

INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2-2.7 TYPICAL INSTALLATION DETAILS
- SHEET NO. 3 ESTIMATE OF QUANTITIES
- SHEET NO. 3A-3G MISCELLANEOUS QUANTITIES
- SHEET NO. 4-50 DETAIL SHOP DRAWINGS
- SHEET NO. 51-59 LOCATION DETAILS
- SHEET NO. 60-65 STRUCTURE DETAILS
- SHEET NO. 66 STANDARD DETAILS

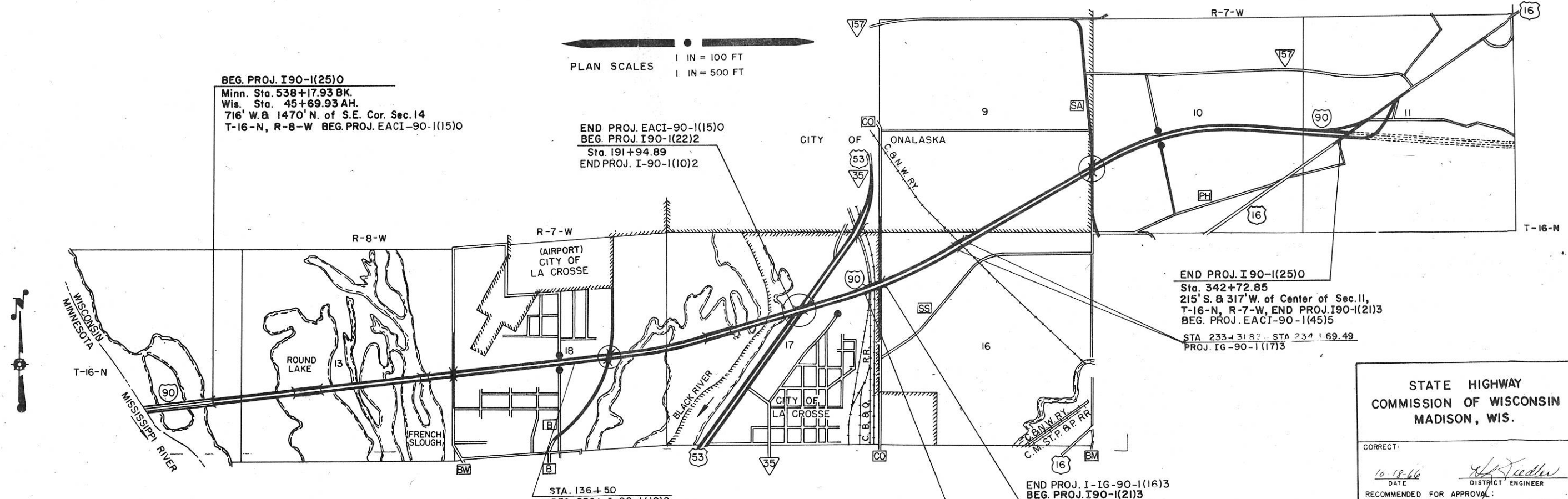


STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

SIGNING AND PAVEMENT MARKING
LA CROSSE - TOMAH ROAD
MISSISSIPPI RIVER - USH 16 SECTION
PROJECT I90-1(25)0
LA CROSSE COUNTY
I.H. 90

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.3	90.1		13.25	4 WIS.	1	66

Signs



BEG. PROJ. I90-1(25)0
Minn. Sta. 538+17.93 BK.
Wis. Sta. 45+69.93 AH.
716' W. & 1470' N. of S.E. Cor. Sec. 14
T-16-N, R-8-W BEG. PROJ. EACI-90-1(15)0

PLAN SCALES
1 IN = 100 FT
1 IN = 500 FT

END PROJ. EACI-90-1(15)0
BEG. PROJ. I90-1(22)2
Sta. 191+94.89
END PROJ. I-90-1(10)2

END PROJ. I90-1(25)0
Sta. 342+72.85
215' S. & 317' W. of Center of Sec. 11,
T-16-N, R-7-W, END PROJ. I90-1(21)3
BEG. PROJ. EACI-90-1(45)5
STA 233+31.82 - STA 234+69.49
PROJ. IG-90-1(17)3

END PROJ. I-IG-90-1(16)3
BEG. PROJ. I90-1(21)3
Sta. 216+04.25

END PROJ. I90-1(22)0
Sta. 212+36.84
BEG. I-IG-90-1(16)3

STA. 136+50
BEG. PROJ. I-90-1(10)2

CONVENTIONAL SYMBOLS

- SIGN-GROUND INSTALLATION
- SIGN-SIGN BRIDGE INSTALLATION
- SIGN-STRUCTURE INSTALLATION
- DELINEATOR-SINGLE UNIT
- DELINEATOR-DOUBLE UNIT
- DELINEATOR-TRIPLE UNIT
- MILE POST
- SIGN NO.

LAYOUT

SCALE 1 MILE
TOTAL NET LENGTH OF CENTERLINE = 6.122 MI. RURAL
1.193 MI. URBAN
5.615 MI. TOTAL

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

CORRECT: 10/18/66 DATE [Signature] DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL: 10/19/66 DATE [Signature] CHIEF TRAFFIC ENGINEER

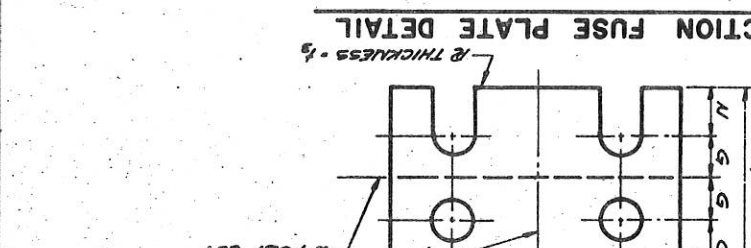
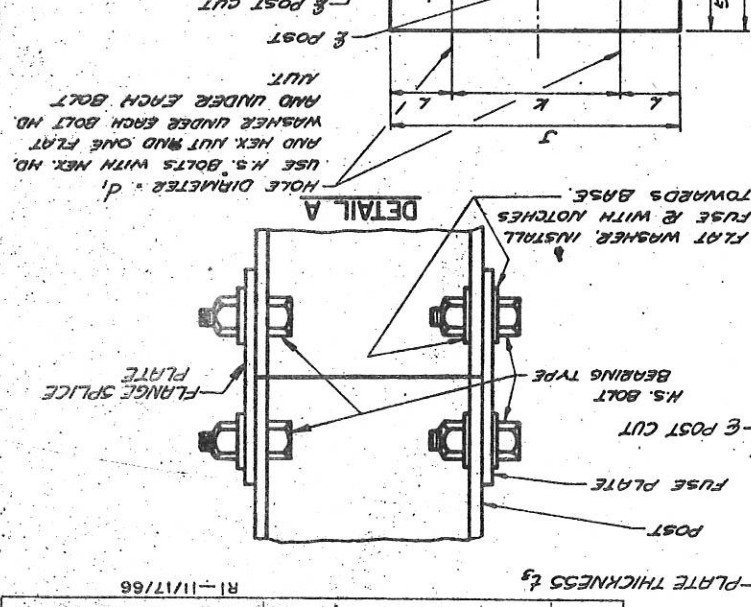
10/26/66 DATE [Signature] CHIEF DESIGN ENGINEER

APPROVED: 11/26/66 DATE [Signature] STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____
DIVISION ENGINEER

DJS

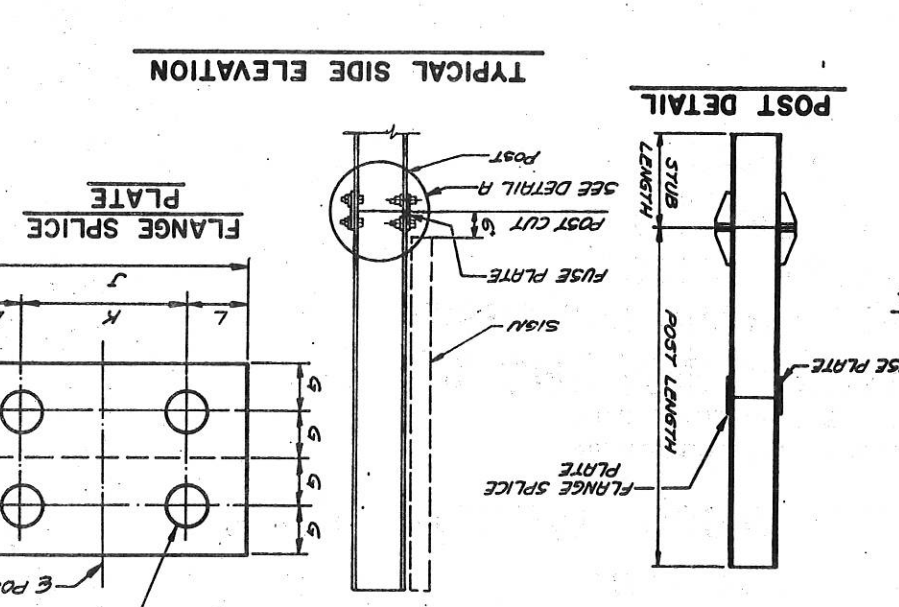


(SEE TABLE FOR DIMENSIONS)
 NOTE: ALL FRICTION FUSE PLATE BOLTS SHALL BE TIGHTENED IN THE SNIP FOLLOWING A METHOD APPROVED BY THE ENGINEER. TIGHTENING SHALL BE TO SUCH A DEGREE AS TO OBTAIN THE FOLLOWING MINIMUM RESIDUAL TENSION IN EACH BOLT.
 BOLT SIZE
 MIN. RESIDUAL BOLT TENSION
 1/2" ϕ 12,050 LBS.
 3/4" ϕ 20,400 LBS.
 5/8" ϕ 19,200 LBS.
 3/4" ϕ 12,050 LBS.
DESIGN DATA
 WIND PRESSURE = 44 p.s.f.
 WIND COMPONENTS - NORMAL = 10 TRANSVERSE = 0.1
 ICE LOAD = 3 p.s.f.
 PERCENT OF ALLOWABLE STRESS
 I DEAD 1.85
 II DEAD & WIND 1.45
 III DEAD, ICE & 1/2 WIND 1.45
 ALLOWABLE SOIL PRESSURE = 1 1/2 T/SQ. FT.
 WIND LOAD WAS APPLIED TO THE REAR OF THE SIGN AND TO THE SUPPORTING MEMBERS.
 ICE LOAD WAS APPLIED TO ONE FACE OF THE SIGN AND AROUND THE SURFACE OF THE SUPPORTING MEMBERS.
 * 60% OF A 100 M.P.H. WIND, 60% WAS USED BECAUSE OF THE LOW HEIGHTS OF THE SIGNS.

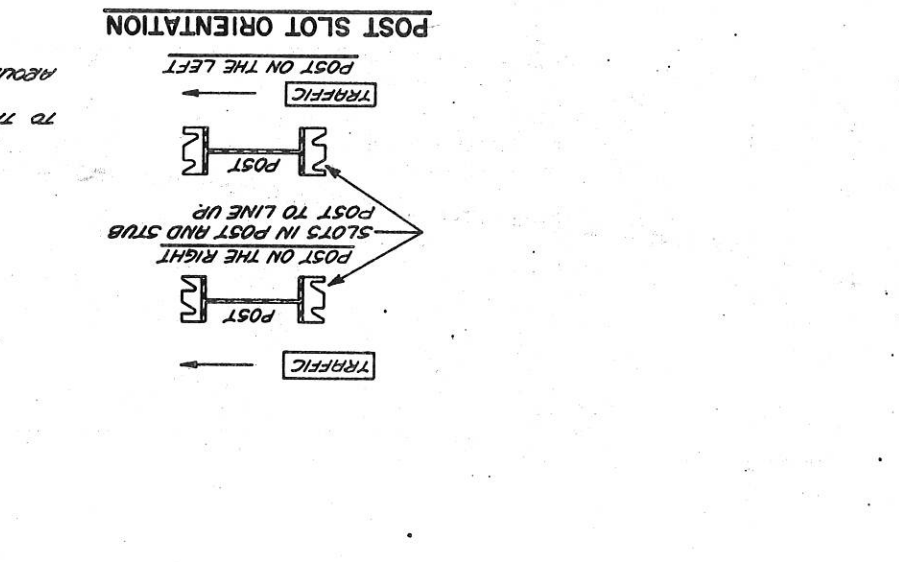
GENERAL NOTES
 THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST, FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.
 DESIGN CONFORMS WITH R.S.H.D. SPECIFICATIONS, 1961. DRAWINGS SHALL NOT BE SCALED.
 THE BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED R5TM R153 CLASS C OR R5TM R164 TYPE G5.
 ALL BOLTS SHALL BE R5TM R325.
 ALL POSTS AND POST STUBS SHALL BE R36.

