOMMODATE THE PROPOSED WIDENING. TO BE PAID FOR PER ITEM "PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS".

THESE STATION LOCATIONS ARE APPROXIMATE.



PROPOSED TYPICAL SECTION MAINLINE

STA. 38+63 - STA. 54+26
STA. 54+26 - STA. 74+87
STA. 80+50 - STA. 94+64
STA. 100+99 - STA. 111+57
STA. 111+57 - STA. 120+99
STA. 120+99 - STA. 140+10
STA. 147+31 - STA. 154+01
STA. 154+01 - STA. 160+29
STA. 160+29 - STA. 166+59
STA. 168+84 - STA. 180+48
STA. 180+48 - STA. 191+24
STA. 191+24 - STA. 199+88
STA. 200+27 - STA. 211+60
STA. 211+72 - STA. 221+19

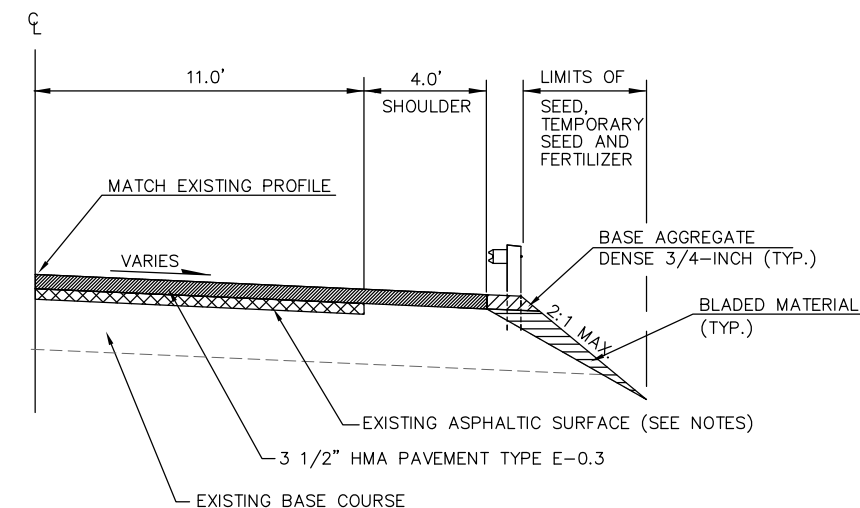
STA. 223+00 - STA. 231+54
STA. 234+62 - STA. 243+78
STA. 243+78 - STA. 250+75
STA. 250+75 - STA. 260+04
STA. 260+04 - STA. 269+87
STA. 269+87 - STA. 274+57
STA. 274+57 - STA. 281+72
STA. 281+72 - STA. 292+42
STA. 292+42 - STA. 295+11
STA. 295+11 - STA. 306+16
STA. 306+16 - STA. 316+13
STA. 316+13 - STA. 325+94
STA. 325+94 - STA. 330+67
STA. 330+67 - STA. 337+43
STA. 337+43 - STA. 348+21

STA. 351+84 - STA. 359+74
STA. 359+74 - STA. 364+99
STA. 364+99 - STA. 372+79
STA. 372+79 - STA. 394+82
STA. 394+82 - STA. 403+81
STA. 403+81 - STA. 406+67
STA. 406+67 - STA. 417+84
STA. 417+84 - STA. 420+08
STA. 420+08 - STA. 435+44
STA. 435+44 - STA. 442+82
STA. 442+82 - STA. 455+62
STA. 455+62 - STA. 467+41
STA. 467+41 - STA. 473+61
STA. 473+61 - STA. 480+79
STA. 480+79 - STA. 485+52
STA. 485+52 - STA. 491+74
STA. 491+74 - STA. 519+46
STA. 519+46 - STA. 525+00

NOTES: THE SUPERELEVATION SHALL BE CORRECTED TO THE PROPOSED SUPERELEVATION AS FOUND ON THE "ALIGNMENT LAYOUT" SHEETS BY MILLING TO A DEPTH OF 3 1/2" AT THE CENTERLINE AND A VARIABLE DEPTH AT THE 11' OUT. TO BE PAID FOR PER ITEM "REMOVING ASPHALTIC SURFACE MILLING".

THE EXISTING AGGREGATE SHOULDER SHALL BE BLADED OUT TO THE IN-SLOPE TO ACCOMMODATE THE PROPOSED WIDENING. TO BE PAID FOR PER ITEM "PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS".

THESE STATION LOCATIONS ARE APPROXIMATE.



PROPOSED TYPICAL HALF SECTION WITH MGS GUARDRAIL

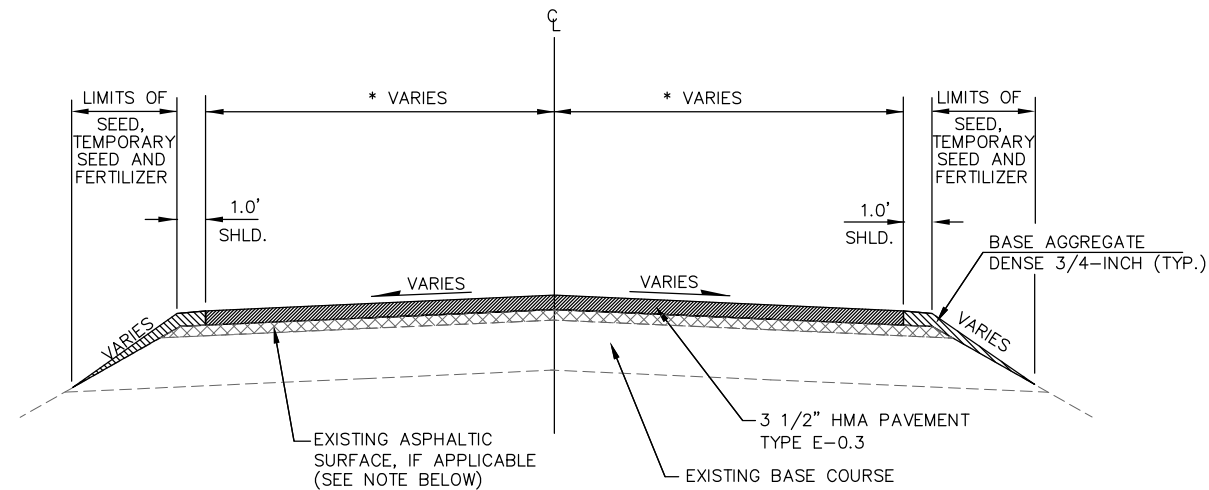
STA. 60+50 - STA. 65+50, RT
STA. 62+50 - STA. 65+50, LT
STA. 72+50 - STA. 75+50, RT
STA. 79+00 - STA. 83+00, RT
STA. 98+50 - STA. 101+50, RT
STA. 100+00 - STA. 101+50, LT
STA. 109+25 - STA. 113+00, RT
STA. 154+25 - STA. 161+90, LT

STA. 164+65 - STA. 170+75, LT
STA. 173+60 - STA. 185+20, LT
STA. 244+00 - STA. 249+00, LT
STA. 262+05 - STA. 269+25, LT
STA. 275+00 - STA. 280+00, LT
STA. 402+20 - STA. 405+25, LT
STA. 415+00 - STA. 461+25, LT
STA. 462+50 - STA. 515+00, LT

NOTES: THE MINIMUM POST EMBEDMENT DEPTH SHALL BE 4'-6".

SEE "MISCELLANEOUS QUANTITIES" AND "ALIGNMENT LAYOUT" FOR MORE BEAMGUARD INFORMATION.

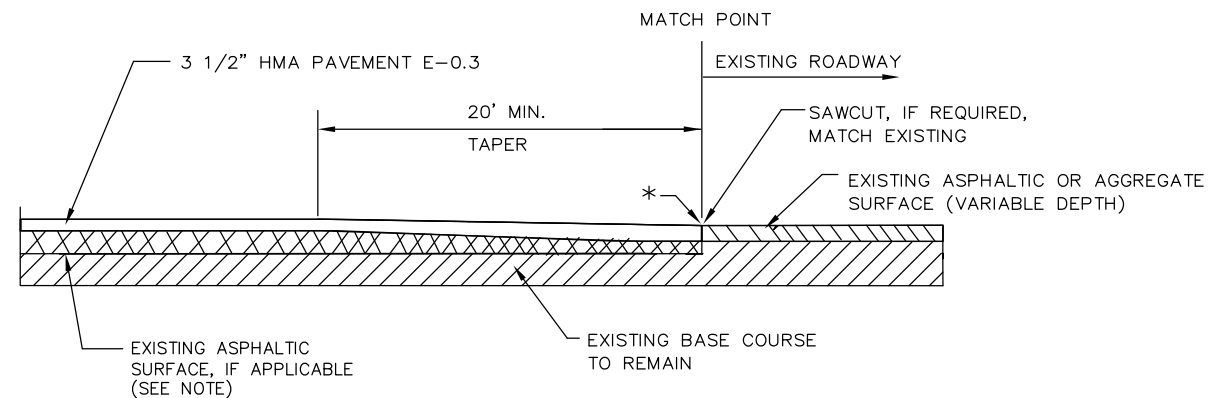
THE EXISTING AGGREGATE SHOULDER SHALL BE BLADED OUT TO THE IN-SLOPE TO ACCOMMODATE THE PROPOSED WIDENING. TO BE PAID FOR PER ITEM "PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS".



PROPOSED TYPICAL SECTION SIDEROADS

* DRIVING LANE WIDTHS AT MATCH POINT

BLACKBURN LN.	(9.0')
KUSSMAUL RD.	(10.0')
RAIL HOLLOW RD.	(10.0')
SAND ROCK RD.	(12.0')
CTH C	(9.5')
CTH K	(12.5')

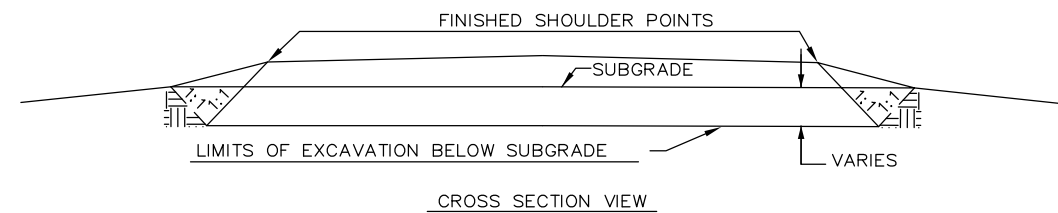
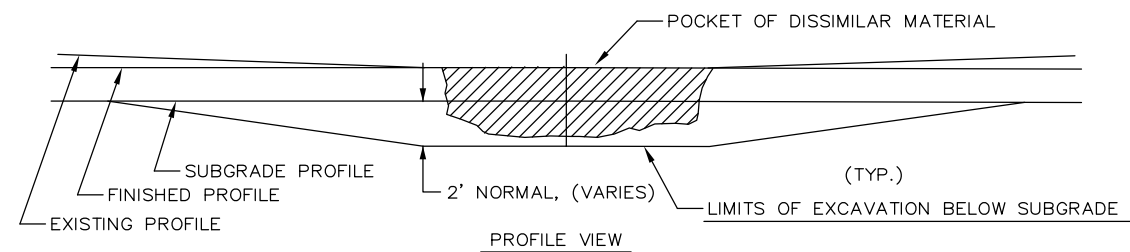
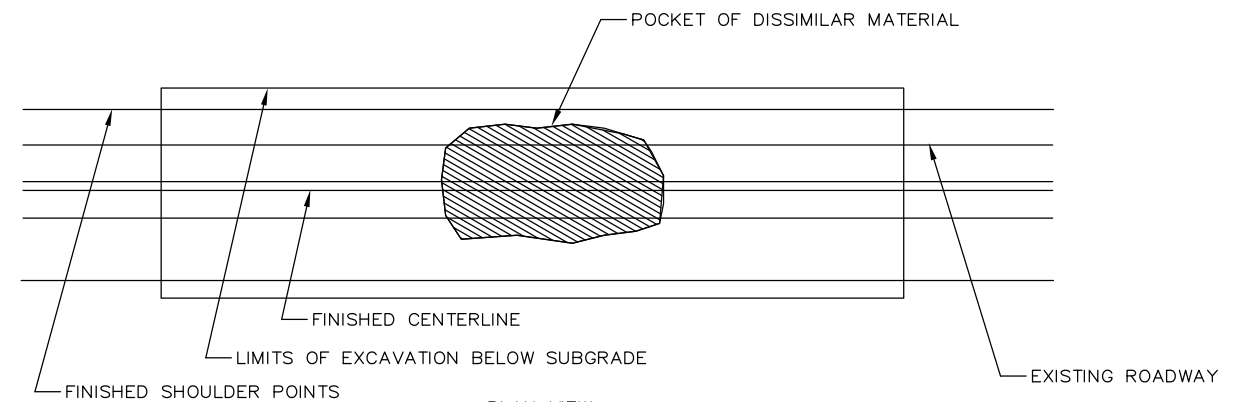


SIDE ROAD BUTT JOINT DETAIL AT MATCH POINT

EXISTING AGGREGATE SURFACE:	BLACKBURN LN.
EXISTING ASPHALT SURFACE:	KUSSMAUL RD.
EXISTING AGGREGATE SURFACE:	RAIL HOLLOW RD.
EXISTING AGGREGATE SURFACE:	SAND ROCK RD.
EXISTING ASPHALT SURFACE:	CTH C
EXISTING ASPHALT SURFACE:	CTH K

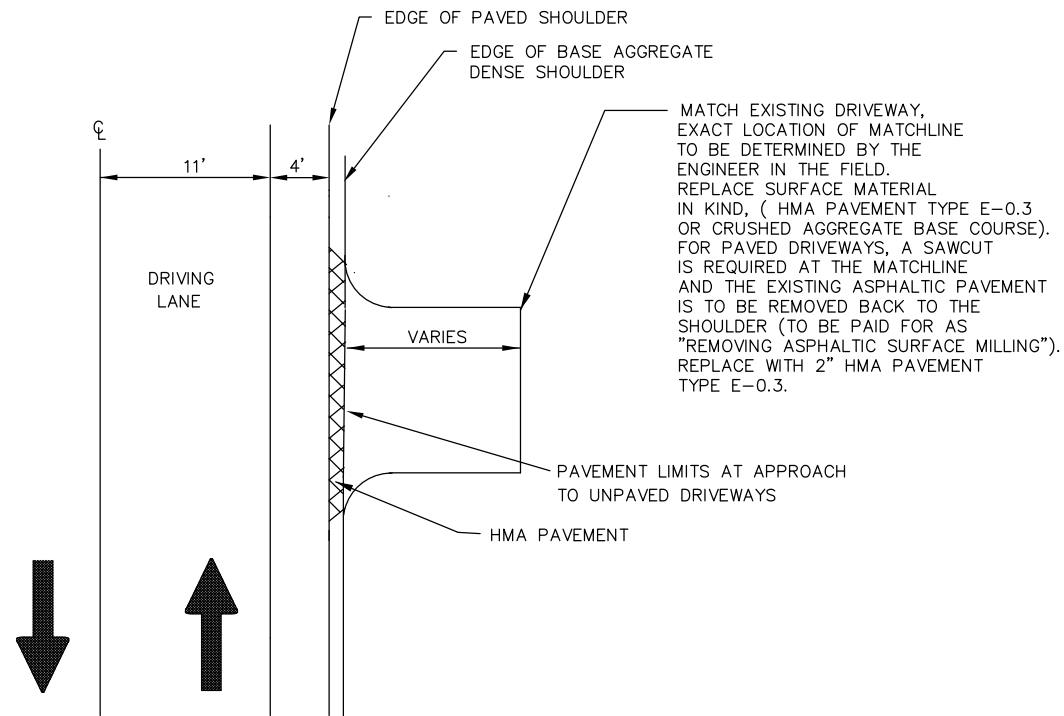
- * FOR AGGREGATE SURFACES: GRADE, PER ITEM "GRADING, SHAPING AND FINISHING INTERSECTION", TO 3 1/2" BELOW THE MATCHING SURFACE AND TAPER BACK FOR 20 FEET.
- * FOR ASPHALTIC SURFACES: MILL THE EXISTING PAVEMENT, PER ITEM "REMOVING ASPHALTIC SURFACE MILLING" TO 3 1/2" BELOW THE MATCHING SURFACE AND TAPER BACK FOR 20 FEET.

NOTE: AT LOST HOLLOW RD AND IRISH RIDGE RD, JUST MILL OFF 3 1/2" PER ITEM "REMOVING ASPHALTIC SURFACE MILLING".



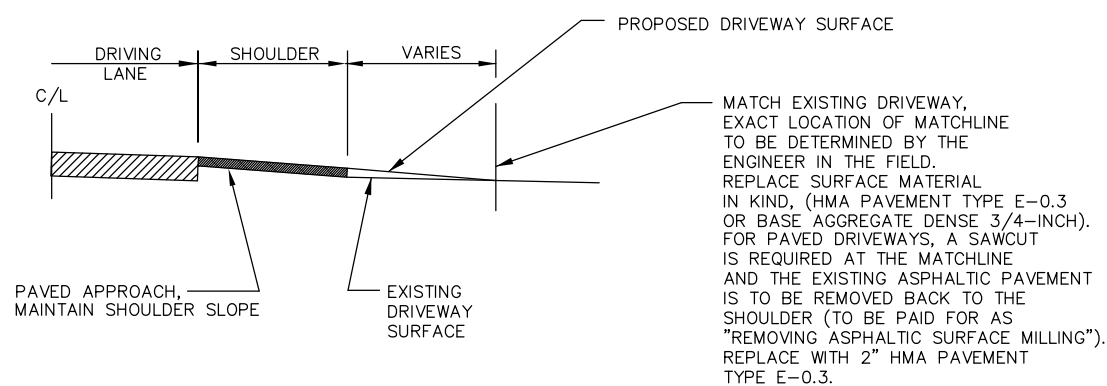
EXCAVATION BELOW SUBGRADE (E.B.S.)

1. EXACT LOCATION OF E.B.S. (EXCAVATION BELOW SUBGRADE) SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. E.B.S. SHALL BE PAID FOR AS COMMON EXCAVATION. BREAKER RUN MATERIAL SHALL BE PLACED AS BACKFILL AND PAID FOR AS BREAKER RUN.
3. THE FILL SECTION WITHIN 100 ft. OF THE MOUTH OF THE CUT MUST BE KEPT 2 ft. BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED. LATERAL LIMITS OF EXCAVATION SHALL BE THE SUBGRADE SHOULDER POINTS.
4. E.B.S. MATERIAL SHALL NOT BE USED FOR THE CONSTRUCTION OF THE REMAINING SUBBASE. E.B.S. MATERIAL CAN BE UTILIZED ON THE JOB SITE ONLY IF IT IS BANKED OUTSIDE OF THE SHOULDER SUBGRADE LIMITS AT A MAXIMUM SLOPE OF 1:1.



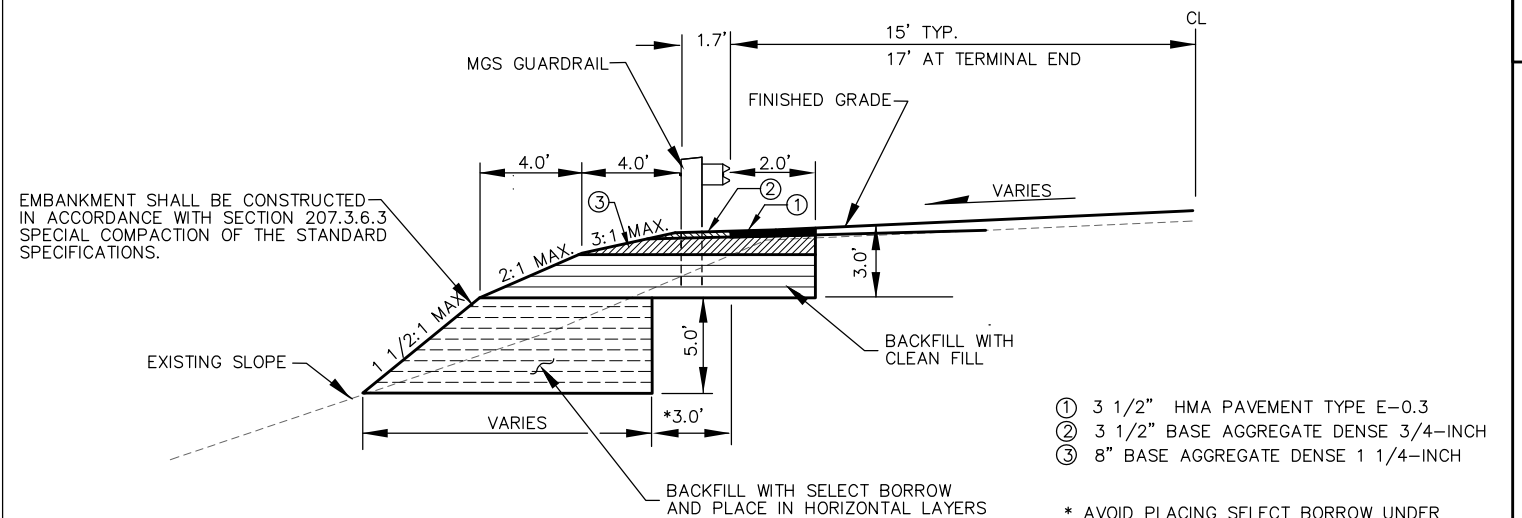
DRIVEWAY INTERSECTION DETAIL

(PAVED SHOULDER ON HIGHWAYS)



TYPICAL DRIVEWAY PROFILES

DETAILS FOR RURAL PRIVATE AND FIELD ENTRANCES

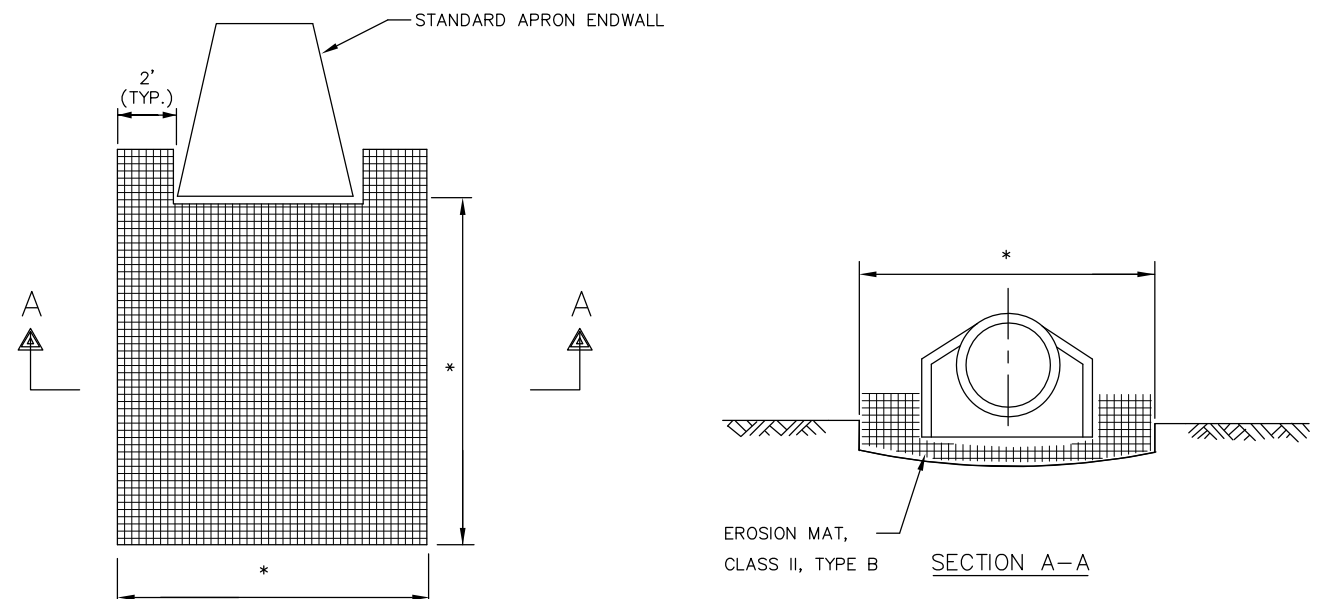


BENCHING DETAIL

STA. 62+00 - STA. 64+50, RT
STA. 73+50 - STA. 74+50, RT
STA. 80+00 - STA. 81+00, RT
STA. 100+00 - STA. 100+50, RT
STA. 109+50 - STA. 112+00, RT

NOTES: EXACT LOCATION OF BENCHING TO BE DETERMINED BY THE ENGINEER. THE MINIMUM POST EMBEDMENT DEPTH SHALL BE 4'-6".

THE EXISTING AGGREGATE SHOULDER SHALL BE BLADED OUT TO THE IN-SLOPE TO ACCOMMODATE THE PROPOSED WIDENING. TO BE PAID FOR PER ITEM "PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS".



PLAN VIEW

* SEE MISCELLANEOUS QUANTITIES FOR DIMENSIONS OR AS DIRECTED BY ENGINEER IN THE FIELD.

EROSION MAT DISCHARGE APRON DETAIL

STA. 25+26, LT
STA. 55+85, LT
STA. 100+12, RT

DATE 09NOV12		E S T I M A T E O F Q U A N T I T I E S			
LINE		5589-01-73			
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	203.0100	REMOVING SMALL PIPE CULVERTS	EACH	3.000	3.000
0020	204.0120	REMOVING ASPHALTIC SURFACE MILLING	SY	127,850.000	127,850.000
0030	204.0165	REMOVING GUARDRAIL	LF	4,598.000	4,598.000
0040	205.0100	EXCAVATION COMMON	CY	1,300.000	1,300.000
0050	205.9015.S	GRADING SHAPING & FINISHING INTERSECTION (LOCATION) 01. BLACKBURN LANE	LS	1.000	1.000
0060	205.9015.S	GRADING SHAPING & FINISHING INTERSECTION (LOCATION) 02. KUSSMAUL ROAD	LS	1.000	1.000
0070	205.9015.S	GRADING SHAPING & FINISHING INTERSECTION (LOCATION) 03. RAIL HOLLOW ROAD	LS	1.000	1.000
0080	205.9015.S	GRADING SHAPING & FINISHING INTERSECTION (LOCATION) 04. SAND ROCK ROAD	LS	1.000	1.000
0090	205.9015.S	GRADING SHAPING & FINISHING INTERSECTION (LOCATION) 05. CTH C	LS	1.000	1.000
0100	205.9015.S	GRADING SHAPING & FINISHING INTERSECTION (LOCATION) 06. CTH K	LS	1.000	1.000
0110	208.0100	BORROW	CY	300.000	300.000
0120	208.1100	SELECT BORROW	CY	1,950.000	1,950.000
0130	211.0400	PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS	STA	1,032.000	1,032.000
0140	213.0100	FINISHING ROADWAY (PROJECT) 01. 5589-01-73	EACH	1.000	1.000
0150	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	2,435.000	2,435.000
0160	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	215.000	215.000
0170	311.0110	BREAKER RUN	TON	1,000.000	1,000.000
0180	440.4410.S	INCENTIVE IRI RIDE	DOL	39,200.000	39,200.000
0190	455.0105	ASPHALTIC MATERIAL PG58-28	TON	1,980.000	1,980.000
0200	455.0605	TACK COAT	GAL	4,100.000	4,100.000
0210	460.1100	HMA PAVEMENT TYPE E-0.3	TON	33,000.000	33,000.000
0220	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	26,400.000	26,400.000
0230	465.0450	ASPHALTIC INTERSECTION RUMBLE STRIP	SY	72.000	72.000
0240	520.0318	CULVERT PIPE CLASS IV 18-INCH	LF	88.000	88.000
0250	520.0324	CULVERT PIPE CLASS IV 24-INCH	LF	50.000	50.000
0260	520.0330	CULVERT PIPE CLASS IV 30-INCH	LF	70.000	70.000
0270	520.1018	APRON ENDWALLS FOR CULVERT PIPE 18-INCH	EACH	2.000	2.000
0280	520.1024	APRON ENDWALLS FOR CULVERT PIPE 24-INCH	EACH	2.000	2.000
0290	520.1030	APRON ENDWALLS FOR CULVERT PIPE 30-INCH	EACH	2.000	2.000
0300	520.7000	CLEANING CULVERT PIPES	EACH	3.000	3.000
0310	614.0010	BARRIER SYSTEM GRADING SHAPING FINISHING	EACH	35.000	35.000
0320	614.2330	MGS GUARDRAIL 3 K	LF	15,538.000	15,538.000
0330	614.2500	MGS THRIE BEAM TRANSITION	LF	160.000	160.000
0340	614.2610	MGS GUARDRAIL TERMINAL EAT	EACH	35.000	35.000
0350	614.2620	MGS GUARDRAIL TERMINAL TYPE 2	EACH	1.000	1.000
0360	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 5589-01-73	EACH	1.000	1.000
0370	619.1000	MOBILIZATION	EACH	1.000	1.000
0380	628.1504	SILT FENCE	LF	750.000	750.000
0390	628.1520	SILT FENCE MAINTENANCE	LF	1,500.000	1,500.000
0400	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	1.000	1.000
0410	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	1.000	1.000
0420	628.2023	EROSION MAT CLASS II TYPE B	SY	35.000	35.000
0430	628.7504	TEMPORARY DITCH CHECKS	LF	100.000	100.000

DATE 09NOV12			E S T I M A T E O F Q U A N T I T I E S		
LINE			5589-01-73		
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0440	629.0210	FERTILIZER TYPE B	CWT	37.000	37.000
0450	630.0175	SEEDING MIXTURE NO. 75	LB	370.000	370.000
0460	630.0200	SEEDING TEMPORARY	LB	1,500.000	1,500.000
0470	633.5200	MARKERS CULVERT END	EACH	58.000	58.000
0480	634.0612	POSTS WOOD 4X6-INCH X 12-FT	EACH	48.000	48.000
0490	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	14.000	14.000
0500	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	73.000	73.000
0510	634.0618	POSTS WOOD 4X6-INCH X 18-FT	EACH	2.000	2.000
0520	637.0202	SIGNS REFLECTIVE TYPE II	SF	828.550	828.550
0530	638.2102	MOVING SIGNS TYPE II	EACH	1.000	1.000
0540	638.2602	REMOVING SIGNS TYPE II	EACH	132.000	132.000
0550	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	94.000	94.000
0560	638.4000	MOVING SMALL SIGN SUPPORTS	EACH	2.000	2.000
0570	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0580	643.0100	TRAFFIC CONTROL (PROJECT) 01. 5589-01-73	EACH	1.000	1.000
0590	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	103,600.000	103,600.000
0600	646.0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	85,455.000	85,455.000
0610	648.0100	LOCATING NO-PASSING ZONES	MI	9.776	9.776
0620	649.0100	TEMPORARY PAVEMENT MARKING 4-INCH	LF	85,455.000	85,455.000
0630	650.6000	CONSTRUCTION STAKING PIPE CULVERTS	EACH	3.000	3.000
0640	650.8000	CONSTRUCTION STAKING RESURFACING	LF	51,588.000	51,588.000
0650	690.0150	SAWING ASPHALT	LF	113.000	113.000

203.0100 REMOVING SMALL PIPE CULVERTS <table><tr><th>STATION</th><th>LOCATION</th><th>DESCRIPTION</th><th>EACH</th></tr><tr><td>25+26</td><td>MAINLINE</td><td>24"x48' CMCP</td><td>1</td></tr><tr><td>55+34</td><td>BLACKBURN LN</td><td>18"x66' CMCP</td><td>1</td></tr><tr><td>100+12</td><td>MAINLINE</td><td>72"x42"x60' CMPA</td><td>1</td></tr><tr><td colspan="3">TOTAL</td><td>3</td></tr></table>				STATION	LOCATION	DESCRIPTION	EACH	25+26	MAINLINE	24"x48' CMCP	1	55+34	BLACKBURN LN	18"x66' CMCP	1	100+12	MAINLINE	72"x42"x60' CMPA	1	TOTAL			3	204.0120 REMOVING ASPHALTIC SURFACE MILLING <table><tr><th>STATION</th><th>—</th><th>STATION</th><th>LOCATION</th><th>(SY)</th></tr><tr><td>7+00</td><td>—</td><td>525+00</td><td>MAINLINE</td><td>126116</td></tr><tr><td>---</td><td>—</td><td>---</td><td>KUSSMAUL RD</td><td>268</td></tr><tr><td>---</td><td>—</td><td>---</td><td>RAIL HOLLOW RD</td><td>264</td></tr><tr><td>---</td><td>—</td><td>---</td><td>CTH C</td><td>533</td></tr><tr><td>---</td><td>—</td><td>---</td><td>CTH K</td><td>669</td></tr><tr><td colspan="3">TOTAL</td><td></td><td>127850</td></tr></table>				STATION	—	STATION	LOCATION	(SY)	7+00	—	525+00	MAINLINE	126116	---	—	---	KUSSMAUL RD	268	---	—	---	RAIL HOLLOW RD	264	---	—	---	CTH C	533	---	—	---	CTH K	669	TOTAL				127850	204.0165 REMOVING GUARDRAIL <table><tr><th>STATION</th><th>—</th><th>STATION</th><th>LOCATION</th><th>(LF)</th></tr><tr><td>154+25</td><td>—</td><td>161+90</td><td>MAINLINE, LT</td><td>750</td></tr><tr><td>164+70</td><td>—</td><td>170+75</td><td>MAINLINE, LT</td><td>603</td></tr><tr><td>173+60</td><td>—</td><td>185+20</td><td>MAINLINE, LT</td><td>1152</td></tr><tr><td>244+38</td><td>—</td><td>248+65</td><td>MAINLINE, LT</td><td>439</td></tr><tr><td>262+05</td><td>—</td><td>268+15</td><td>MAINLINE, LT</td><td>627</td></tr><tr><td>373+95</td><td>—</td><td>374+67</td><td>MAINLINE, LT & RT</td><td>144</td></tr><tr><td>375+96</td><td>—</td><td>376+67</td><td>MAINLINE, RT</td><td>71</td></tr><tr><td>375+96</td><td>—</td><td>376+74</td><td>MAINLINE, LT</td><td>78</td></tr><tr><td>423+55</td><td>—</td><td>431+35</td><td>MAINLINE, LT</td><td>734</td></tr><tr><td colspan="3">TOTAL</td><td></td><td>4598</td></tr></table>				STATION	—	STATION	LOCATION	(LF)	154+25	—	161+90	MAINLINE, LT	750	164+70	—	170+75	MAINLINE, LT	603	173+60	—	185+20	MAINLINE, LT	1152	244+38	—	248+65	MAINLINE, LT	439	262+05	—	268+15	MAINLINE, LT	627	373+95	—	374+67	MAINLINE, LT & RT	144	375+96	—	376+67	MAINLINE, RT	71	375+96	—	376+74	MAINLINE, LT	78	423+55	—	431+35	MAINLINE, LT	734	TOTAL				4598	* AM ASSUMING THAT APPROXIMATELY 50% OF FILL WILL NOT PASS AS CLEAN FILL, THUS THE BORROW. QUANTITIES ARE APPROXIMATE. EXPANSION FACTOR = 30% EARTHWORK SUMMARY — BENCHING <table><tr><th>STATION</th><th>—</th><th>STATION</th><th>LOCATION</th><th>205.0100 EXCAVATION COMMON (CY)</th><th>FILL (CY)</th><th>WASTE (CY)</th><th>208.0100 BORROW (CY)</th><th>208.1100 SELECT BORROW (CY)</th></tr><tr><td>62+00</td><td>—</td><td>64+50</td><td>MAINLINE, RT</td><td>390</td><td>149</td><td>294</td><td>100</td><td>650</td></tr><tr><td>73+50</td><td>—</td><td>74+50</td><td>MAINLINE, RT</td><td>156</td><td>59</td><td>119</td><td>40</td><td>260</td></tr><tr><td>80+00</td><td>—</td><td>81+00</td><td>MAINLINE, RT</td><td>156</td><td>59</td><td>119</td><td>40</td><td>260</td></tr><tr><td>100+00</td><td>—</td><td>100+50</td><td>MAINLINE, RT</td><td>78</td><td>30</td><td>59</td><td>20</td><td>130</td></tr><tr><td>109+50</td><td>—</td><td>112+00</td><td>MAINLINE, RT</td><td>390</td><td>148</td><td>297</td><td>100</td><td>650</td></tr><tr><td>---</td><td>—</td><td>---</td><td>UNDISTRIBUTED EBS</td><td>130</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td colspan="3">TOTALS</td><td></td><td>1300</td><td>445</td><td>888</td><td>* 300</td><td>1950</td></tr></table>						STATION	—	STATION	LOCATION	205.0100 EXCAVATION COMMON (CY)	FILL (CY)	WASTE (CY)	208.0100 BORROW (CY)	208.1100 SELECT BORROW (CY)	62+00	—	64+50	MAINLINE, RT	390	149	294	100	650	73+50	—	74+50	MAINLINE, RT	156	59	119	40	260	80+00	—	81+00	MAINLINE, RT	156	59	119	40	260	100+00	—	100+50	MAINLINE, RT	78	30	59	20	130	109+50	—	112+00	MAINLINE, RT	390	148	297	100	650	---	—	---	UNDISTRIBUTED EBS	130	0	0	0	0	TOTALS				1300	445	888	* 300	1950
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614.0010
BARRIER SYSTEM GRADING SHAPING FINISHING

STATION	LOCATION	(EACH)	FILL* (CY)	TOPSOIL* (SY)	MULCHING* (SY)	SEEDING NO. 20* (LB)	SEEDING TEMPORARY* (LB)	FERTILIZER TYPE B* (CWT)
60+50	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
62+50	MAINLINE, LT	1	13	33	33	0.7	1.0	0.02
65+50	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
65+50	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
72+50	MAINLINE, RT	1	13	33	33	0.8	1.0	0.03
75+50	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
79+00	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
83+00	MAINLINE, RT	1	14	33	33	0.7	1.0	0.03
98+50	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
101+50	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
101+50	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
109+25	MAINLINE, RT	1	13	33	33	0.7	1.0	0.03
113+00	MAINLINE, RT	1	13	33	33	0.7	1.0	0.02
154+25	MAINLINE, LT	1	13	33	33	0.8	1.0	0.03
161+90	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
164+65	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
170+75	MAINLINE, LT	1	13	33	33	0.7	1.0	0.02
173+60	MAINLINE, LT	1	14	33	33	0.7	1.0	0.03
185+20	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
244+00	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
249+00	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
262+05	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
269+25	MAINLINE, LT	1	13	33	33	0.7	1.0	0.02
275+00	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
280+00	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
372+87	MAINLINE, RT	1	20	33	33	0.8	1.3	0.03
373+24	MAINLINE, LT	1	20	33	33	0.8	1.2	0.03
377+89	MAINLINE, LT	1	20	33	33	0.7	1.3	0.03
377+89	MAINLINE, RT	1	20	33	33	0.7	1.2	0.03
402+20	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
405+25	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
415+00	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
431+35	MAINLINE, LT	1	13	33	33	0.7	1.0	0.02
461+25	MAINLINE, LT	1	13	33	33	0.8	1.0	0.03
462+50	MAINLINE, LT	1	13	33	33	0.7	1.0	0.03
TOTALS		35	485	1155	1155	25	35	1

* FOR INFORMATIONAL PURPOSES ONLY.
QUANTITIES ARE APPROXIMATE

GRADING SHAPING & FINISHING INTERSECTION (LOCATION)

ITEM NO.	LOCATION	(LS)	EXCAVATION COMMON* (CY)	FILL* (CY)	WASTE* (CY)	BORROW* (CY)	TOPSOIL* (SY)	MULCHING* (SY)	SEEDING NO. 20* (LB)	SEEDING NO. 40* (LB)	SEEDING TEMPORARY* (LB)	FERTILIZER TYPE B* (CWT)
205.9015.S.01	BLACKBURN LANE.	1	0	0	0	0	42	42	1.5	0.0	2.0	0.06
205.9015.S.02	KUSSMAUL ROAD	1	0	0	0	0	80	80	1.7	0.0	2.5	0.05
205.9015.S.03	RAIL HOLLOW ROAD	1	0	0	0	0	95	95	1.9	0.0	2.7	0.06
205.9015.S.04	SAND ROCK ROAD	1	0	0	0	0	75	75	1.3	0.0	2.2	0.05
205.9015.S.05	CTH C	1	15	25	0	18	233	233	4.5	0.0	6.6	0.16
205.9015.S.06	CTH K	1	50	15	30	0	200	200	2.1	2.0	5.0	0.12
TOTALS		6	65	40	30	18	725	725	13.0	2.0	21.0	0.5

* FOR INFORMATIONAL PURPOSES ONLY.
QUANTITIES ARE APPROXIMATE

211:0400
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

STATION	—	STATION	LOCATION	(STA)
7+00	—	525+00	MAINLINE, LT & RT	1032
TOTAL				1032

305.0110
BASE AGGREGATE DENSE 3/4–INCH

STATION	—	STATION	LOCATION	(TON)
7+00	—	525+00	MAINLINE, LT & RT	2295
—	—	—	SIREROADS	15
—	—	—	DRIVEWAYS	125
TOTAL				2435

305.0120
BASE AGGREGATE DENSE 1 1/4–INCH

STATION	—	STATION	LOCATION	(TON)
62+00	—	64+50	MAINLINE, RT	50
73+50	—	74+50	MAINLINE, RT	20
80+00	—	81+00	MAINLINE, RT	20
100+00	—	100+50	MAINLINE, RT	10
109+50	—	112+00	MAINLINE, RT	50
---	—	---	SIDE ROADS	65
TOTAL				215

		<u>ASPHALTIC ITEMS</u>			455.0105	455.0605	460.1100			
311.0115 BREAKER RUN					ASPHALTIC MATERIAL PG58-28 (TON)	TACK COAT (GAL)	HMA PAVEMENT TYPE E-0.3 (TON)			
<u>LOCATION</u>	<u>(CY)</u>	<u>STATION</u>	<u>-</u>	<u>STATION</u>	<u>LOCATION</u>					
		7+00	-	525+00	MAINLINE	1952	4041	32525		
		----	-	----	BLACKBURN LN	2	4	32		
		----	-	----	KUSSMAUL RD	3	6	49		
		----	-	----	RAIL HOLLOW ROAD	3	7	57		
		----	-	----	LOST HOLLOW ROAD	2	4	30		
		----	-	----	SAND ROCK ROAD	3	5	44		
		----	-	----	IRISH RIDGE ROAD	2	5	39		
		----	-	----	CTH C	7	15	121		
		----	-	----	CTH K	6	13	103		
					TOTALS	1980	4100	33000		
</										

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ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	DESCRIPTION	ORDER LINES	634.0612 POSTS WOOD 4X6- INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6- INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6- INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6- INCH X 18-FT EACH	637.0202 SIGNS REFLECTIVE TYPE II SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	NOTES
101R	9+00	STH 133, Right	M3-1	24" x 12"	North Cardinal Route Marker								1	1		
			M1-6	24" x 24"	State Route Marker	133							1			
102	9+00	STH 133, Right	J4-1	24" x 36"	Reassur Assem (1 Headed Route Panel)	North STH 133			1		6.00					
103R	9+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone								1	1		
104	9+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
105	10+90	STH 133, Left	D1-3	102" x 36"	Three Destinations (Arrows)	Arrow Left, Fennimore Prairie du Chien, Arrow Right Bloomington			2		25.50					
106R	10+90	STH 133, Left	D1-3	84" x 36"	Three Destinations (Arrows)	Arrow Left, Fennimore Prairie du Chien, Arrow Right Bloomington							1	2		
107R	11+10	STH 133, Right	D2-2	72" x 24"	Destination/Distance (Two)	Woodman 10 Boscobel 16							1	2		
108	11+10	STH 133, Right	D2-2	72" x 24"	Destination/Distance (Two)	Woodman 11 Boscobel 16		2			12.00					
109	13+00	STH 133, Left	J2-3	72" x 57"	Rte Turn Assem (3 Headed Route Panel)	East, West, Souith USH 18, USH 18, STH 133 Adv Arr Lt, Adv Arr Rt, Adv Arr Rt				1	28.50					
110	14+00	STH 133, Right	R2-1	24" x 30"	Speed Limit (55)				1		5.00					
111R	15+10	STH 133, Left	J2-3	72" x 57"	Rte Turn Assem (3 Headed Route Panel)	East, West, Souith USH 18, USH 18, STH 133 Adv Arr Lt, Adv Arr Rt, Adv Arr Rt							2	2		
112	15+10	STH 133, Left	W3-1	36" x 36"	Stop Ahead				1		9					
113	17+00	STH 133, Left	J1-1	24" x 39"	Junction Assembly	Jct USH 18			1		6.50					
114R	17+90	STH 133, Left	W3-1	36" x 36"	Stop Ahead								1	1		
115R	19+00	STH 133, Left	M2-1	21" x 15"	Junction Marker								1	1		
			M1-4	24" x 24"	US Route Marker	18							1			
116R	27+85	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00			1	1	
117	27+85	STH 133, Right	W14-3	48" x 36"	No Passing Zone											
118R	32+35	STH 133, Left	R1-1	30" x 30"	Stop				1		5.18			1	1	
119	32+35	STH 133, Left	R1-1	30" x 30"	Stop											
120	33+10	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
121R	33+10	STH 133, Left	W14-3	48" x 36"	No Passing Zone								1	1		
201R	51+50	STH 133, Right	W1-2R	30" x 30"	Right Curve											
202	52+50	STH 133, Right	W1-2R	30" x 30"	Right Curve				1		6.25			1	1	
203	55+00	STH 133, Left	R1-1	30" x 30"	Stop				1		5.18					
204R	55+00	STH 133, Left	R1-1	30" x 30"	Stop								1	1		
301R	77+40	STH 133, Left	W14-3	48" x 36"	No Passing Zone								1	1		
302	77+40	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
303	78+00	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00					
304R	78+00	STH 133, Right	W14-3	48" x 36"	No Passing Zone								1	1		
305R	80+35	STH 133, Left	W1-2L	30" x 30"	Left Curve								1	1		
401	97+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
402R	97+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone								1	1		
403R	97+00	STH 133, Right	W14-3	48" x 36"	No Passing Zone								1	1		
404	97+00	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00					
405R	107+50	STH 133, Left	S3-1	36" x 36"	School Bus Stop Ahead								1	1		
406	107+50	STH 133, Left	S3-1	36" x 36"	School Bus Stop Ahead				1		9.00					
501R	126+70	STH 133, Left	R1-1	30" x 30"	Stop								1	1		
502	126+70	STH 133, Left	R1-1	30" x 30"	Stop				1		5.18					
503	128+00	STH 133, Right	W7-1	36" x 36"	Hill					1	9.00					
			W7-3	24" x 18"	% Grade	9					3.00					
504R	130+50	STH 133, Right	W7-1	36" x 36"	Hill								1	1		
			W7-3	24" x 18"	% Grade	8							1			
505R	138+10	STH 133, Right	W1-5R	30" x 30"	Right Winding Road								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	30							1			
506	145+00	STH 133, Right	W1-5R	30" x 30"	Right Winding Road				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
601	151+25	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right		1			8.00					
602	152+50	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left		1			8.00					
603	155+40	STH 133, Right	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left		1			8.00					
604	158+10	STH 133, Right	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right		1			8.00					
605	162+75	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right		1			8.00					
Sheet Totals							0	7	19	2	225.79	0	26	24	0	

STATE PROJECT NO: 5589-01-73

HWY: STH 133

COUNTY: GRANT

SIGNING QUANTITIES

SHEET NO:

E

FILE NAME : _____

PLOT DATE : _____

PLOT BY : _____

PLOT NAME : _____

ORG DATE : _____

ORIGINATOR : DIST _

PLOT SCALE : 1:1

3

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	DESCRIPTION	ORDER LINES	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.0202 SIGNS REFLECTIVE TYPE II SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	NOTES
606	163+25	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left		1			8.00					
607	168+50	STH 133, Left	W1-5L	30" x 30"	Left Winding Road				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	40					2.25					
608R	173+50	STH 133, Left	W1-5L	30" x 30"	Left Winding Road								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	30							1			
609R	175+75	STH 133, Right	W1-5L	30" x 30"	Left Winding Road								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
610	180+00	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
701	185+20	STH 133, Left	S3-1	36" x 36"	School Bus Stop Ahead				1		9.00					
702R	185+20	STH 133, Left	S3-1	36" x 36"	School Bus Stop Ahead								1	1		
703R	188+25	STH 133, Right	R1-1	30" x 30"	Stop								1	1		
704	188+25	STH 133, Right	R1-1	30" x 30"	Stop				1		5.18					
705R	192+85	STH 133, Left	R1-1	30" x 30"	Stop								1	1		
706	192+85	STH 133, Left	R1-1	30" x 30"	Stop				1		5.18					
707	199+50	STH 133, Left	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
708	200+25	STH 133, Right	W1-5R	30" x 30"	Right Winding Road				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
801R	213+75	STH 133, Right	W5-2	30" x 30"	Narrow Bridge								1	1		
802	222+65	STH 133, Right	W5-52R	12" x 36"	Clearance Striper Down Left		1				3.00					
803R	222+65	STH 133, Right	W5-52R	12" x 36"	Clearance Striper Down Left								1	1		
804	222+65	STH 133, Left	W5-52L	12" x 36"	Clearance Striper Down Right		1				3.00					
805R	222+65	STH 133, Left	W5-52L	12" x 36"	Clearance Striper Down Right								1	1		
806	222+65	STH 133, Right	W5-52R	12" x 36"	Clearance Striper Down Left		1				3.00					
807R	222+65	STH 133, Right	W5-52R	12" x 36"	Clearance Striper Down Left								1	1		
808	222+65	STH 133, Right	W5-52L	12" x 36"	Clearance Striper Down Right		1				3.00					
809R	222+65	STH 133, Right	W5-52L	12" x 36"	Clearance Striper Down Right								1	1		
810R	228+70	STH 133, Right	W1-2L	30" x 30"	Left Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	40							1			
811R	231+00	STH 133, Left	W1-5L	30" x 30"	Left Winding Road								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
812	232+50	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
813R	236+00	STH 133, Left	W1-5L	30" x 30"	Left Winding Road								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
814	238+25	STH 133, Right	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left		1			8.00					
901R	241+15	STH 133, Right	W1-2R	30" x 30"	Right Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	35							1			
902	241+30	STH 133, Right	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right		1			8.00					
903R	244+35	STH 133, Left	W1-2R	30" x 30"	Right Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	40							1			
904	245+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
905	245+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
906R	245+75	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right							1	1		
907	246+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
908	246+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
909	246+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
910R	246+80	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left							1	1		
911	246+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
912	247+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
913	247+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
914R	249+90	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	35							1			
915	251+00	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
916	252+30	STH 133, Left	W1-2L	30" x 30"	Left Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
917R	252+30	STH 133, Left	W1-2L	30" x 30"	Left Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	35							1			
918	254+15	STH 133, Right	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left		1			8.00					
919	257+00	STH 133, Right	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right		1			8.00					
920	262+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
921	262+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
Sheet Totals							14	5	10	0	160.86	0	28	19	0	

STATE PROJECT NO: 5589-01-73

HWY: STH 133

COUNTY: GRANT

SIGNING QUANTITIES

SHEET NO:

E

FILE NAME : _____

PLOT DATE : _____

PLOT BY : _____

PLOT NAME : _____

ORG DATE : _____

ORIGINATOR : DIST _

PLOT SCALE : 1:1

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	DESCRIPTION	ORDER LINES	634.0612 POSTS WOOD 4X6- INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6- INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6- INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6- INCH X 18-FT EACH	637.0202 SIGNS REFLECTIVE TYPE II SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	NOTES
922R	263+00	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right							1	1		
923	263+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
924	263+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
925	264+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
926	264+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
927	264+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
928R	264+80	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left							1	1		
929	264+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
930	265+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
931	265+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
932	266+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
933	266+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
934R	268+60	STH 133, Right	W1-4R	30" x 30"	Right Reverse Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
935	269+70	STH 133, Left	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
1001	270+20	STH 133, Right	W1-4R	30" x 30"	Right Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
1002R	271+00	STH 133, Left	W1-4R	30" x 30"	Right Reverse Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	35							1			
1003	281+50	STH 133, Left	W1-4R	30" x 30"	Right Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
1004R	291+30	STH 133, Right	R1-1	30" x 30"	Stop								1	1		
1005	291+30	STH 133, Right	R1-1	30" x 30"	Stop				1		5.18					
1006R	298+25	STH 133, Left	W1-3R	30" x 30"	Right Reverse Turn								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
1101R	321+85	STH 133, Right	W14-3	48" x 36"	No Passing Zone								1	1		
1102	321+85	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00					
1103R	323+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone								1	1		
1104	323+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
1201R	330+65	STH 133, Right	M2-1	21" x 15"	Junction Marker								1	1		
			M1-5A	24" x 24"	County Marker	C							1			
1202	331+25	STH 133, Right	J1-1	24" x 39"	Junction Assembly	Jct CTH C			1		6.50					
1203R	333+10	STH 133, Right	M1-86	18" x 36"	Wildlife Viewing Area								1	1		
			M1-88A	12" x 12"	Directional Arrow for M1-86	Arrow Left							1			
1204	333+25	STH 133, Right	M1-86	18" x 36"	Wildlife Viewing Area				1		4.50					
			M1-88A	12" x 12"	Directional Arrow for M1-86	Arrow Left					1.00					
1205R	339+90	STH 133, Left	M3-3	24" x 12"	South Cardinal Route Marker								1	1		
			M1-6	24" x 24"	State Route Marker	133							1			
1206	339+90	STH 133, Left	J4-1	24" x 36"	Reass Assem (1 Headed Rte Panel)	South STH 133			1		6.00					
						Directional Arrows Left - Right										
1207	341+10	STH 133, Left	J13-1	24" x 45"	Direct W/O Card (1 Headed Rte Panel)	CTH C			1		7.50					
						Arrow Left										
1208	341+15	STH 133, Right	J13-1	24" x 45"	Direct W/O Card (1 Headed Rte Panel)	CTH C			1		7.50					
						Arrow Left										
1209R	341+15	STH 133, Right	M1-5A	24" x 24"	County Marker	C							1	1		
			M6-1	21" x 21"		Arrow Left							1			
1210	341+30	STH 133, Left	R1-1	30" x 30"	Stop				1		5.18					
1211R	341+30	STH 133, Left	R1-1	30" x 30"	Stop								1	1		
1212	341+50	STH 133, Right	W1-7	48" x 24"	Night Arrow (Double)			1			8.00					
1213R	341+50	STH 133, Right	M6-4	21" x 21"	Directional Arrows Left - Right								1	1		
			M1-6	24" x 24"	State Route Marker	133							1			
1214R	341+75	STH 133, Right	D7-54L	48" x 42"	Boat Landing (8) Miles Left Arrow								1	1		
1215R	341+75	STH 133, Right	D7-54R	48" x 42"	Boat Landing (8) Miles Right Arrow								1			Mnted on back of 1214R
1216	342+25	STH 133, Left	J13-1	24" x 45"	Direct W/O Card (1 Headed Rte Panel)	CTH C			1		7.50					
						Arrow Right										
1217R	342+25	STH 133, Left	M1-5A	24" x 24"	County Marker	C							1	1		
			M6-1	21" x 21"		Arrow Right							1			
1218	342+75	STH 133, Right	J4-1	24" x 36"	Reass Assem (1 Headed Rte Panel)	North STH 133			1		6.00					
1219R	342+75	STH 133, Right	M3-1	24" x 12"	North Cardinal Route Marker								1	1		
			M1-6	24" x 24"	State Route Marker	133							1			
Sheet Totals							10	1	14	0	132.36	0	28	17	0	

STATE PROJECT NO: 5589-01-73

HWY: STH 133

COUNTY: GRANT

SIGNING QUANTITIES

SHEET NO:

E

FILE NAME : _____

PLOT DATE : _____

PLOT BY : _____

PLOT NAME : _____

ORG DATE : _____

ORIGINATOR : DIST _

PLOT SCALE : 1:1

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	DESCRIPTION	ORDER LINES	634.0612 POSTS WOOD 4X6- INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6- INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6- INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6- INCH X 18-FT EACH	637.0202 SIGNS REFLECTIVE TYPE II SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	NOTES
1220R	346+20	STH 133, Left	M1-86	18" x 36"	Wildlife Viewing Area								1	1		
			M1-88A	12" x 12"	Directional Arrow for M1-86	Arrow Right							1			
1221	346+20	STH 133, Left	M1-86	18" x 36"	Wildlife Viewing Area				1		4.50					
			M1-88A	12" x 12"	Directional Arrow for M1-86	Arrow Right					1.00					
1222R	346+50	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
1223	348+25	STH 133, Left	S3-1	36" x 36"	School Bus Stop Ahead				1		9.00					
1224R	349+25	STH 133, Left	S3-1	36" x 36"	School Bus Stop Ahead								1	1		
1225	352+00	STH 133, Left	J1-1	24" x 39"	Junction Assembly	Jct CTH C			1		6.50					
1226	353+00	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
1227R	353+70	STH 133, Left	M2-1	21" x 15"	Junction Marker								1	1		
			M1-5A	24" x 24"	County Marker	C							1			
1301	371+75	STH 133, Left	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	50					2.25					
1302R	372+80	STH 133, Right	W1-2L	30" x 30"	Left Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	45							1			
1303	374+65	STH 133, Left	W5-52L	12" x 36"	Clearance Striper Down Right		1				3.00					
1304R	374+65	STH 133, Left	W5-52L	12" x 36"	Clearance Striper Down Right								1	1		
1305	374+65	STH 133, Right	W5-52R	12" x 36"	Clearance Striper Down Left		1				3.00					
1306R	374+65	STH 133, Right	W5-52R	12" x 36"	Clearance Striper Down Left								1	1		
1307	376+00	STH 133, Left	W5-52R	12" x 36"	Clearance Striper Down Left		1				3.00					
1308R	376+00	STH 133, Left	W5-52R	12" x 36"	Clearance Striper Down Left								1	1		
1309R	376+00	STH 133, Right	W5-52L	12" x 36"	Clearance Striper Down Right								1	1		
1310	376+00	STH 133, Right	W5-52L	12" x 36"	Clearance Striper Down Right		1				3.00					
1311	379+00	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	45					2.25					
1312R	379+10	STH 133, Left	W1-4L	30" x 30"	Left Reverse Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	50							1			
1313R	380+30	STH 133, Right	M2-1	21" x 15"	Junction Marker								1	1		
			M1-5A	24" x 24"	County Marker	K							1			
1314	381+00	STH 133, Right	J1-1	24" x 39"	Junction Assembly	Jct CTH K			1		6.50					
1315	386+25	STH 133, Right	D7-54	48" x 36"	Boat Landing (1/2) Mile				1		12.00					
1316	389+00	STH 133, Left	J4-1	24" x 36"	Reass Assem (1 Headed Rte Panel)	South STH 133			1		6.00					
1317R	389+45	STH 133, Right	M1-5A	24" x 24"	County Marker	C							1	1		
			M6-1	21" x 21"		Arrow Right							1			
1318	389+45	STH 133, Right	J13-1	24" x 45"	Direct W/O Card (1 Headed Rte Panel)	CTH K Arrow Right			1		7.50					
1319	389+65	STH 133, Right	R1-1	30" x 30"	Stop				1		5.18					
1320R	389+65	STH 133, Right	R1-1	30" x 30"	Stop								1	1		
1401R	390+25	STH 133, Right	R1-1	30" x 30"	Stop								1	1		
1402	390+25	STH 133, Right	R1-1	30" x 30"	Stop				1		5.18					
1403	390+30	STH 133, Right	J13-1	24" x 45"	Direct W/O Card (1 Headed Rte Panel)	STH 133 Directional Arrows Left - Right			1		7.50					
1404R	390+25	STH 133, Left	M6-4	21" x 21"	Directional Arrows Left - Right								1	1		
			M1-6	24" x 24"	State Route Marker	133							1			
1405	390+25	STH 133, Left	W1-7	48" x 24"	Night Arrow (Double)			1			8.00					
1406	390+60	STH 133, Left	J13-1	24" x 45"	Direct W/O Card (1 Headed Rte Panel)	CTH K Arrow Left			1		7.50					
1407R	390+60	STH 133, Left	M1-5A	24" x 24"	County Marker	K							1	1		
			M6-1	21" x 21"		Arrow Left							1			
1408R	391+00	STH 133, Right	I55-56	30" x 36"	Adopt A Highway	WOODMAN IN MEMORY OF JANEAN MILLER							1	1		
						WOODMAN IN MEMORY OF JANEAN MILLER										
1409	391+00	STH 133, Right	I55-56	30" x 36"	Adopt A Highway				1		7.50					
1410	391+10	STH 133, Right	J4-1	24" x 36"	Reass Assem (1 Headed Rte Panel)	North STH 133			1		6.00					
1411R	391+65	STH 133, Right	M3-1	24" x 12"	North Cardinal Route Marker								1	1		
			M1-6	24" x 24"	State Route Marker	133							1			
Sheet Totals							4	1	16	0	137.36	0	28	18	0	

STATE PROJECT NO: 5589-01-73

HWY: STH 133

COUNTY: GRANT

SIGNING QUANTITIES

SHEET NO:

E

FILE NAME :

PLOT DATE :

PLOT BY :

PLOT NAME :

ORG DATE :

ORIGINATOR : DIST _

PLOT SCALE : 1:1

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	DESCRIPTION	ORDER LINES	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.0202 SIGNS REFLECTIVE TYPE II SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	NOTES
1412R	392+85	STH 133, Right	D7-54	48" x 36"	Boat Landing (1/2) Mile								1	1		
1413R	398+10	STH 133, Left	W1-2R	30" x 30"	Right Curve								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	45							1			
1414	400+00	STH 133, Left	J1-1	24" x 39"	Junction Assembly	Jct CTH K			1		6.50					
1415R	401+30	STH 133, Left	M2-1	21" x 15"	Junction Marker								1	1		
			M1-5A	24" x 24"	County Marker	K							1			
1416	379+00	STH 133, Right	W1-4L	30" x 30"	Left Reverse Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	45					2.25					
1417	409+00	STH 133, Right	D7-56L	48" x 36"	Boat Landing / Arrow Left				1		12.00					
1418R	413+50	STH 133, Right	W1-1R	30" x 30"	Right Turn								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	30							1			
1419	413+75	STH 133, Left	R1-1	30" x 30"	Stop				1		5.18					
1420R	413+75	STH 133, Left	R1-1	30" x 30"	Stop								1	1		
1421R	414+65	STH 133, Left	D7-	---	Boat Landing								1	1		
1422R	414+65	STH 133, Left	D7-	---	Boat Landing								1			Mnted on back of 1421R
1423	419+00	STH 133, Right	W1-2R	30" x 30"	Right Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
1424	419+75	STH 133, Left	D7-56R	48" x 36"	Boat Landing / Arrow Right				1		12.00					
1501	424+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1502	424+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1503	425+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1504	425+01	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1505	425+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1506	425+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1507R	426+50	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Right							1	1		
1508	426+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1509	426+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1510	427+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1511	427+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1512	428+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1513	428+20	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1514	429+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1515	429+00	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1516	429+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1517	429+80	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1518R	430+50	STH 133, Left	W1-6	48" x 24"	Night Arrow (Single)	Arrow Left							1	1		
1519	430+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1520	430+60	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1521	431+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Right	1				3.00					
1522	431+40	STH 133, Left	W1-8	18" x 24"	Chevron	To the Left	1				3.00					
1523R	434+50	STH 133, Left	D7-54	48" x 36"	Boat Landing (1/2) Mile								1	1		
1524	437+70	STH 133, Left	W1-2L	30" x 30"	Left Curve				1		6.25					
			W13-1	18" x 18"	Advisory Speed Plate	35					2.25					
1525R	439+40	STH 133, Right	W14-3	48" x 36"	No Passing Zone								1	1		
1526	439+40	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00					
1527	441+00	STH 133, Left	D7-54	48" x 36"	Boat Landing (1/2) Mile				1		12.00					
1528R	446+40	STH 133, Left	W1-1L	30" x 30"	Left Turn								1	1		
			W13-1	18" x 18"	Advisory Speed Plate	30							1			
1701R	482+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone								1	1		
1702	482+00	STH 133, Left	W14-3	48" x 36"	No Passing Zone											
1703R	495+25	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
1704	495+25	STH 133, Left	W14-3	48" x 36"	No Passing Zone				1		6.00					
1705R	496+50	STH 133, Right	W14-3	48" x 36"	No Passing Zone								1	1		
1706	496+50	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00					
1801R	512+75	STH 133, Right	W14-3	48" x 36"	No Passing Zone								1	1		
1802	512+75	STH 133, Right	W14-3	48" x 36"	No Passing Zone				1		6.00					
1803R	522+40	STH 133, Right	R2-5a	24" x 30"	Reduced Speed Ahead											
			W13-1	18" x 18"	Advisory Speed Plate	35							1	1		
1804	528+20	STH 133, Right	W3-5	36" x 36"	Speed Limit Ahead (Arrow)	35			1		9.00					
1805M	526+20	STH 133, Right	I2-3	72" x 24"	Comm Pop Name Sign (with Number)	Woodman Population 96						1			2	Move to Sta 526+20
						Sheet Totals	20	0	14	0	172.18	1	22	16	2	
						Signing Totals	48	14	73	2	828.55	1	132	94	2	

STATE PROJECT NO: 5589-01-73

HWY: STH 133

COUNTY: GRANT

SIGNING QUANTITIES

SHEET NO:

E

FILE NAME :

PLOT DATE :

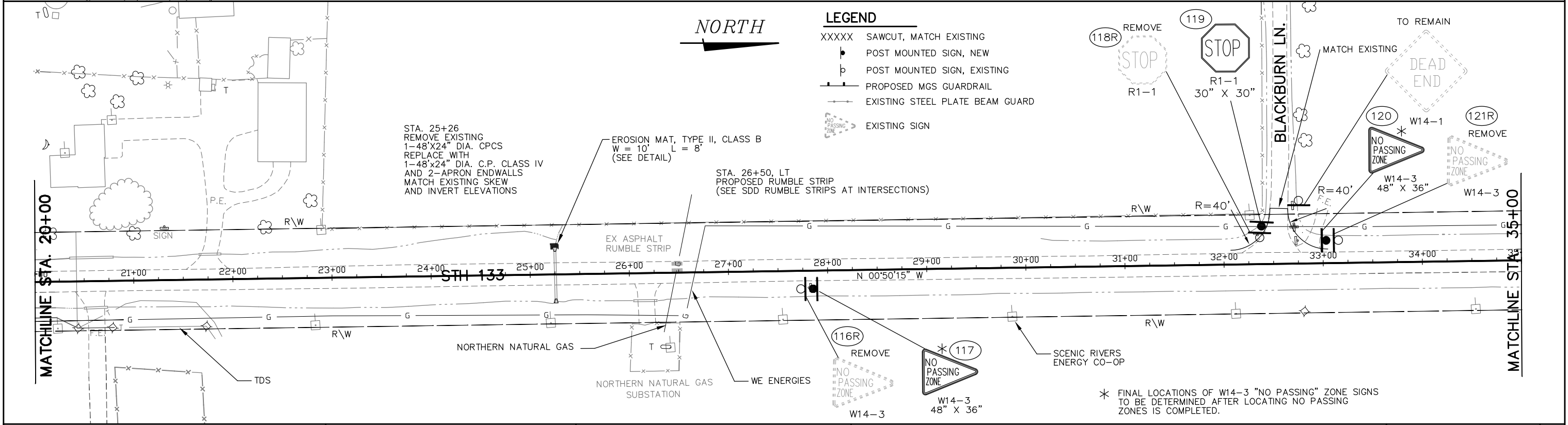
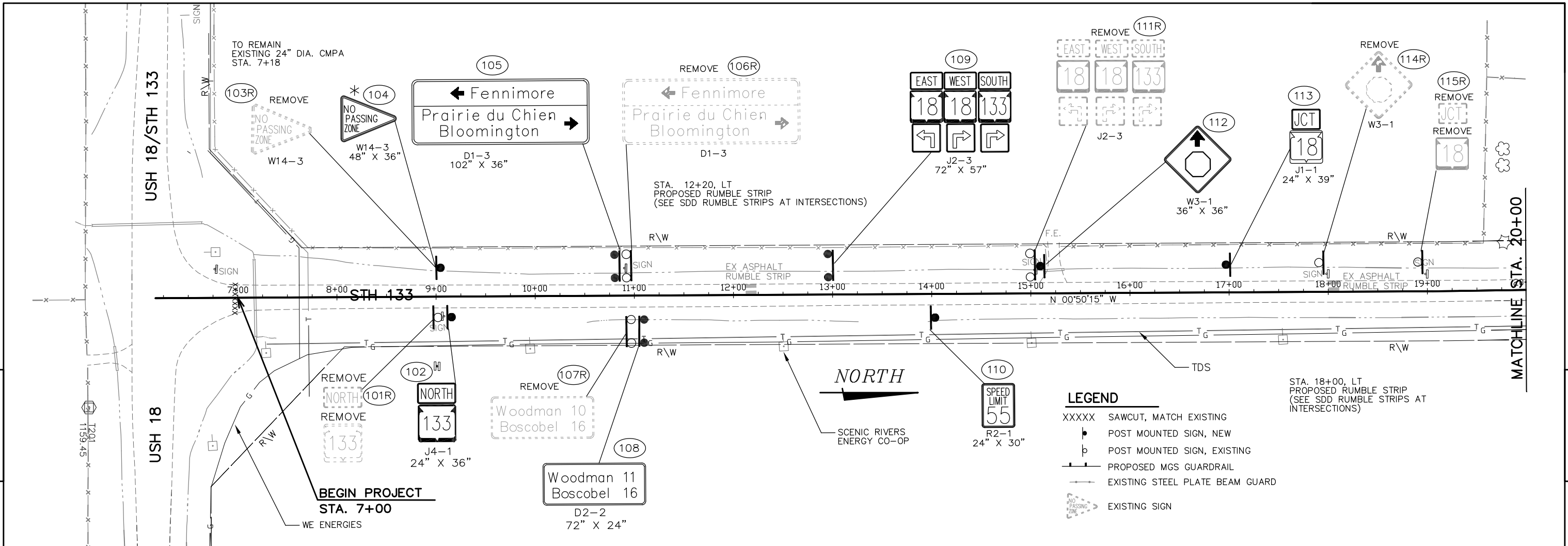
PLOT BY :

PLOT NAME :

ORG DATE :

ORIGINATOR : DIST _

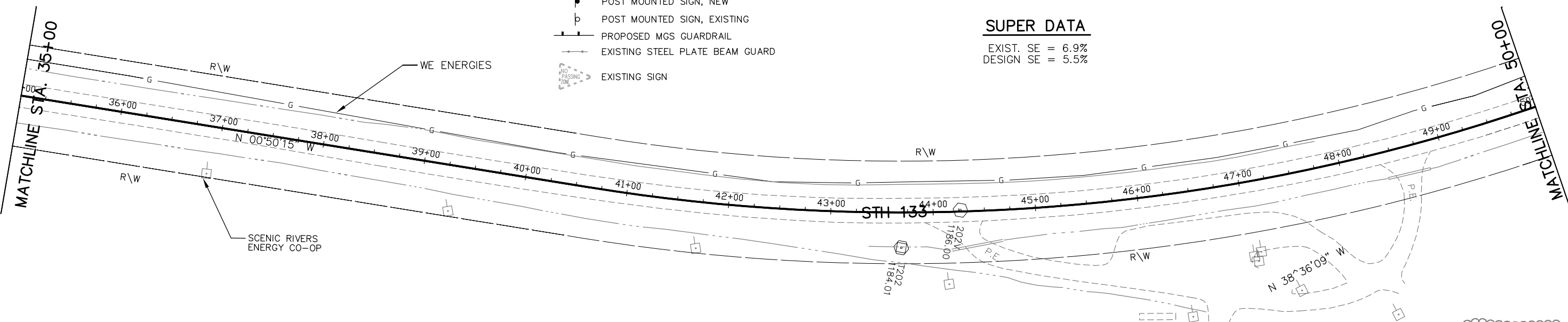
PLOT SCALE : 1:1



- LEGEND**
- XXXXX SAWCUT, MATCH EXISTING
 - POST MOUNTED SIGN, NEW
 - POST MOUNTED SIGN, EXISTING
 - PROPOSED MGS GUARDRAIL
 - EXISTING STEEL PLATE BEAM GUARD
 - EXISTING SIGN

SUPER DATA

EXIST. SE = 6.9%
DESIGN SE = 5.5%

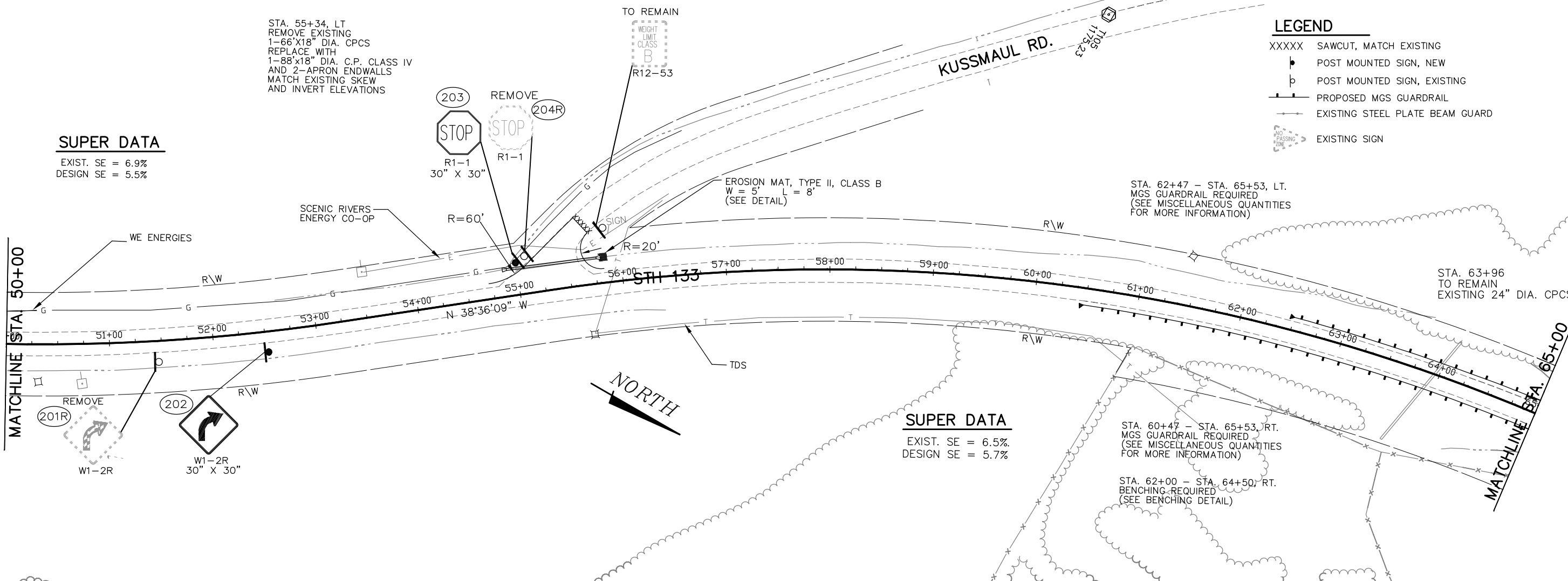


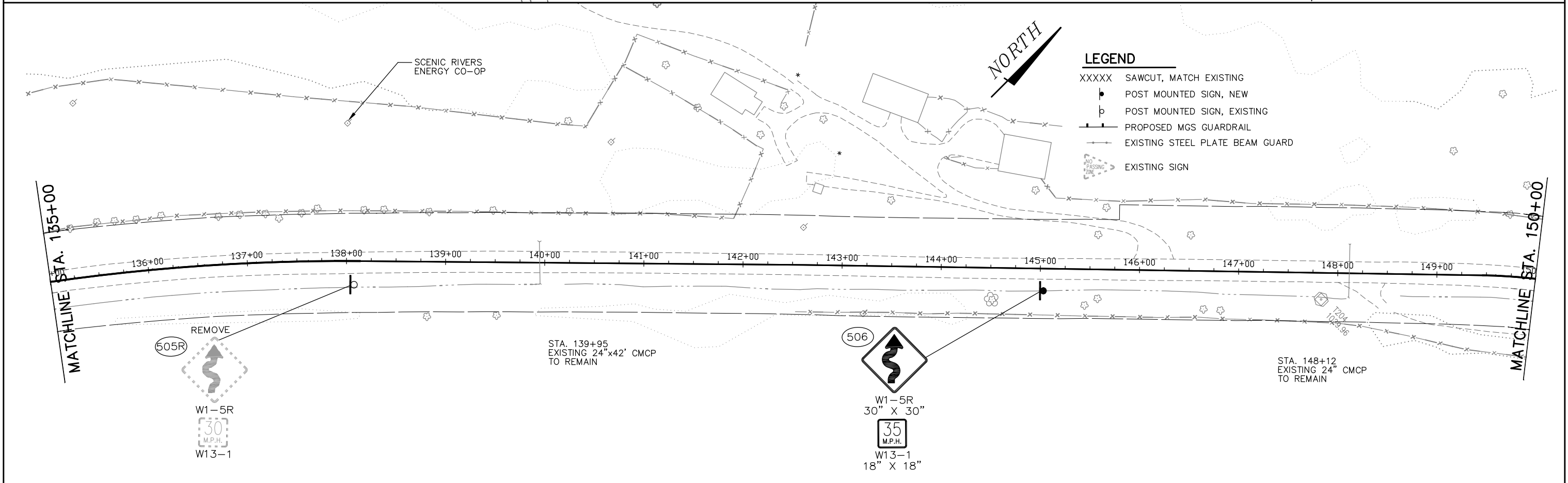
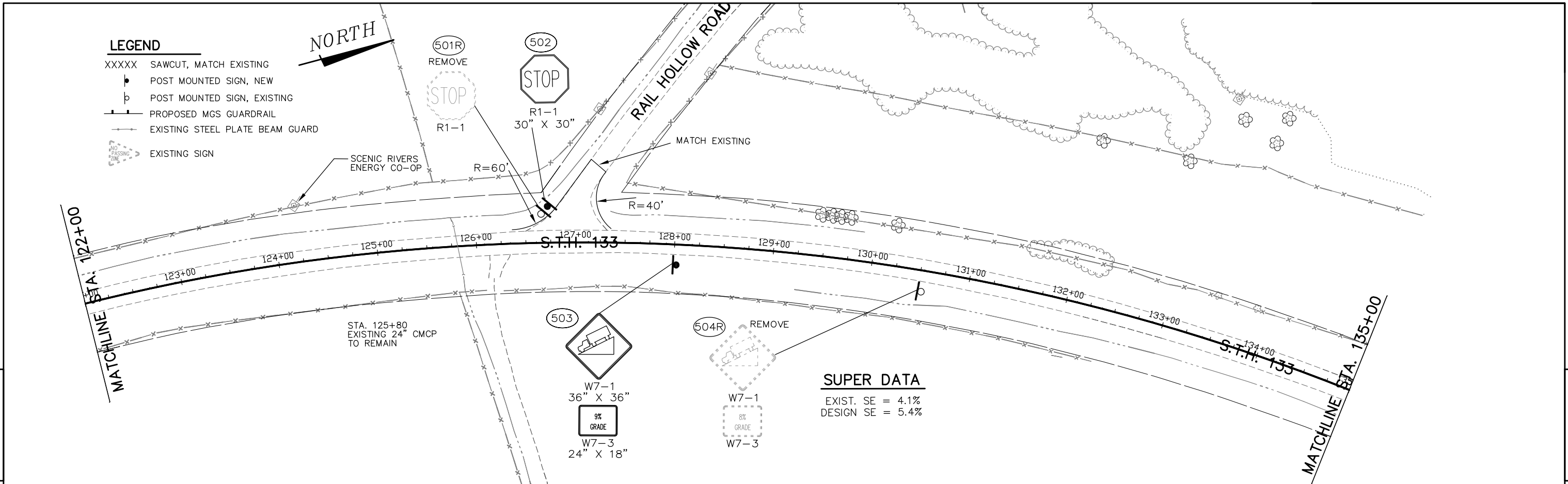
SUPER DATA