STANDARD DETAIL DRAWINGS
 STEEL PLATE BEAM GUARD 7-2,4,12

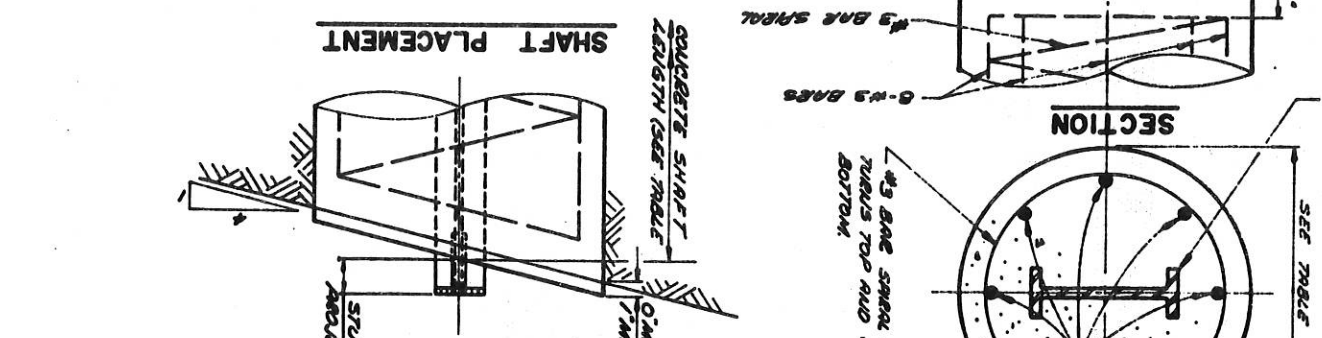
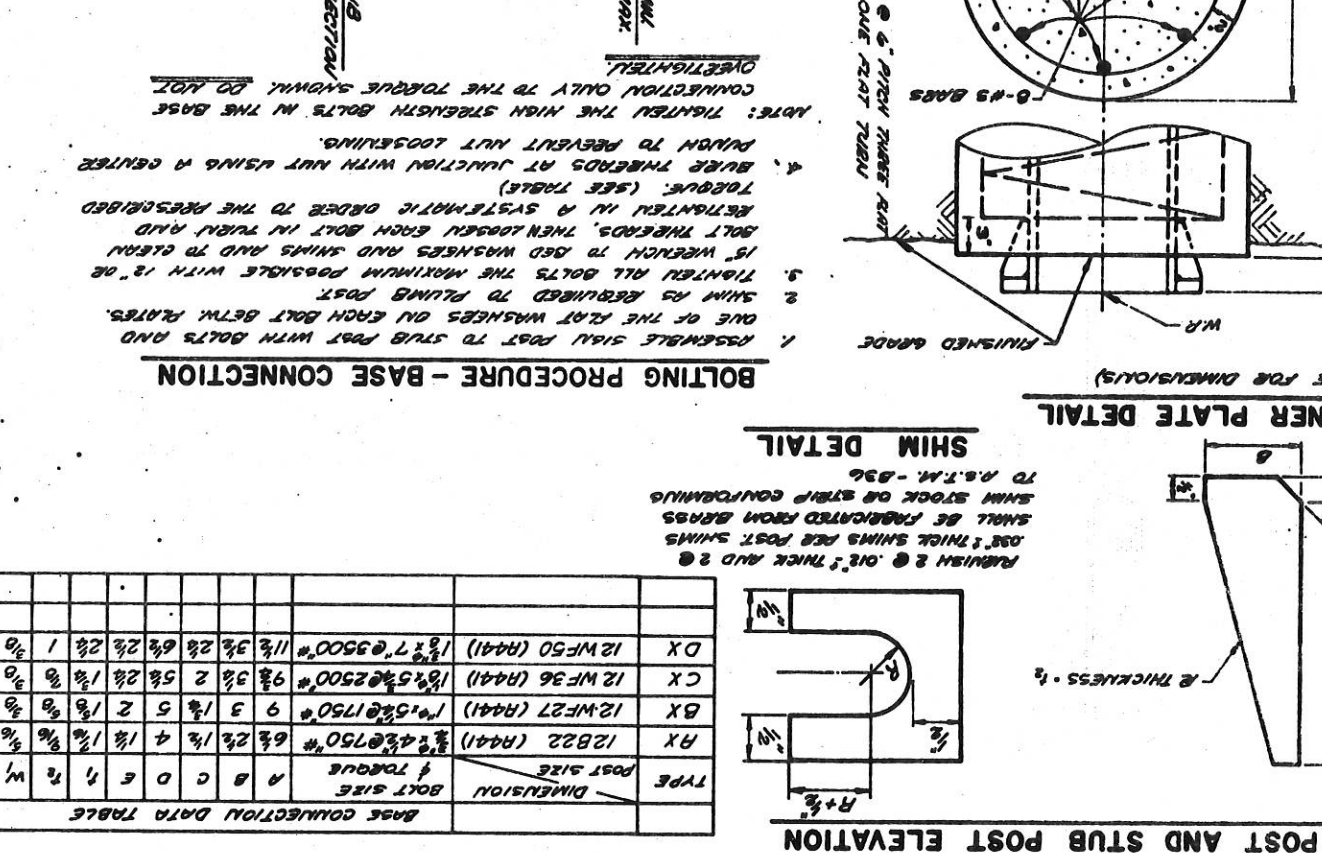
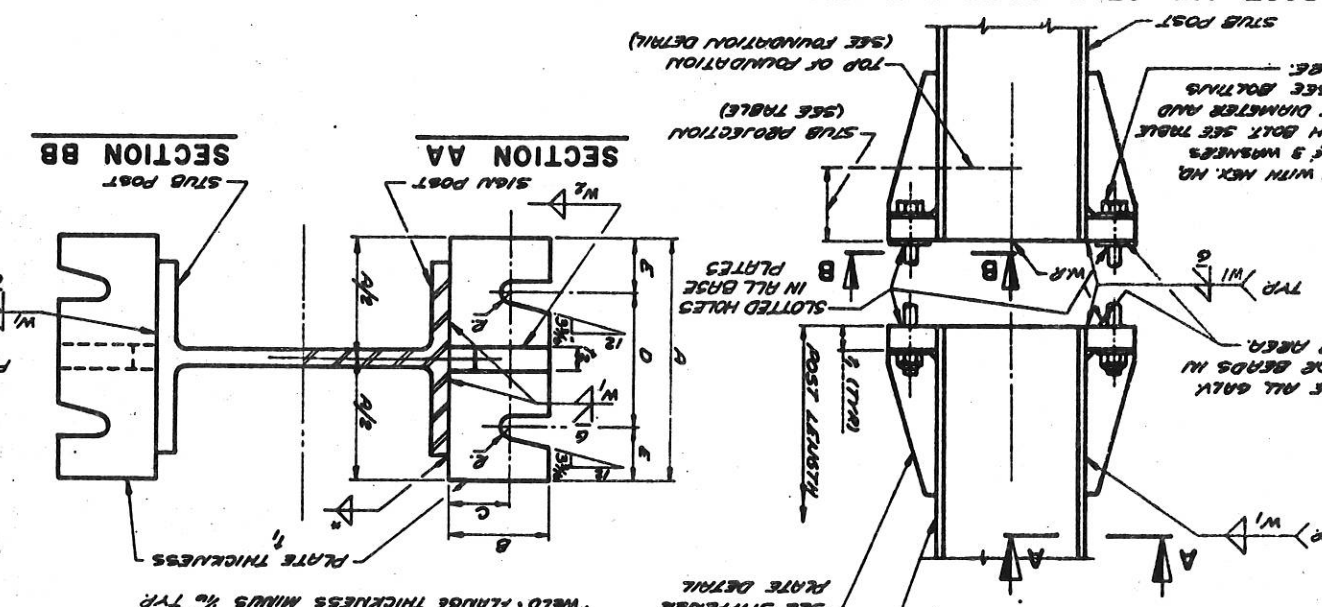
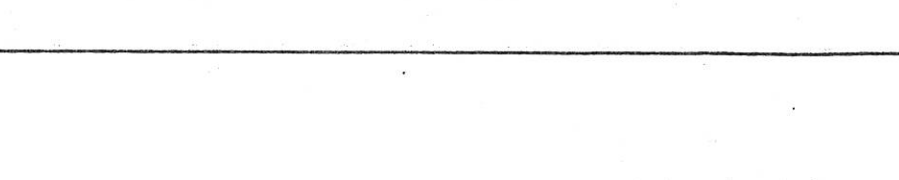
FOOTING & SIGN SUPPORT DETAILS
GROUND MOUNT
BREAK-AWAY SIGNS
 TYPE AX, BX, CX, & DX
 DR:MC
 CR:FORM



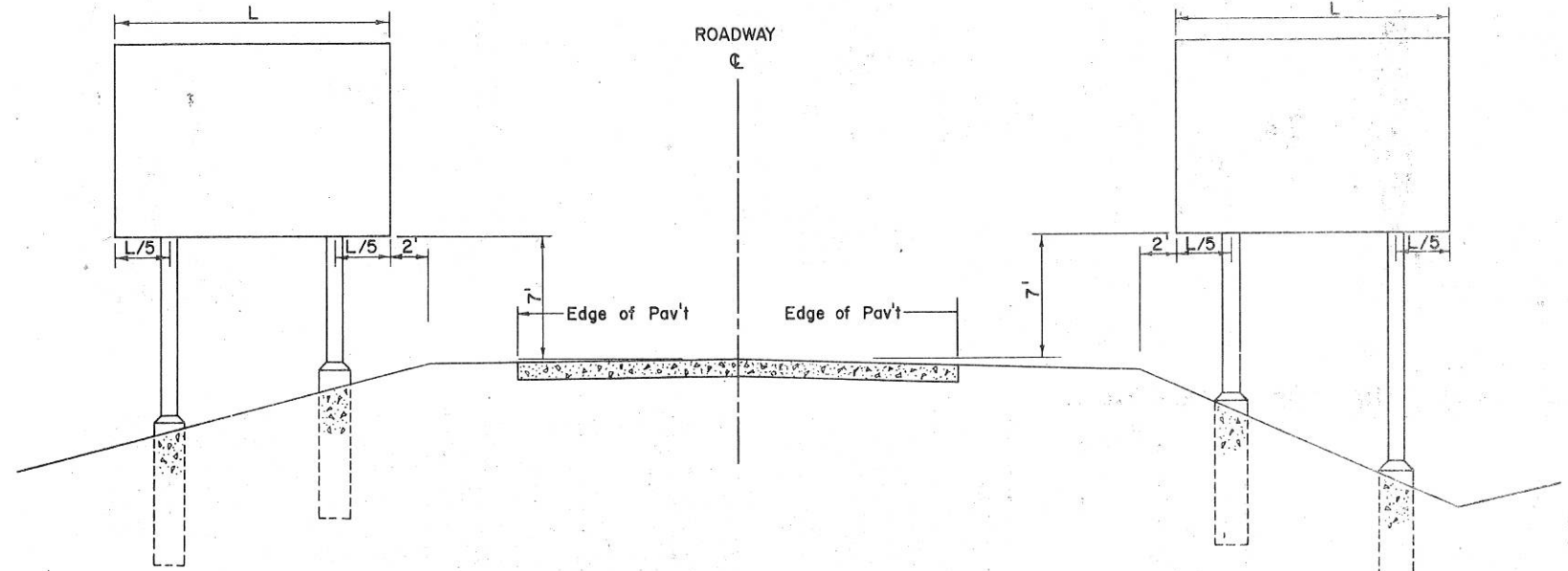
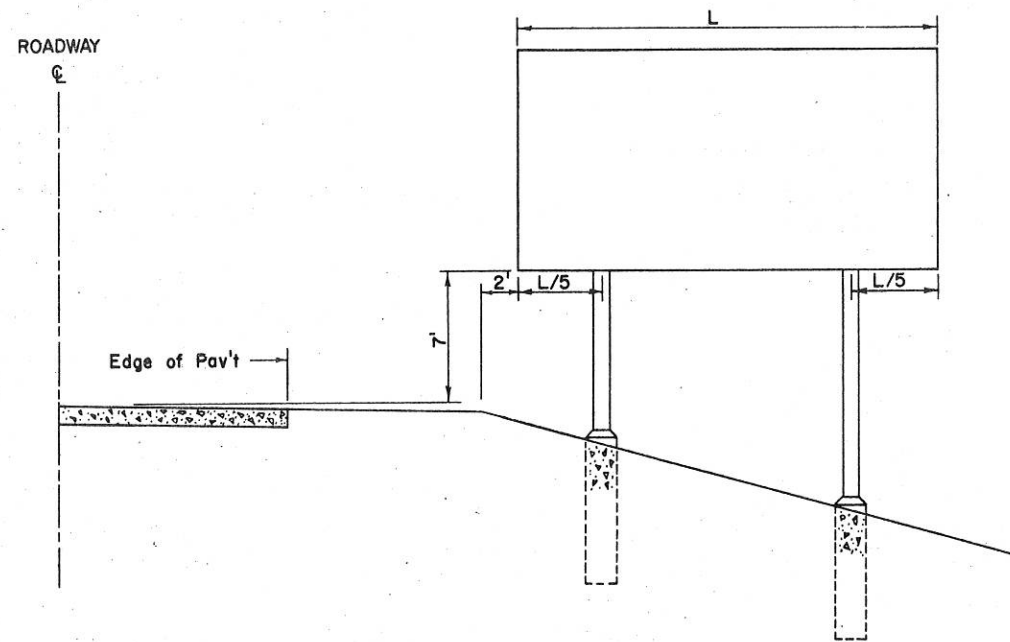
TYPE	POST SIZE	BASE CONNECTION DATA TABLE												FOUNDATION DATA		
		A	B	C	D	E	F	G	J	K	L	M	N	DE. SNAPT	SNAPT LENGTH	
RX	12B22 (R441)	3/4	1 1/2	2 1/4	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2	3-6	3
BX	12WF27 (R441)	9/16	1 3/8	2 1/8	3 1/8	4 1/8	5 1/8	6 1/8	7 1/8	8 1/8	9 1/8	10 1/8	11 1/8	12 1/8	3-6	3
CX	12WF36 (R441)	11/16	1 5/8	2 3/8	3 3/8	4 3/8	5 3/8	6 3/8	7 3/8	8 3/8	9 3/8	10 3/8	11 3/8	12 3/8	3-6	3
DX	12WF50 (R441)	13/16	1 7/8	2 5/8	3 5/8	4 5/8	5 5/8	6 5/8	7 5/8	8 5/8	9 5/8	10 5/8	11 5/8	12 5/8	3-6	3