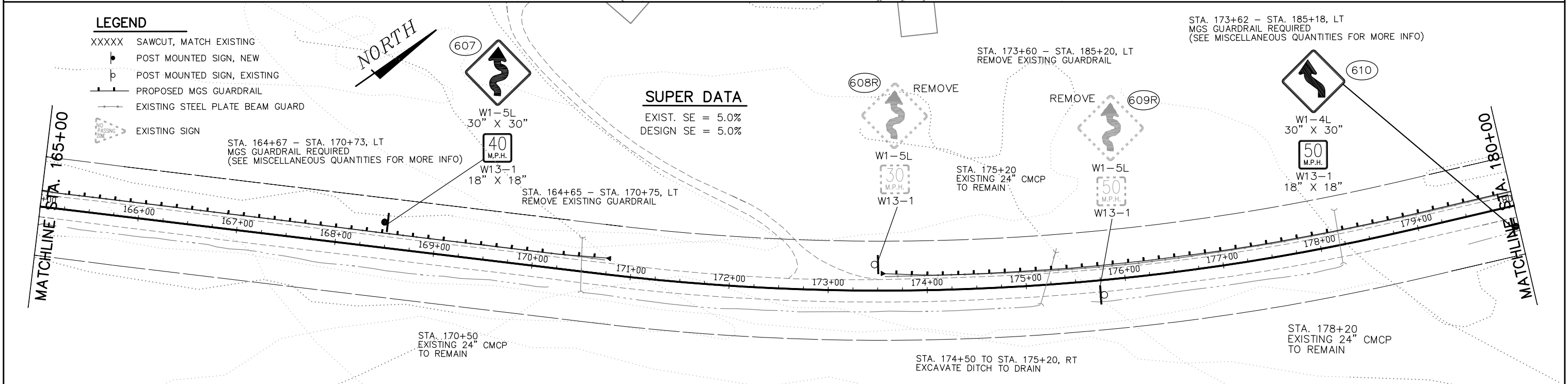
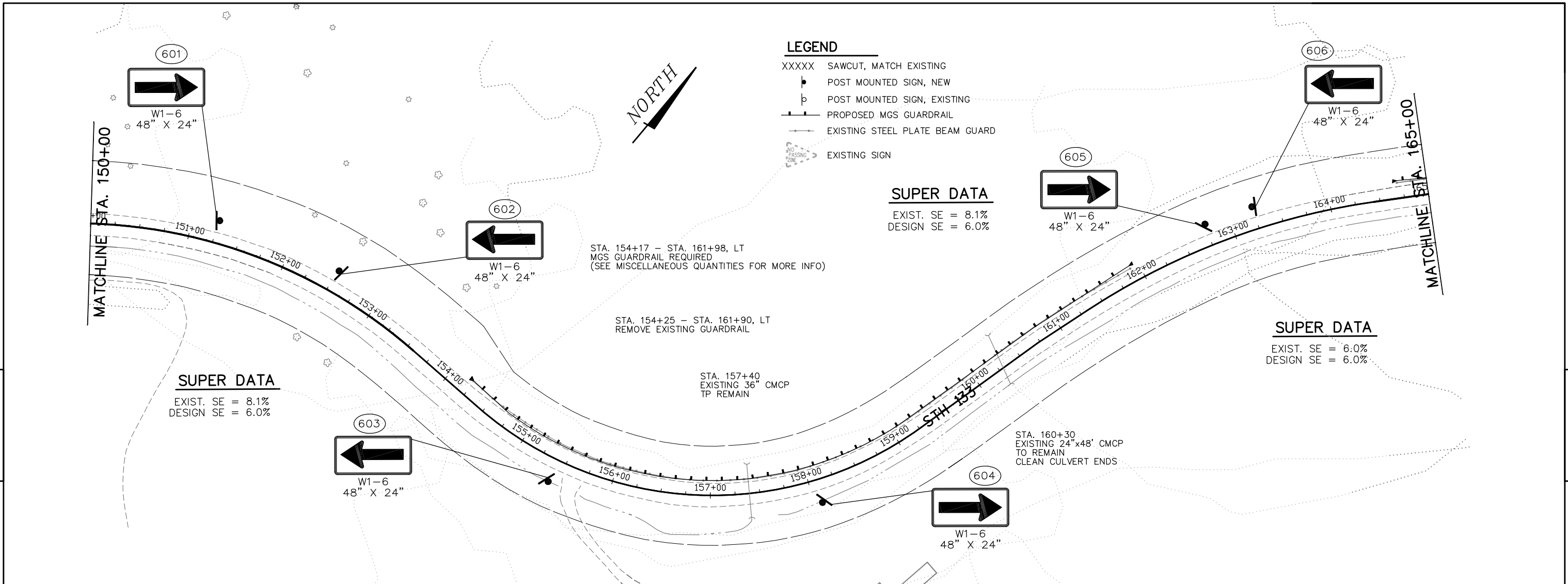
EXIST. SE = 6.9%
DESIGN SE = 5.5%

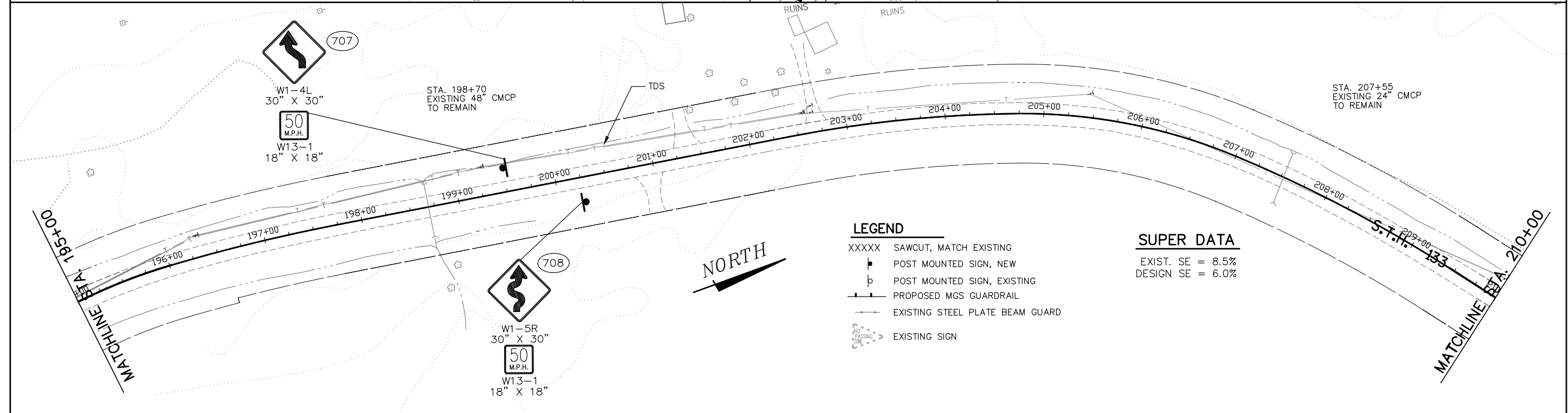
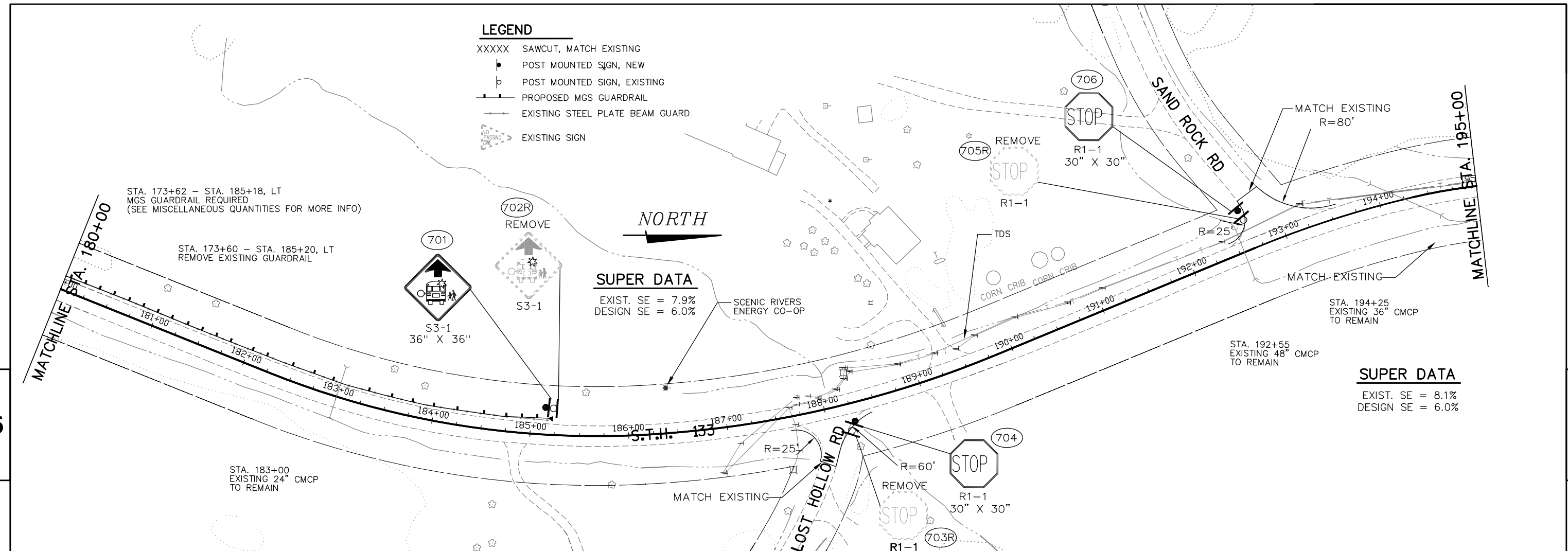
LEGEND

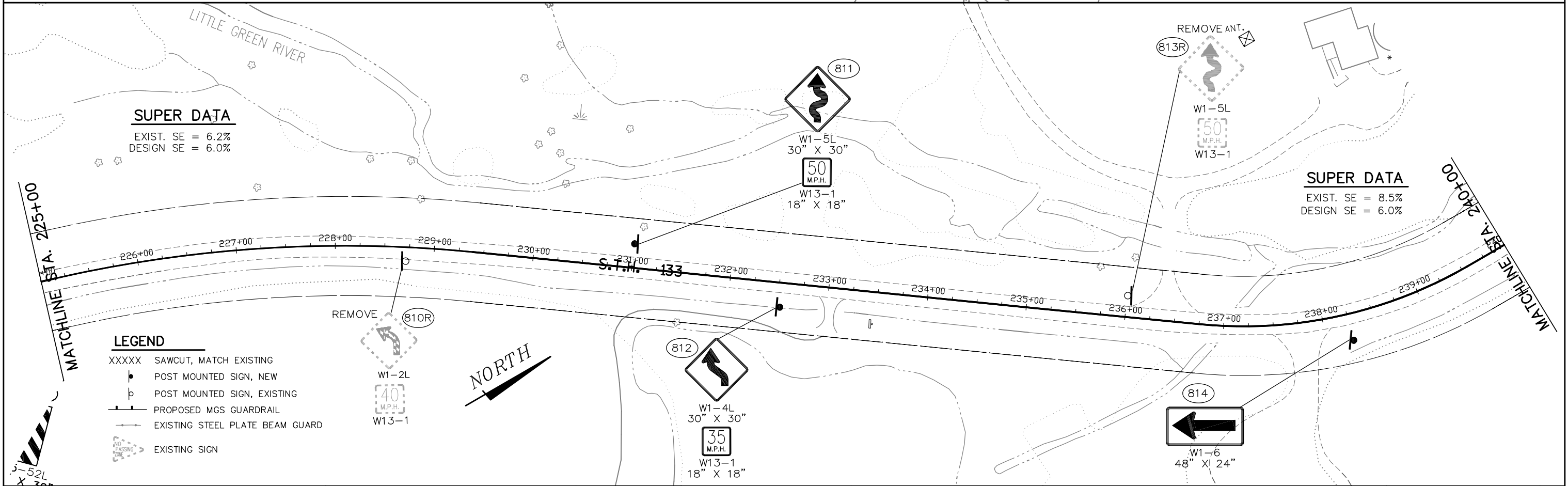
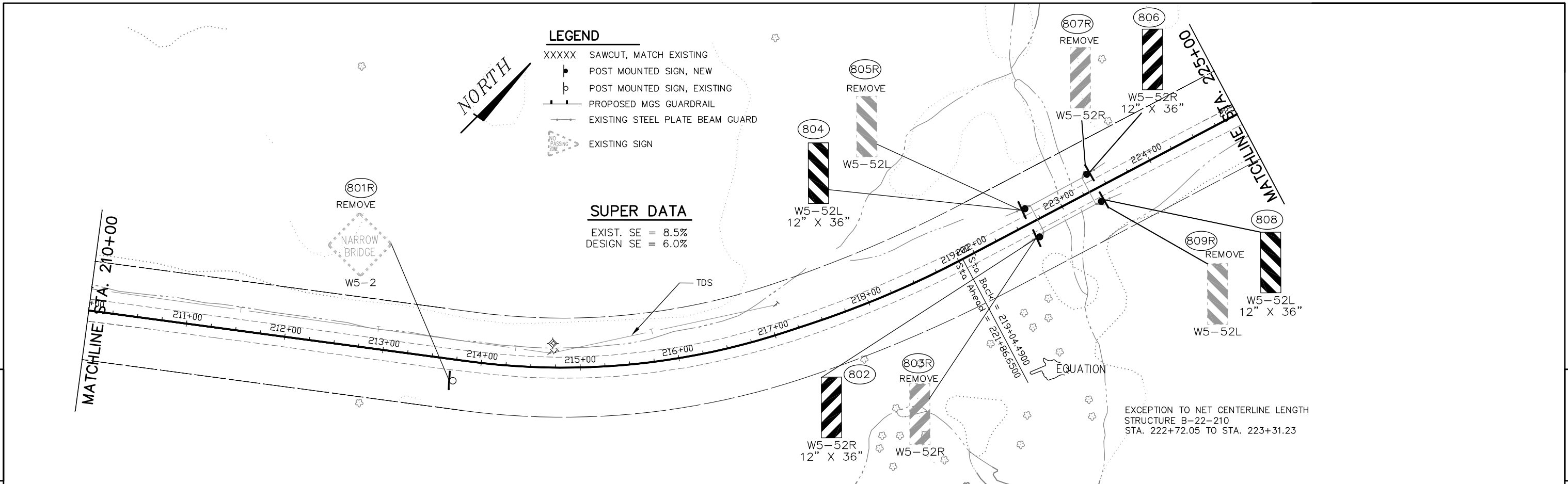
- XXXXX SAWCUT, MATCH EXISTING
- POST MOUNTED SIGN, NEW
- POST MOUNTED SIGN, EXISTING
- PROPOSED MGS GUARDRAIL
- EXISTING STEEL PLATE BEAM GUARD
- EXISTING SIGN

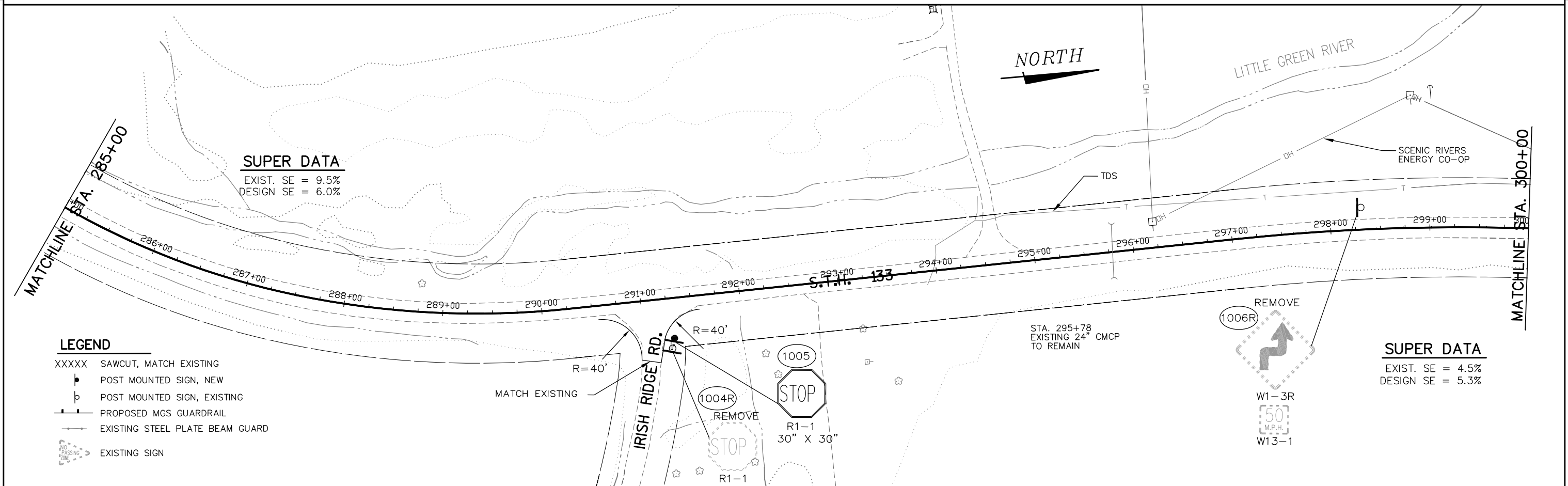
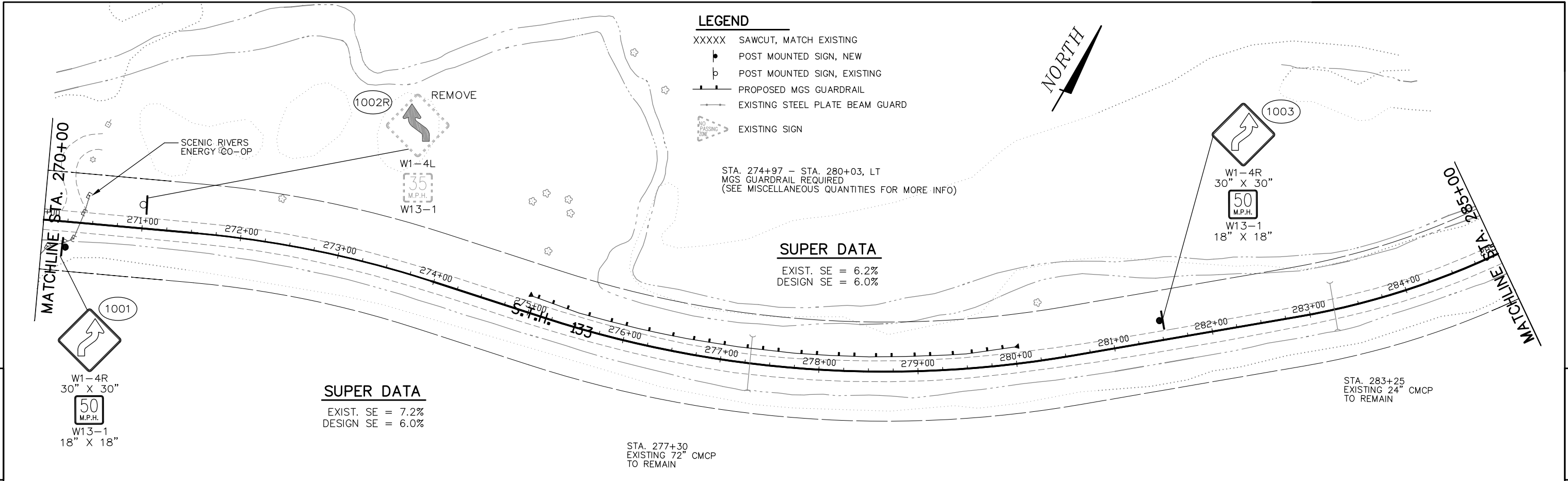


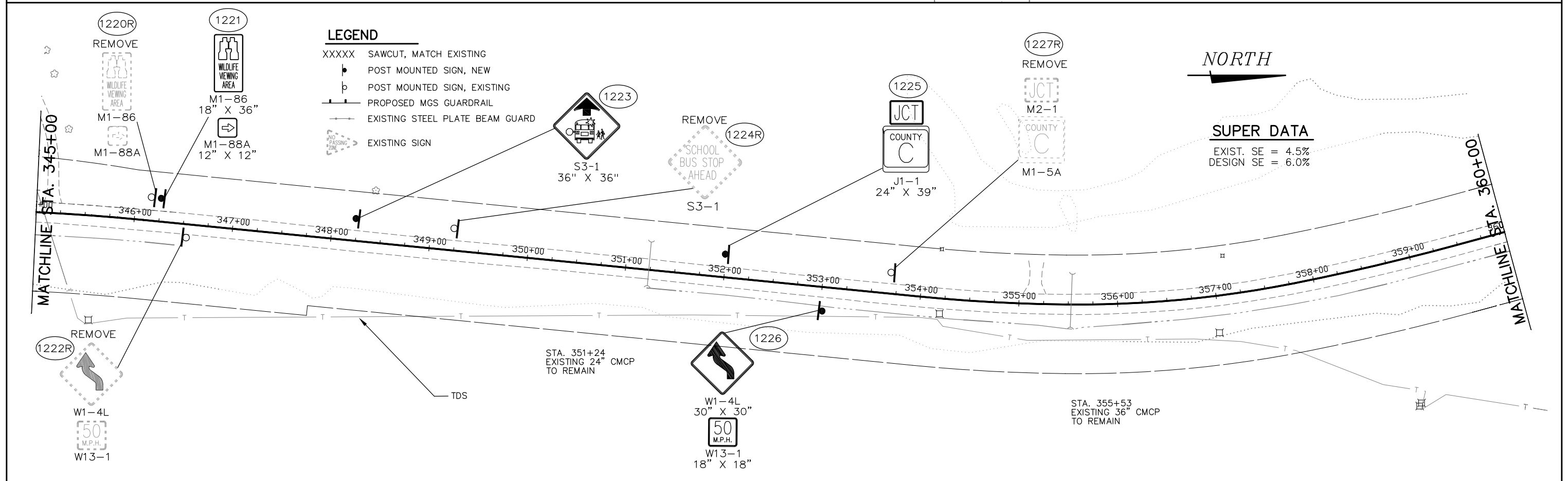
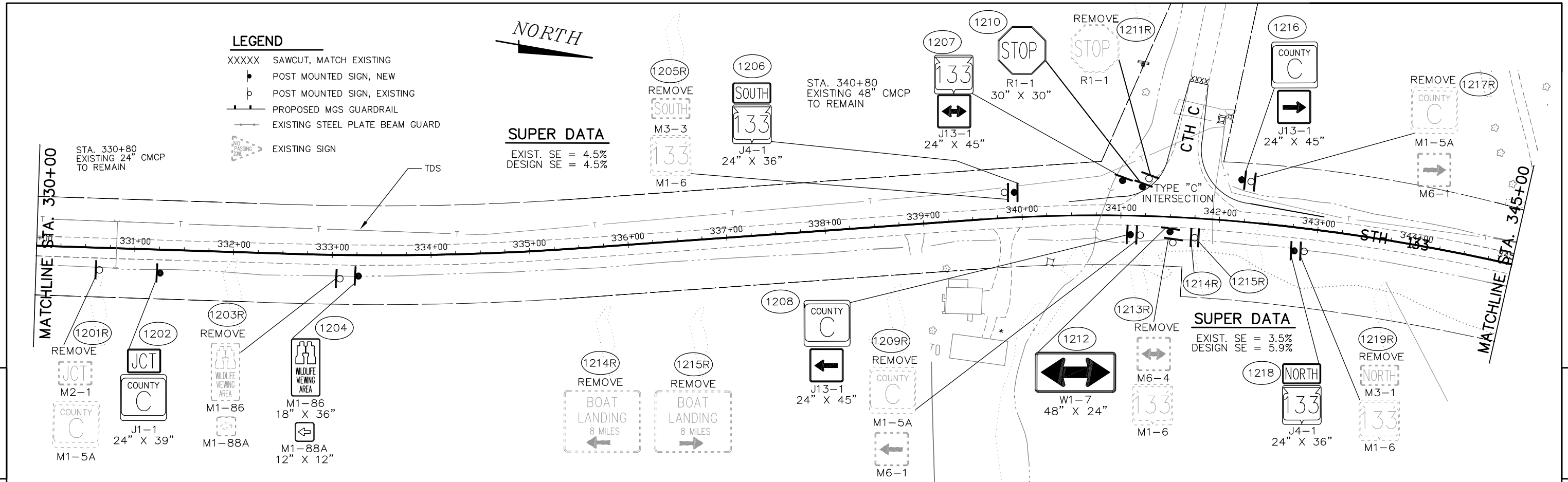


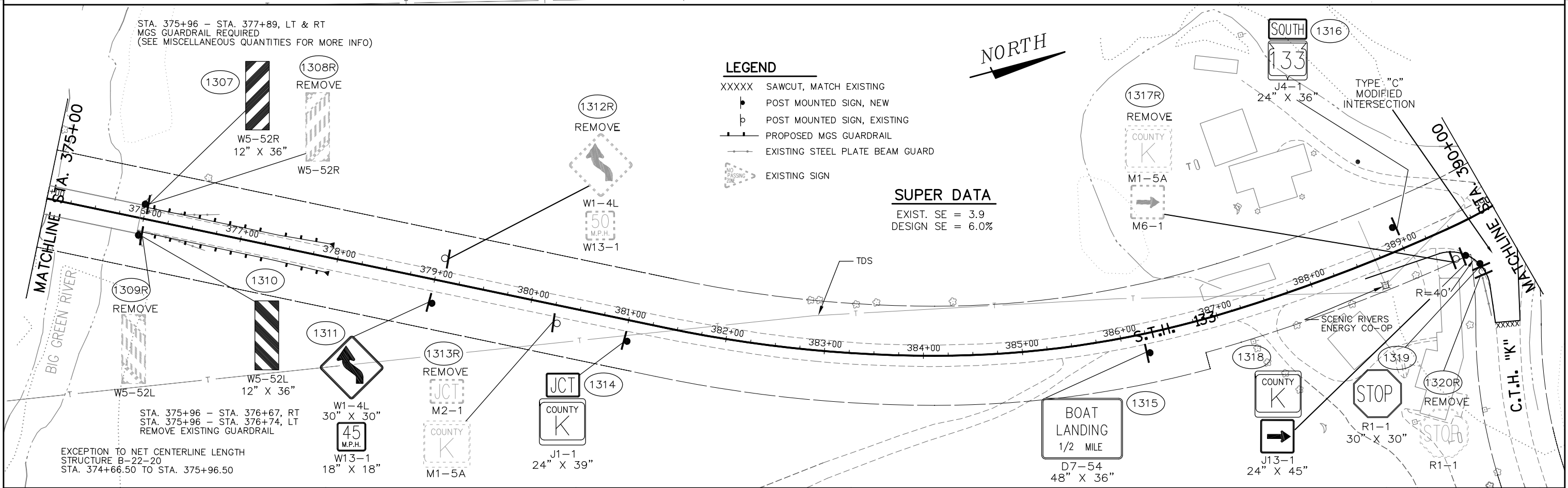
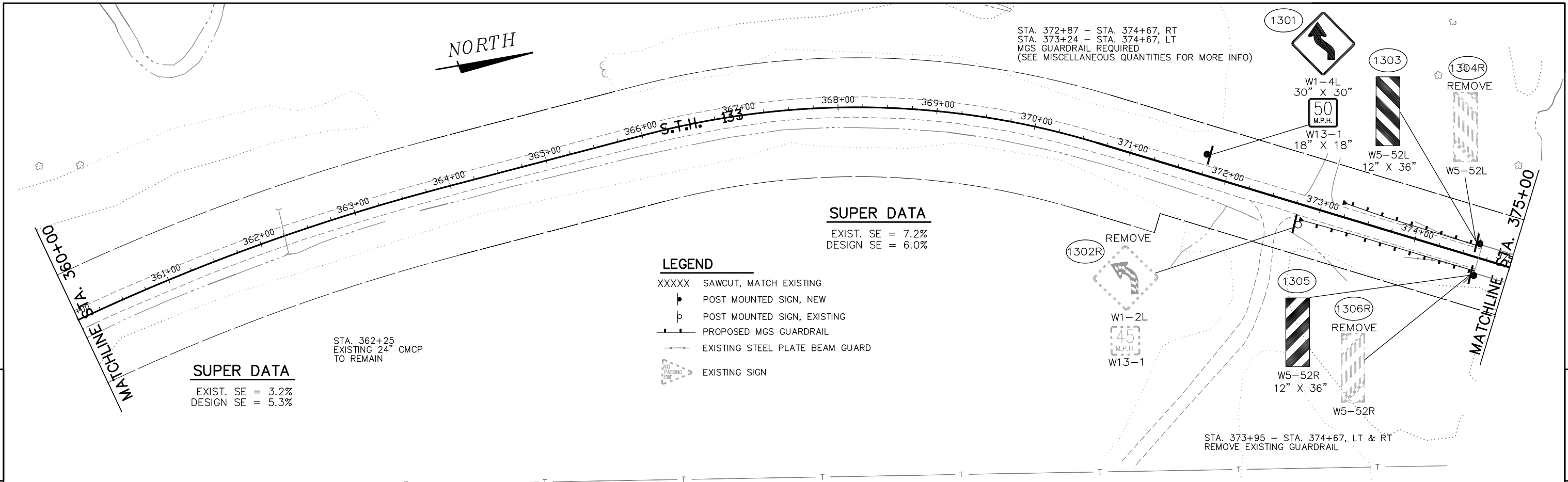


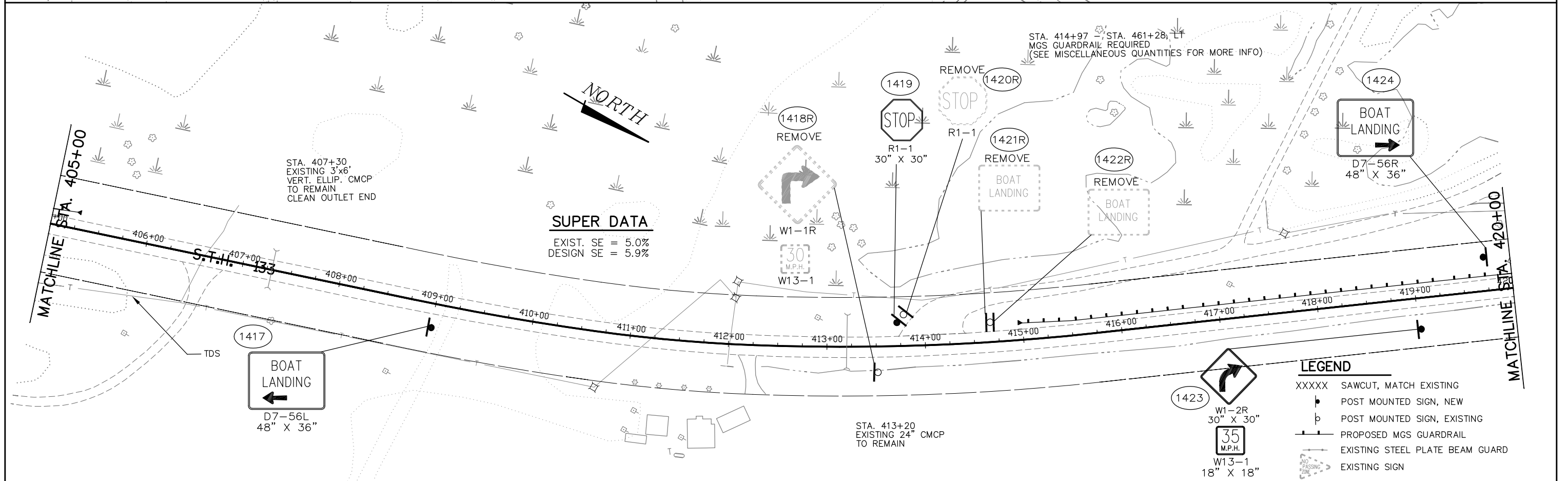
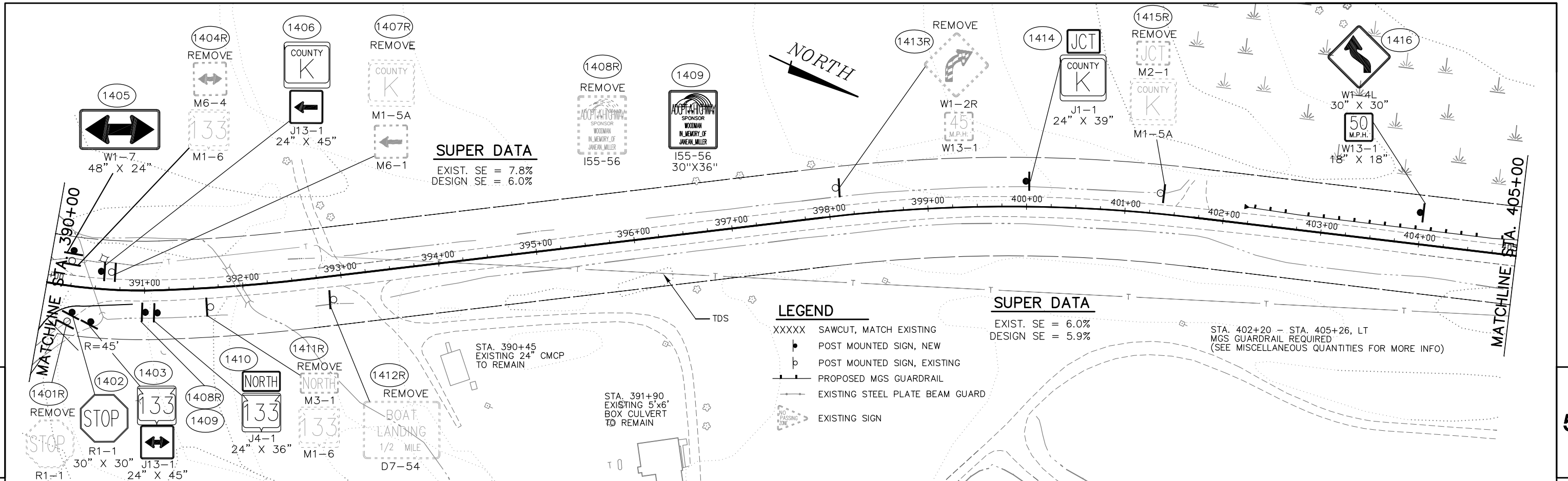


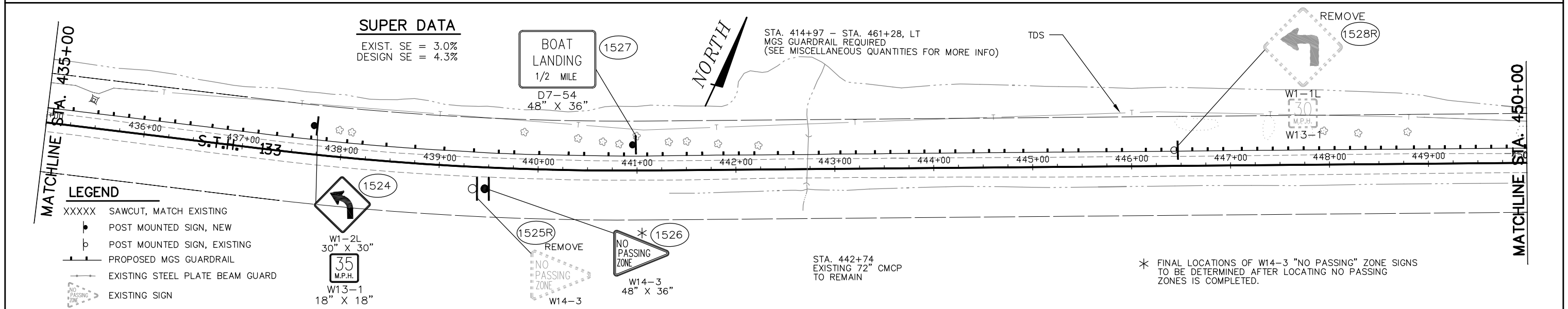
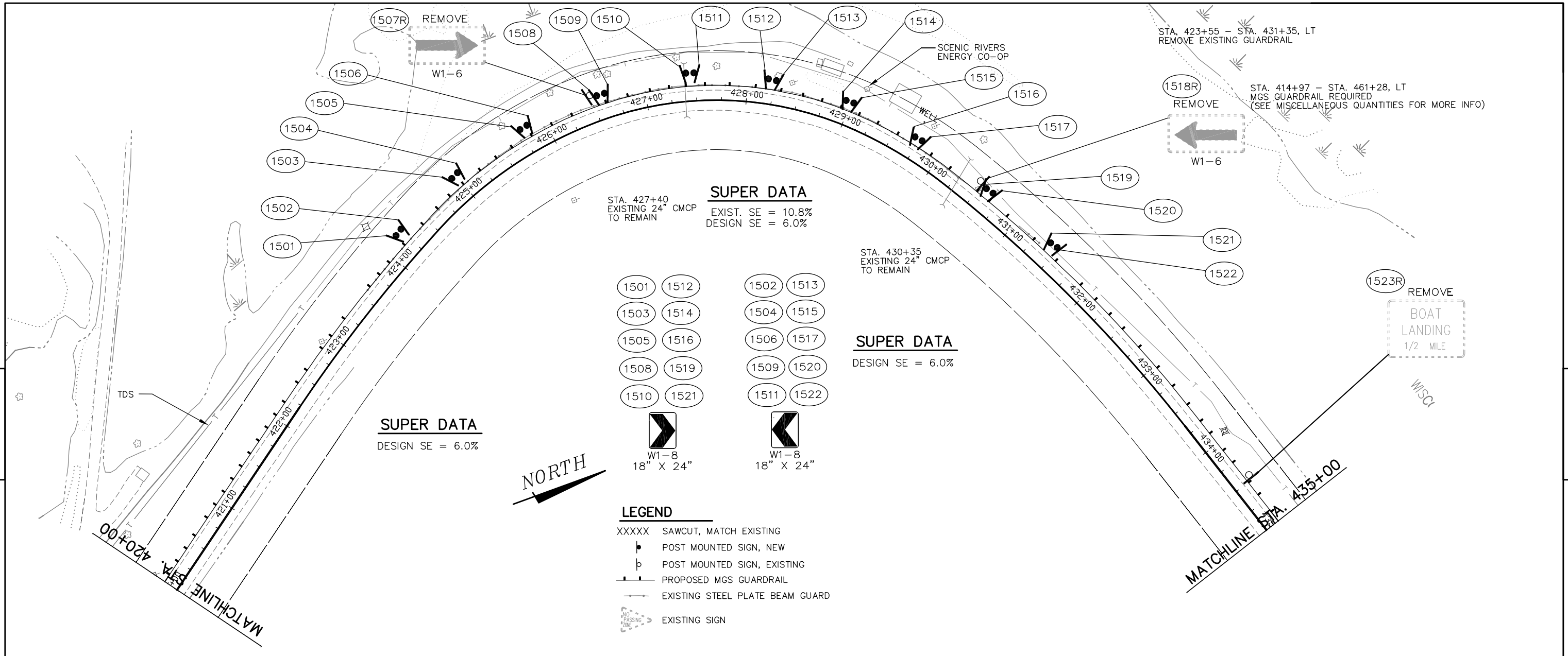