BOLTING PROCEDURE - BASE CONNECTION
 1. ASSEMBLE SIGN POST TO STUB POST WITH BOLTS AND ONE OF THE FLAT WASHERS ON EACH BOLT BETWEEN PLATES.
 2. SIGN IS REQUIRED TO FLUSH POST.
 3. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH 12" OF BOLT TENSION, THEN TORQUE EACH BOLT IN TURN AND BOLT TENSION TO 200 LBS. PER BOLT IN TURN AND TORQUE (SEE TABLE) IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE.
 4. FLUSH THE BOLTS AT JUNCTION WITH NUT USING A GREETER PLIERS TO PREVENT NUT LOOSENING.
 NOTE: TIGHTEN THE HIGH STRENGTH BOLTS IN THE BASE CONNECTION ONLY TO THE TORQUE SHOWN, DO NOT OVERTIGHTEN.
SHAFT PLACEMENT
 CONCRETE SHAFT LENGTH (SEE TABLE)
 OVERSIGHT

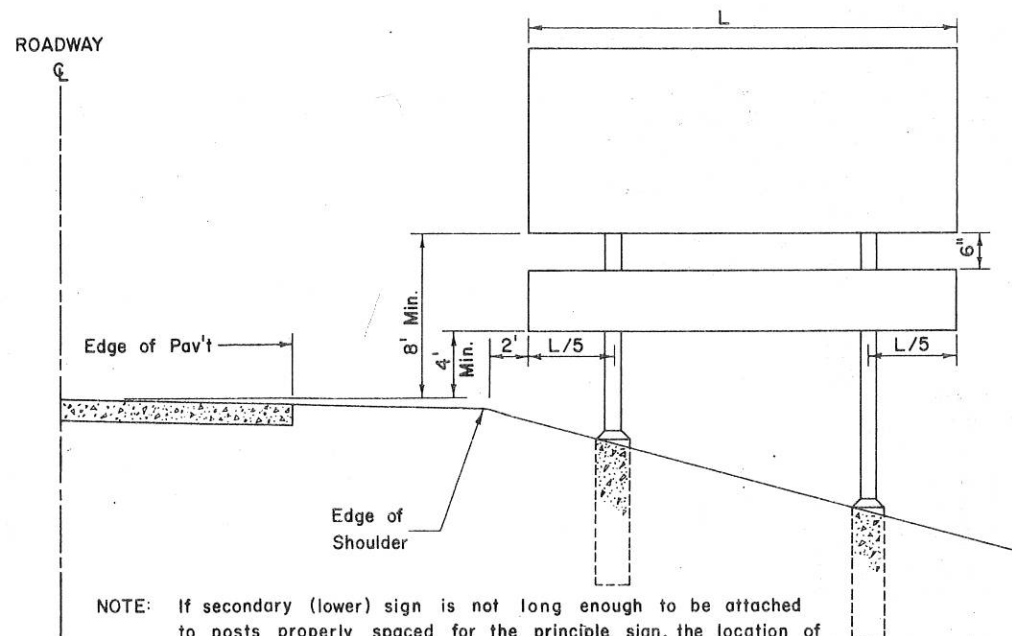
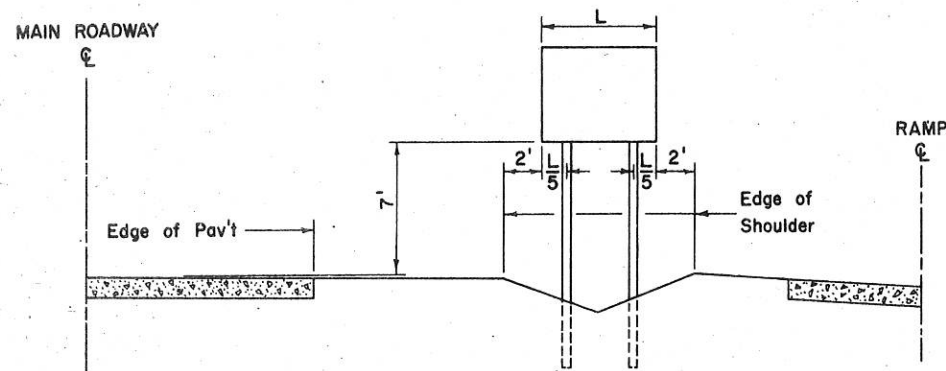


GENERAL NOTES
 ALL POSTS AND POST STUBS SHALL BE R36.
 CLASS C OR R5TM R164 TYPE G5.
 ALL BOLTS SHALL BE R5TM R325.
 THE BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED R5TM R153.
 DESIGN CONFORMS WITH R.S.H.D. SPECIFICATIONS, 1961.
 DRAWINGS SHALL NOT BE SCALED.
 THE BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED R5TM R153 AFTER FABRICATION.
 POST, FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED.
 THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST, FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.
 DESIGN CONFORMS WITH R.S.H.D. SPECIFICATIONS, 1961.
 DRAWINGS SHALL NOT BE SCALED.
 THE BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED R5TM R153 CLASS C OR R5TM R164 TYPE G5.
 ALL BOLTS SHALL BE R5TM R325.
 ALL POSTS AND POST STUBS SHALL BE R36.



IN MEDIAN

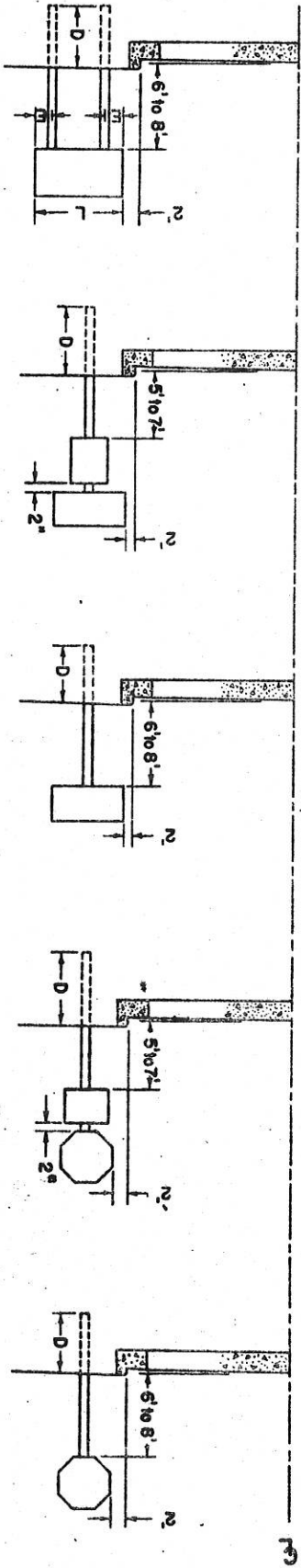
ON OUTSIDE SHOULDER



NOTE: If secondary (lower) sign is not long enough to be attached to posts properly spaced for the principle sign, the location of the posts shall be adjusted to accommodate the secondary sign but they shall not be farther than $L/3$ from the edge of the principle sign and, if adjusted, shall not be closer together than the length of the secondary sign less the flange width.

TYPICAL INSTALLATION OF
TYPE I & TYPE III SIGNS

the height of the sign above the top post shall be 0" to 2". Any post in length shall be 4" X 6" in size. minimum depth in feet that the post shall be placed in the ground. "X 6" posts are required the signs mounted on the 4" face. three wood posts are required one will be placed at the center of the one of L/3 from each side. and 3L/8 from each end.

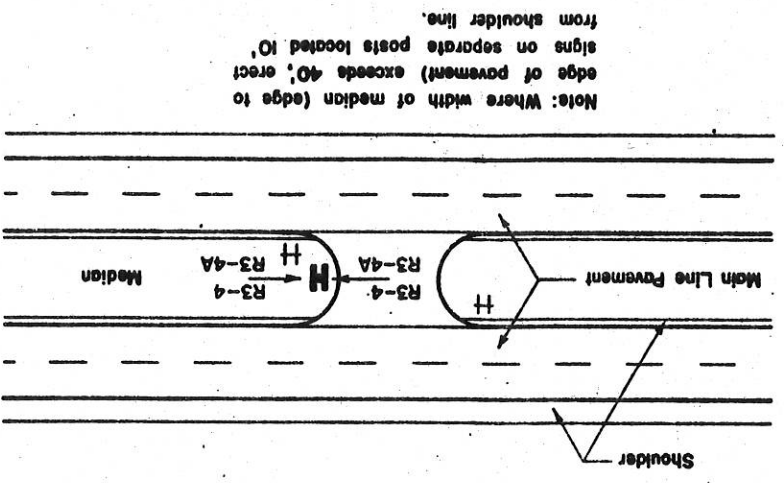


L	Under 8'	16"	E
L	Under 9'	18"	E
L	8' to 9.5' incl.	20"	E
L	10' to 12' incl.	24"	E
L/3	Over 12'		E

D	Under 6	3'	Total Sign Area Sq. Ft.
D	6 to 29 incl.	3.5'	Total Sign Area Sq. Ft.
D	30 to 60 incl.	4'	Total Sign Area Sq. Ft.
D	Over 60	5'	Total Sign Area Sq. Ft.