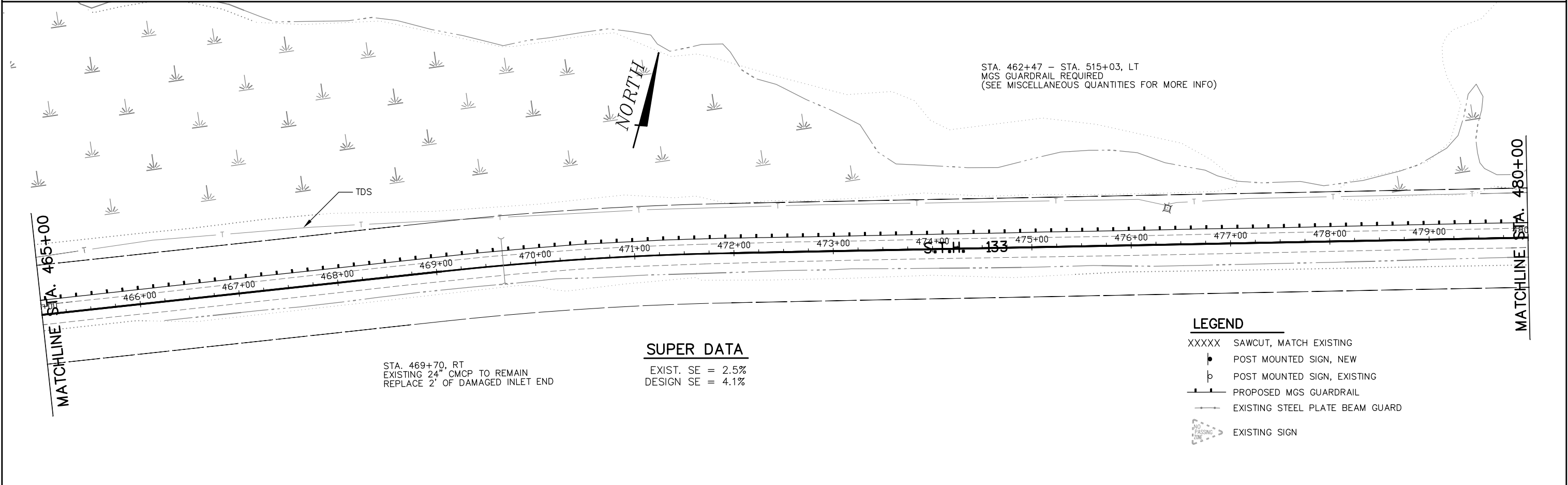
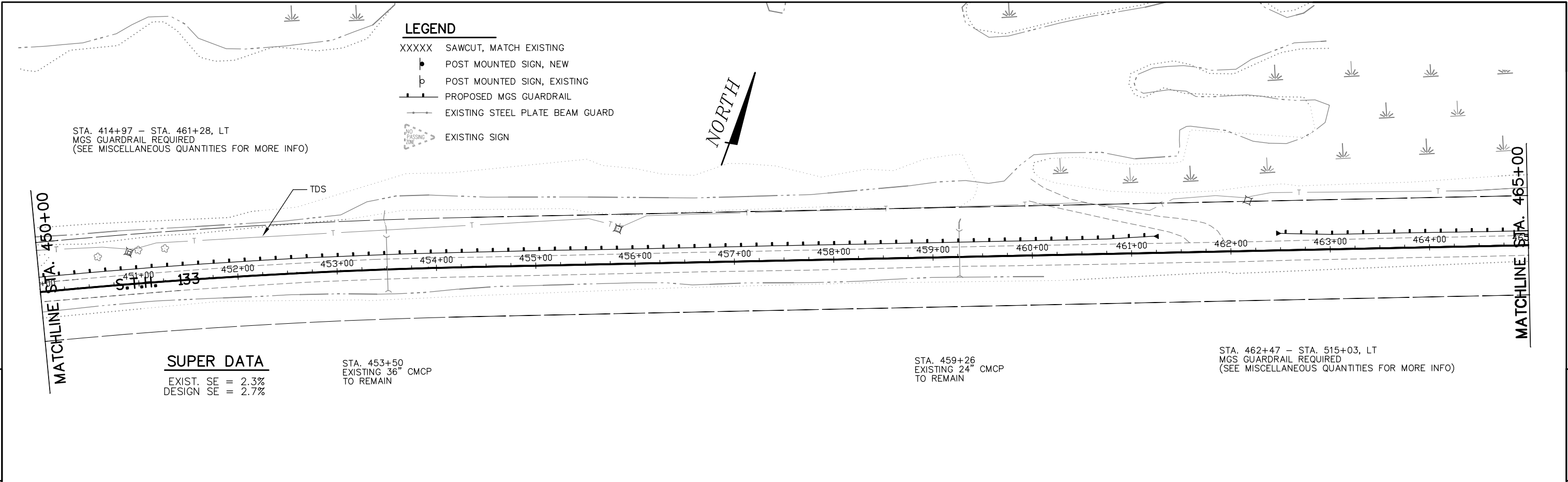


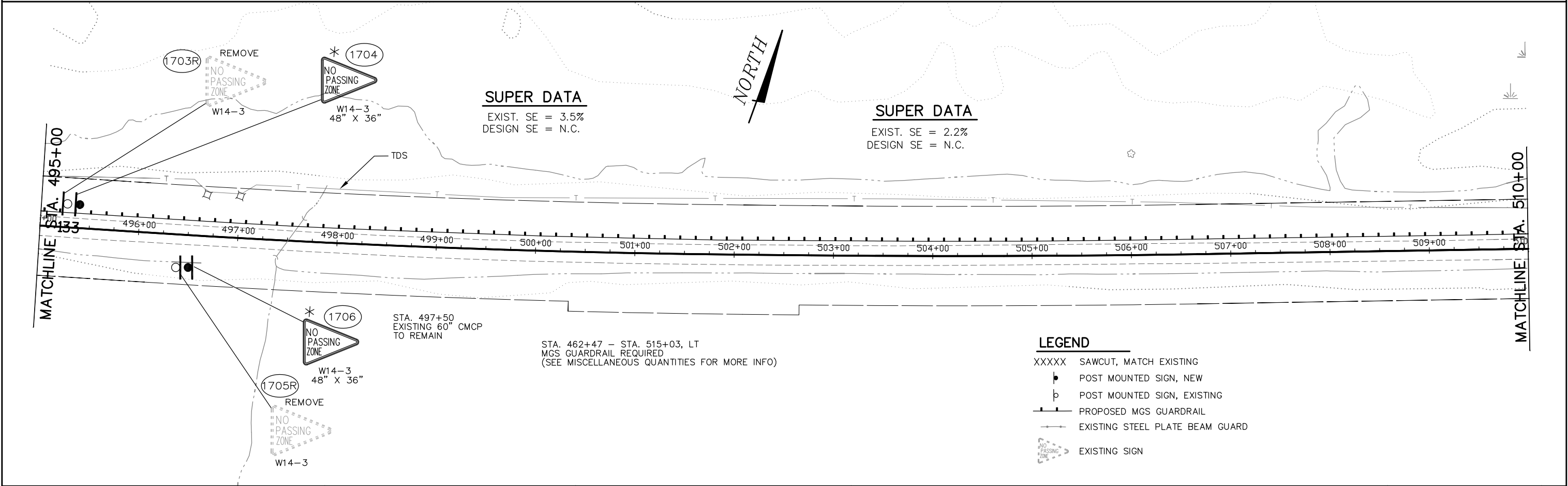
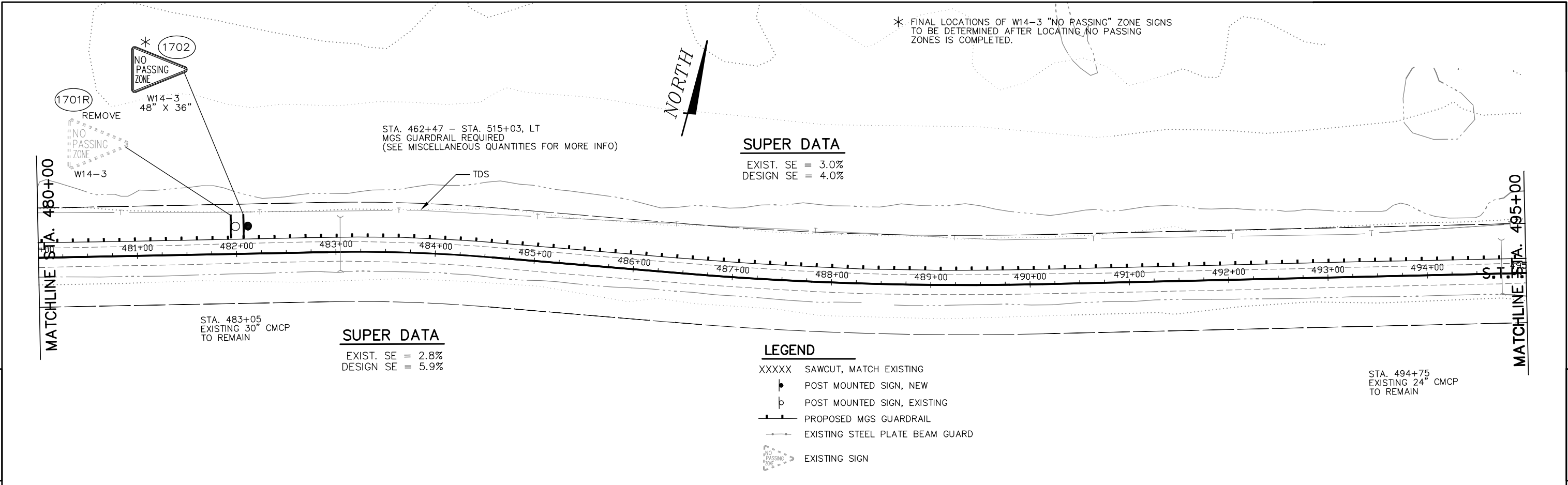


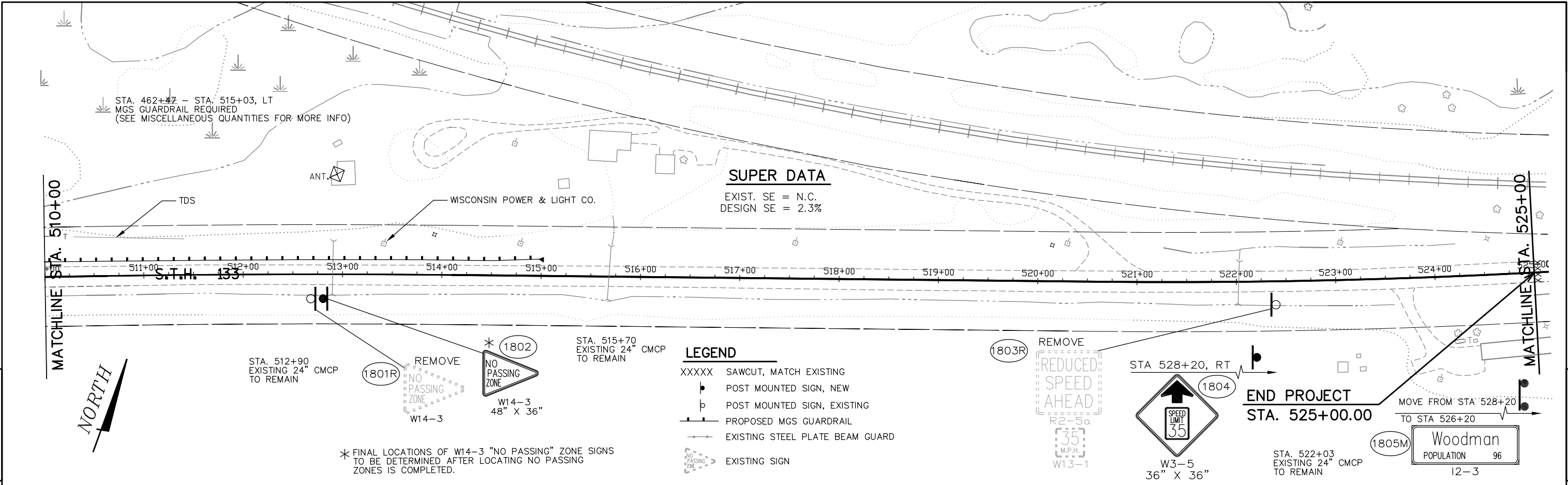






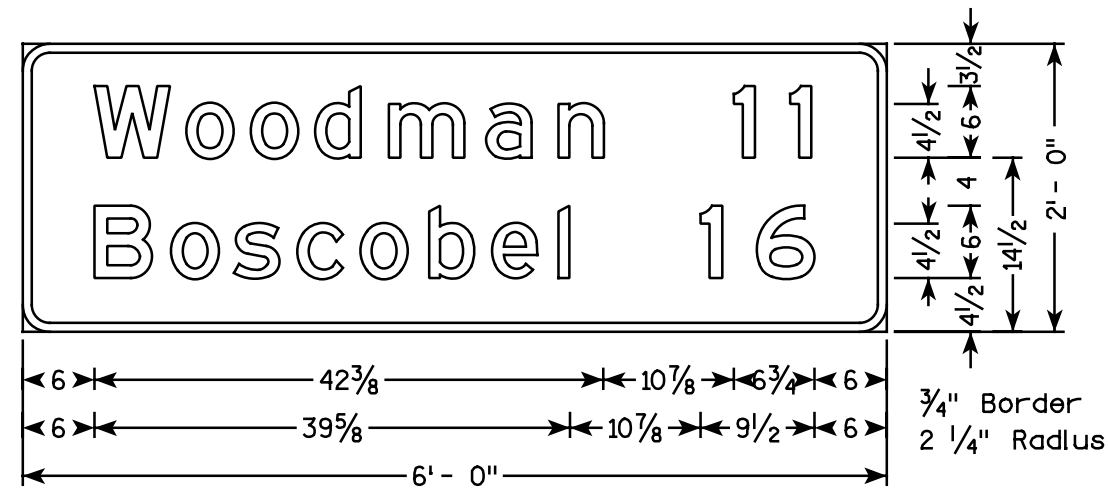




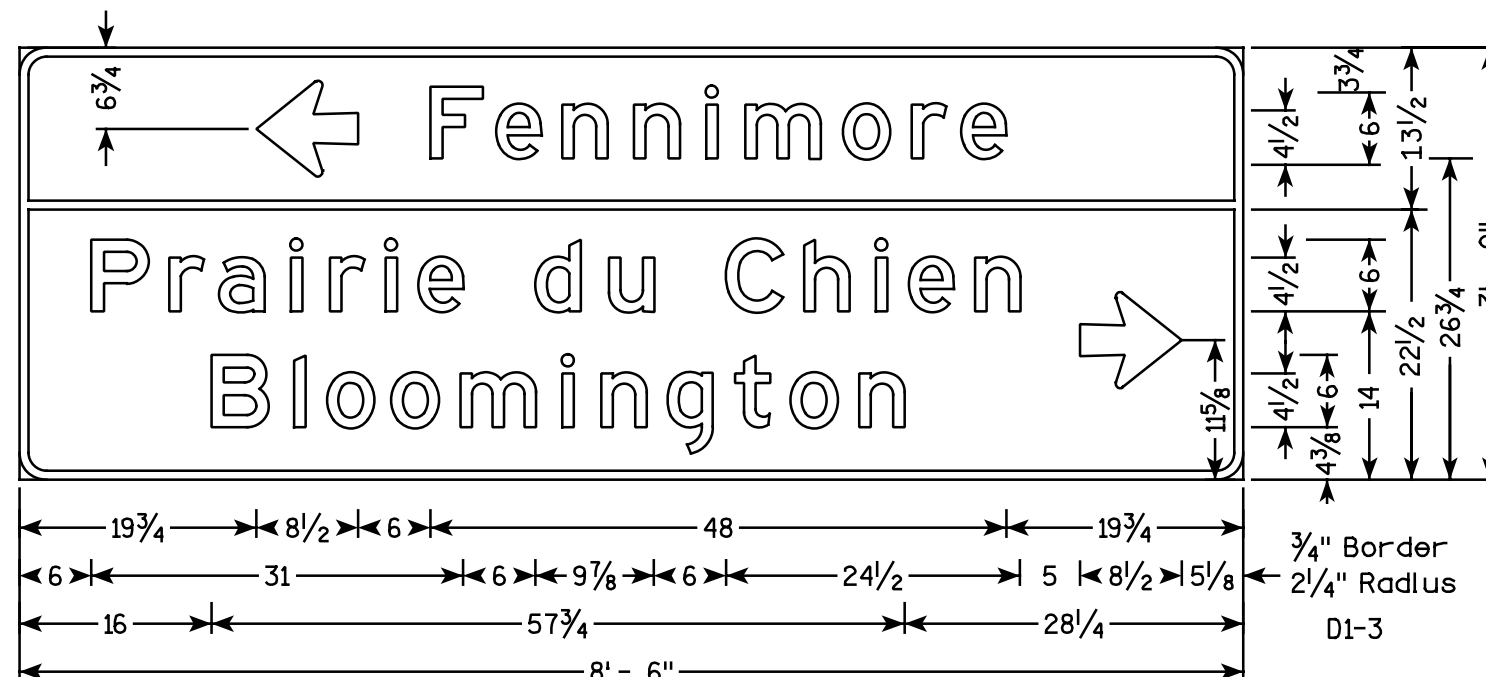


NOTES

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

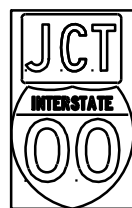


D2-2

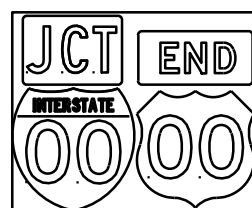


3/4" Border
2 1/4" Radius
D1-3

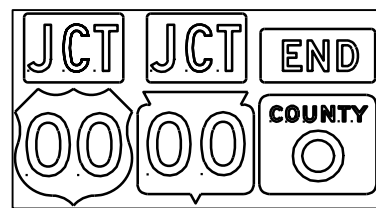
TYPICAL ASSEMBLIES



J1-1



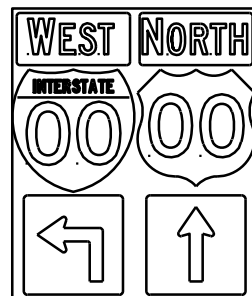
J1-2



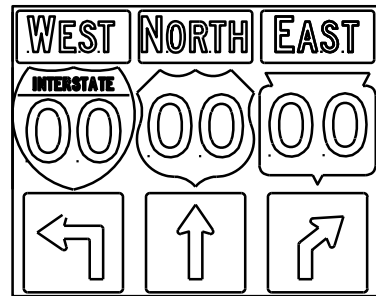
J1-3



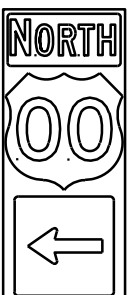
J2-1



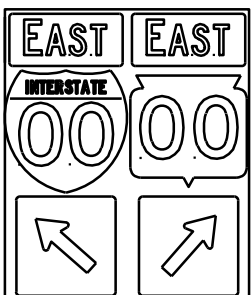
J2-2



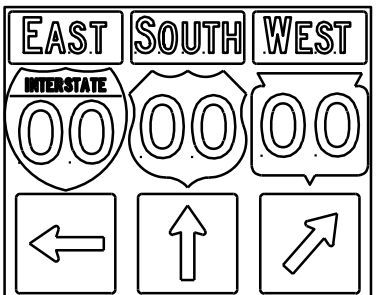
J2-3



J3-1



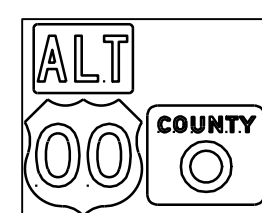
J3-2



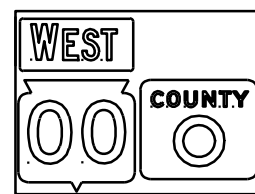
J3-3



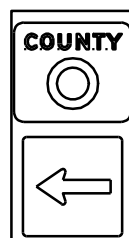
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1



J22-1

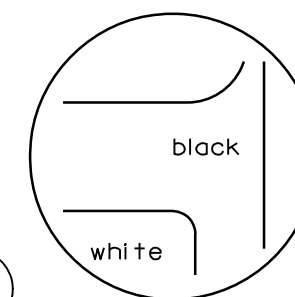
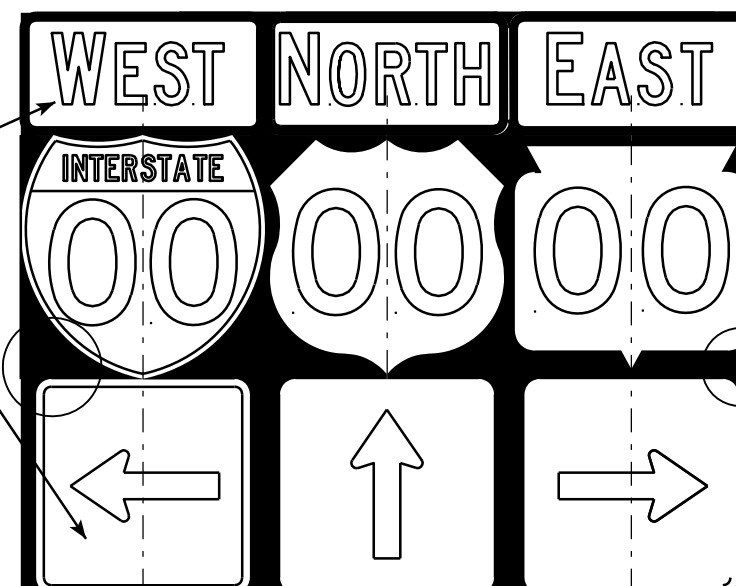
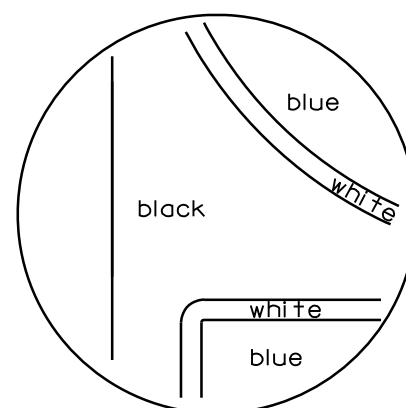


JV

NOTES

- Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - Black Non-reflective
Message - see Note 5
- Message Series - See Note 5
- Corners shall be square since base material is plywood.
- The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
- Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
- Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
- Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
- Route assemblies that have 36 inch shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.

[blue background with interstate]



[black background]

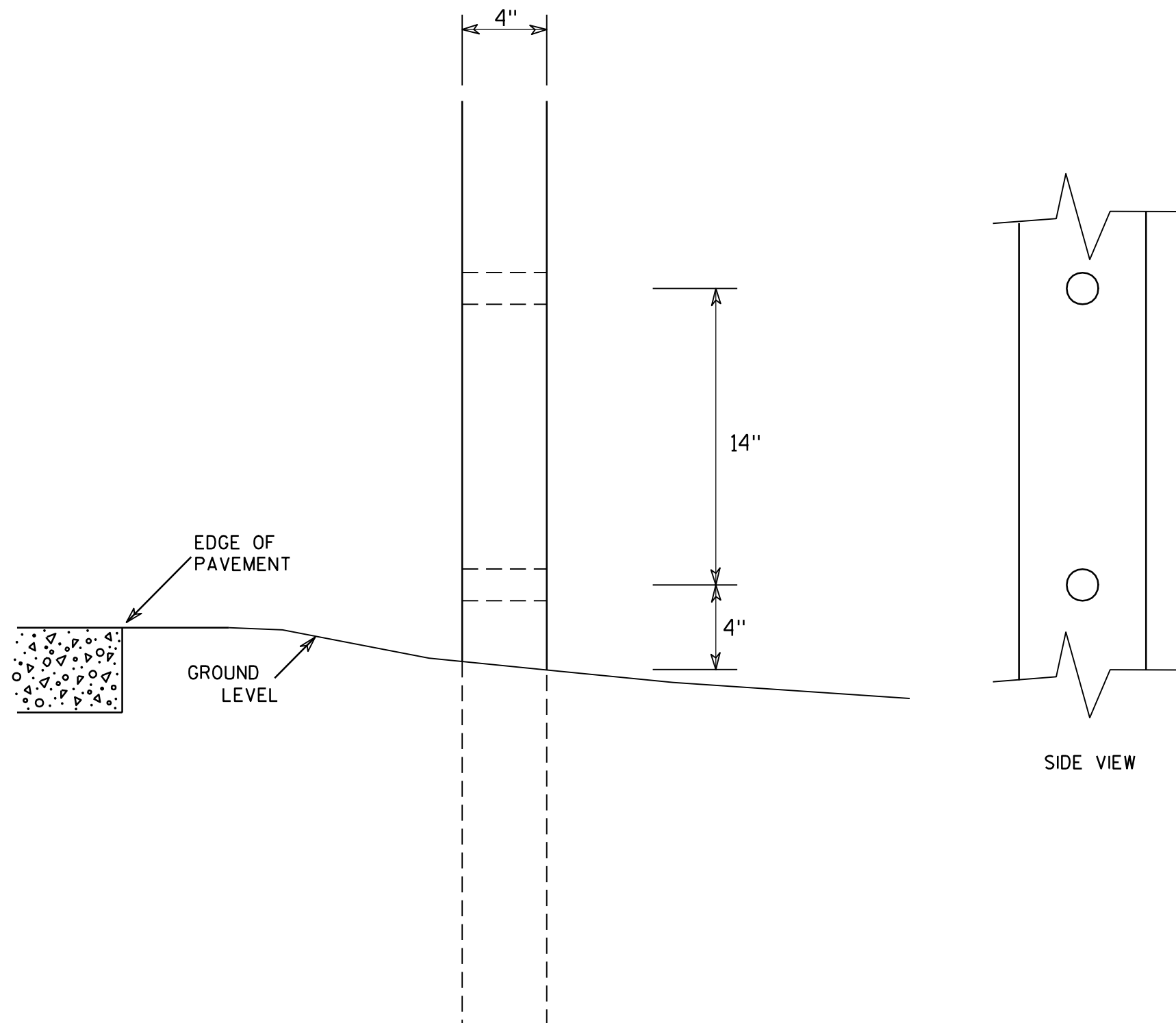
ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 10/21/09	PLATE NO. A2-1S.6

PROJECT NO:

SHEET NO:

E

7



GENERAL NOTES

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

7

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chester J. Spang
for State Traffic Engineer

DATE 3/27/97

PLATE NO. A4-11.2

PROJECT NO:

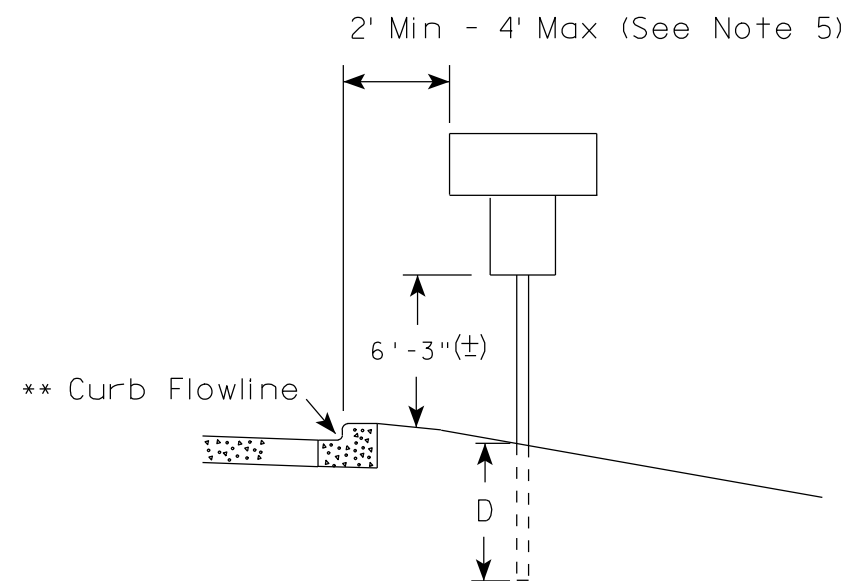
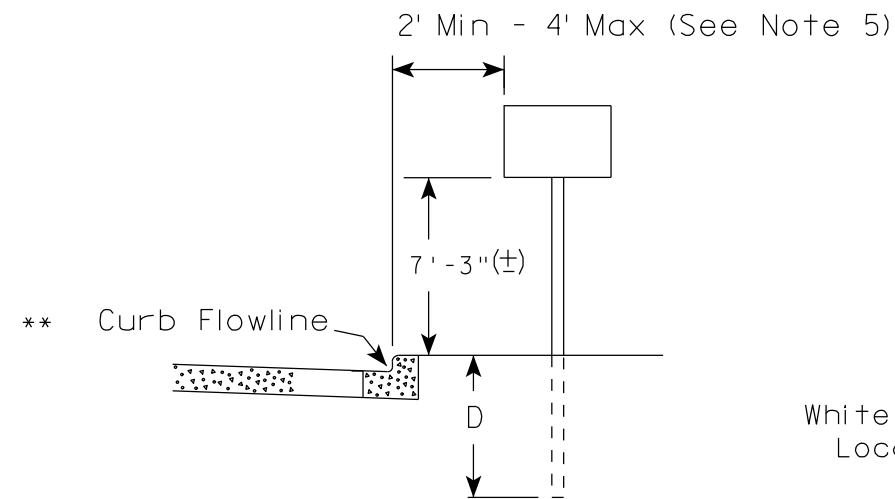
HWY:

COUNTY:

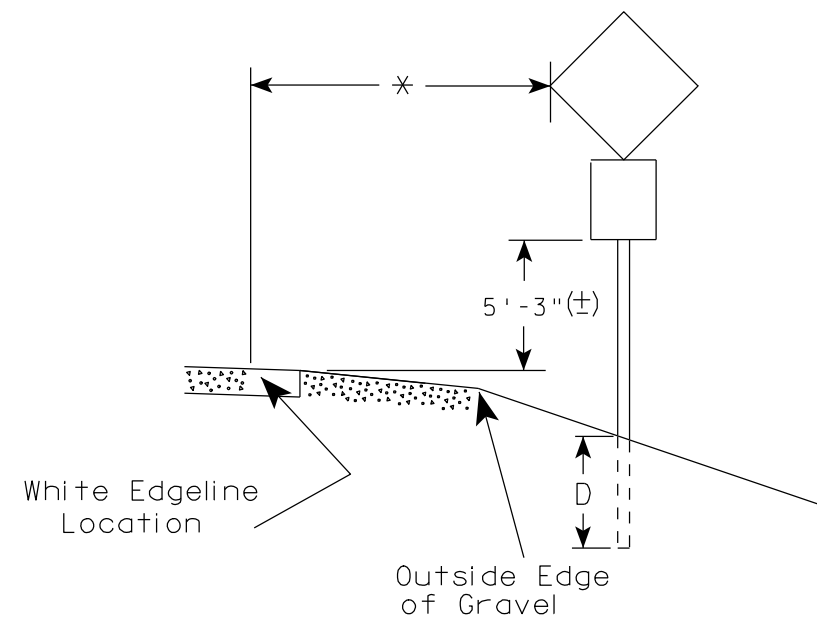
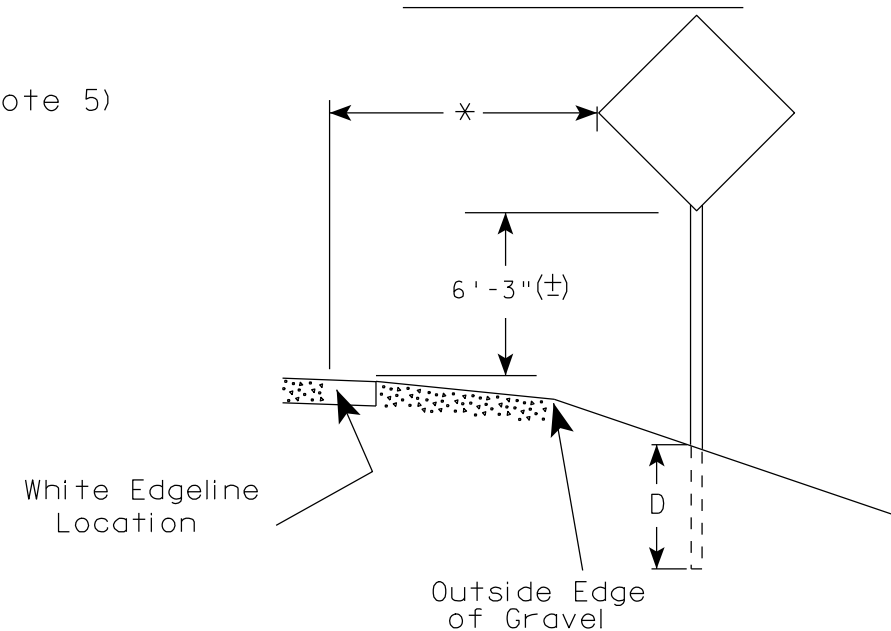
SHEET NO:

E

URBAN AREA



RURAL AREA (See Note 2)



POST EMBEDMENT DEPTH

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

GENERAL NOTES

1. Signs wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (±).

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

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

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

GENERAL NOTES

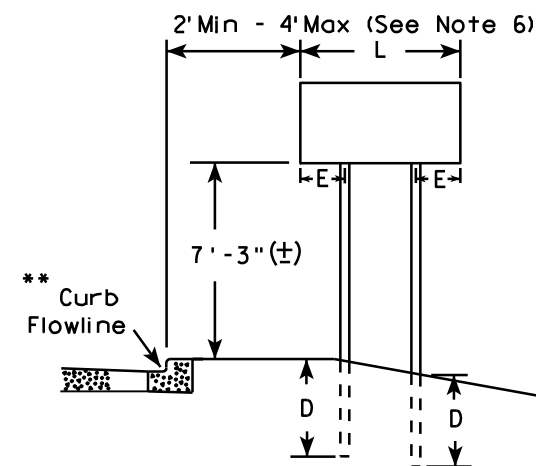
- For multiple post installations, individual post spacing shall be greater than 3'-6".
- See tables below for required number of posts.
- For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
- The (±) tolerance for mounting height is 3 inches.
- Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
- Offset distance shall be consistent with existing signs or consistent throughout length of project.
- Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4"-3" (±).

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

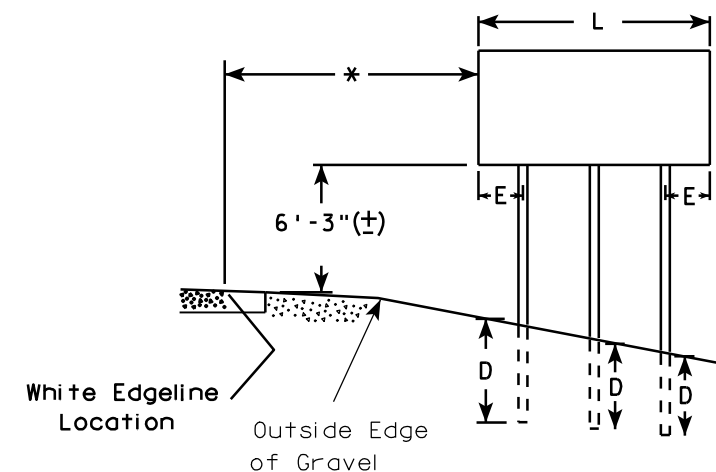
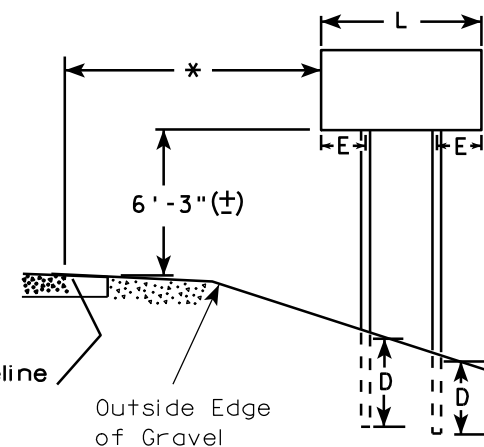
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs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

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

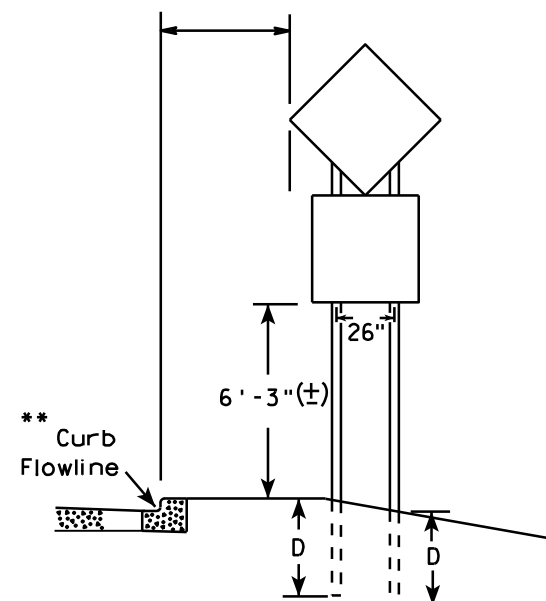
URBAN AREA



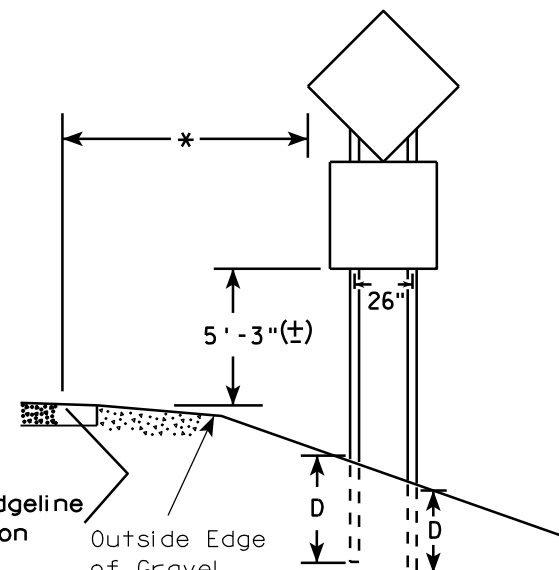
RURAL AREA (See Note 3)



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



48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

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

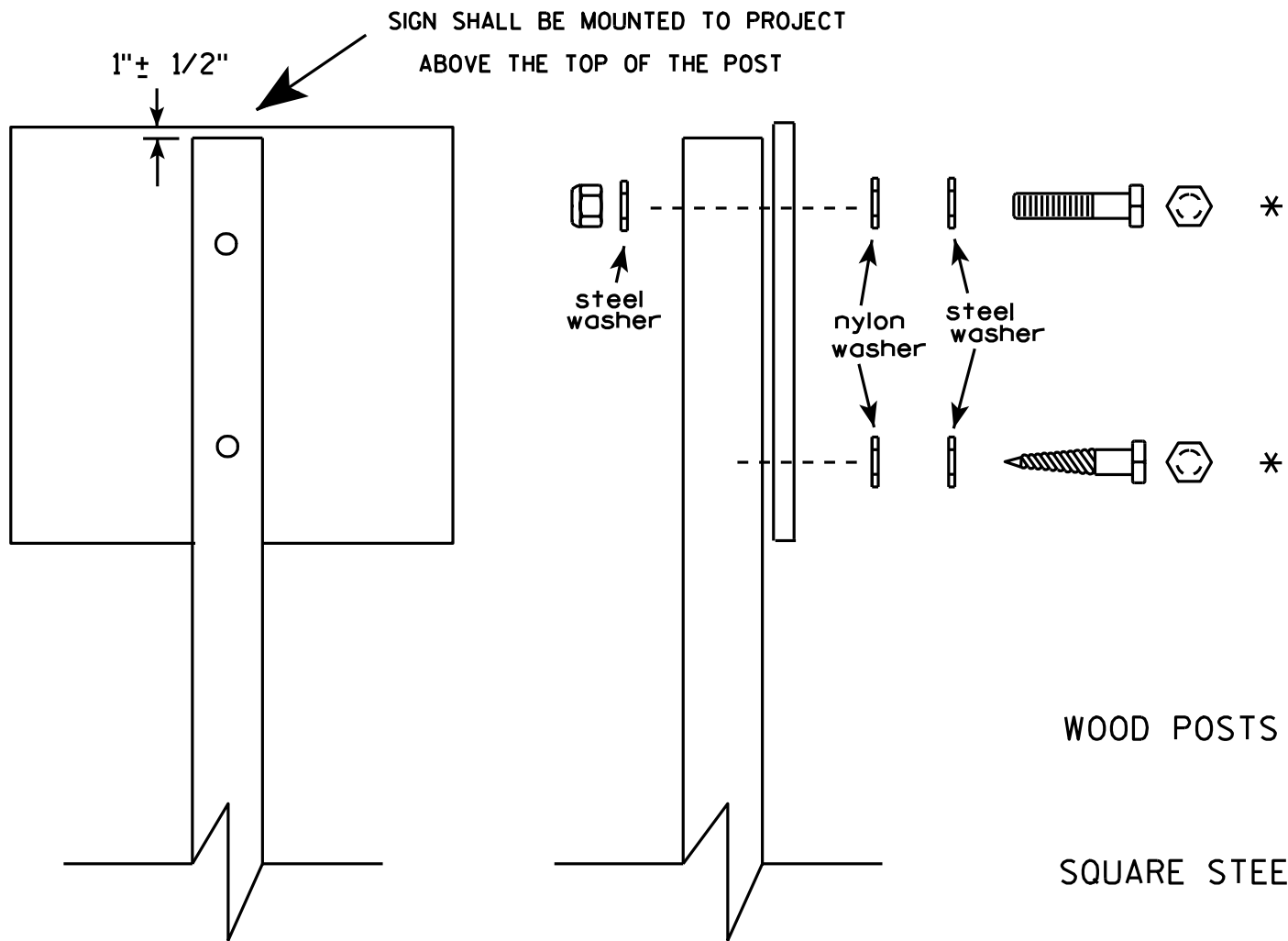
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

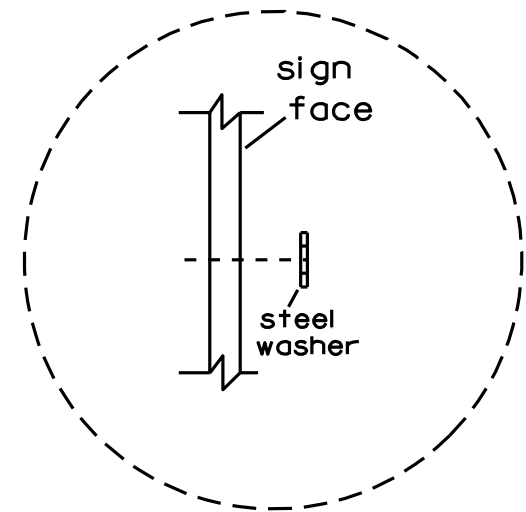


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
- b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

- WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 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.