RAMP OR FRONTAGE ROAD

TYPICAL INSTALLATION OF SIGNS ON MEDIAN CROSSOVERS

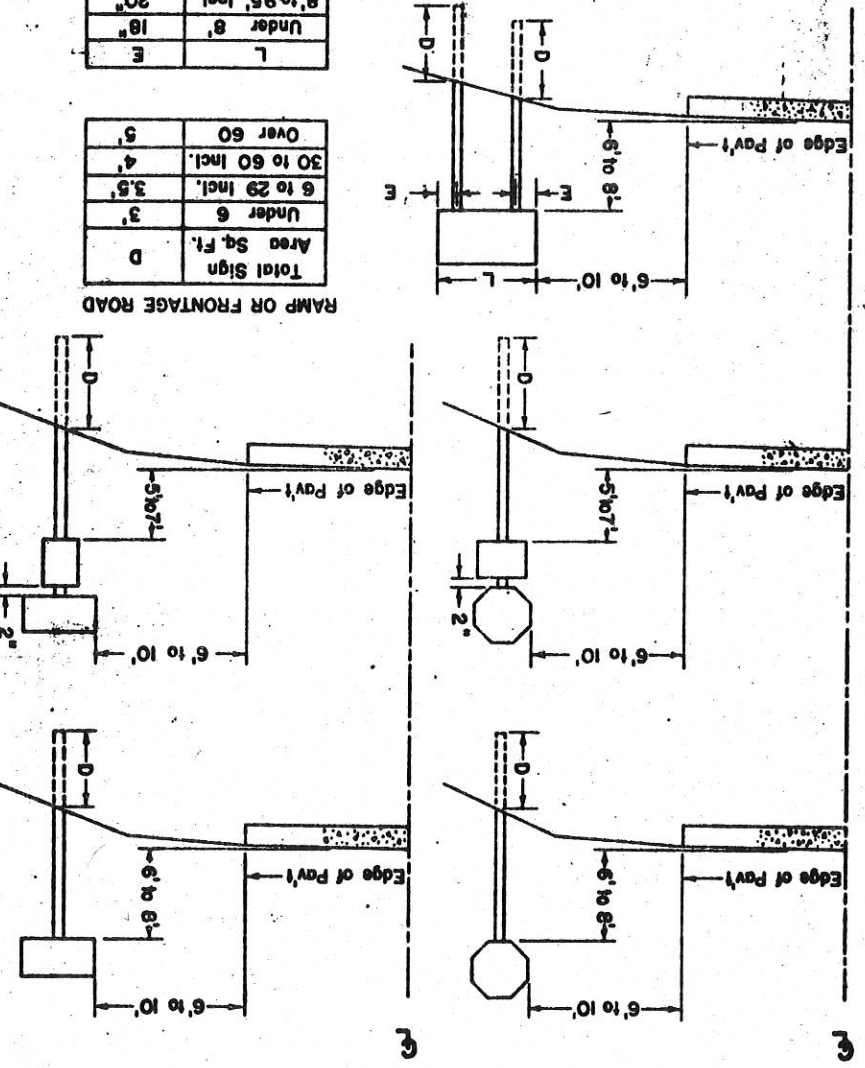


Note: Where width of median (edge to edge of pavement) exceeds 40', erect signs on separate posts located 10' from shoulder line.

L	Under 8'	18"	E
L	8' to 9.5' incl.	20"	E
L	10' to 12' incl.	24"	E
L/3	Over 12'		E

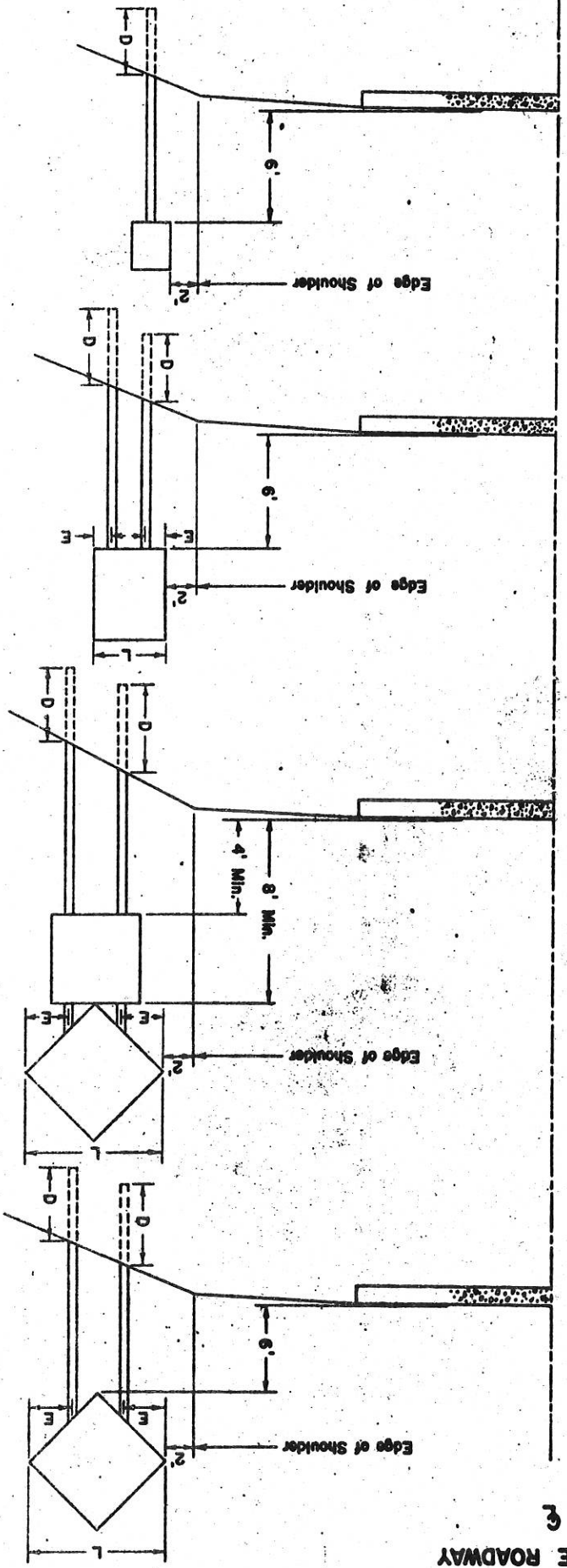
D	Under 6	3'	Total Sign Area Sq. Ft.
D	6 to 29 incl.	3.5'	Total Sign Area Sq. Ft.
D	30 to 60 incl.	4'	Total Sign Area Sq. Ft.
D	Over 60	5'	Total Sign Area Sq. Ft.

RAMP OR FRONTAGE ROAD



CROSSROADS, RAMPS & FRONTAGE ROADS

TYPICAL INSTALLATION OF TYPE II SIGNS

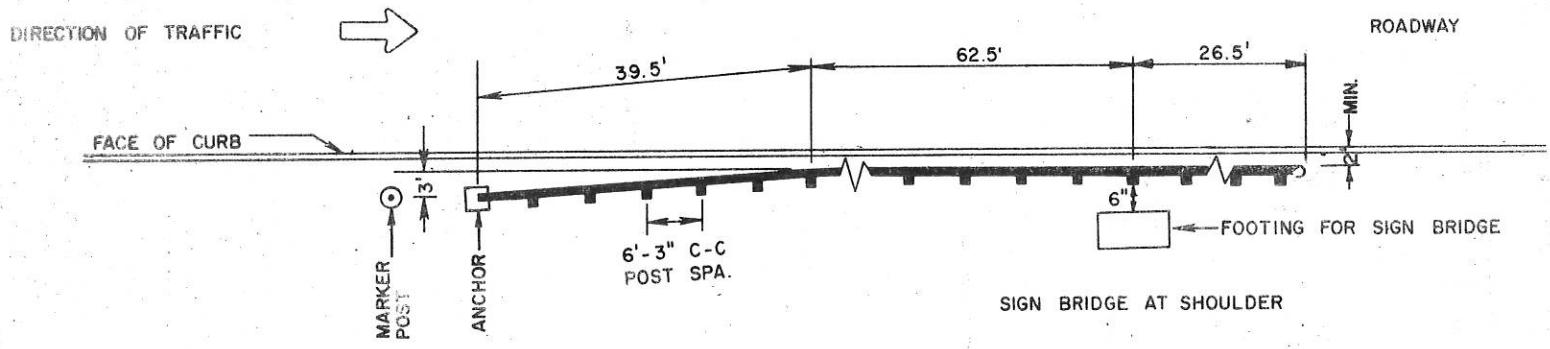
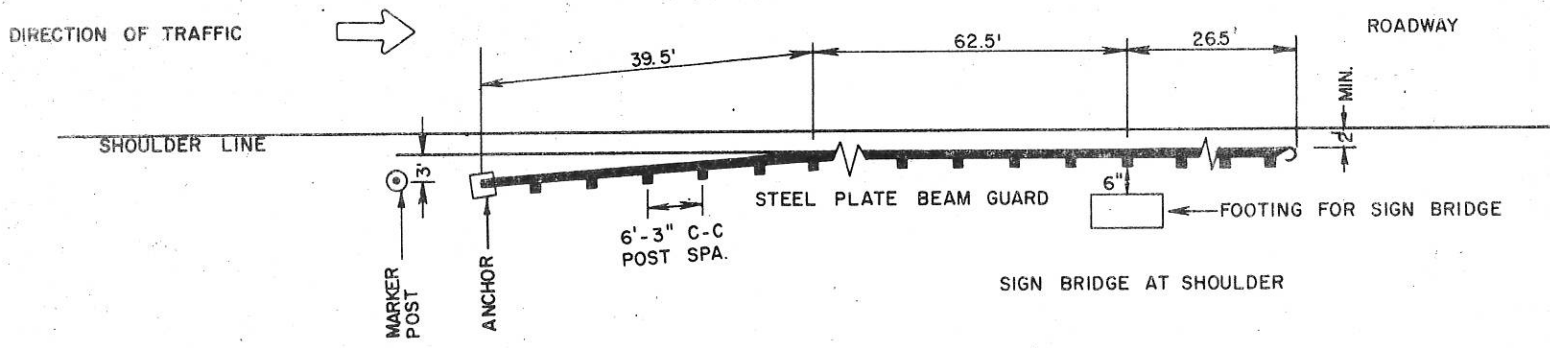


L	48"	10"	E
L	49" to 60"	17"	E
L	61" to 72"	20"	E
L/3	73" & Over		E

D	Under 20	3.5'	Total Sign Area Sq. Ft.
D	20 to 50 incl.	4'	Total Sign Area Sq. Ft.
D	Over 50	5'	Total Sign Area Sq. Ft.

MAIN LINE

PROJECT	190-125)C
SHEET NUMBER	22
TOTAL SHEETS	66



NOTES.