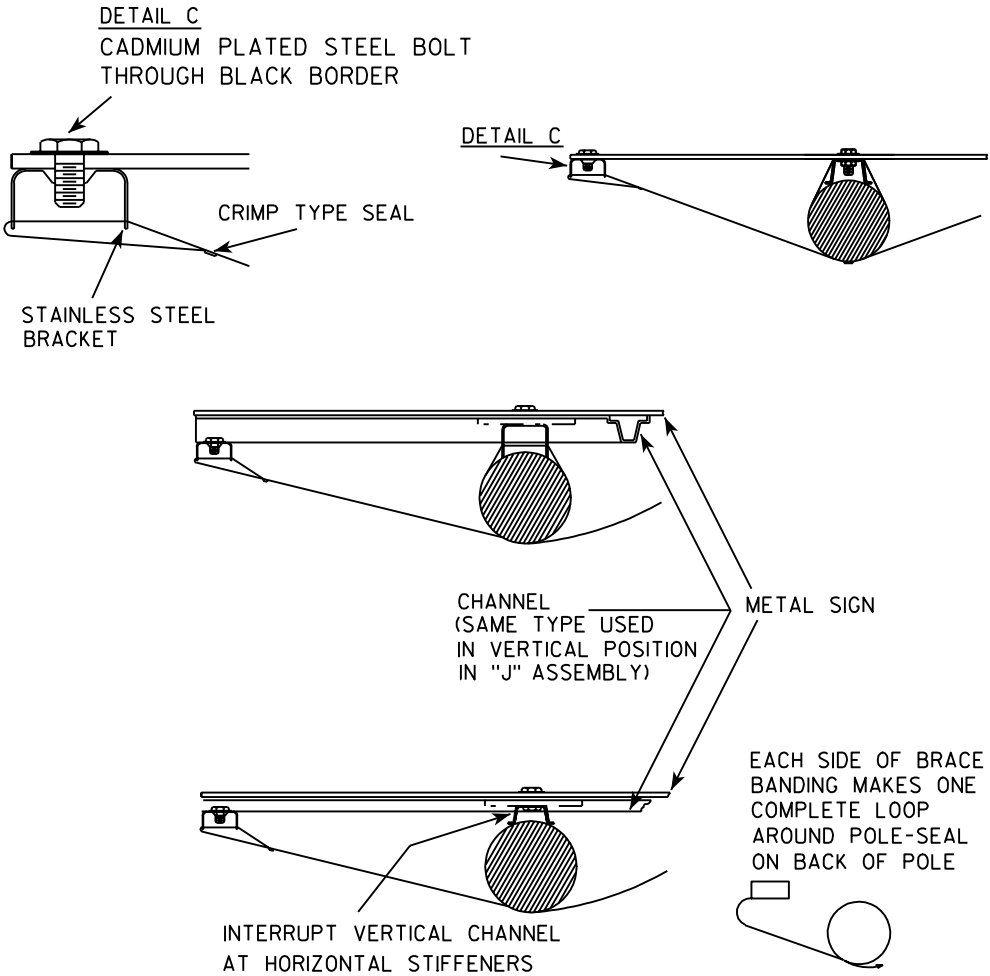


Washer Placement when Sign Has Other Than Type H or Type F Face

* 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

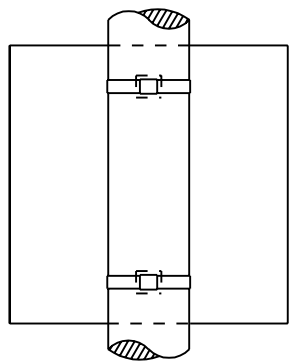
BRACE BANDING



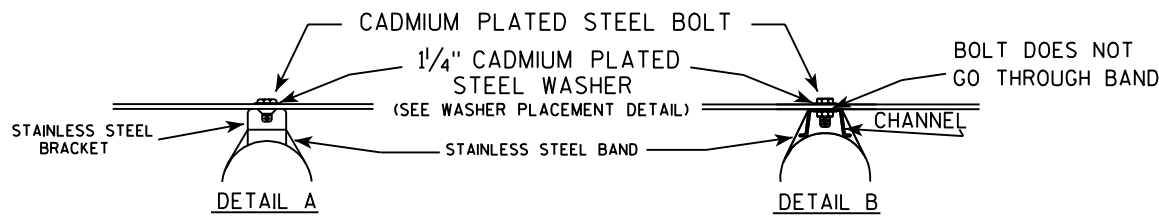
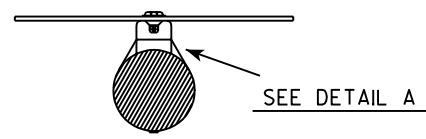
BRACE BANDING

BRACE BANDING SHALL BE TIGHTENED FIRMLY
BUT NOT SO TIGHT AS TO APPRECIABLY
CURVE FACE OF SIGN.

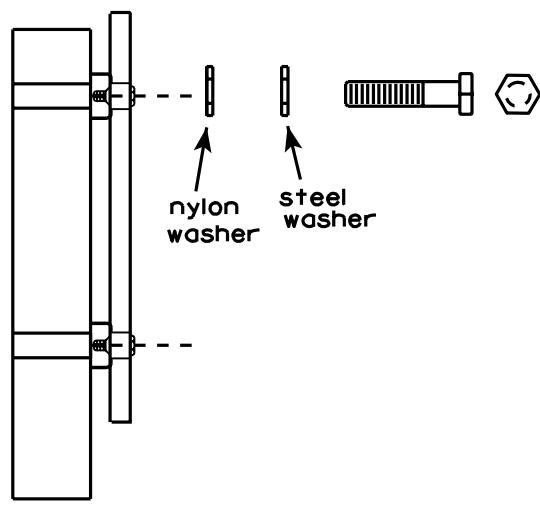
SINGLE SIGN



BRACKET BANDING

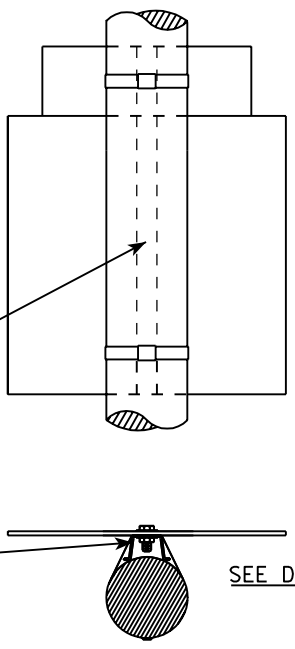


WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

"J" ASSEMBLY



SEE DETAIL B

GENERAL NOTES

1. Signs 4' or greater in width shall have one brace band installed at the center of the sign.
2. Signs 3' or greater in height shall have three bracket bands installed. Signs less than 3' in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be 3/4" in width and 0.025" thickness.

STANDARD SIGN
SIGN BANDING DETAILS

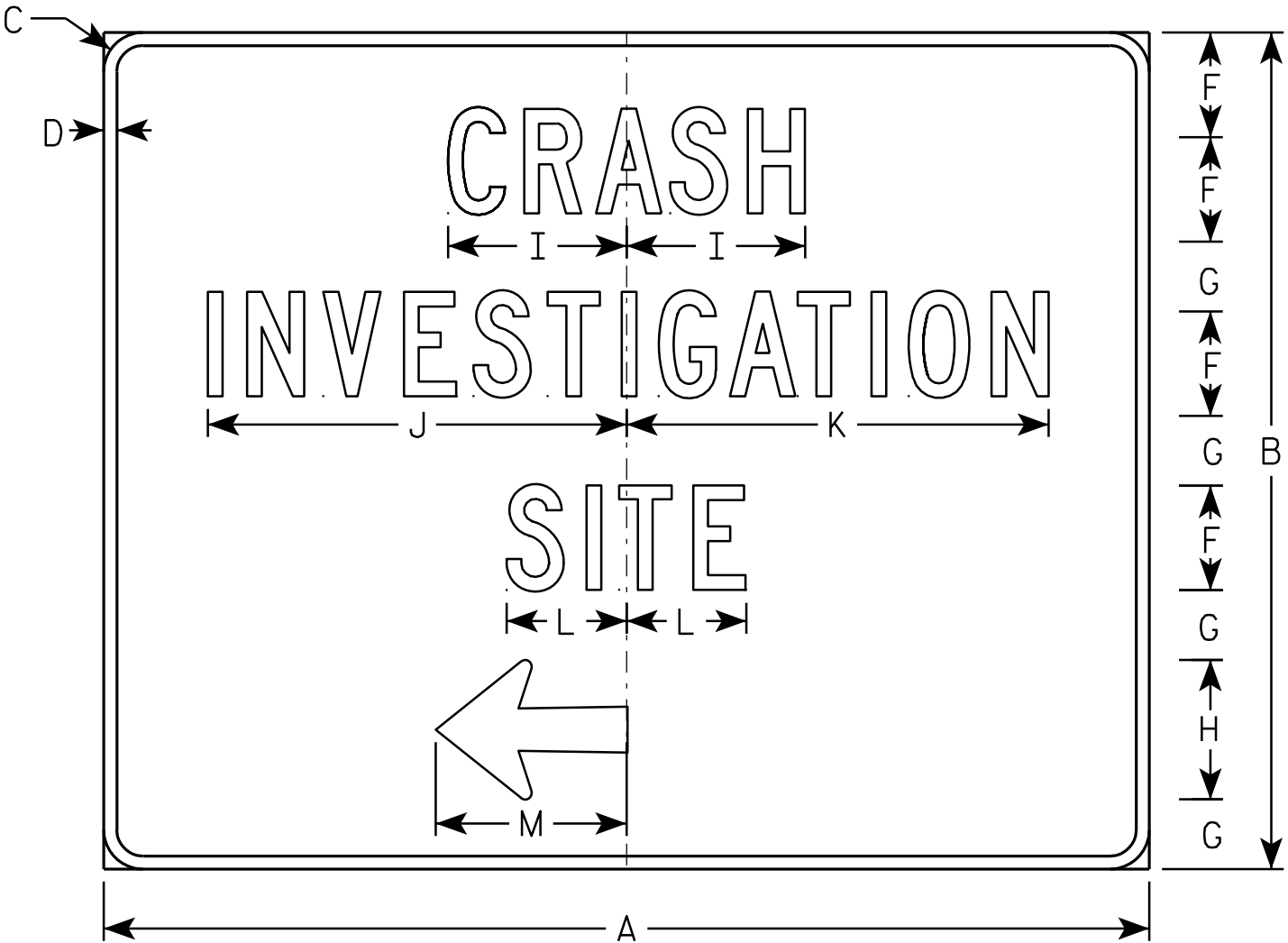
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/08/05 PLATE NO. A5-9.2

NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
 - Background - BLUE
 - 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.
- 5. D4-54R is same as D4-54L except arrow is reversed.
- 6. Arrow is from A1-2 Lower Case 4 1/2 Series D & E



D4-54L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	48	2 1/4	3/4		6	4	8	10 1/4	24	24 1/4	6 7/8	11														20.0
3																											
4																											
5																											

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

STANDARD SIGN

D4-54 L & R

WISCONSIN DEPT OF TRANSPORTATION

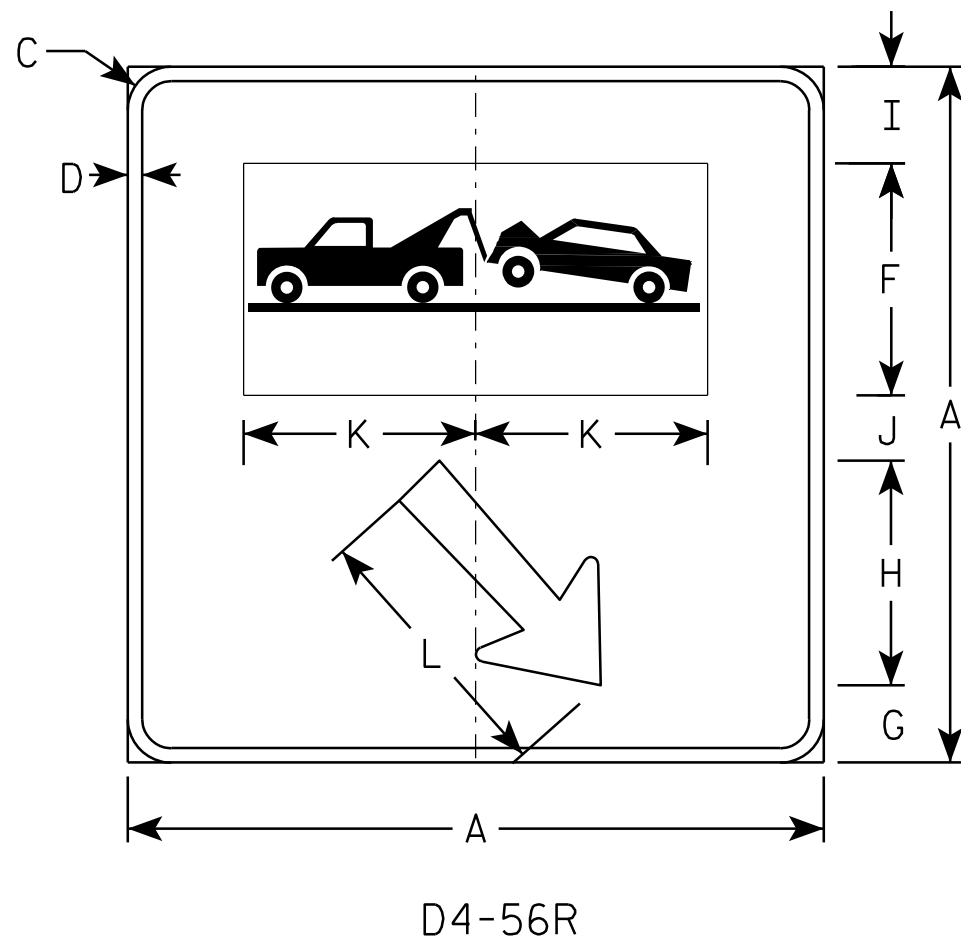
APPROVED

Matthew R. Rauch

For State Traffic Engineer

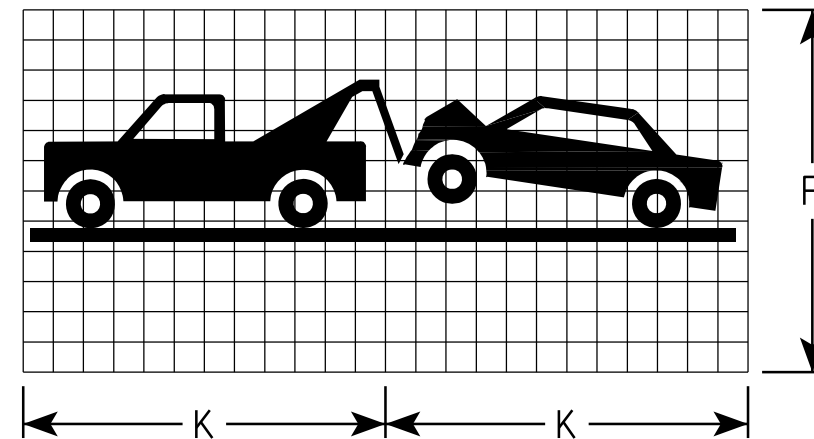
DATE 1/24/2011

PLATE NO. D4-54.1



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - BLUE
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.
5. D4-56L is same as D4-56R except arrow is reversed.
6. Arrow is from A1-2 Lower Case 4 1/2 Series D & E, with a modified length.



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	36		2 1/4	3/4		12	4	11 5/8	5	3 3/8	12	14															9.0
3																											
4																											
5																											

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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STANDARD SIGN
D4-56 L & R

WISCONSIN DEPT OF TRANSPORTATION

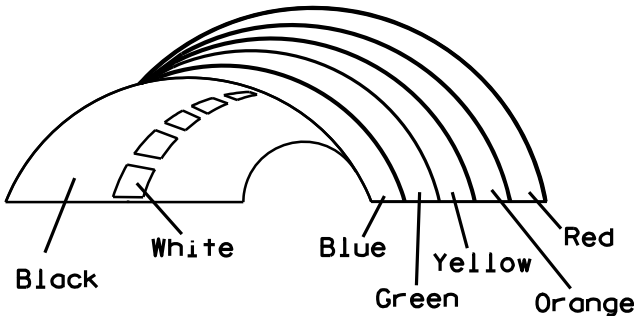
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 4/14/2011 PLATE NO. D4-56.1



* VARIES

Background Colors of Symbol*



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

NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - White
Message - (See Note 5)
- 3. Message Series - (See Note 6)
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Border - Blue
Line 1 - Red
Line 2 - Black
Line 3-5 - Blue
- 6. Line 1 - Dutch 8011L
Line 2 - Series E
Line 3-5 - Series C
- 7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

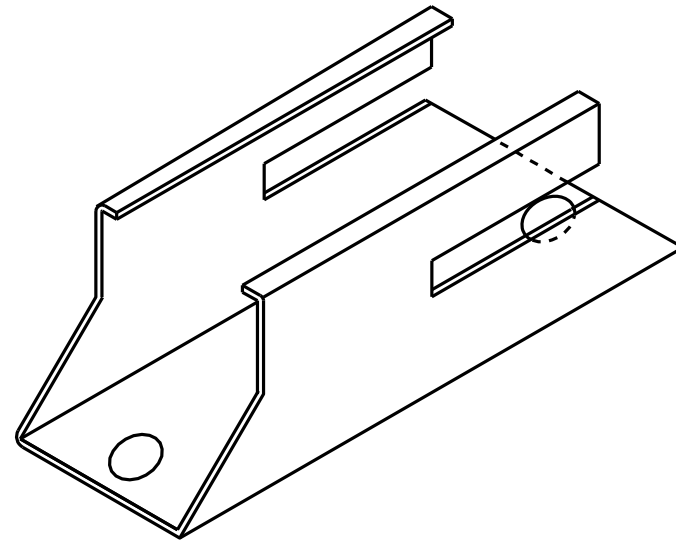
STANDARD SIGN
I55-56

WISCONSIN DEPT OF TRANSPORTATION

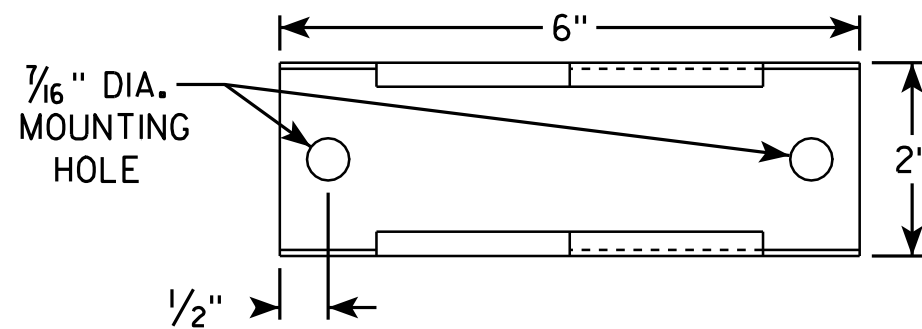
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

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

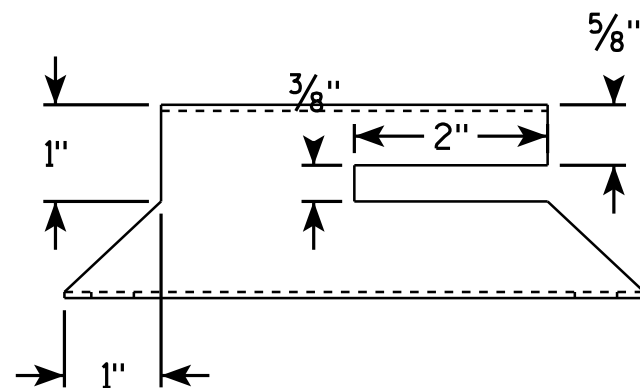
ISOMETRIC VIEW



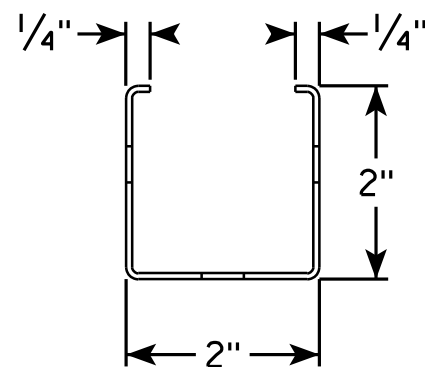
TOP VIEW



SIDE VIEW



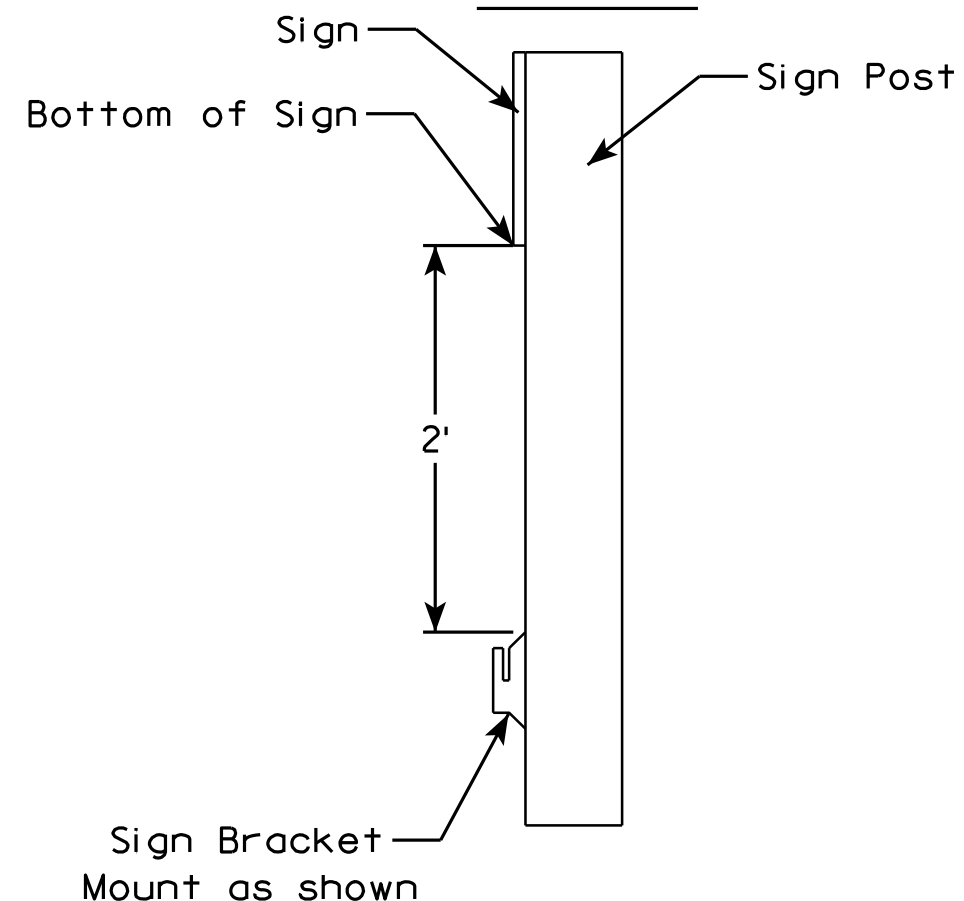
END VIEW



NOTES

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

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

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

PROJECT NO:

HWY:

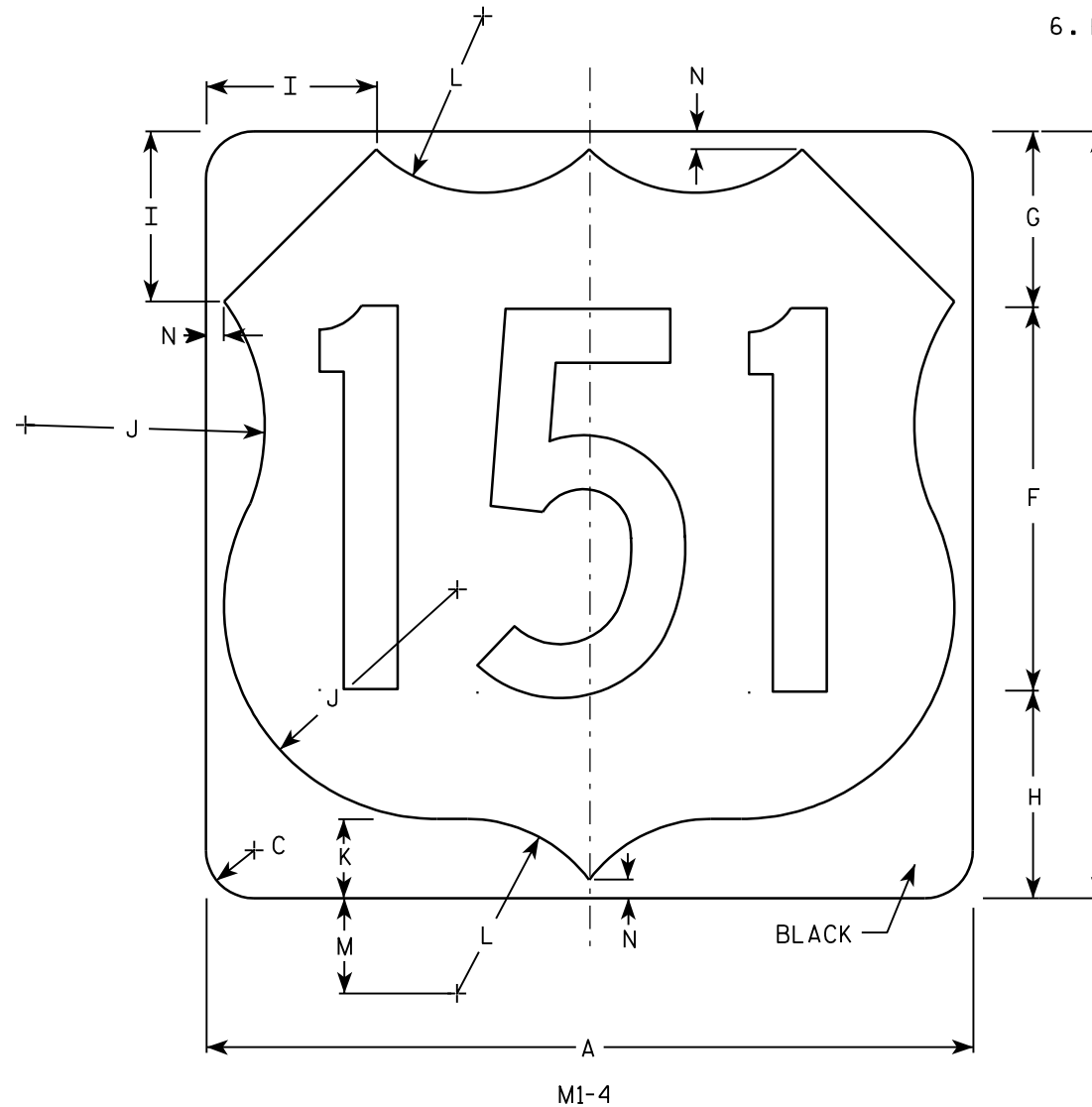
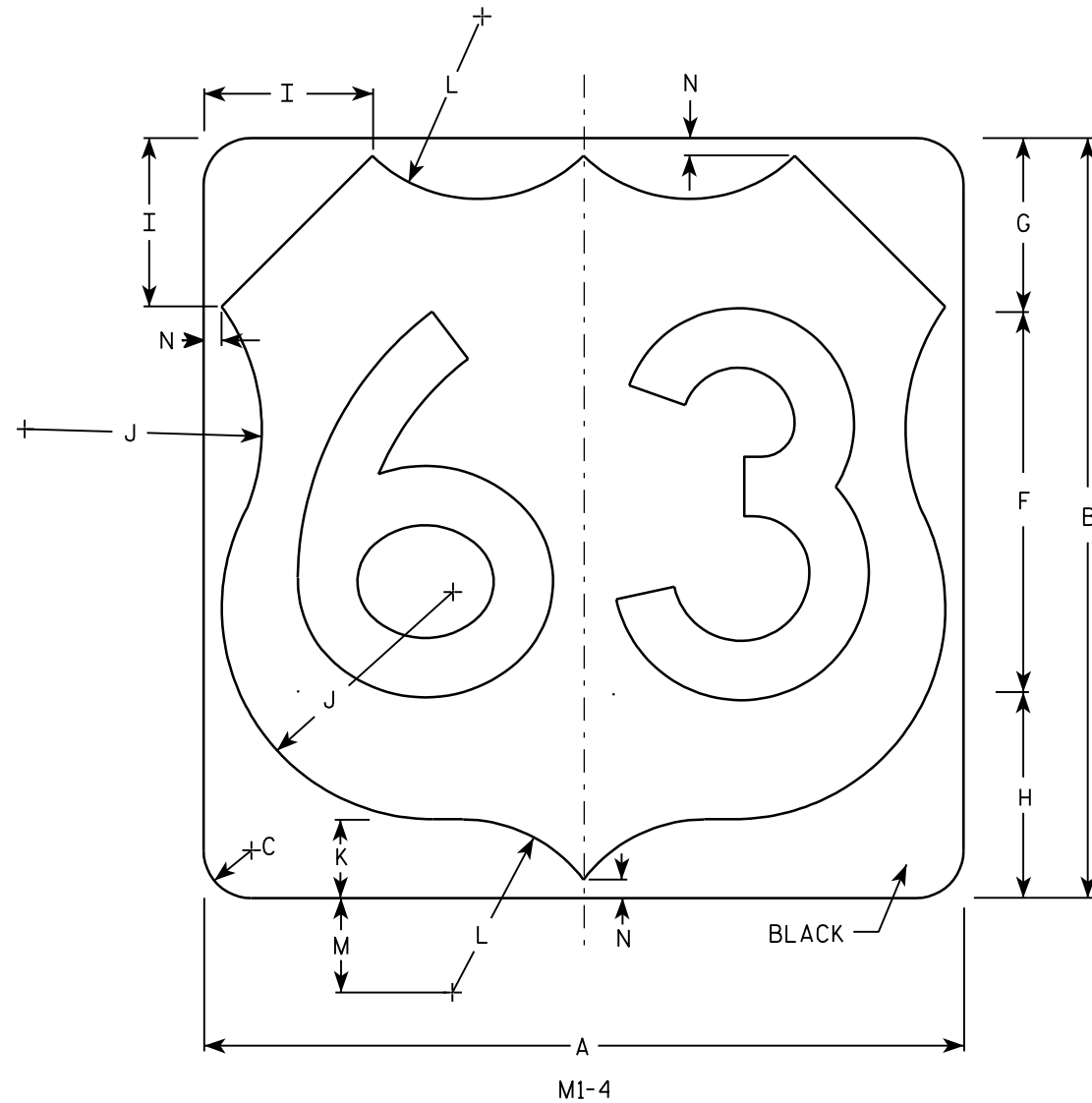
COUNTY:

SHEET NO:

E

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 numerals and adjust
spacing as per Plate A10-1.
6. Permanent Signs
Background - Type H Reflective
Detour or other temporary signs
Background - Reflective



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	Areq sq. ft.	Areq m ²
1																												
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0	.36
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E
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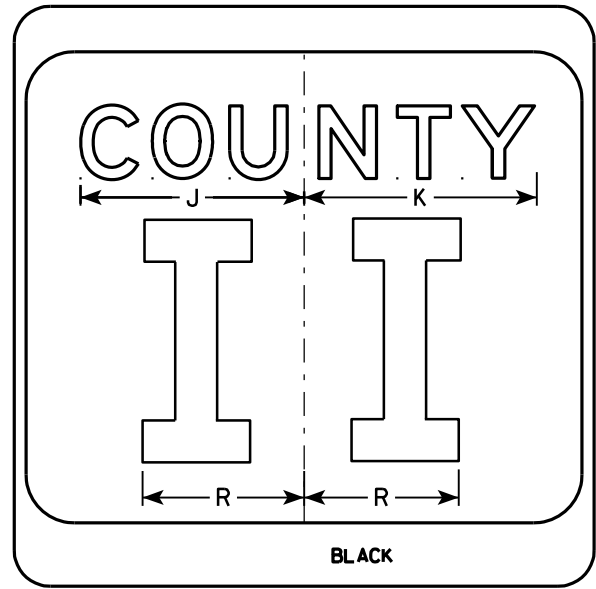
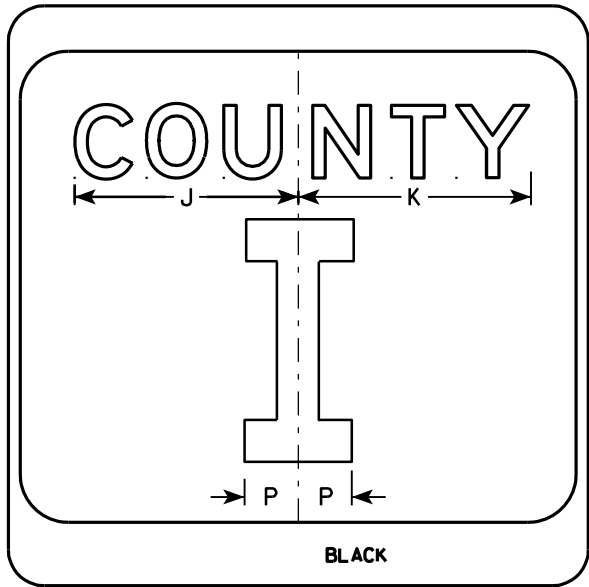
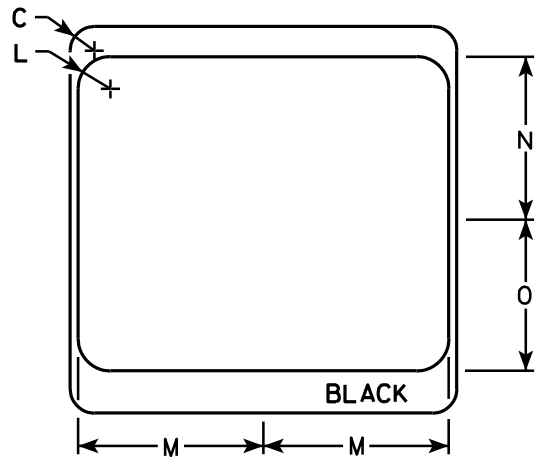
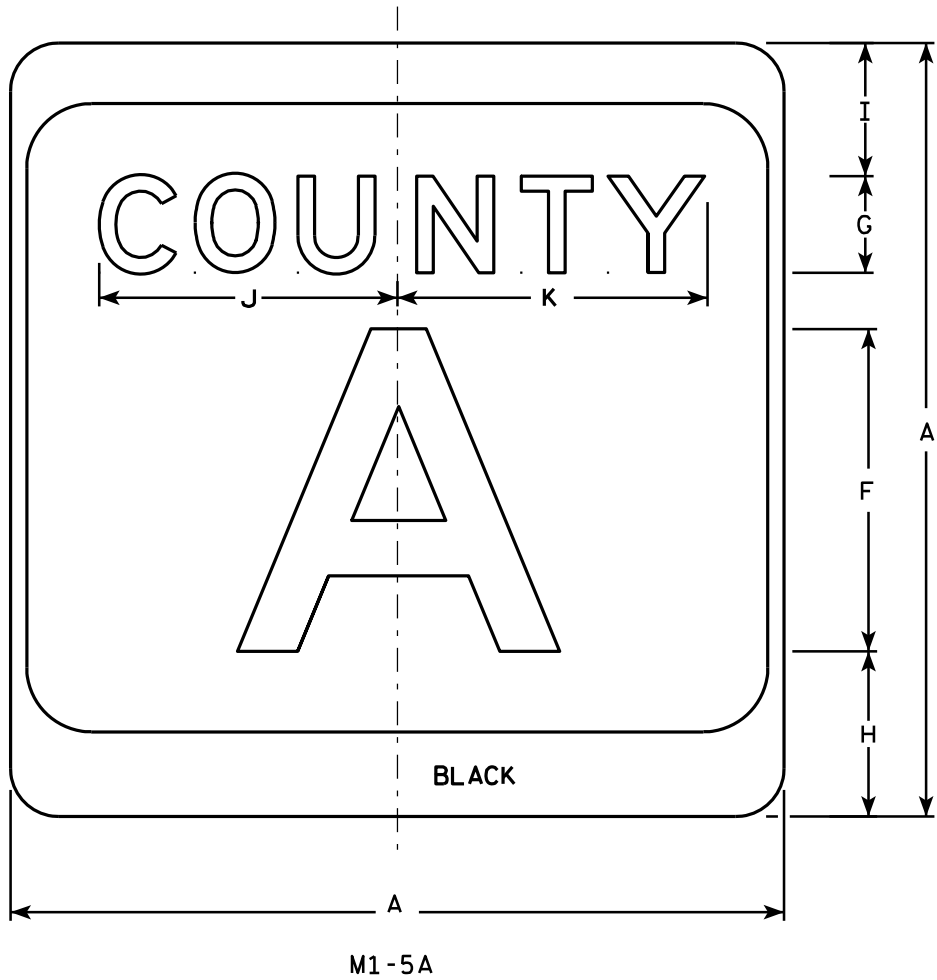
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
For State Traffic Engineer

DATE 08/25/05 PLATE NO. M1-4.9

7



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White & Black - See Note 7
Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
Message Series D for 2 letters unless message is too big then Series C.
Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
Background - Type H Reflective
Detour or temporary Signs
Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

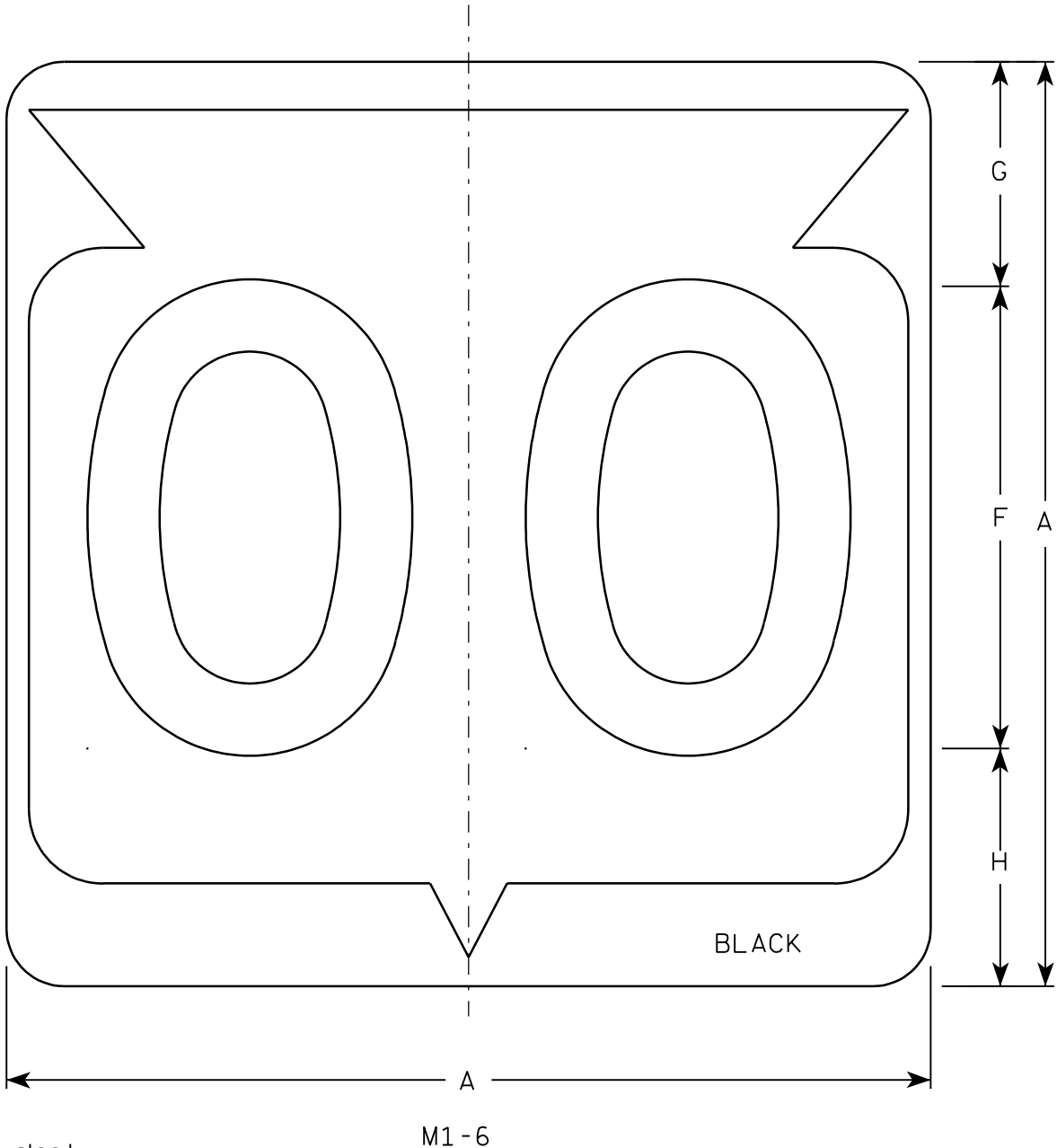
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
For State Traffic Engineer

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

7



Metric equivalent
for this sign is:

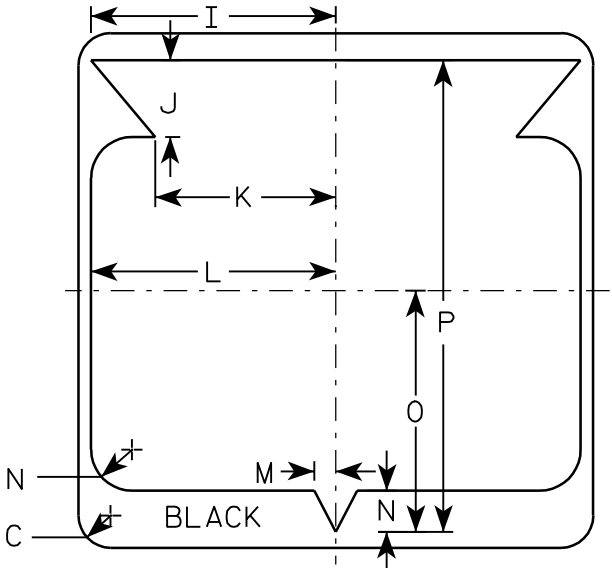
SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

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



7

7

Metric equivalent
for this sign is:

SIZE	
1	
2	450 mm X 900 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	18	36	1 1/8	3/8		4	2	13 3/4	2 1/2	1 5/8	7 1/4	7	4 3/8	1 3/4	2 5/8	7/8	1/4	3/4	5 1/8	2 1/8							4.5	.41
3																												
4																												
5																												

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

FILE NAME : C:\Users\Projects\tr_stdplate\M186.DGN

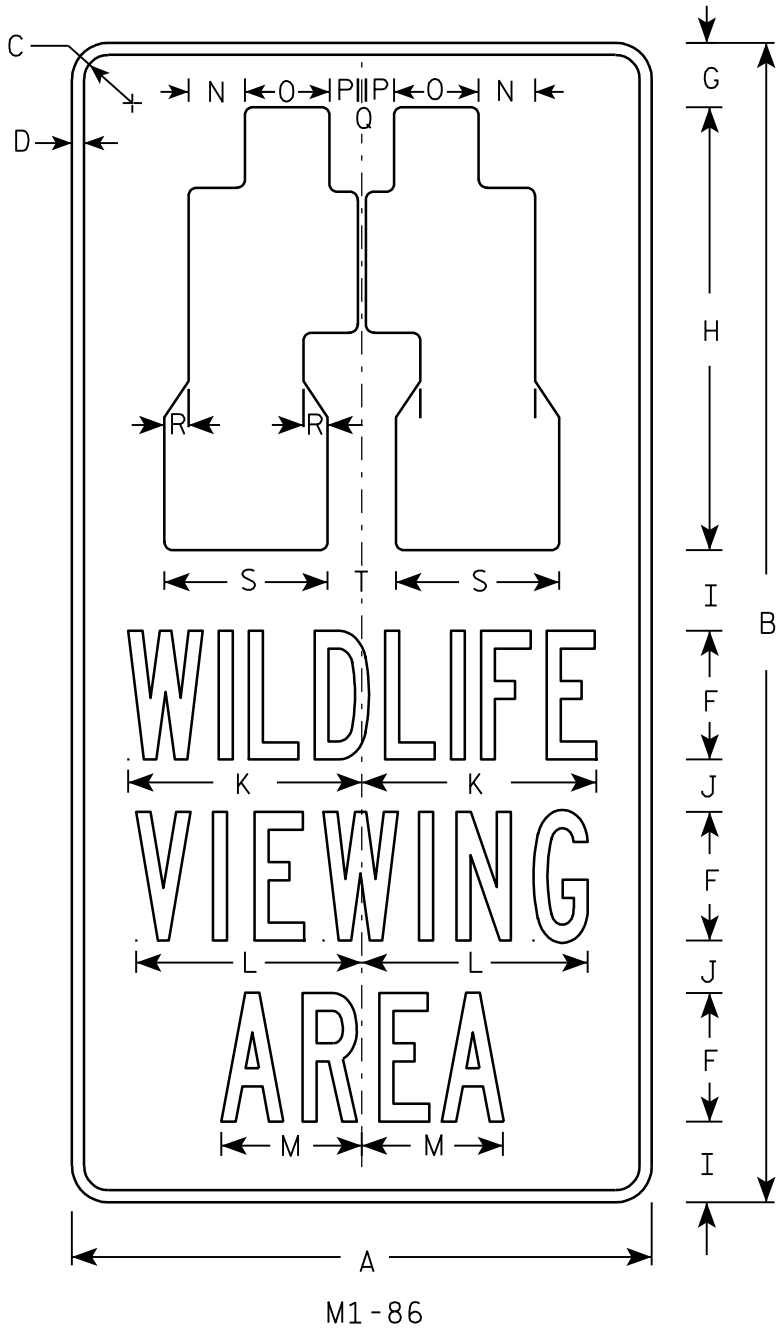
PLOT DATE : 13-OCT-2005 15:31

PLOT BY : DITJPH

PLOT NAME :

PLOT SCALE : 5.960833:1.000000

WISDOT/CADDs SHEET 42



NOTES

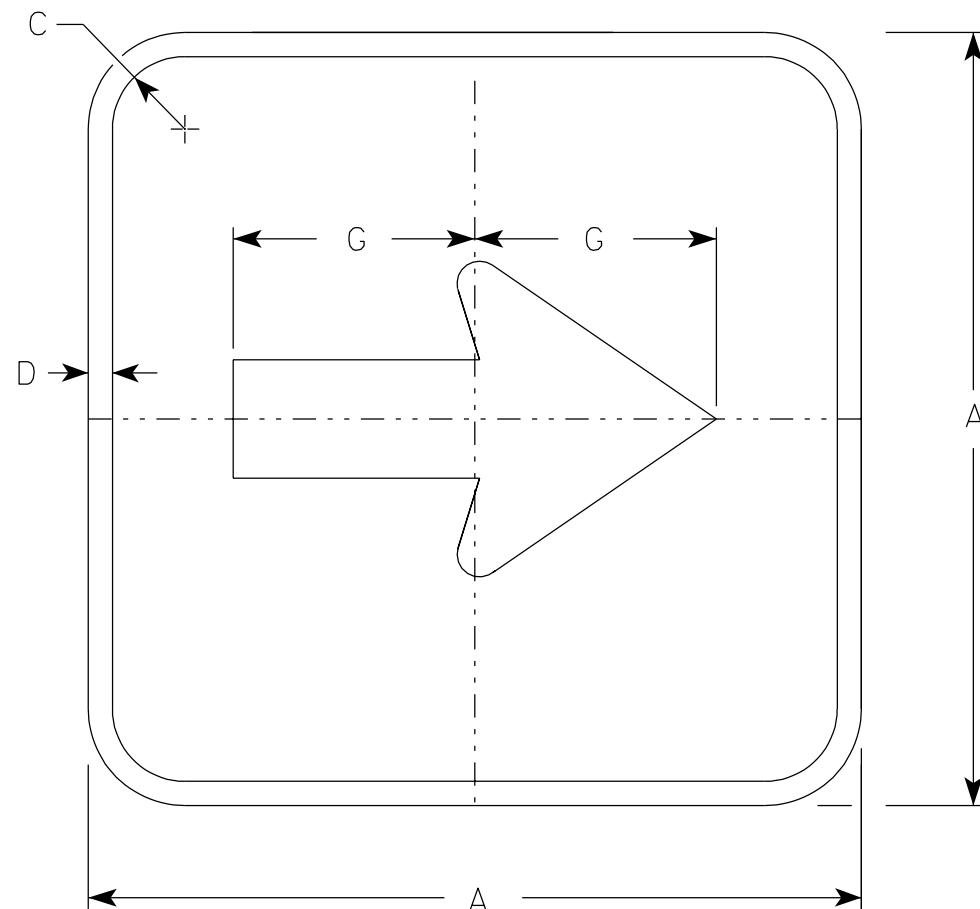
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Brown
Message - White - Type H Reflective
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders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

STANDARD SIGN
M1-86

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chester J. Spang
for State Traffic Engineer

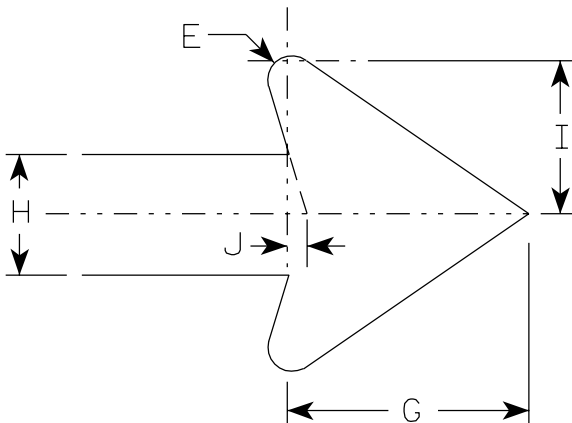
DATE 1/30/02 PLATE NO. M1-86.3



M1-88A

NOTES

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



Metric equivalent for this sign is:

SIZE	
1	
2	300 mm X 300 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	12		1 1/8				3 3/4	1 7/8	2 3/8	5/16																	1.0	.09
3																												
4																												
5																												

STANDARD SIGN
M1-88A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Christa J. Spang
for State Traffic Engineer

DATE 1/30/02 PLATE NO. M1-88A.2

PROJECT NO:

HWY:

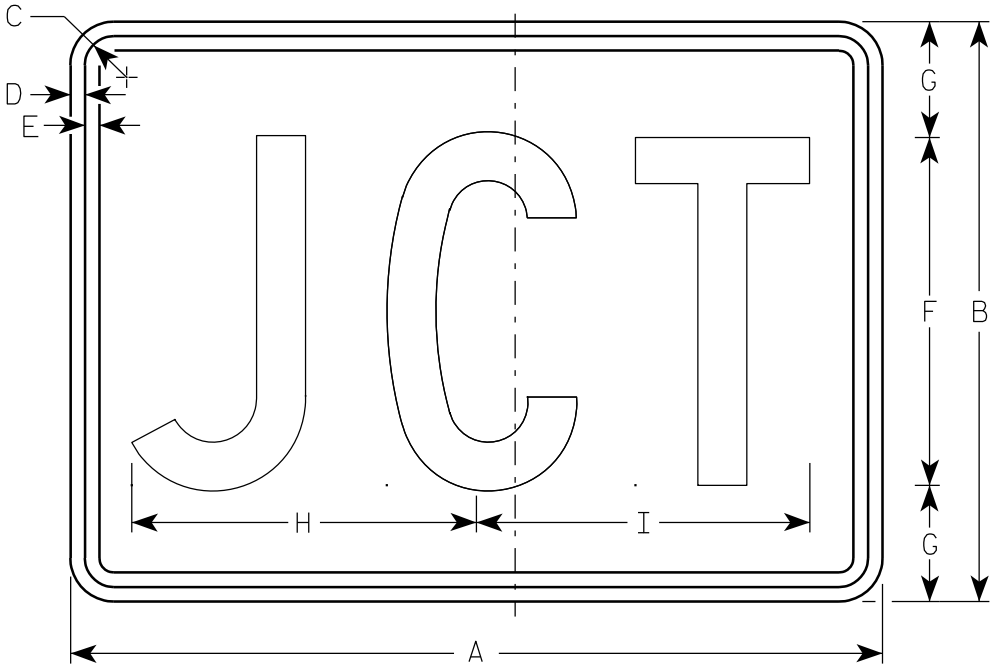
COUNTY:

SHEET NO:

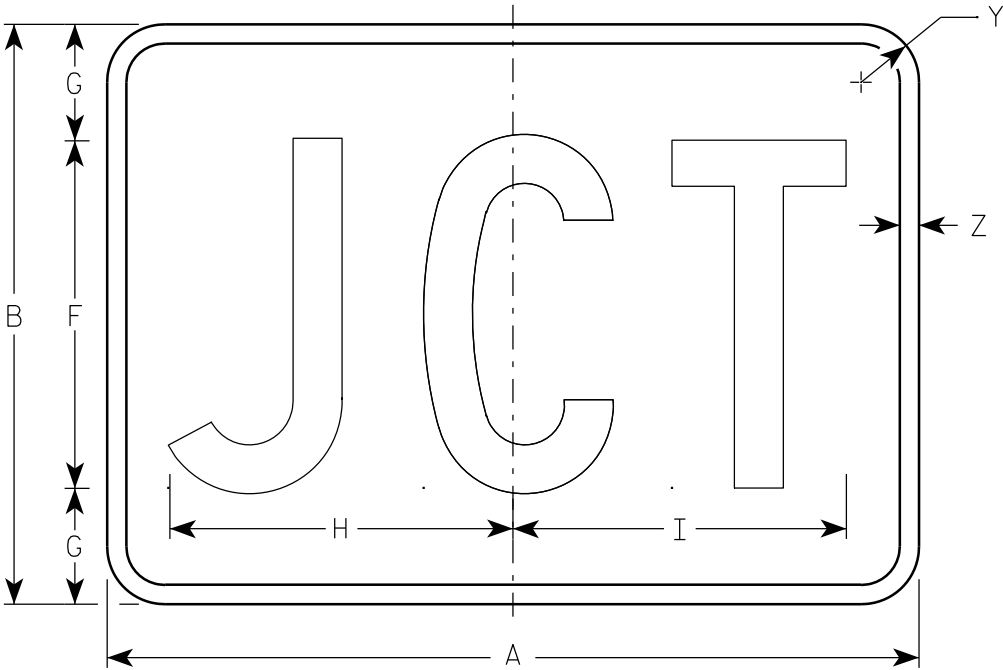
E

NOTES

1. Sign is Type II - See Note 5 - reference
WIS DOT Standard Specification for HIGHWAY
and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - See note 5
Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base
material is plywood but borders shall be rounded
as shown. When base material is metal, the
corners and borders shall be rounded.
5. M2-1 Background - White - Type H Reflective
(Detour or temporary Signs - Reflective)
Message - Black
MB2-1 Background - Blue
Message - White - Type H Reflective
(Detour or temporary Signs - Reflective)
MG2-1 Background - Green
Message - White - Type H Reflective
MK2-1 Background - Green
Message - White - Type H Reflective
MM2-1 Background - White - Type H Reflective
Message - Green
MN2-1 Background - Brown
Message - White - Type H Reflective
MR2-1 Background - Brown
Message - Yellow - Type H Reflective



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



MB2-1
MG2-1
MN2-1

Metric equivalent
for this sign is:

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20	0.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20

STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
for State Traffic Engineer

DATE 3/16/10

PLATE NO. M2-1.10

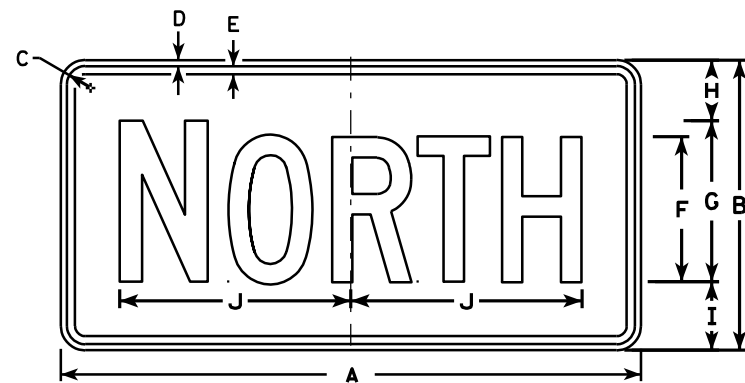
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

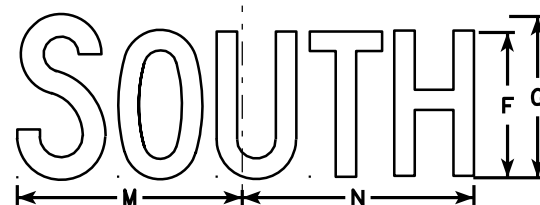
E



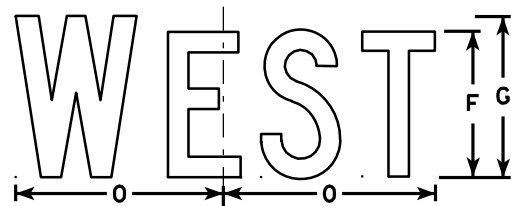
M3-1
MK3-1
M03-1



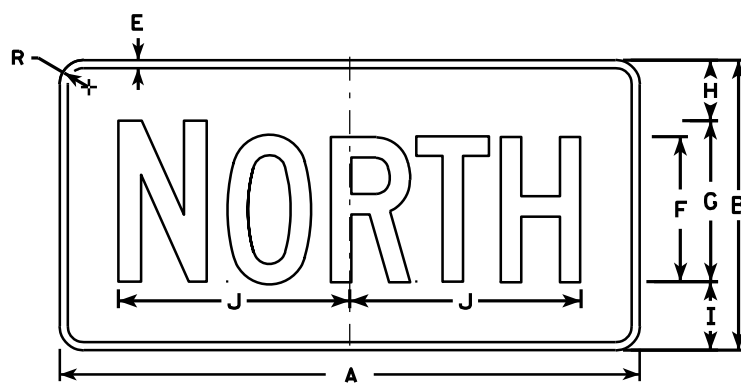
M3-2
MK3-2
M03-2



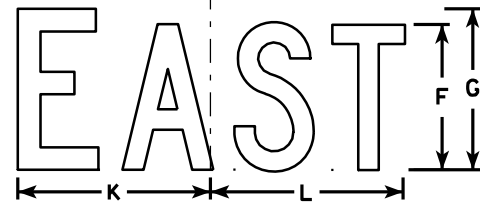
M3-3
MK3-3
M03-3



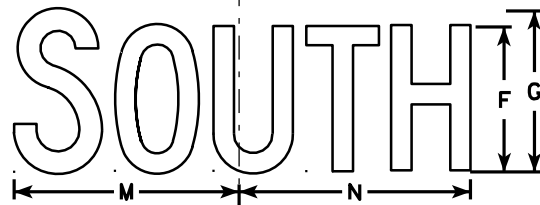
M3-4
MK3-4
M03-4



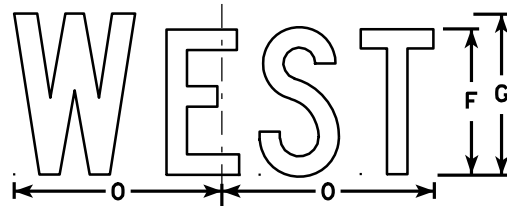
MB3-1
MG3-1
MM3-1
MN3-1



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



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



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

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

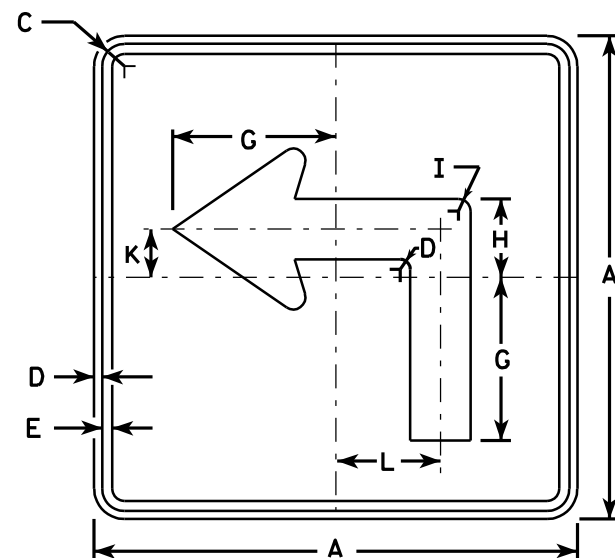
PROJECT NO: HWY: COUNTY: SHEET NO: E

STANDARD SIGNS M3-1 thru M3-4 SERIES

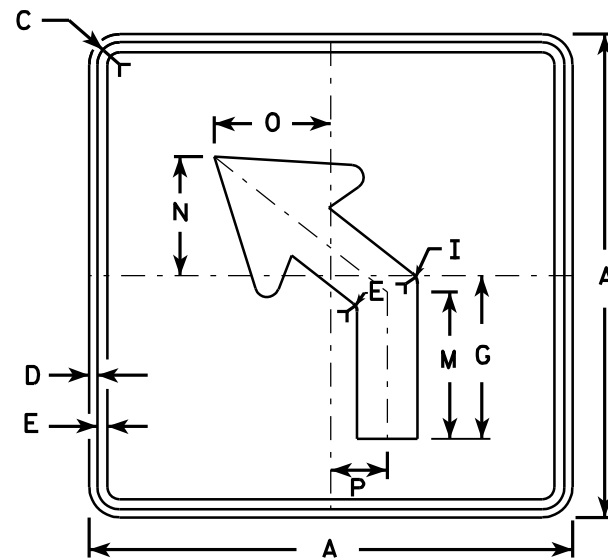
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

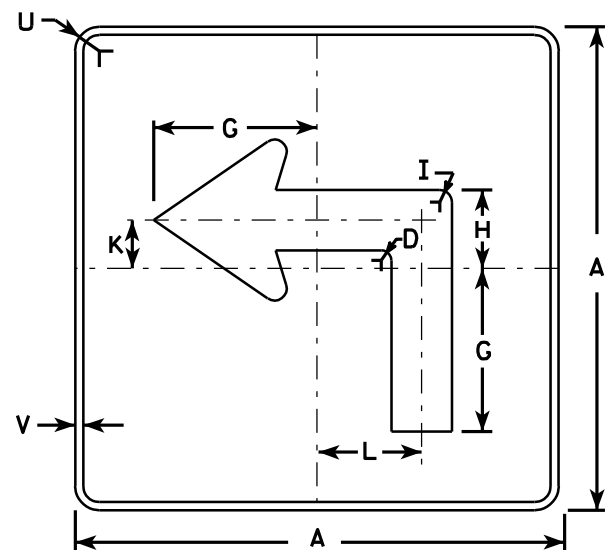
DATE 11/10/10 PLATE NO. M3-1.12



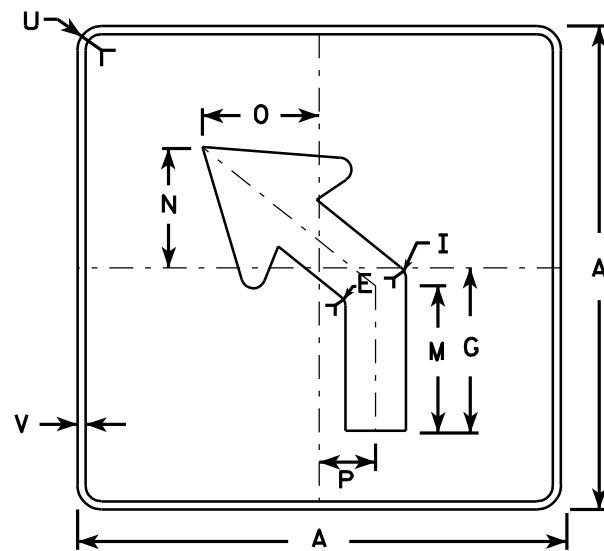
M5-1L
MK5-1L
MM5-1L
MO5-1L
MR5-1L



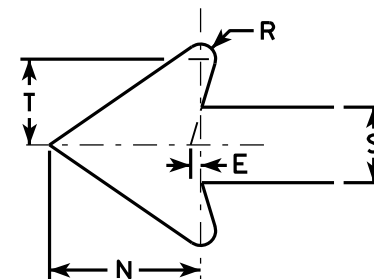
M5-2L
MK5-2L
MM5-2L
MO5-2L
MR5-2L



MB5-1L
MG5-1L
MN5-1L



MB5-2L
MG5-2L
MN5-2L



NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 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 - Type H Reflective (Detour or temporary Signs - Reflective)
Message - Black
MB5-1 and MB5-2 Background - Blue
Message - White - Type H Reflective (Detour or temporary Signs - Reflective)
MG5-1 and MG5-2 Background - Green
Message - White - Type H Reflective
MK5-1 and MK5-2 Background - Green
Message - White Type H Reflective
MM5-1 and MM5-2 Background - White - Type H Reflective
Message - Green
MN5-1 and MN5-2 Background - Brown
Message - White - Type H Reflective
MO5-1 and MO5-2 Background - Orange - Reflective
Message - Black
MR5-1 and MR5-2 Background - Brown
Message - Yellow - Type H Reflective
- M5-1R same as M5-1L except arrow points right.
- M5-2R same as M5-2L except arrow tilts right.

Metric equivalent
for this sign is:

SIZE	
1	
2	525 mm X 525 mm
3	750 mm X 750 mm
4	750 mm X 750 mm
5	750 mm X 750 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	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	0.28
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	0.56
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	0.56
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	0.56

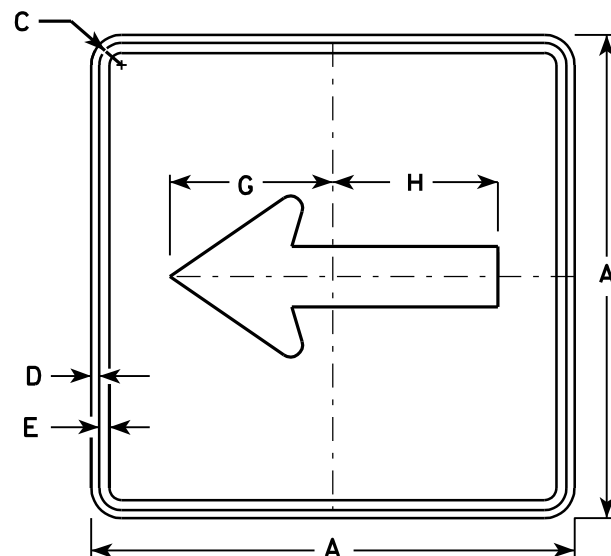
PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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STANDARD SIGN
M5-1 & M5-2

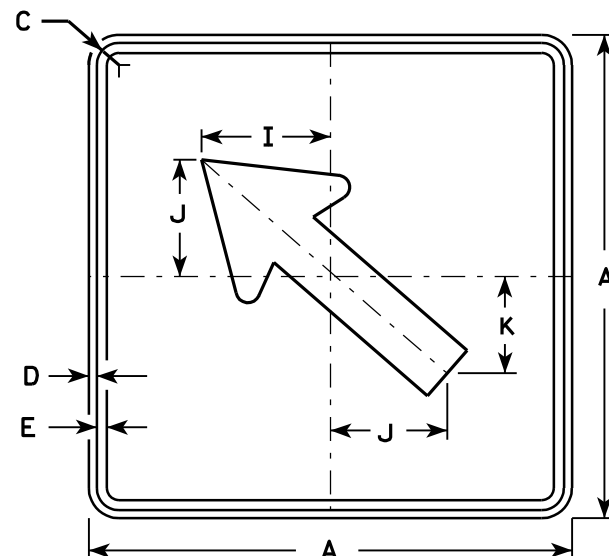
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

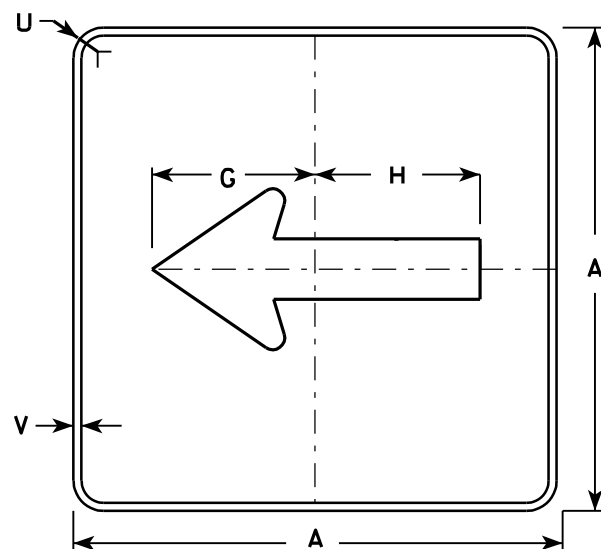
DATE 3/16/10 PLATE NO. M5-1.11



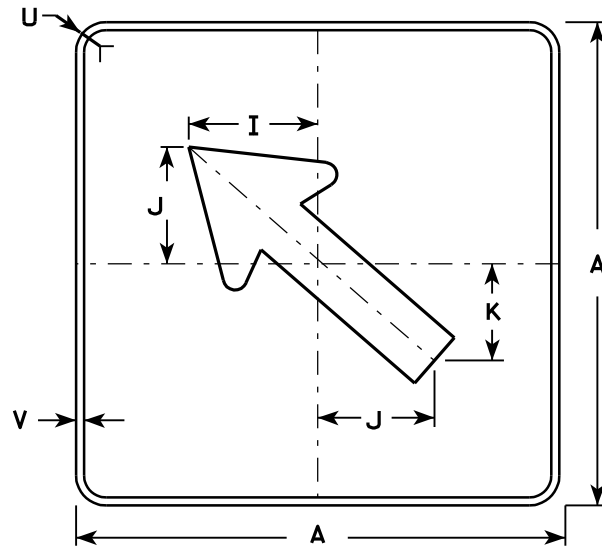
M6-1
MK6-1
MM6-1
MO6-1
MR6-1



M6-2
MK6-2
MM6-2
MO6-2
MR6-2



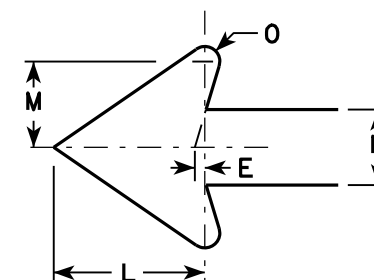
MB6-1
MG6-1
MN6-1



MB6-2
MG6-2
MN6-2

NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 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 - Type H Reflective
(Detour or temporary Signs - Reflective)
Message - Black
MB6-1 and MB6-2 Background - Blue
Message - White - Type H Reflective
(Detour or temporary Signs - Reflective)
MG6-1 and MG6-2 Background - Green
Message - White - Type H Reflective
MK6-1 and MK6-2 Background - Green
Message - White - Type H Reflective
MM6-1 and MM6-2 Background - White - Type H Reflective
Message - Green
MN6-1 and MN6-2 Background - Brown
Message - White - Type H Reflective
MO6-1 and MO6-2 Background - Orange - Reflective
Message - Black
MR6-1 and MR6-2 Background - Brown
Message - Yellow - Type H Reflective

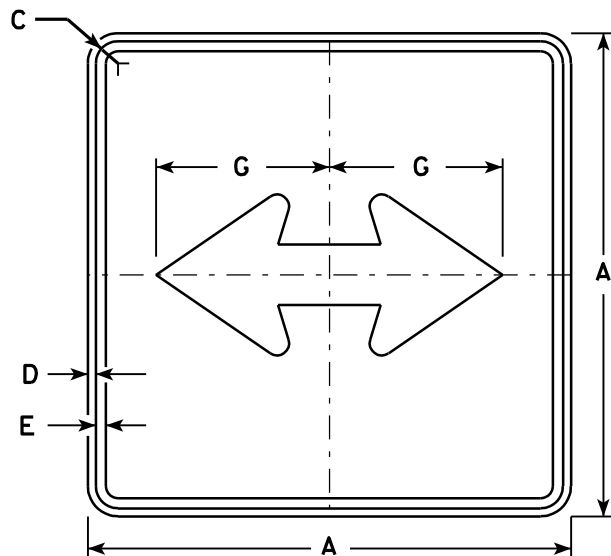


Metric equivalent
for this sign is:

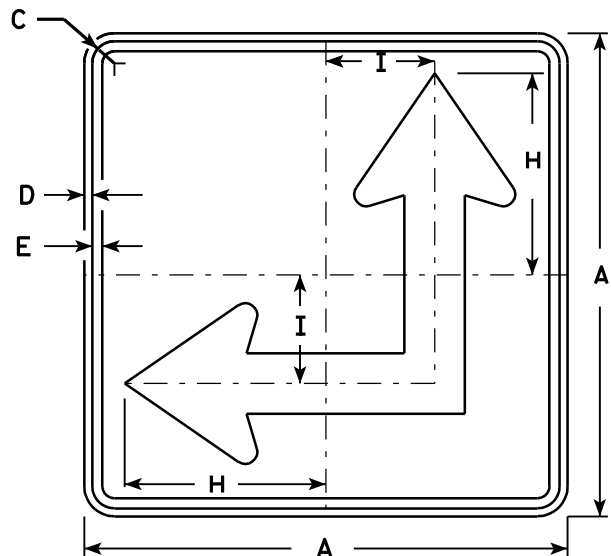
SIZE	
1	
2	525 mm X 525 mm
3	750 mm X 750 mm
4	750 mm X 750 mm
5	750 mm X 750 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	21		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	0.28
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	0.56
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	0.56
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	0.56

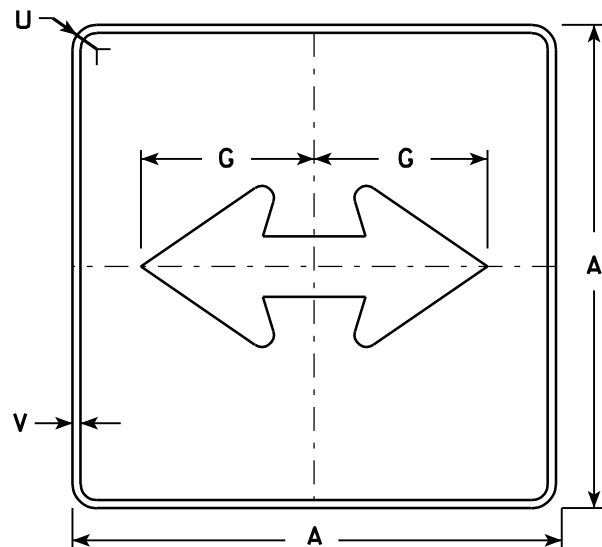
PROJECT NO: HWY: COUNTY: SHEET NO: E



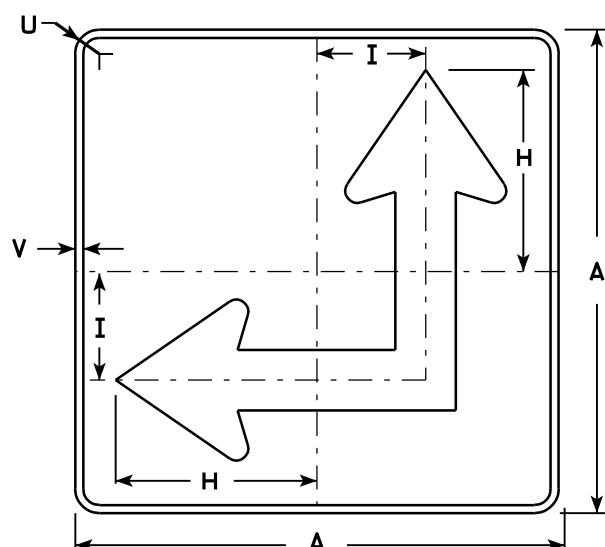
M6 - 4
MK6 - 4
MM6 - 4
MO6 - 4
MR6 - 4



M6 - 6
MK6 - 6
MM6 - 6
MO6 - 6
MR6 - 6



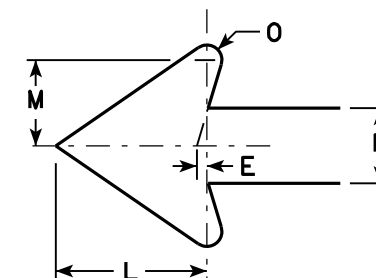
MB6 - 4
MG6 - 4
MN6 - 4



MB6 - 6
MG6 - 6
MN6 - 6

NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 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 - Type H Reflective
(Detour or temporary Signs - Reflective)
Message - Black
MB6-4 and MB6-6 Background - Blue
Message - White - Type H Reflective
(Detour or temporary Signs - Reflective)
MG6-4 and MG6-6 Background - Green
Message - White - Type H Reflective
MK6-4 and MK6-6 Background - Green
Message - White - Type H Reflective
MM6-4 and MM6-6 Background - White - Type H Reflective
Message - Green
MN6-4 and MN6-6 Background - Brown
Message - White - Type H Reflective
MO6-4 and MO6-6 Background - Orange - Reflective
Message - Black
MR6-4 and MR6-6 Background - Brown
Message - Yellow - Type H Reflective
- M6-6R same as M6-6L except arrow points ahead and right.