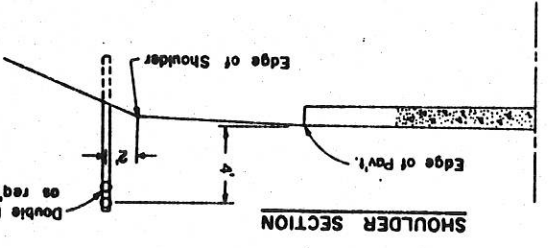
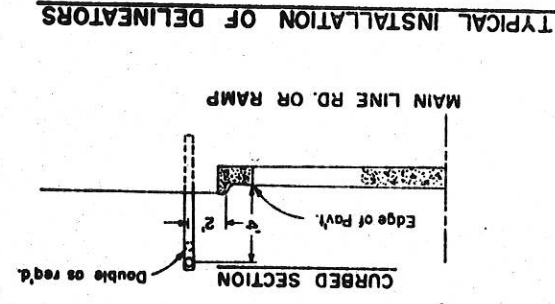
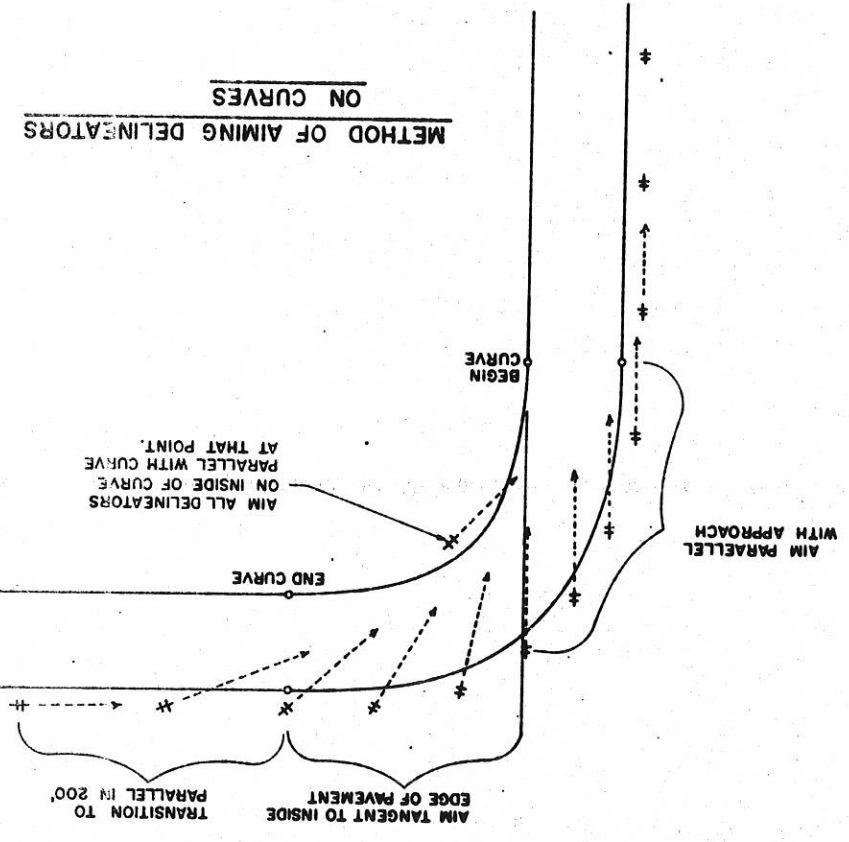
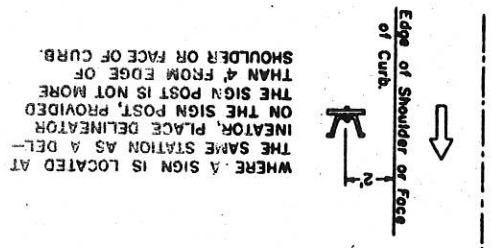
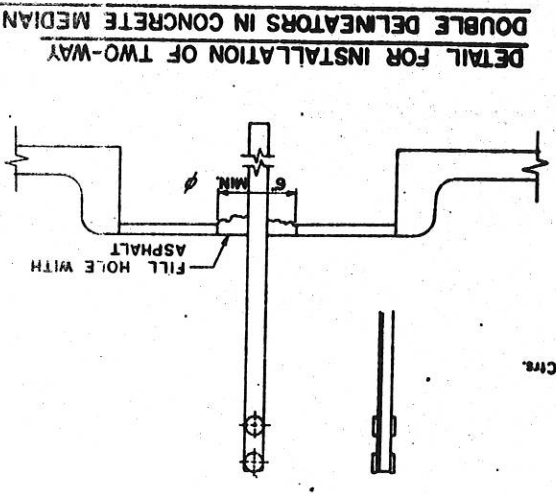
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS, AND THE STANDARD DETAIL DRAWING FOR STEEL PLATE BEAM GUARD AND STEEL PLATE BEAM (MEDIAN) GUARD.

STEEL PLATE BEAM GUARD SHALL BE INSTALLED AT ALL SIGN BRIDGES ON THE OUTSIDE SHOULDER AND IN THE MEDIAN.

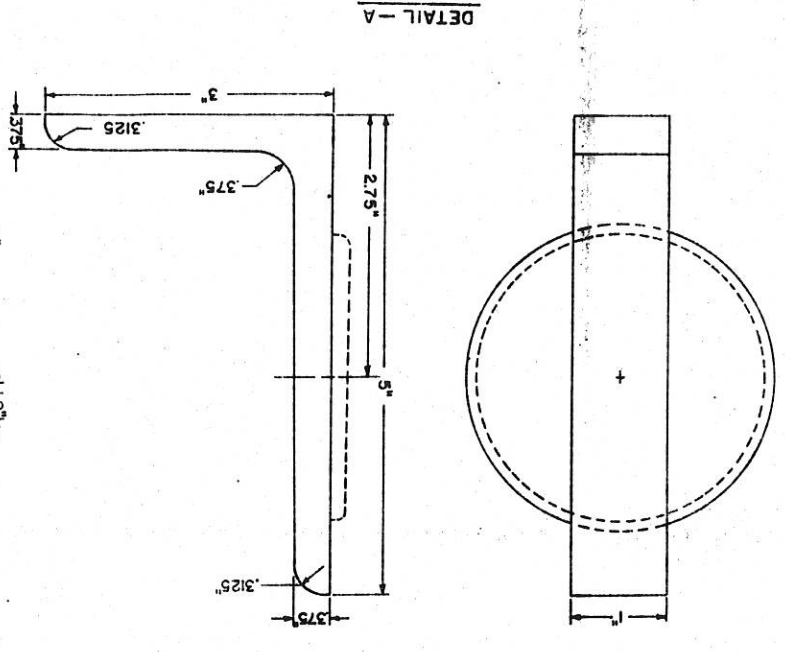
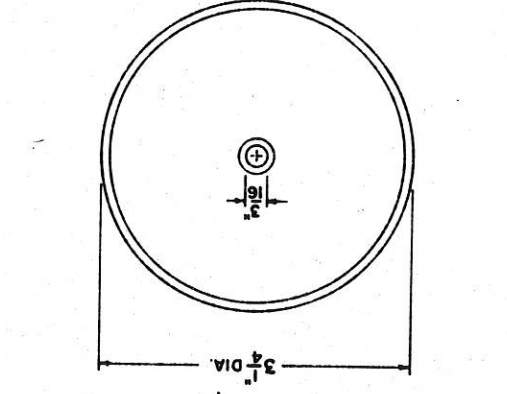
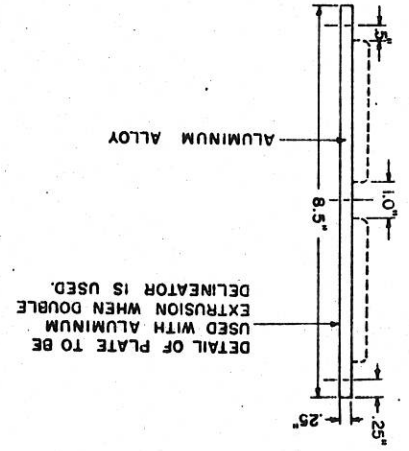
MAINTAIN STANDARD HEIGHT OF 26" FROM SHOULDER LINE OR TOP OF CURB TO TOP OF BEAM BY LENGTHENING POSTS AS REQUIRED. MINIMUM EMBEDMENT OF POSTS 40".

TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARDRAIL AT SIGNS AND SIGN BRIDGES

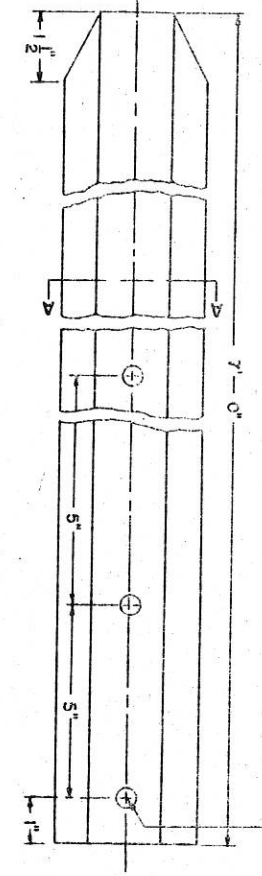
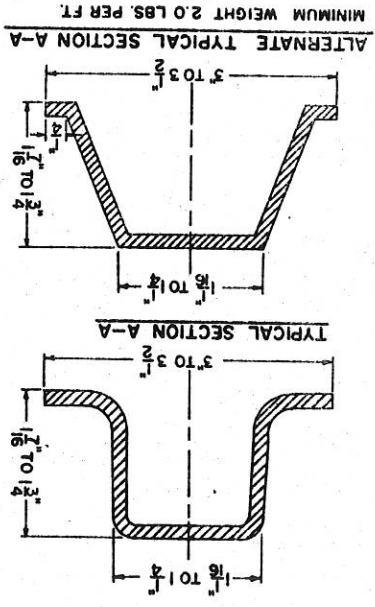
PROJECT	I 90-1(25)0
SHEET NUMBER	29 66
TOTAL SHEETS	66



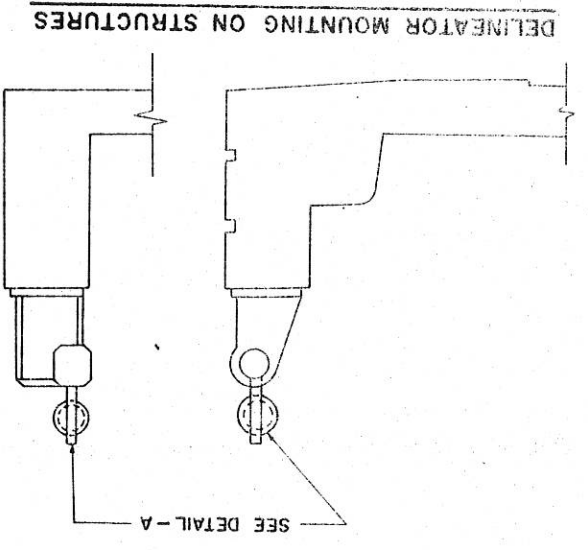
TYPICAL INSTALLATION OF DELINEATORS



STANDARD CENTER MOUNT DELINEATOR

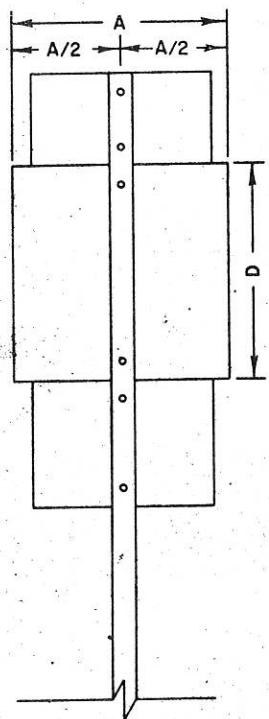


STEEL MARKER POST FOR DELINEATORS

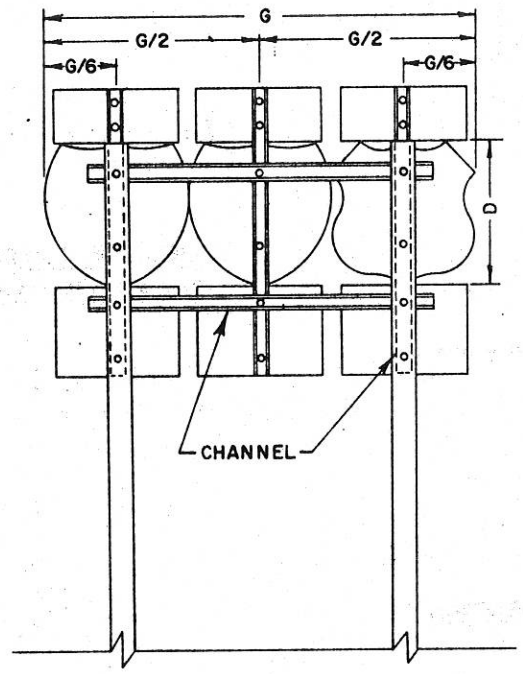


DELINEATOR MOUNTING ON STRUCTURES

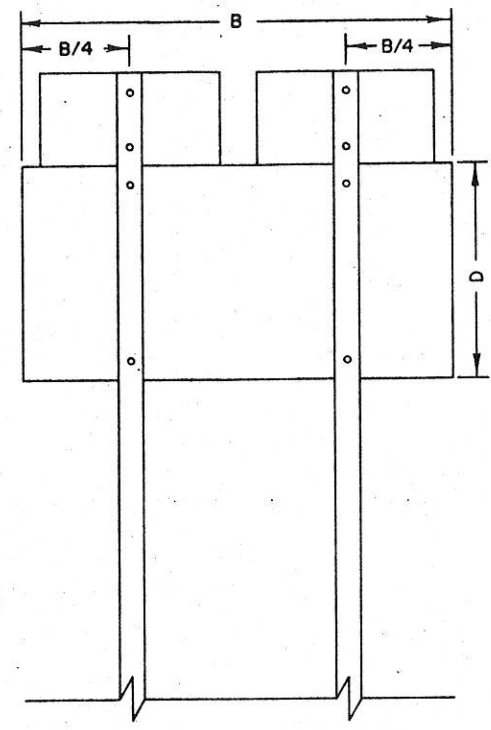
SOLE SIZE: 3/8" MIN.
OVER 1" USE
WASHER ON BACK
OF POST.



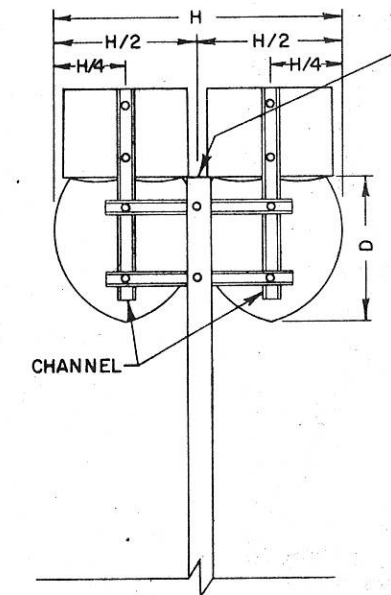
CODE 1 PANEL
WHEN PANEL HEIGHT D=18,24,36 INCHES



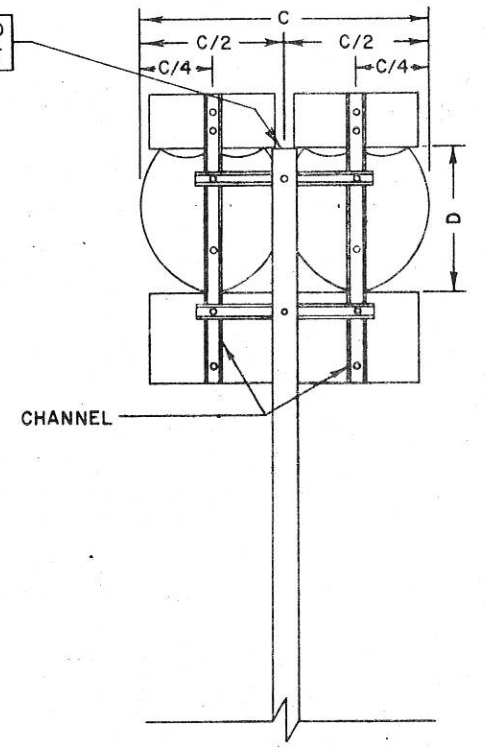
CODE 3 PANEL
WHEN SHEILD HEIGHT D= 24,36 INCHES
USING ONE OR MORE CUTOUT MARKERS



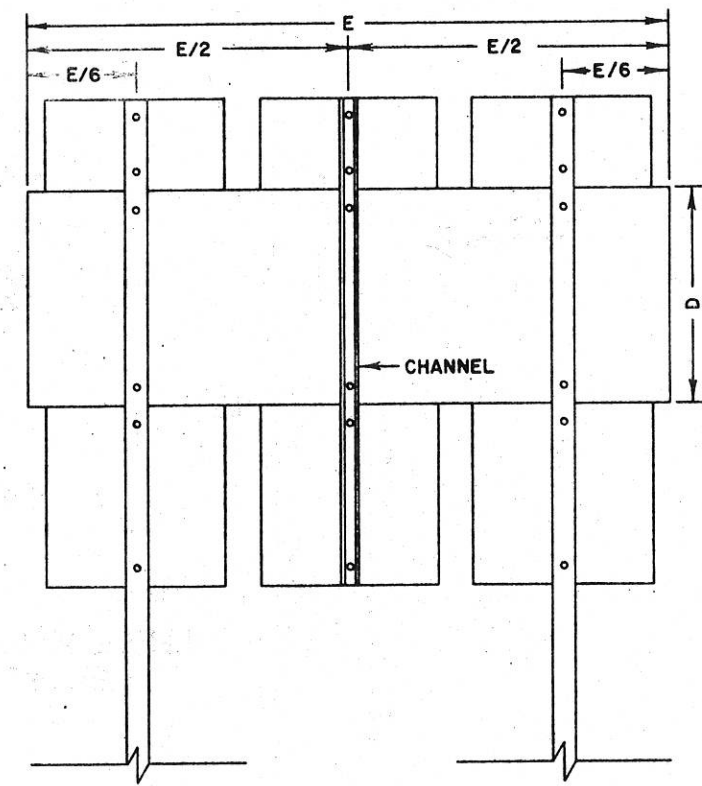
CODE 2 PANEL
WHEN PANEL HEIGHT D=36 INCHES



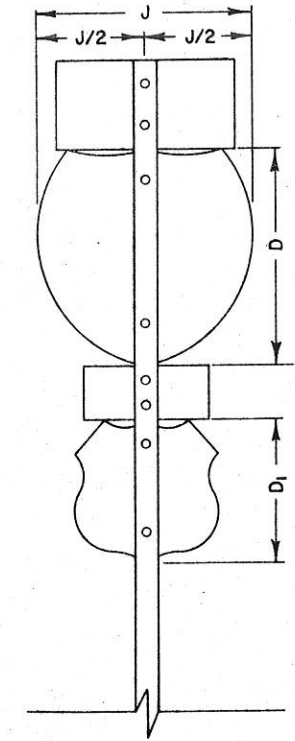
CODE 2 PANEL
WHEN SHEILD HEIGHT D=24,36 INCHES



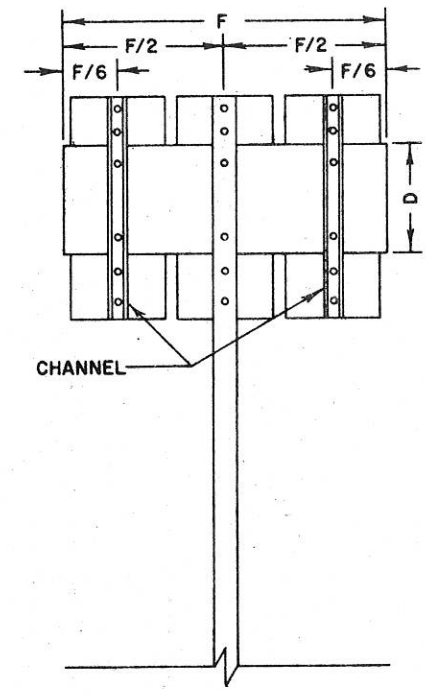
CODE 2 PANEL
WHEN PANEL HEIGHT D= 18,24 INCHES



CODE 3 PANEL
WHEN PANEL HEIGHT D= 24,36 INCHES
ALL MARKERS ON PANEL



CODE 2 PANEL
WHEN SHEILD HEIGHT D= 36 INCHES
D₁= 24 INCHES



CODE 3 PANEL
WHEN PANEL HEIGHT D=18 INCHES

NOTE
ALL SIGNS WHICH ARE MOUNTED ON VERTICAL CHANNELS ARE MOUNTED ON HORIZONTAL CHANNELS ATTACHED TO THE POSTS.

THE CHANNEL SUPPORTING THE COMPONENT PARTS OF THE J1, J2, J3, J4 TYPE ASSEMBLIES SHALL BE IDENTICAL IN CROSS SECTION, WEIGHT, AND MATERIAL WITH THE DELINEATOR POST. ALL OF THE SIGNS ARE ILLUSTRATED IN BACK VIEW.

TYPICAL PANEL INSTALLATIONS FOR
TYPE J1, J2, J3, AND J4 ASSEMBLIES

I-90 (25) 3B-66
 R1-11/17/66

LIST OF SIGNS AND POSTS REQUIRED

Steel Post Type I II III
 SIGN AREA
 4X6 4X6 4X6 4X6 4X6 4X6 4X6 4X6 4X6 4X6
 14' 16' 18' 20' 22'
 Conc. Steel Lbs. Lin.Ft. Anchors Posts
 Beam Guard

Sign No.	Code No.	Type	Size	Post Type	Quantity	Material	Notes
36	J3-1(2)	II	24" M.H.	I	1	6.74	
37	J3-1(2)	II	24" M.H.	I	1	6.74	
38	W4-2K(2)	II	2'-6" x 2'-6"	I	1	6.25	
39	J4-1(2)	II	24" M.H.	I	1	5.31	
40	W6-2(2)	II	3'-0" x 3'-0"	I	1	9	
41	R2-1(2)	II	2'-0" x 2'-6"	I	1	5	
42	D1-3(3)	II	10'6" x 4'0"	I	1	42	
43	W4-8(2)	II	2'-0" x 2'-6"	I	1	5	
44	J2-3(2)	II	24" M.H.	I	2	23.32	
45	W6-1(2)	II	3'-0" x 3'-0"	I	1	9	
46	R4-52	II	2'-0" x 2'-0"	I	4	4	Same post as sign #45
47	W13-52	II	4'-0" x 5'-0"	I	2	20	
48	R1-1(5)	III	6'-0" x 5'-0"	I	2	16	
49	W3-1(5)	II	4'-0" x 4'-0"	I	2	16	
50	D1-2(4)	II	13'-6" x 4'-0"	I	2	54	
51	R5-1(4)	II	4'-0" x 4'-0"	I	16	16	Same post as sign #50
52	J3-2(2)	II	24" M.H.	I	15	15	
53	R1-1(3)	II	3'-0" x 3'-0"	I	1	7.47	
54	R5-1(2)	II	2'-0" x 2'-0"	I	1	4	Same post as sign #53
55	R1-1(3)	II	3'-0" x 3'-0"	I	1	7.47	
56	R1-1(3)	II	3'-0" x 3'-0"	I	1	7.47	
57	J4-1(2)	II	24" M.H.	I	1	5.31	
58	D1-3(3)	II	8'-0" x 4'-0"	I	1	32	
59	R2-1(2)	II	2'-0" x 2'-6"	I	1	5	
60	R4-8(4)	II	3'-0" x 4'-0"	I	1	12	
61	J2-3(2)	II	24" M.H.	I	2	23.62	
62	R6-2R(2)	II	1-6" x 2'-0"	I	1	3	
63	R4-8(2)	II	2'-0" x 2'-6"	I	1	5	
64	J3-1(2)	II	24" M.H.	I	1	6.74	
65	J3-1(2)	II	24" M.H.	I	1	6.74	
66	J3-1(4)	II	24" M.H.	I	1	6.74	
67	J2-1(2)	II	24" M.H.	I	1	7.62	
68	D1-1(3)	II	7'-6" x 1'-6"	I	2	11.25	
69	W4-1(5)	II	4'-0" x 4'-0"	I	2	16	
70	W3-1(2)	II	2'-6" x 2'-6"	I	1	6.25	

LIST OF SIGNS AND POSTS REQUIRED

Sign No.	Code No.	Type	Size	Steel Post Type	SIGN AREA			WOOD POSTS					Bar Steel Lbs.	Conc. Cy.Yds.	Str. Steel Lbs.	Beam Guard Lin.Ft.	Anchors	Marker Posts
					Type I	Type II	Type III	4X6 14'	4X6 16'	4X6 18'	4X6 20'	6X6 22'						
141	R59-52(2)	II	3'-4" x 1'-6"				5	Same post as sign #142										
142	S51-53(2)	II	6'-0" x 2'-0"				12		2									
143	R2-1(4)	II	3'-0" x 4'-0"				12		1									
144	J4-2(2)	II	24" M.H.				9.77		1									
145	E3-1A(5)	I	19'-0" x 15'-6"	DX	294.5							163	411 3.9	411 3508	118.3			
146	E2-5(5)	I	12'-0" x 9'-0"	AX	108							84	210 1.2	1011 1049	118.5			
147	R8-4S	II	4'-0" x 3'-0"				12		1									
148	W6-52(5)	I	15'-0" x 9'-6"	BX	142.5							107	210 1.5	1033 1478	118.5			
149	W6-52(5)	I	15'-0" x 9'-6"	BX	142.5							107	210 1.5	1033 1478	118.5			
150	E2-51(5)	I	12'-0" x 9'-0"	BX	108							107	210 1.5	1011 1049	118.5			
151	E53-52(5)	II	4'-0" x 5'-0"				20			2								
152	E53-51(5)	II	4'-0" x 5'-0"				20			2								
153	R2-2A(5)	II	4'-0" x 6'-6"				26				2							
154	W4-2H(5)	II	4'-0" x 4'-0"				16				2							
155	W4-2H(5)	II	4'-0" x 4'-0"				16				2							
156	R2-1N	II	9'-0" x 4'-0"				36											
157	W13-1(5)	II	3'-0" x 3'-0"				9											
158	W1-2L(5)	II	4'-0" x 4'-0"				16											
159	W13-1(5)	II	3'-0" x 3'-0"				9											
160	W1-2L(5)	II	4'-0" x 4'-0"				16											
161	E3-1B(5)	II	15'-0" x 10'-0"	BX	150							107	210 1.5	1006 1505	118.5			
162	J4-1(5)	II	36" M.H.				10.41				1							
163	E2-51(5)	II	9'-0" x 9'-0"	AX	81							84	210 1.2	1030 1032	118.5			
164	W1-6L(5)	II	8'-0" x 4'-0"				32											
165	W1-6L(5)	II	7'-0" x 3'-0"				21											
166	J2-3(2)	II	24" M.H.				23.62				1							
167	D1-3(2)	II	5'-6" x 3'-0"				16.5				2							
168	R3-2(2)	II	2'-0" x 2'-6"				5											
169	J3-1(2)	II	24" M.H.				6.74				1							
170	R5-1(2)	II	2'-0" x 2'-0"				4											
171	R1-1(3)	II	3'-0" x 3'-0"				7.47											
172	R1-1(2)	II	3'-0" x 3'-0"				7.47											
173	R5-57(2)	II	3'-0" x 4'-0"				12											
174	W4-1(5)	II	4'-0" x 4'-0"				16											
175	D1-1(2)	II	5'-6" x 1'-0"				5.5				2							