Metric equivalent
for this sign is:

SIZE	
1	
2	525 mm X 525 mm
3	750 mm X 750 mm
4	750 mm X 750 mm
5	750 mm X 750 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.
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	0.28
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	0.56
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	0.56
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	0.56

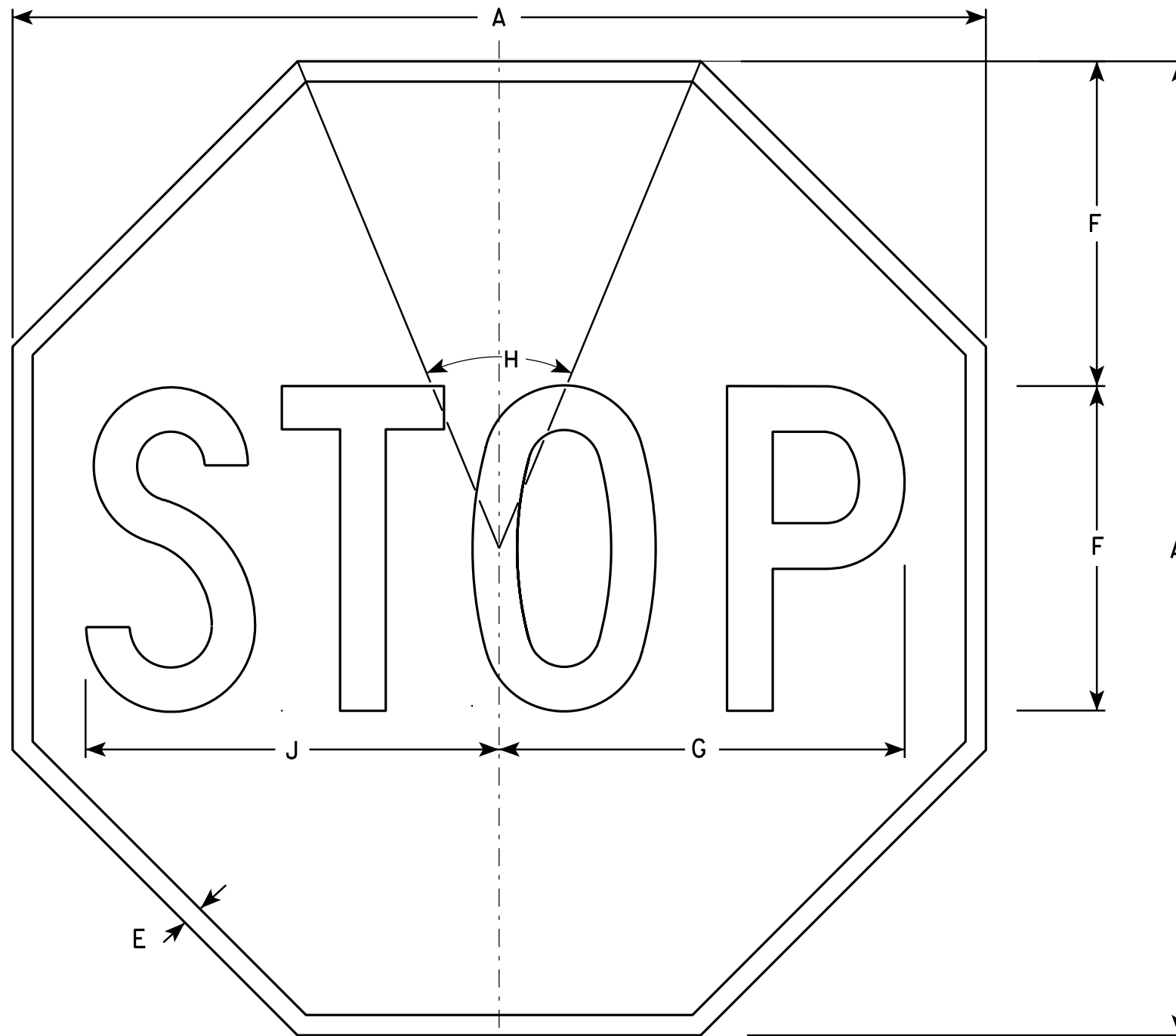
PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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STANDARD SIGN
M6 - 4 & M6 - 6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/16/10 PLATE NO. M6-4.7



NOTES

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

R1-1

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

STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

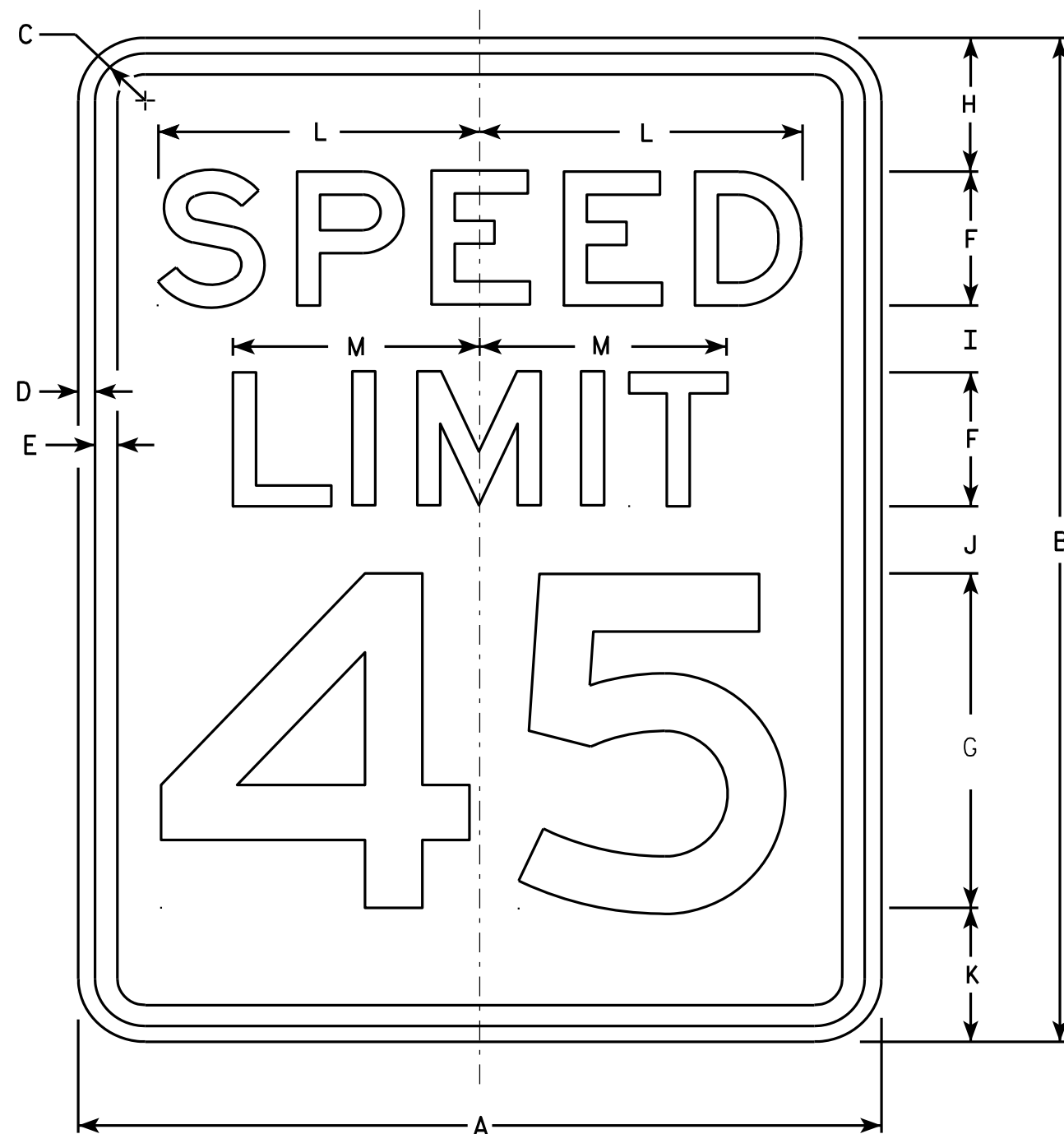
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



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.

R2-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	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

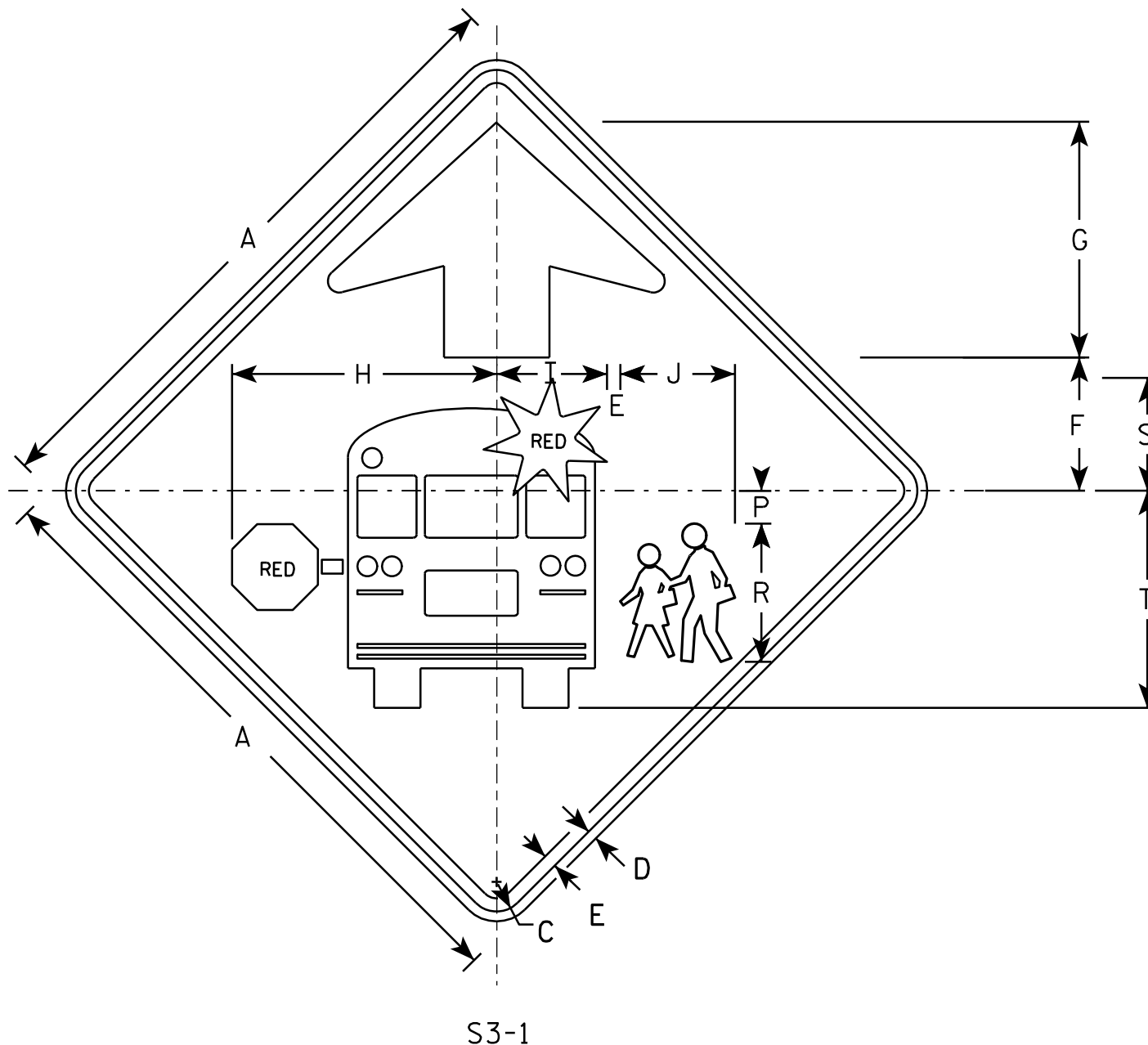
PROJECT NO:

HWY:

COUNTY:

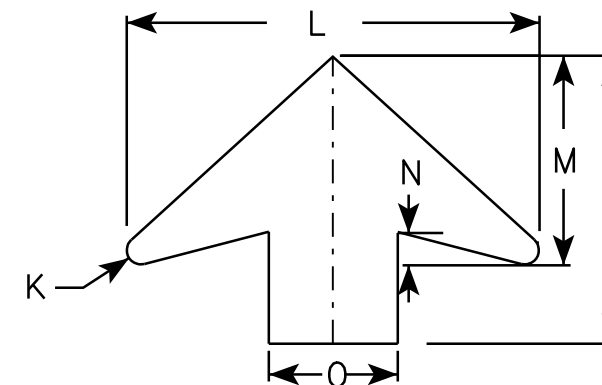
SHEET NO:

E



NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - YELLOW-GREEN
Message - BLACK except as noted
Circles except PEDS- RED BACKGROUND
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 ³ / ₈	1/2	⁵ / ₈	6 1/4	11 1/4	12 1/2	5 1/4	5 1/2	1/2	16	8	1 1/4	5	1 1/2		6 5/8	5 3/8	10 3/8							6.25
2	36		1 5/8	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
3	48		2 1/4	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		2 1/4	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

PROJECT NO:

STANDARD SIGN S3-1

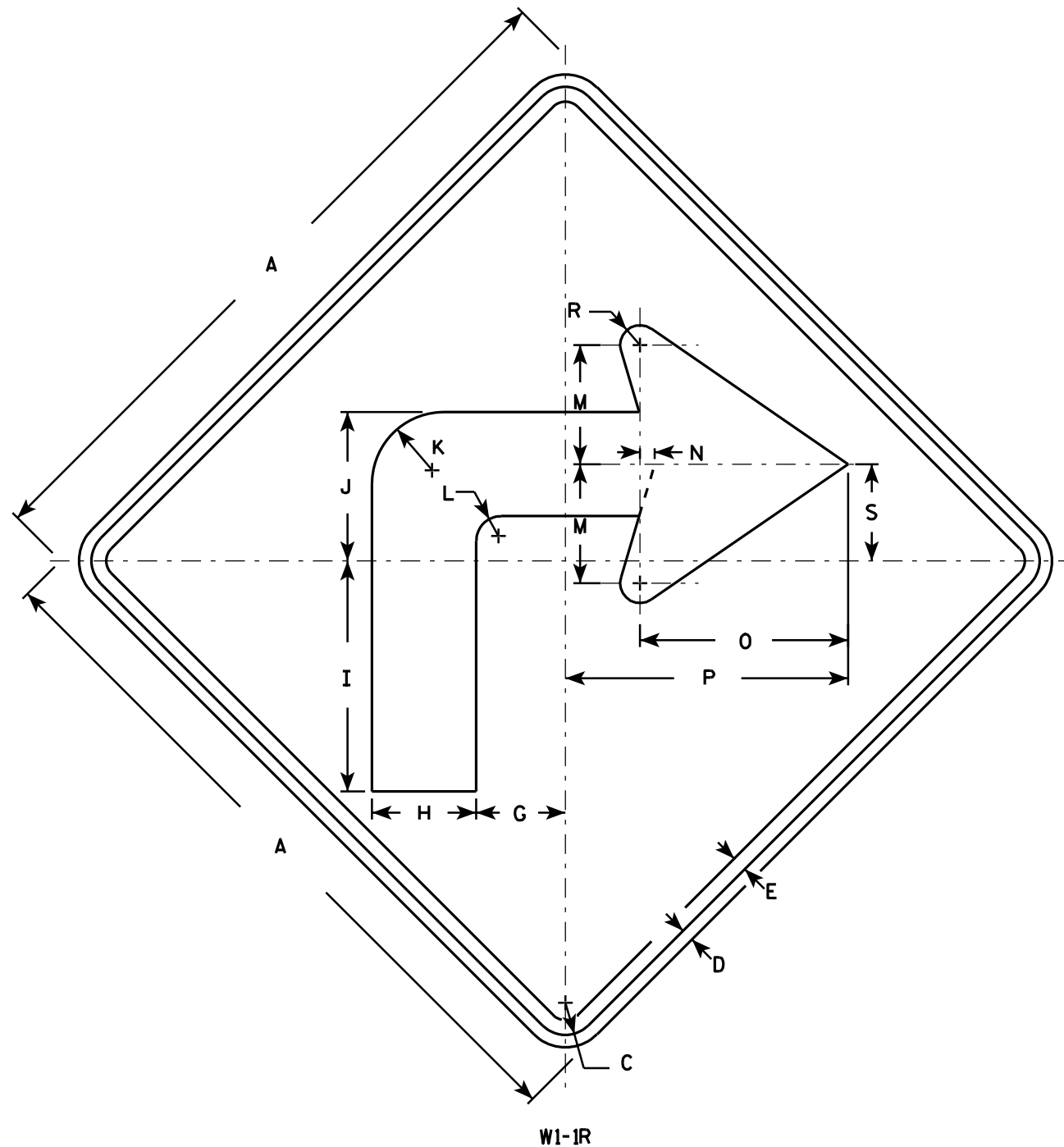
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 6/8/10 PLATE NO. S3-1.6

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. W1-1L is the same as W1-1R except the arrow is reversed along the vertical centerline.

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

STANDARD SIGN

W1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-1.11

PROJECT NO:

HWY:

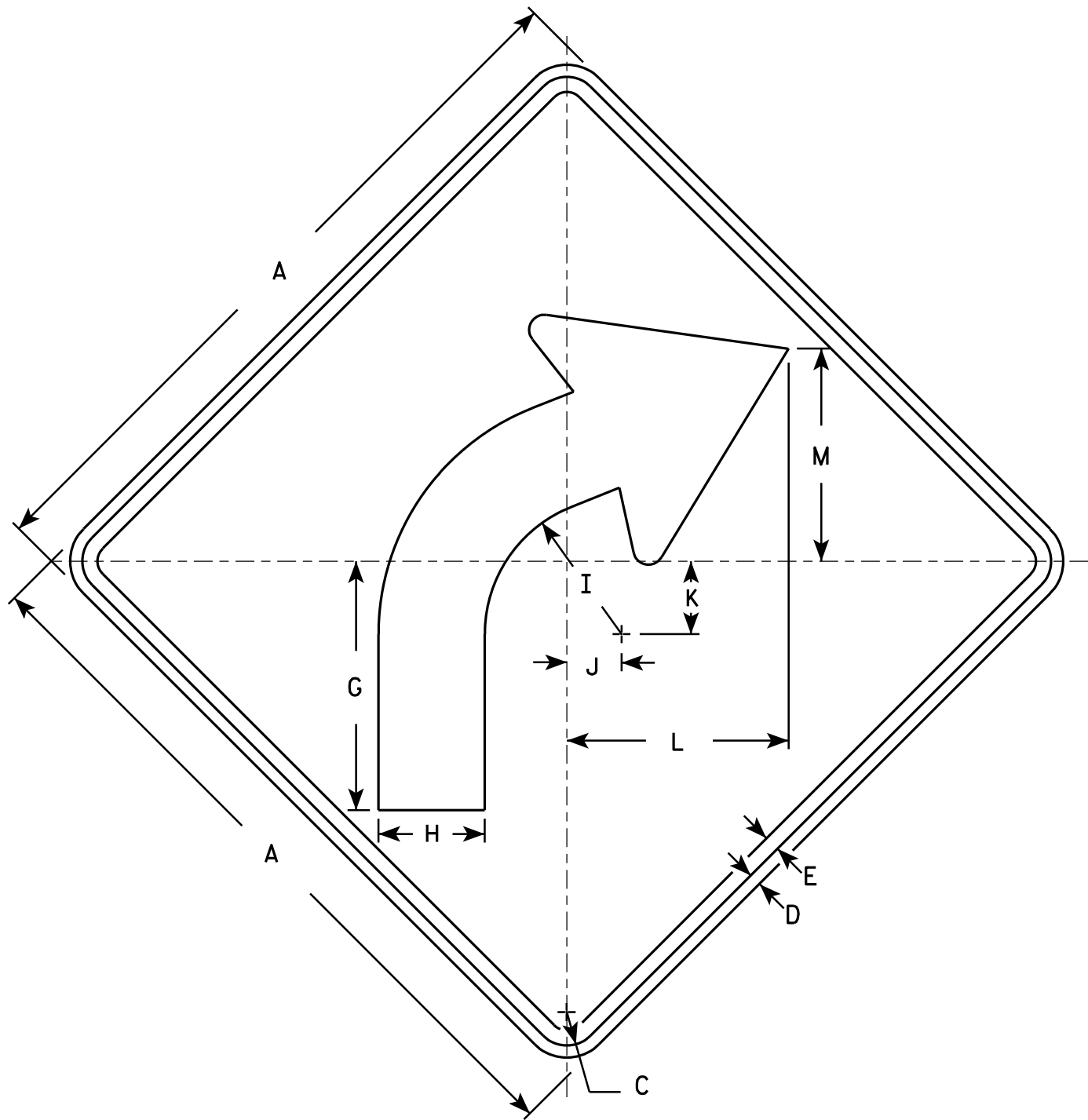
COUNTY:

SHEET NO:

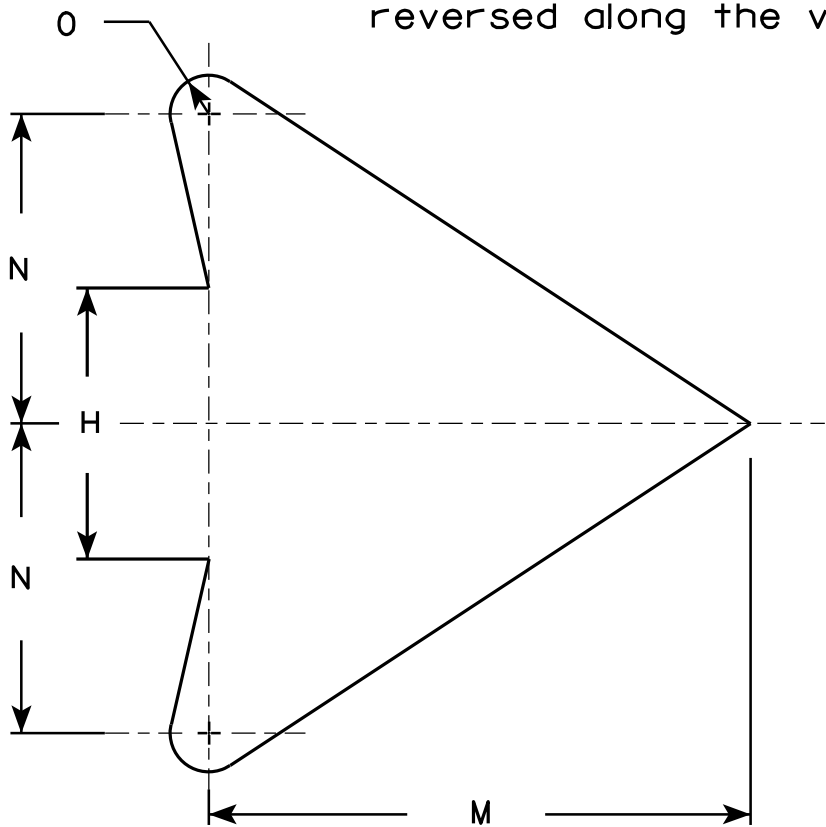
E

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

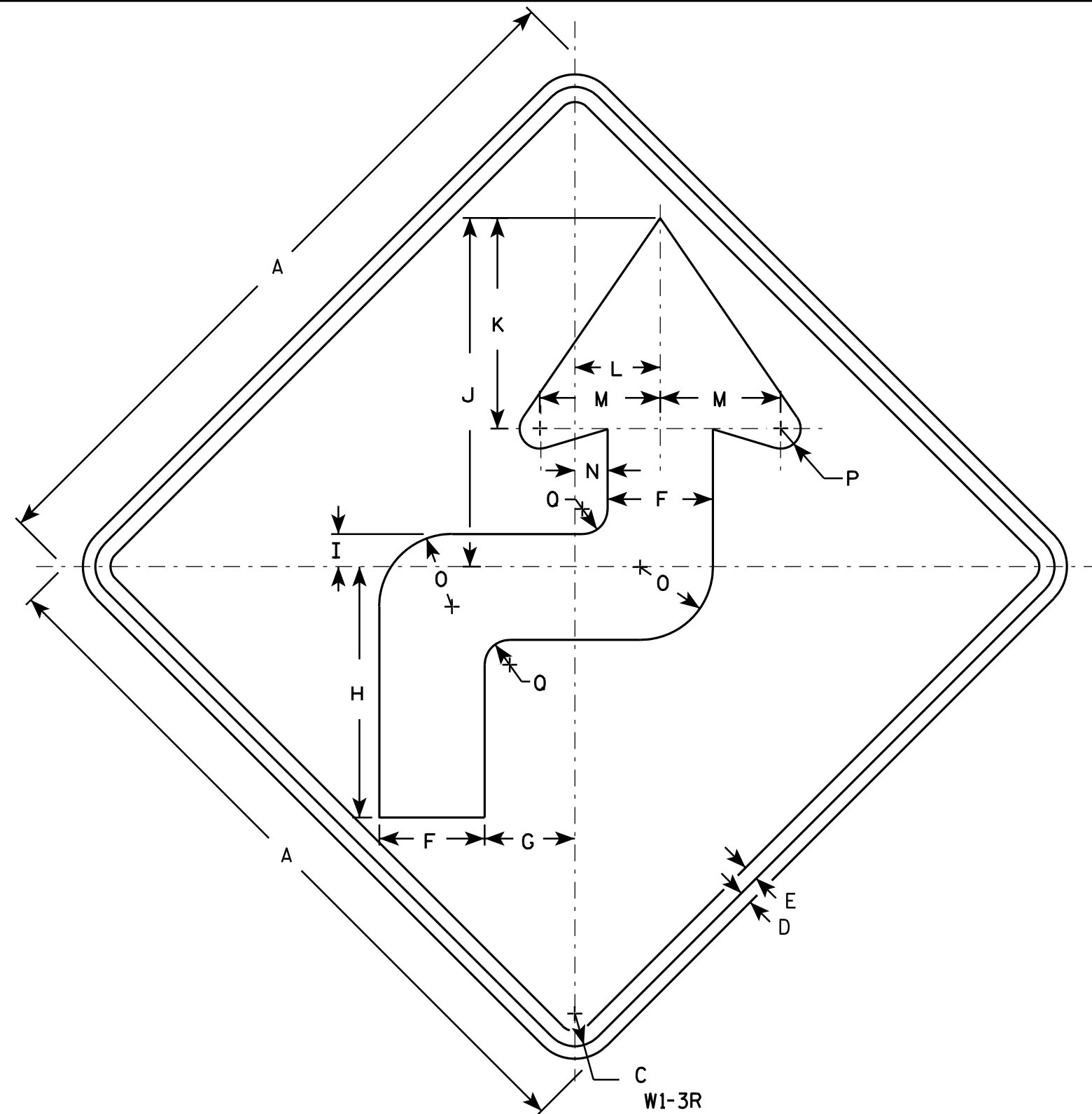
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	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.
4. W1-3L is the same as W1-3R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	3 1/2	3	8 3/8	1 1/8	11 5/8	7	2 3/4	4	1 1/8	2 1/2	5/8	7/8										4.0
2S	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
2M	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
3	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
4	36		1 5/8	5/8	3/4	5 1/4	6	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
5	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0

STANDARD SIGN W1-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 5/17/12 PLATE NO. W1-3.8

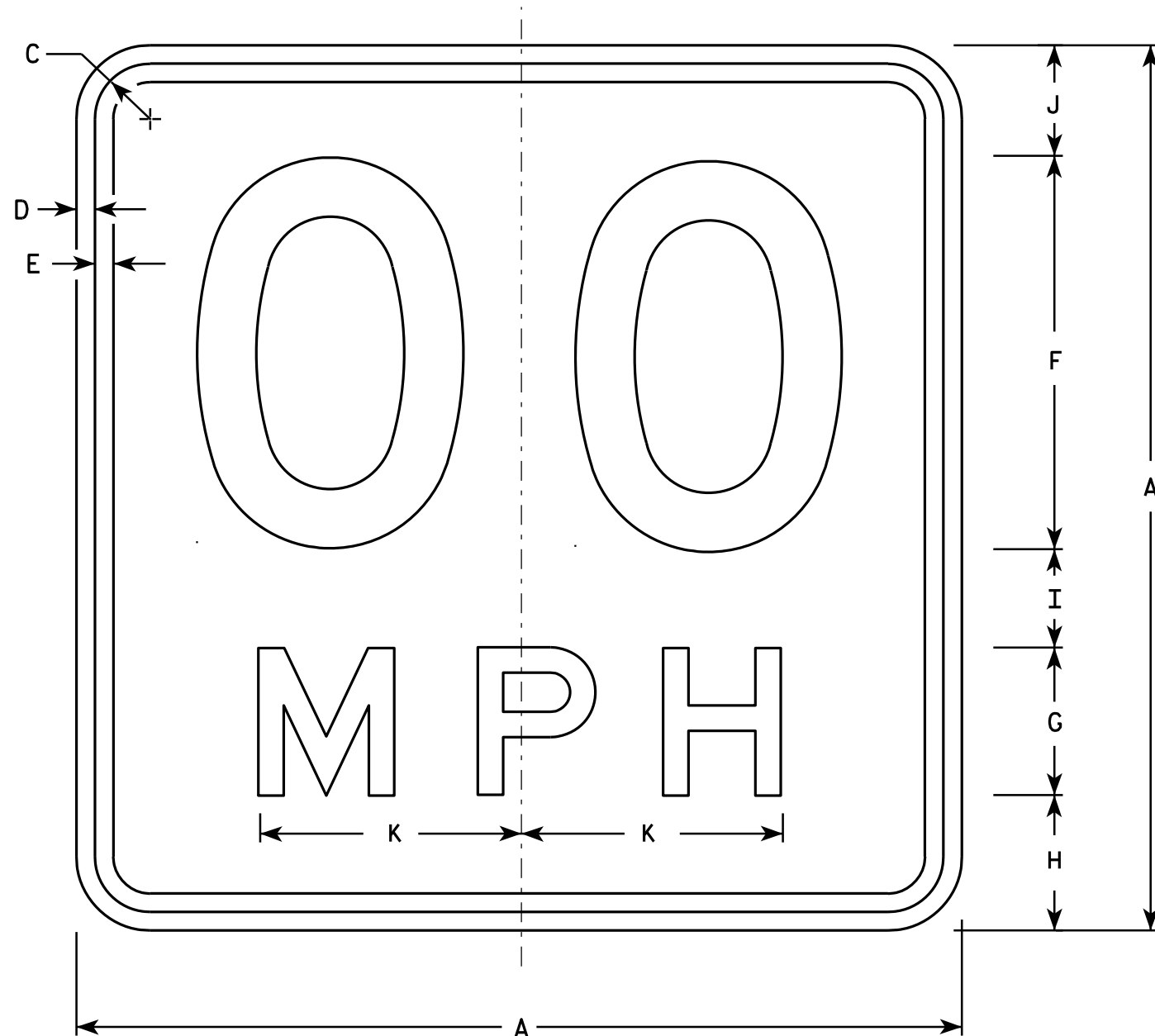
PROJECT NO:

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

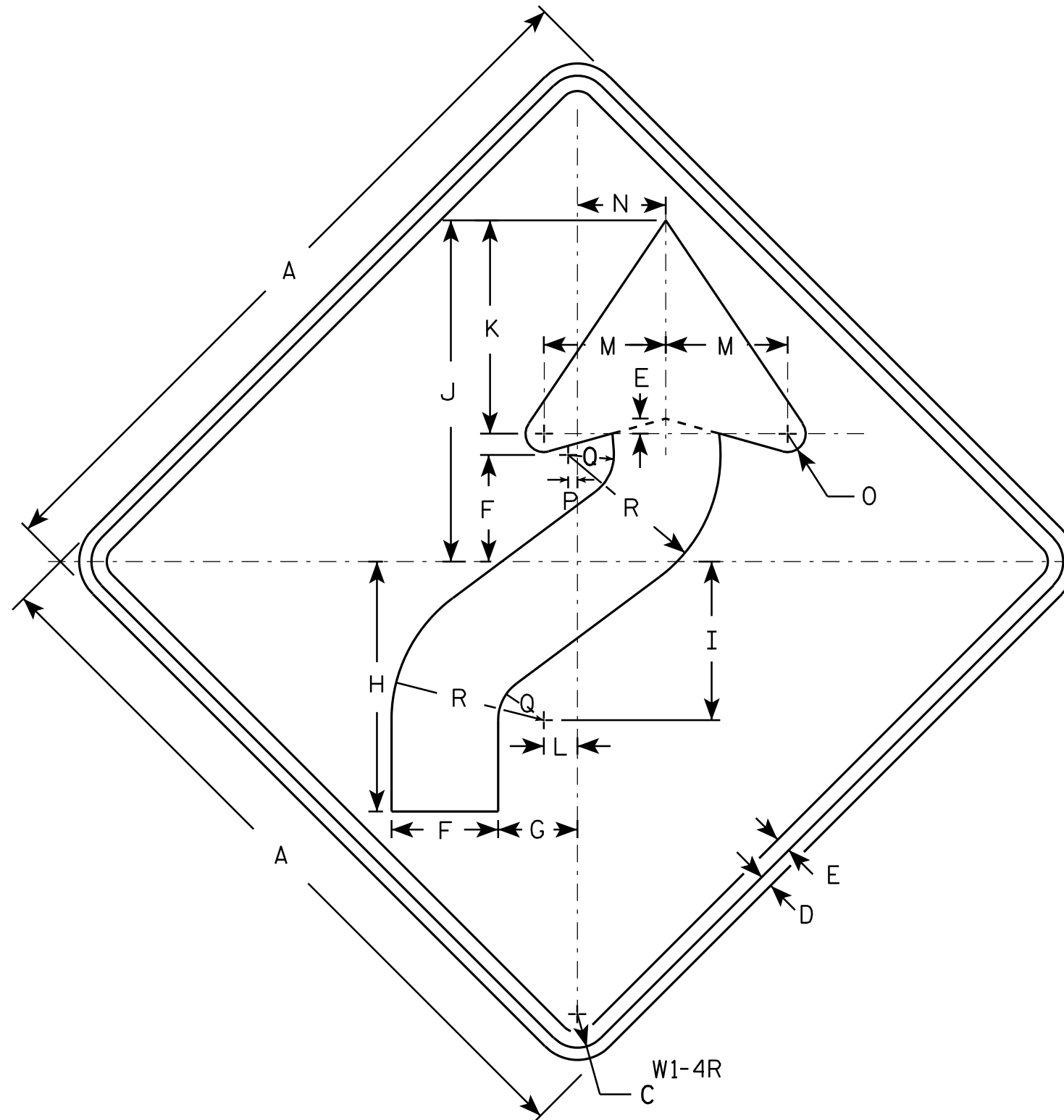
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

- Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - Yellow
Message - Black
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- W1-4L is the same as W1-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	3 1/2	2 5/8	8 1/4	5 1/4	11 1/4	7	1 1/8	4	3	5/8	1/4	1 1/2	5									4.0
2S	30		1 3/8	1/2	5/8	4 3/8	3 1/4	10 1/4	6 1/2	14	8 3/4	1 3/8	5	3 5/8	3/4	3/8	1 7/8	6 1/4									6.25
2M	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
3	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
4	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN

W1 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/17/12 PLATE NO. W1-4.11

PROJECT NO:

HWY:

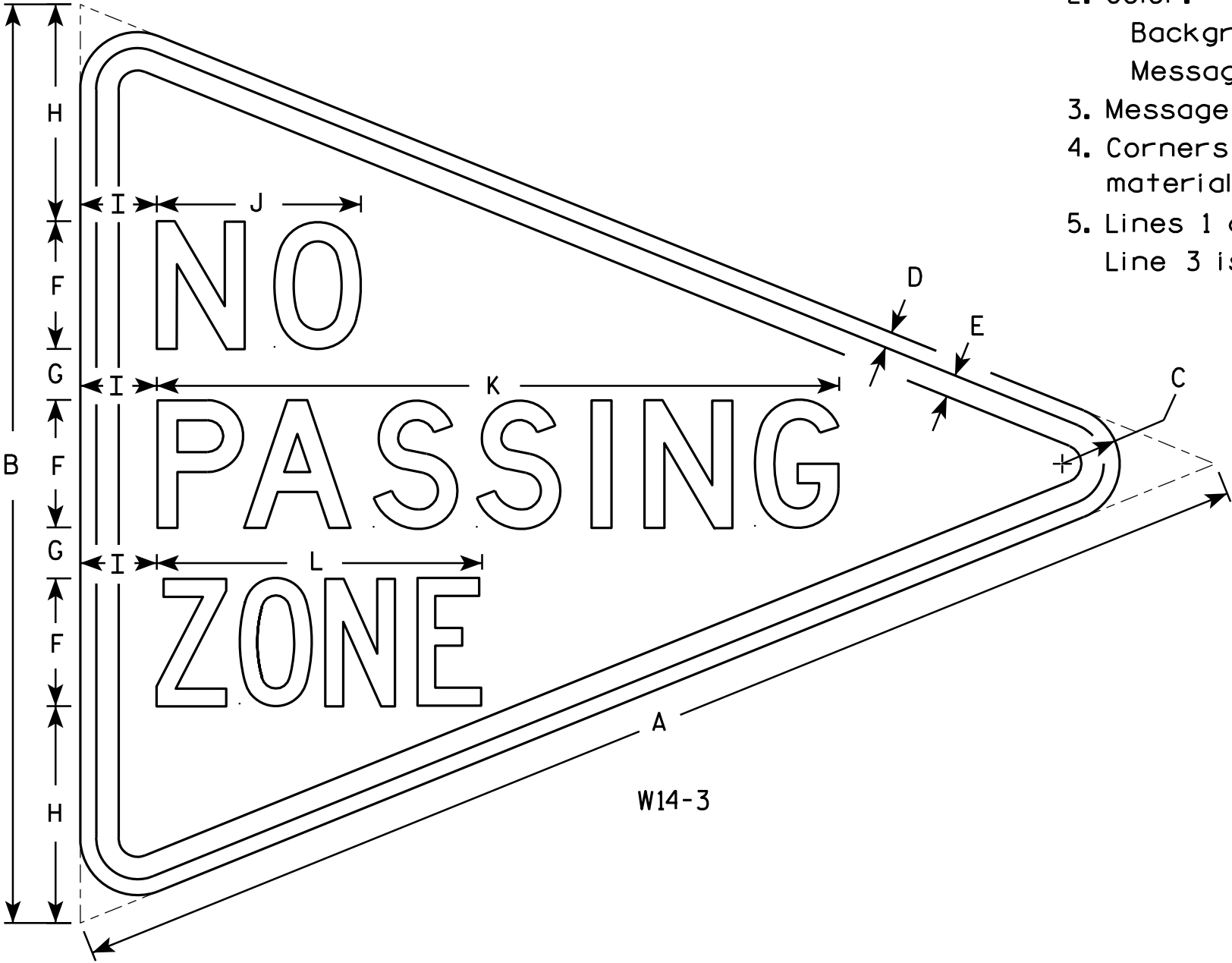
COUNTY:

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

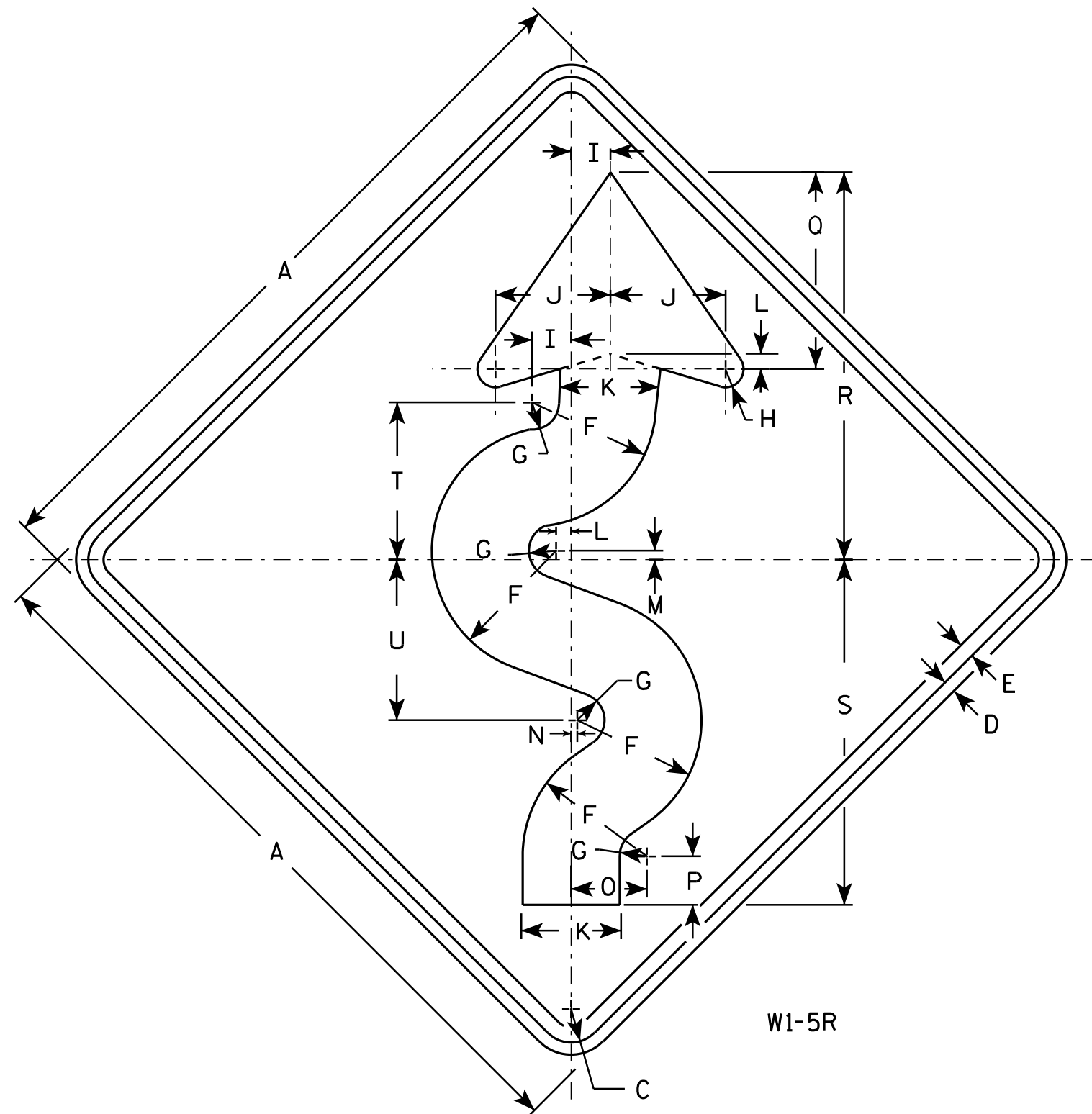
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2														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



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. W1-5L is the same as W1-5R except the arrow is reversed along the vertical centerline.