F

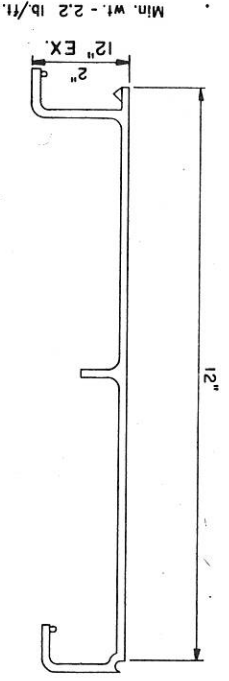
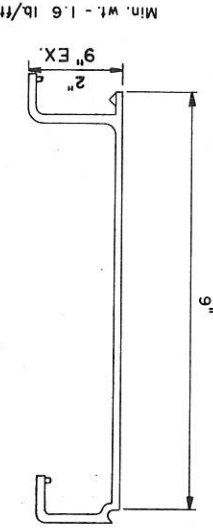
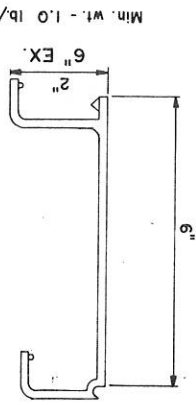
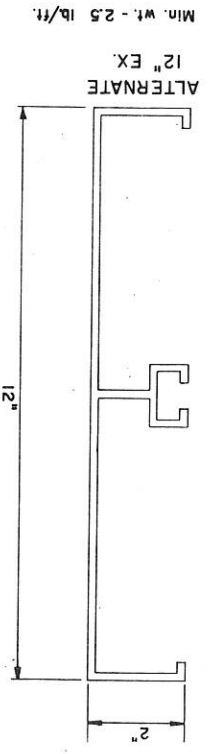
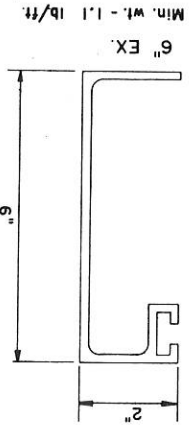
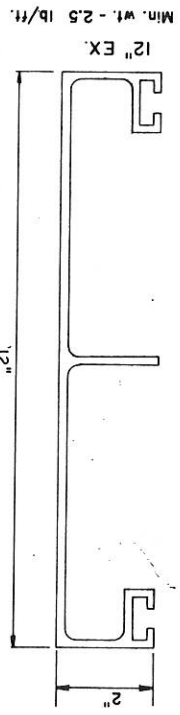
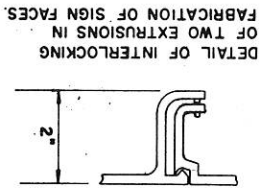
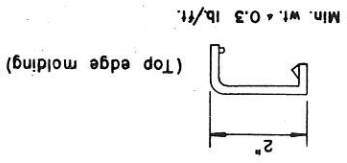
PAVEMENT MARKINGS REQUIRED

Project I 90-1(25)0

<u>Type of Marking</u>	<u>Location</u>	<u>Quantities</u>	
		<u>Std. Lane Line Sta.</u>	<u>8-inch White Line Sta.</u>
Lane Lines	EB & WB lanes Sta. 45+70 to Sta. 342+73	594	20
EL under structures	Vic Sta. 108		
2 Accel, 2 decel lanes	CTH "B" Int.	4	20
6 Accel, 2 decel lanes	USH 53 Int.	12	60
Ramp split	NE ramp, USH 53 Int		4
2 Accel, 2 decel lanes	STH 157 Int.	4	20
EL under structures	Vic Sta. 274		
EL, EB lanes	Sta. 335EB to Sta. 270 (USH 16)		10
	Subtotal, Urban, La Crosse	74	64
	Subtotal, Rural	540	50
	Total	614	114
			256
			246
			502

PROJECT	SHT NO.	TOTAL SHTS
I-90-1 (25)0	36	66

PROJECT	NUMBER	TOTAL SHEETS
I 90-(125)0	4	66



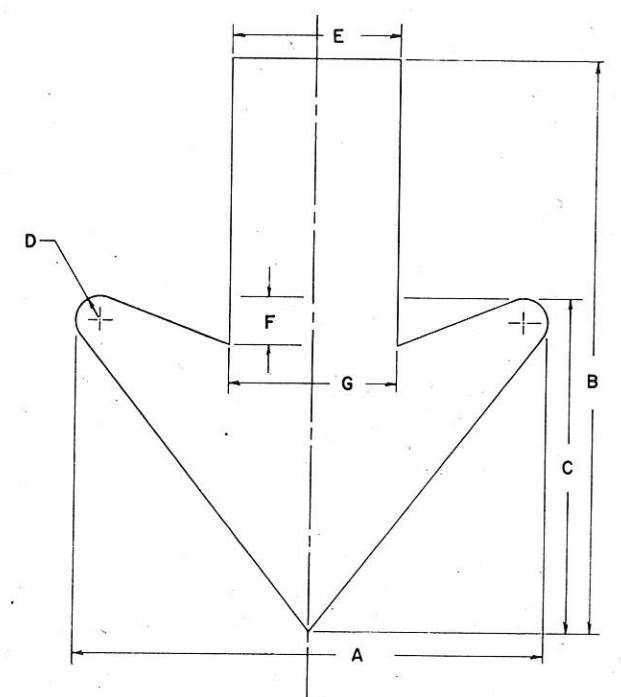
STYLE 2

OF BOLT USED
SYSTEM EXTRUSIONS
FABRICATION OF SIGN
MAX. BOLT SPACING
C. MIN. 4 BOLTS
ECTING ANY TWO
SIONS.

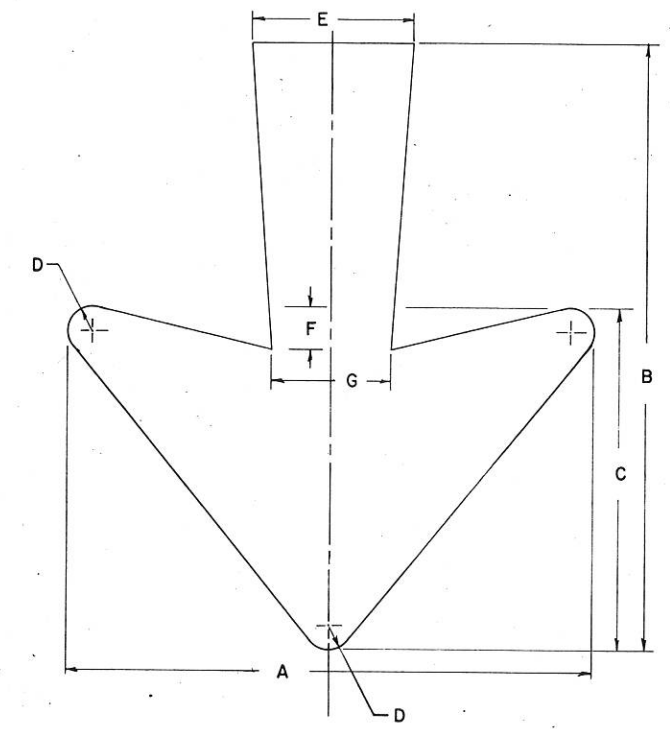
1. The drawings are intended to illustrate acceptable extrusions for base material for type I signs. Any shape reasonably conforming to Style 1 or Style 2 will be acceptable.
2. The contractor may select any brand of extrusion in either Style 1 or Style 2 but all extrusions used on this contract shall be of the same style and brand.

STANDARD STYLES OF ALUMINUM EXTRUSIONS FOR TYPE I SIGN BASE MATERIAL

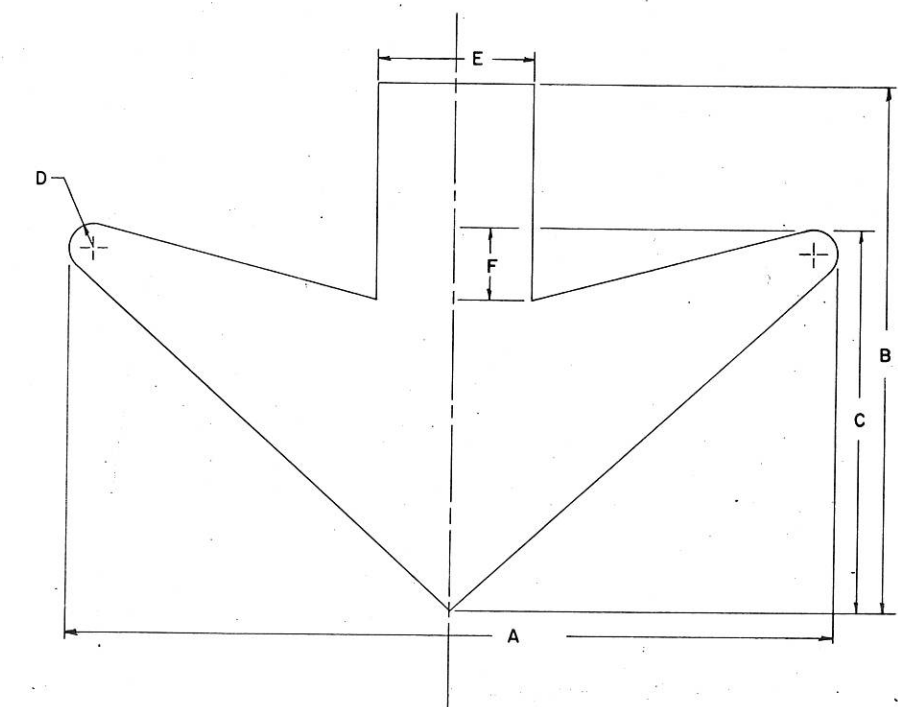
- NOTES:
- 1. Sign is Type
 - 2. Color
 - Background — NOT APPLICABLE
 - Message —
 - 3. Face Material
 - 4. Arrows to be of same material as other message units on each sign.
 - 5. Taper should be held constant for longer or shorter shaft lengths on interstate Type "A" & "B" arrows.