W1-5R

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	4 1/8	7/8	5/8	1 1/4	3 3/4	3 1/4	1/2	1/4	1/8	2 1/2	1 5/8	6 1/2	12 3/4	11 3/8	5 1/4	5 1/4						4.0
2S	30		1 3/8	1/2	5/8	5 1/8	1 1/8	3/4	1 5/8	4 3/4	4 1/8	5/8	3/8	1/4	3 1/8	2	8 1/8	16	14 1/4	6 1/2	6 5/8						6.25
2M	36		1 5/8	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
3	36		1 5/8	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
4	36		1 5/8	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
5	48		2 1/4	3/4	1	8 1/4	1 3/4	1 1/4	2 1/2	7 1/2	6 1/2	1	1/2	3/8	5	3 1/4	13	25 1/2	22 3/4	10 3/8	10 1/2						16.0

STANDARD SIGN W1-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
for State Traffic Engineer

DATE 5/18/12

PLATE NO. W1-5.8

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

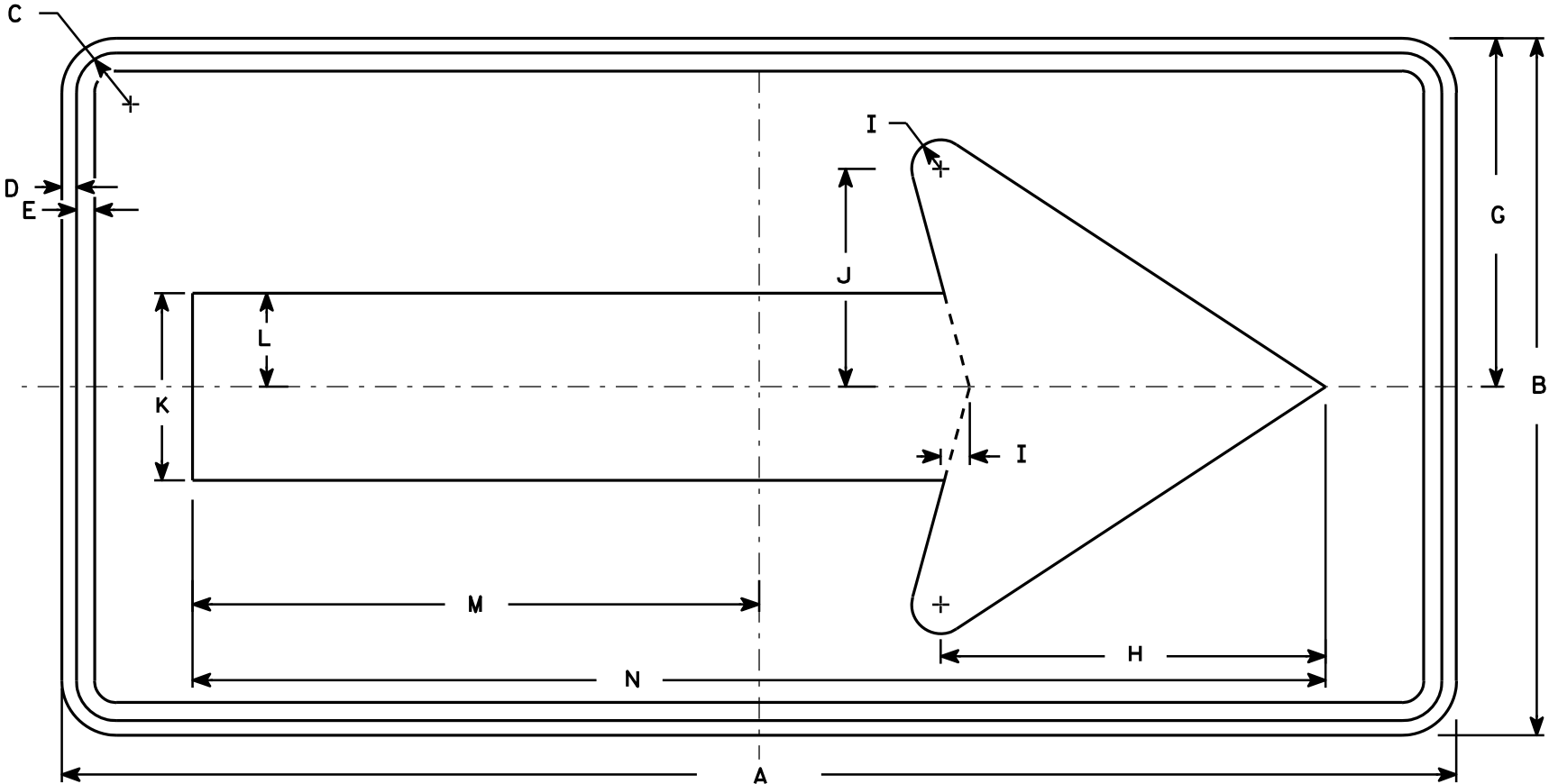
E

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. 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

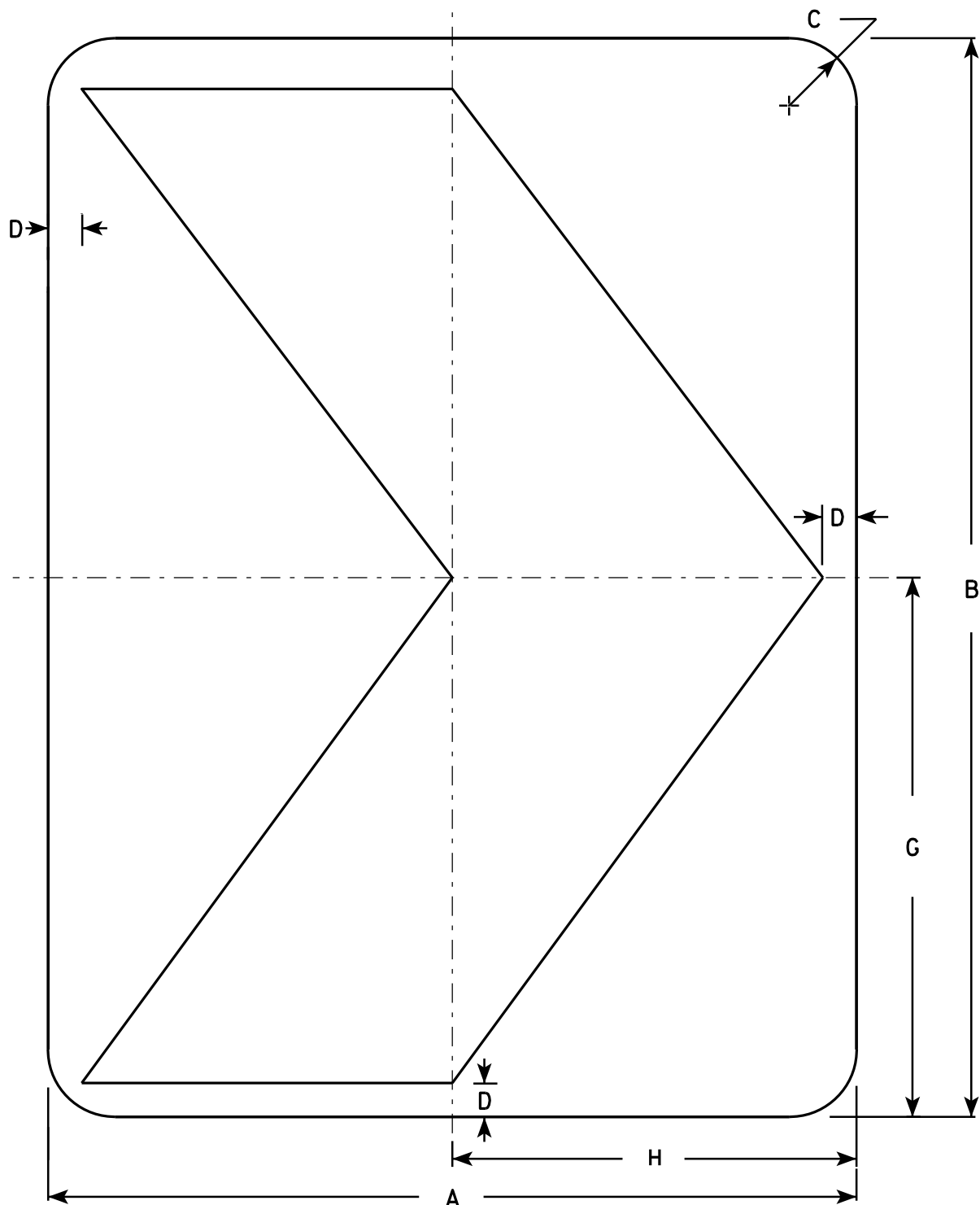
APPROVED

Matthew R. Rauch

for State Traffic Engineer

DATE 6/7/10

PLATE NO. W1-6.8



NOTES

1. 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.

W1-8

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/2	1/2			9	6																			1.5
2S	18	24	1 1/2	3/4			12	9																			3.0
2M	18	24	1 1/2	3/4			12	9																			3.0
3	24	30	1 1/2	1			15	12																			5.0
4	30	36	1 7/8	1 1/4			18	15																			7.5
5	36	48	2 1/4	1 1/2			24	18																			12.0

STANDARD SIGN

W1-8

WISCONSIN DEPT OF TRANSPORTATION

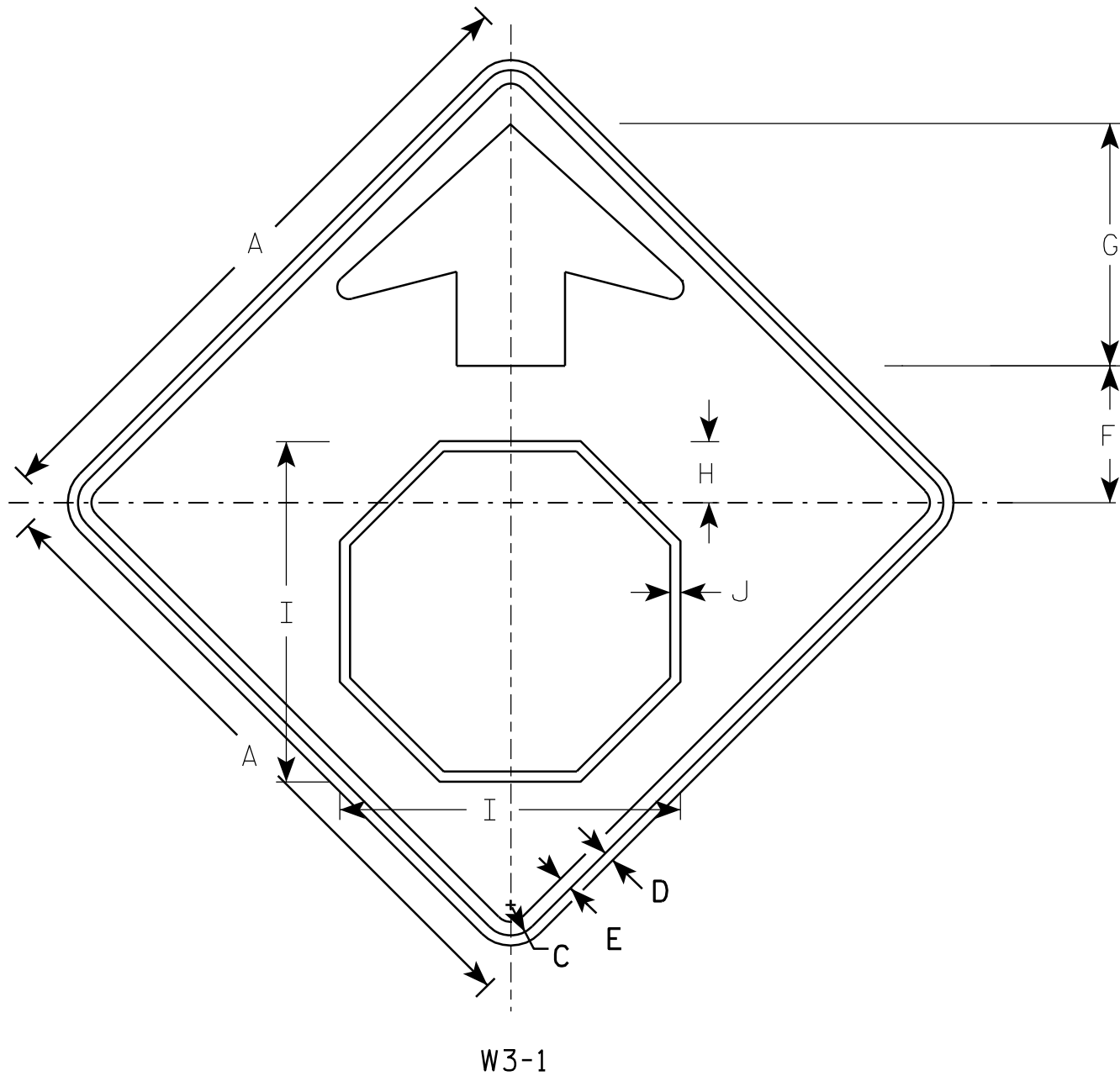
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-8.6

PROJECT NO:

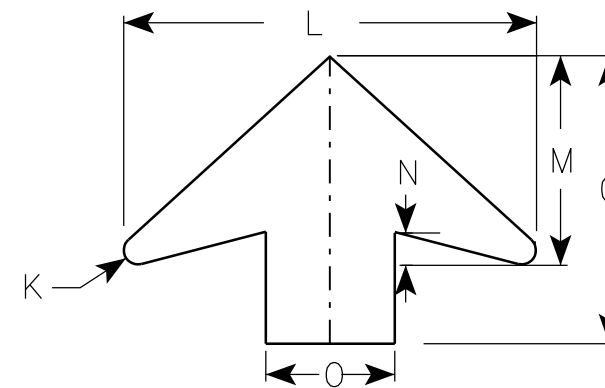
SHEET NO:

E



NOTES

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



ARROW DETAIL

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

STANDARD SIGN

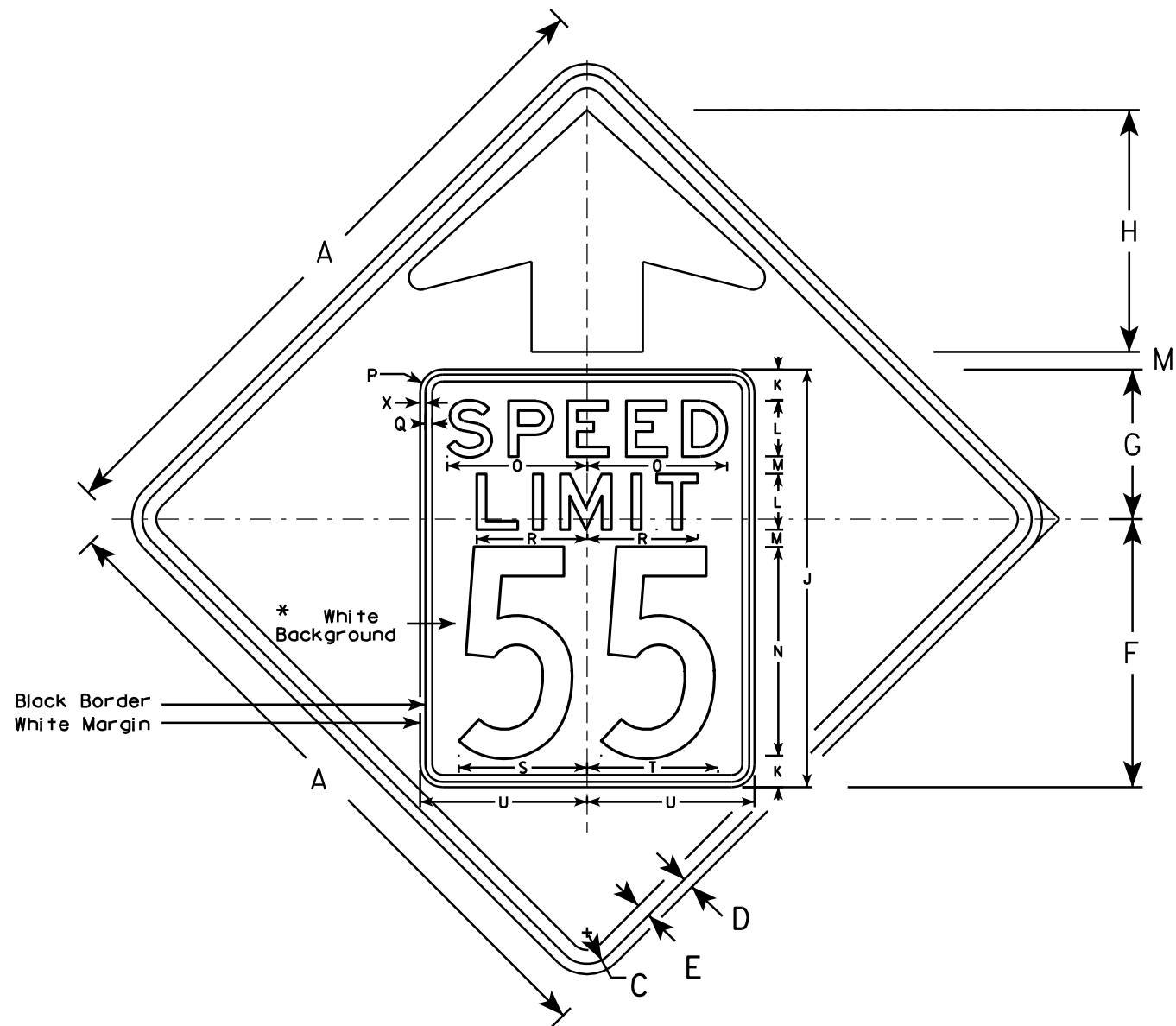
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*

for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

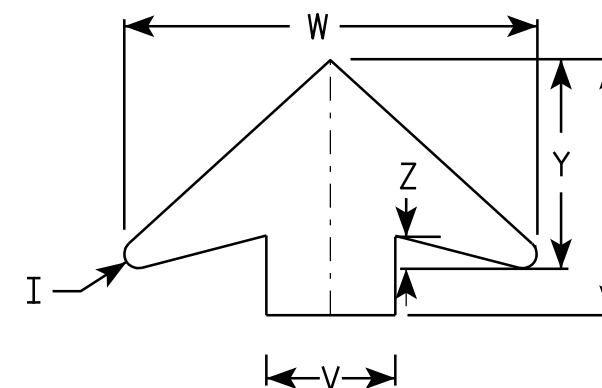


W3-5

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

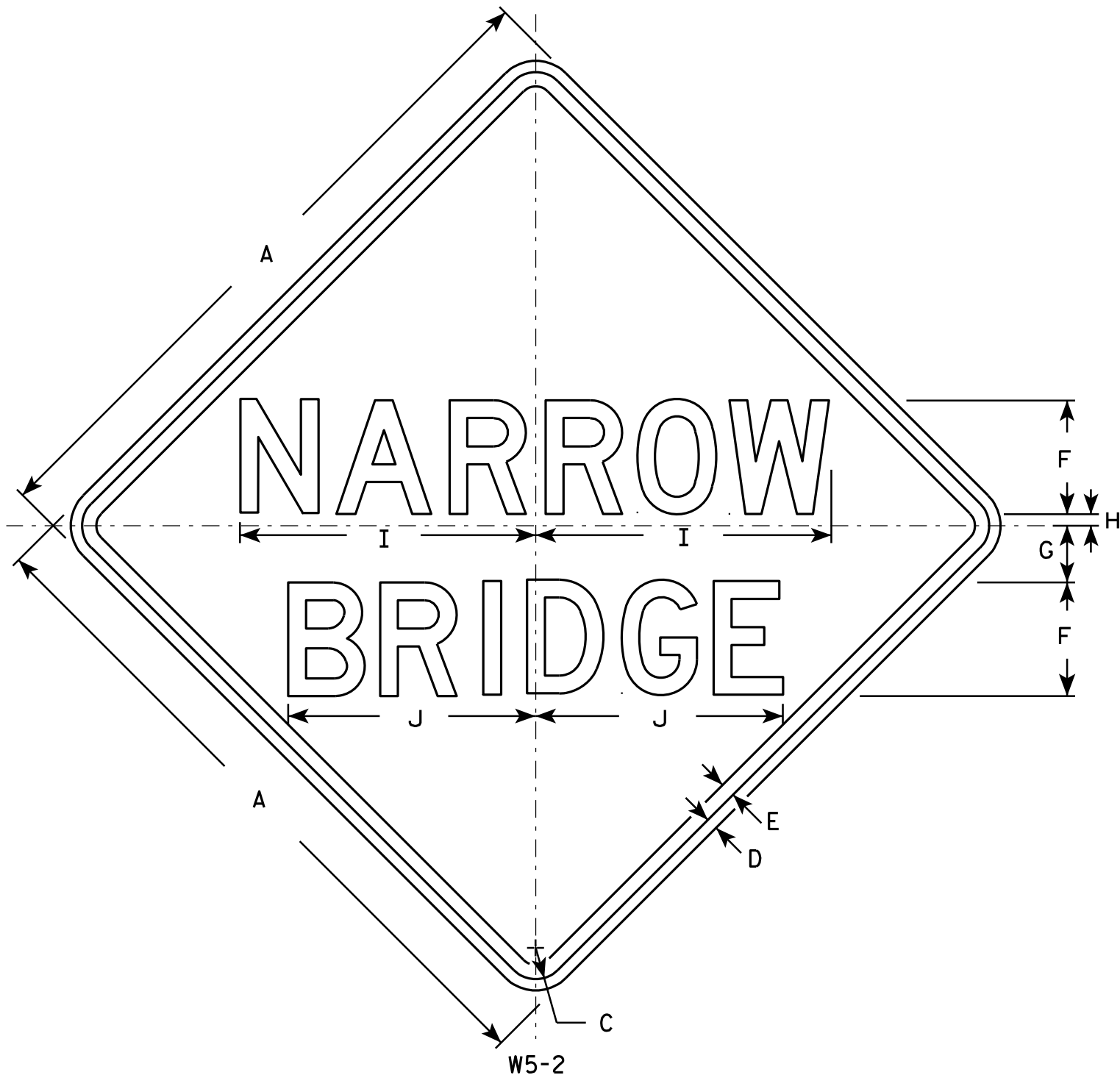
DATE 5/29/12

PLATE NO. W3-5.5

PROJECT NO:

SHEET NO:

E



NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3⁄8	1⁄2	5⁄8	5	2 1⁄2	1⁄2	13	10 7⁄8																	6.25
2S	36		1 5⁄8	5⁄8	3⁄4	6	3	3⁄4	15 5⁄8	13 1⁄8																	9.0
2M	36		1 5⁄8	5⁄8	3⁄4	6	3	3⁄4	15 5⁄8	13 1⁄8																	9.0
3	36		1 5⁄8	5⁄8	3⁄4	6	3	3⁄4	15 5⁄8	13 1⁄8																	9.0
4	48		2 1⁄4	3⁄4	1	8	4	3⁄4	20 3⁄4	17 3⁄8																	16.0
5																											

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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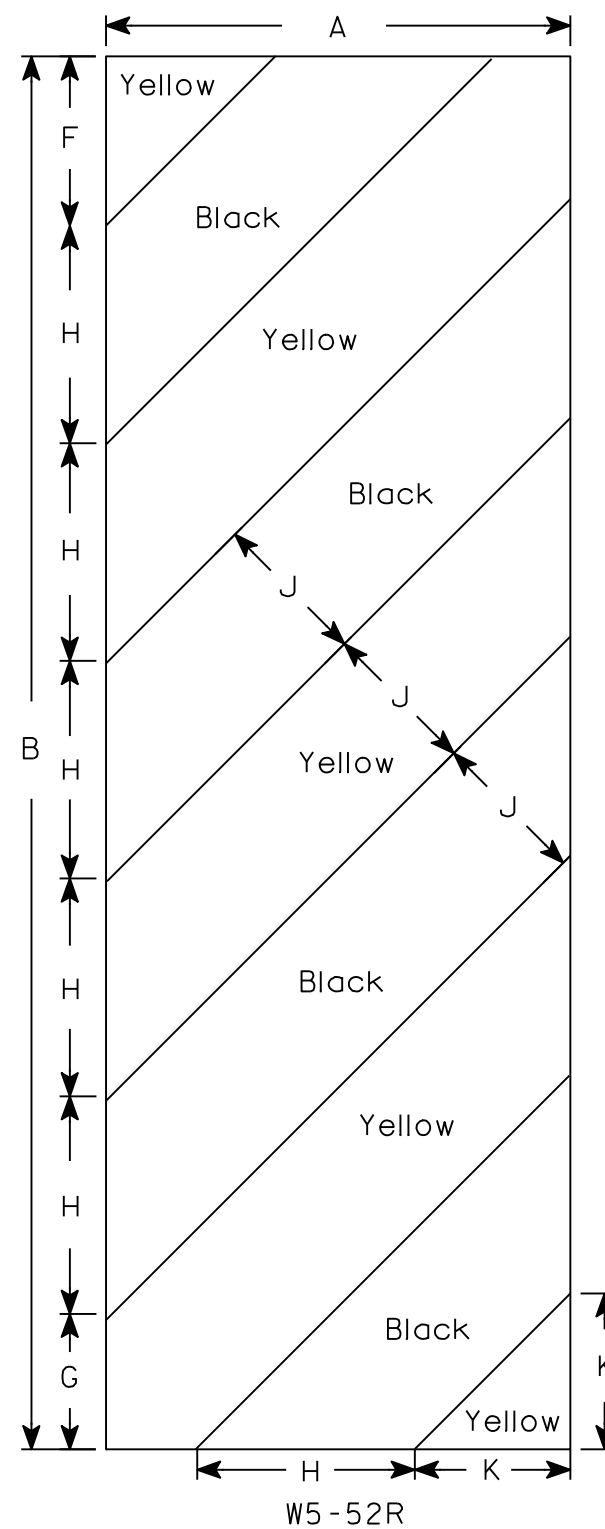
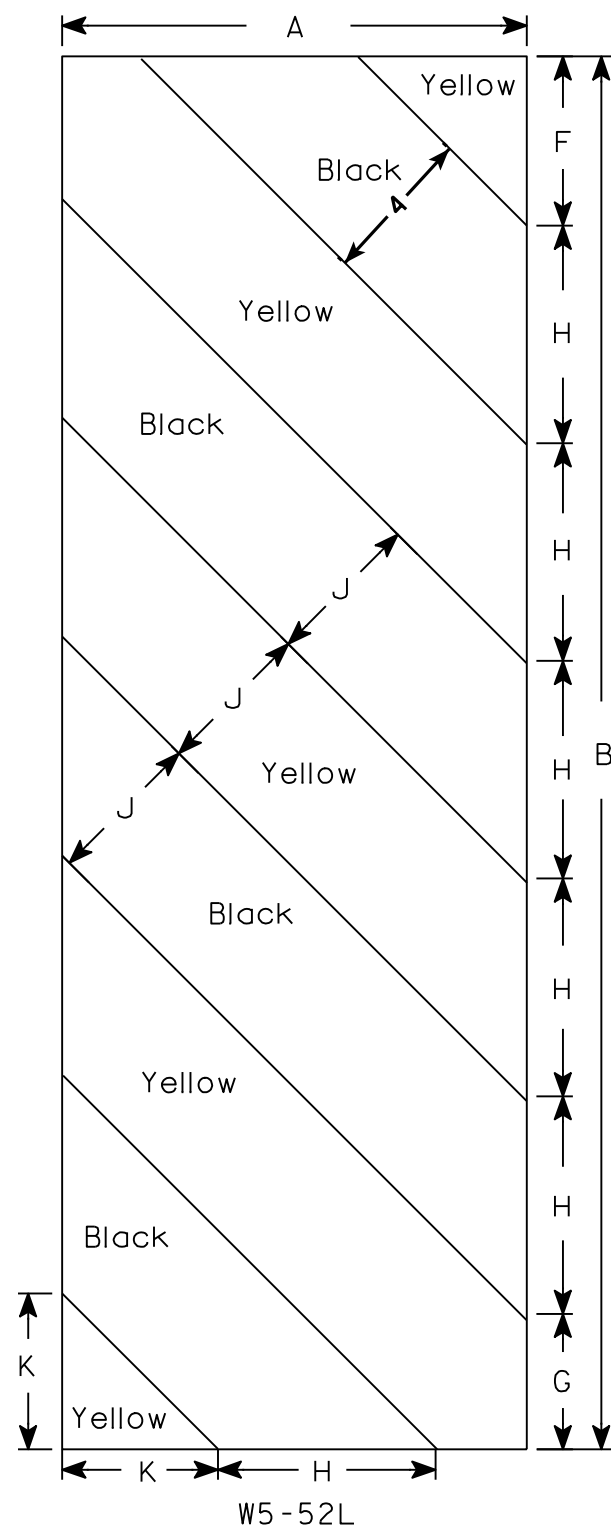
STANDARD SIGN

W5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/22/11 PLATE NO. W5-2.7



NOTES

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

[illegible]

STANDARD SIGN
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 5/29/12 PLATE NO. W5-52.9

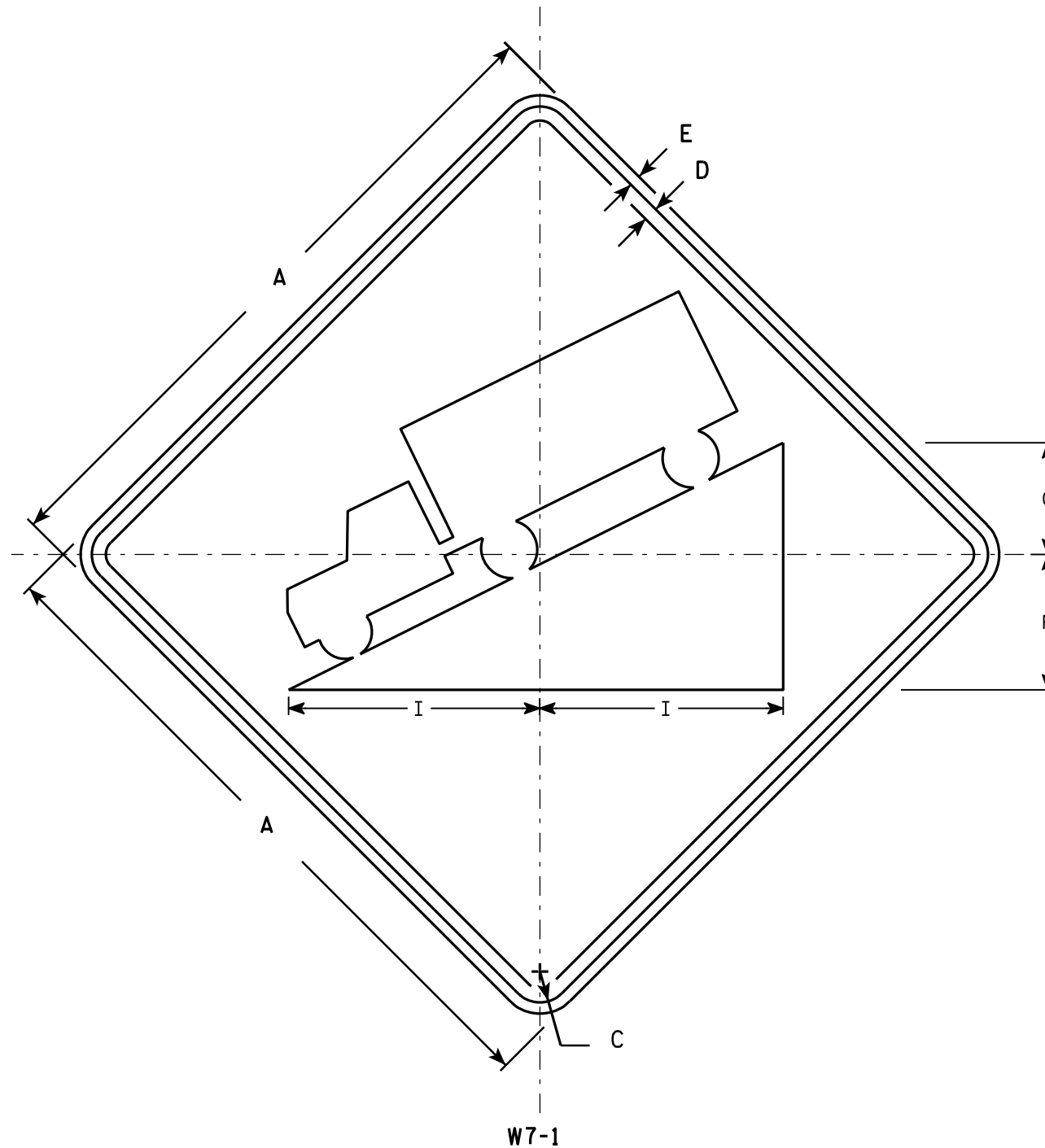
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

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

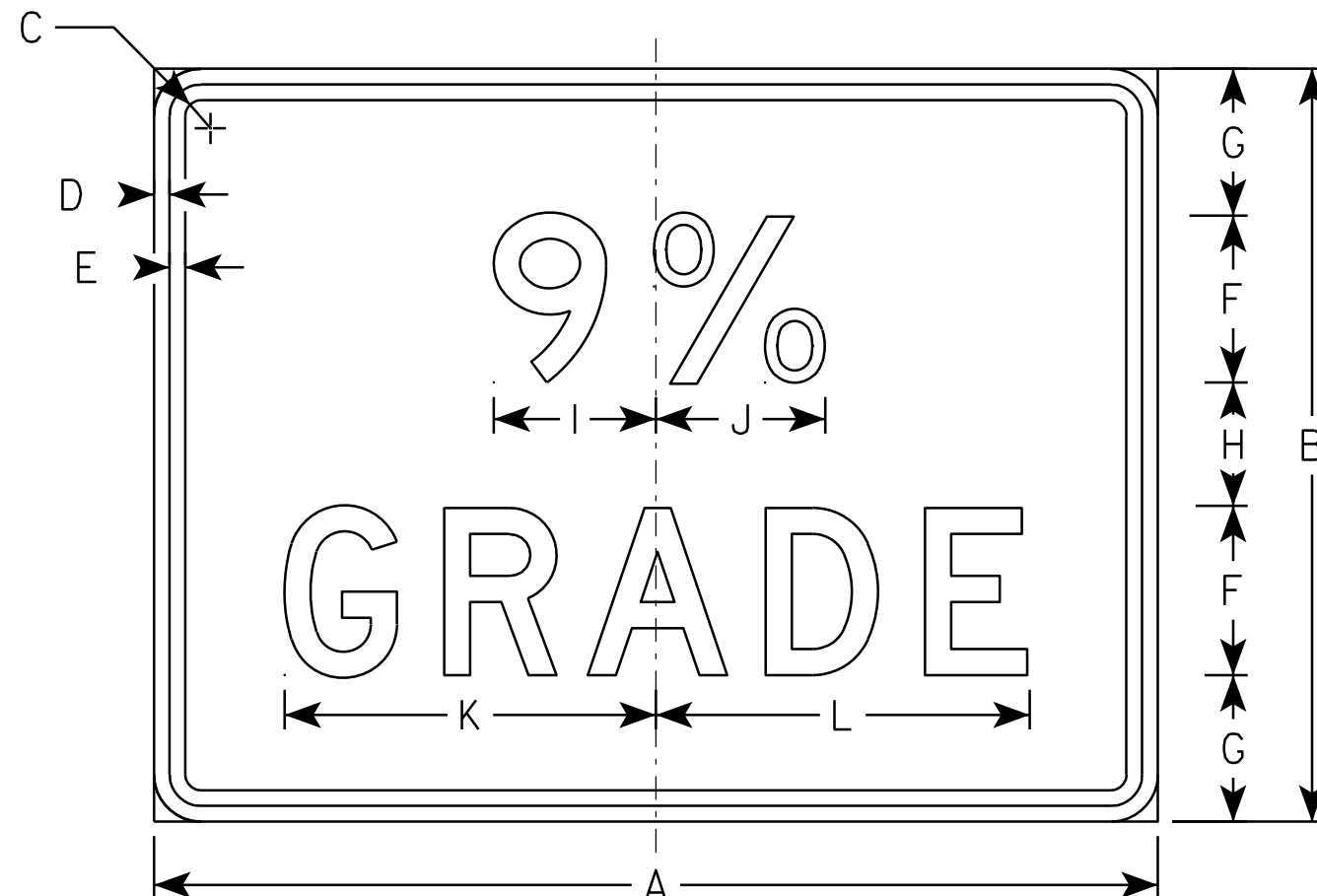
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	3/8	5	4		8 3/4																		4.0
2S	30		1 3/8	1/2	5/8	6	5		11																		6.25
2M	36		1 5/8	5/8	3/4	7 1/4	6		13 1/4																		9.0
3	36		1 5/8	5/8	3/4	7 1/4	6		13 1/4																		9.0
4	36		1 5/8	5/8	3/4	7 1/4	6		13 1/4																		9.0
5	48		2 1/4	3/4	1	9 3/4	8		17 1/2																		16.0

STANDARD SIGN W7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 4/18/11 PLATE NO. W7-1.12

PROJECT NO: HWY: COUNTY: SHEET NO: E



W7-3

NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Yellow
Message - Black
- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. Substitute appropriate numeral 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																											
2S	24	18	1 1/8	3/8	3/8	4	3 1/2	3	3 7/8	4	8 7/8	9															3.0
2M	24	18	1 1/8	3/8	3/8	4	3 1/2	3	3 7/8	4	8 7/8	9															3.0
3																											
4																											
5																											

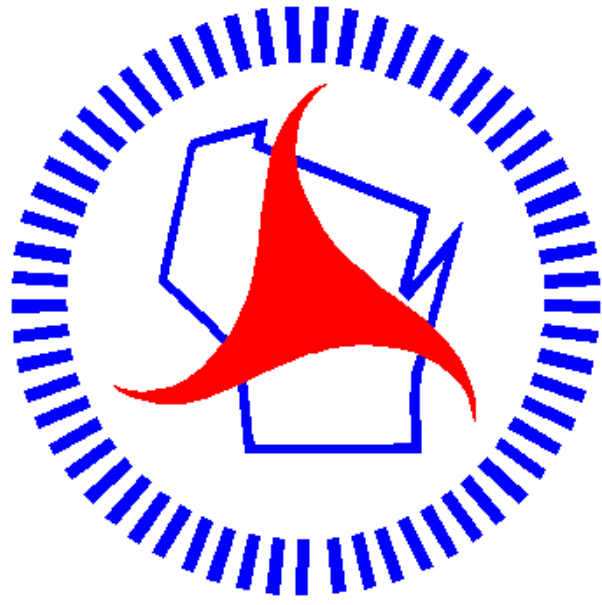
STANDARD SIGN
W7-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/22/11 PLATE NO. W7-3.3

Notes



Wisconsin Department of Transportation

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