USE THIS ARROW ON D1 SIGNS
[D-7]



USE TYPE "A" ARROW ON EI-1, EI-2, E5-54
[G-3] [G-7] [G-23]
USE TYPE "B" ARROW ON E2-51, E5-52
[G-2] [G-22]



USE TYPE "C" ARROW ON EI-3, EI-4
[G-6] [G-8]

ARROW TYPE	D1 [D-7]			INTERSTATE TYPE "A"			INTERSTATE TYPE "B"			INTERSTATE TYPE "C"
	4" L.C.	6" L.C.	8" L.C.	8" CAPS	13.33 U.C. 10, 12" CAPS	16" U.C.	8, 10" CAPS	13.33 U.C. 12" CAPS	16" U.C.	
A	8"	8"	10 7/8"	15 1/8"	18 1/4"	22 1/4"	14 1/4"	17 1/2"	21 7/8"	32"
B	8 1/2"	10"	12"	24 1/4"	29 1/4"	35 5/8"	17 1/4"	20 1/4"	25"	22"
C	5 5/8"	5 3/8"	7 1/2"	11 9/16"	14"	17"	9 3/16"	11 3/4"	14 1/4"	16"
D	3 3/8"	3"	1 1/2"	1 3/16"	3/4"	1"	3/4"	7/8"	1"	1"
E	2 5/8"	2 5/8"	3 1/2"	5"	6"	7 3/8"	4 1/2"	5 5/8"	6 3/4"	6 1/2"
F	1 3/16"	1 3/16"	1"	1 5/16"	1 1/2"	1 3/4"	1 5/16"	1 1/2"	1 3/4"	3"
G	2 7/16"	2 5/8"	3 1/2"	3 3/4"	4 1/2"	5 3/8"	3 3/8"	4 3/8"	5"	

STANDARD ARROWS FOR D1
& INTERSTATE GUIDE SIGNS

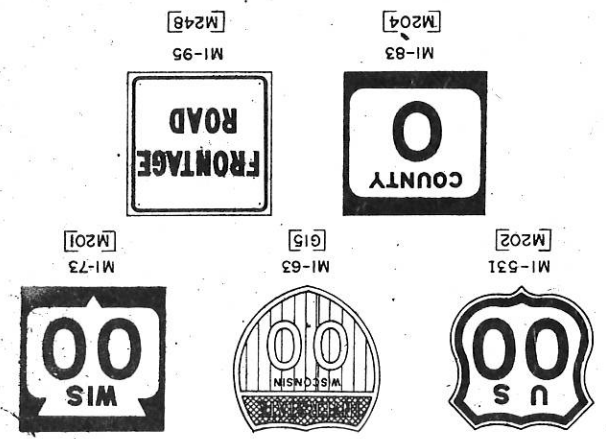
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Bostig*

DATE 7-27-62 PLATE NO. AI-1.2

PROJECT	NUMBER	SHEETS	TOTAL
I 90-(25)0	6	66	

COMPONENTS OF ALL ASSEMBLIES



GENERAL NOTES

Cardinal Direction Signs having other than a black message and a reflectorized white background, shall be identified by a suffix letter to the code as follows:
 B - Reflectorized Blue background with reflective white message
 Y - Reflectorized Yellow background with a black message.
 G - Reflectorized Green letters on a reflective white background
 All components of any individual assembly shall be the same size as identified on the individual plates for each component. Minimum size auxiliary signs shall be used with minimum size route markers, standard size auxiliary signs with standard size route markers, etc.

Route Marker Code Size follows the sign code in parentheses, with each sketch. For detail of required route markers in its made to Standard Plates. The No. of Route Markers in each Assembly is indicated by the no. following the hyphen in the "U" code, not to exceed 4.

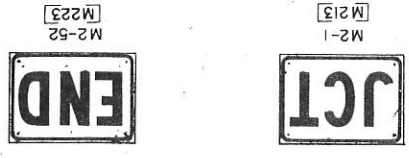
Two or more U.S. Highway, State Trunk Highway, County Trunk Highway or Local road route markers may be placed on a single panel in horizontal array. Such a panel is coded "M50-X" in which "X" indicates the number of route markers on the panel.

Use of the "B" Interstate Route Marker is restricted to Interstate Trail-Blazer assemblies and shall employ black and white components, except cardinal directions. Cardinal directions shall have reflective blue background and reflective white message.

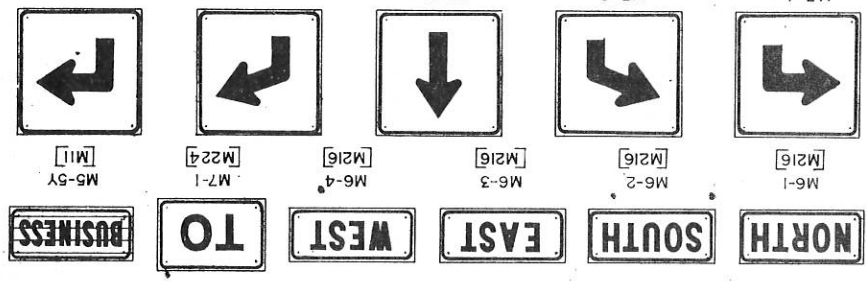
ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

STATE HIGHWAY COMMISSION OF WISCONSIN
 APPROVED: *E.L. Carstgen*
 DATE 10-14-63 PLATE NO. A2-1-2

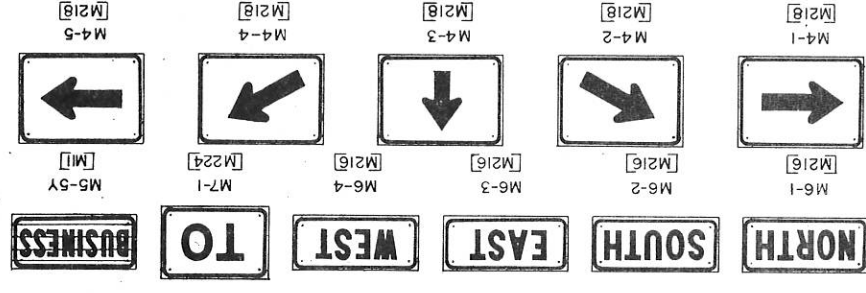
COMPONENTS OF J1 - ASSEMBLIES



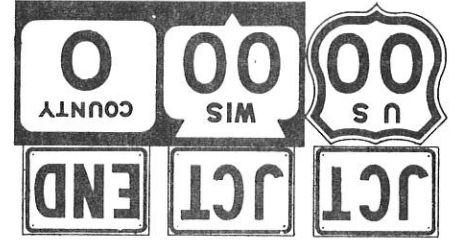
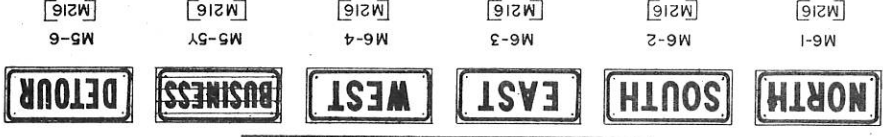
COMPONENTS OF J2, J12, J22, J32, J32 - ASSEMBLIES



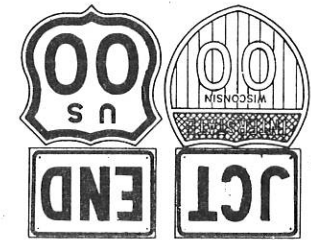
COMPONENTS OF J3, J13, J23, J33 - ASSEMBLIES



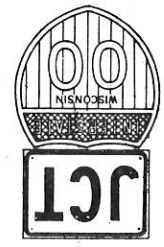
COMPONENTS OF J4 - ASSEMBLIES



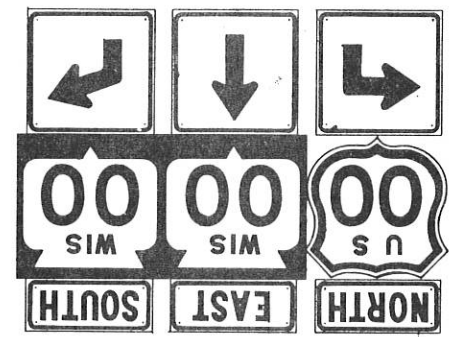
J1-1



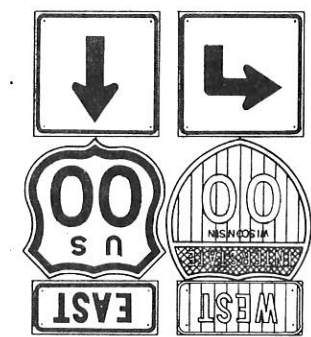
J1-2



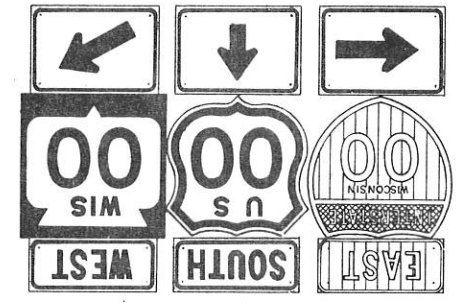
J1-3



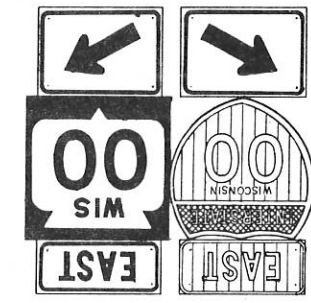
J2-2



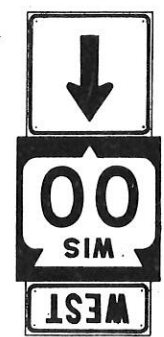
J2-3



J3-2



J3-3



J4-1



J4-2



J4-3



J4-4



J12-1



J12-2



J13-1



J13-2



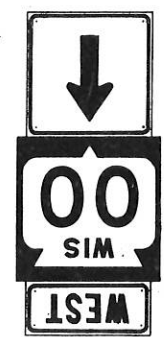
J14-1



J14-2

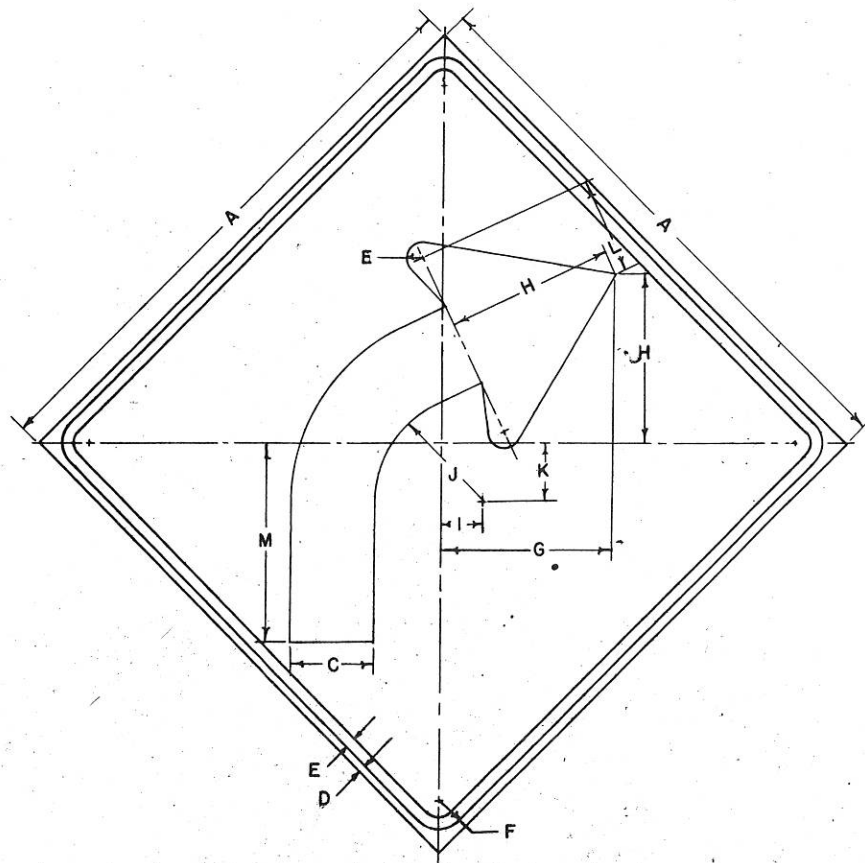


J14-3



J14-4

FOR CODE
 BLACK
 WHITE
 REFLECTORIZED
 BLUE
 REFLECTORIZED
 RED
 REFLECTORIZED
 YELLOW



W1-2R
[W2R]

- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. Arrow Reversed for W1-2L
 5. This drawing may be scaled for Minimum size only.

SIZE	CODE 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
Minimum	1	24		3 1/2	3/8	1 1/2	1 1/8	7 1/2	7	13 1/4	4 1/2	2 1/32	4	8 1/4													
Standard	2	30		4 3/8	1/2	5/8	1 3/8	9 1/16	8 3/4	2 3/16	5 5/8	2 15/16	5	10 5/16													
Oversize	3	36		5 1/4	5/8	3/4	1 5/8	10 7/8	10 1/2	2 5/8	6 3/4	3 17/32	6	12 5/8													
Exp-way	4	36		5 1/4	5/8	3/4	1 5/8	10 7/8	10 1/2	2 5/8	6 3/4	3 17/32	6	12 3/8													
Interstate	5	48		7	3/4	1	2 1/4	14 1/2	14	3 1/2	9	4 1/2	8	18 1/2													

STANDARD SIGNS
WI-2

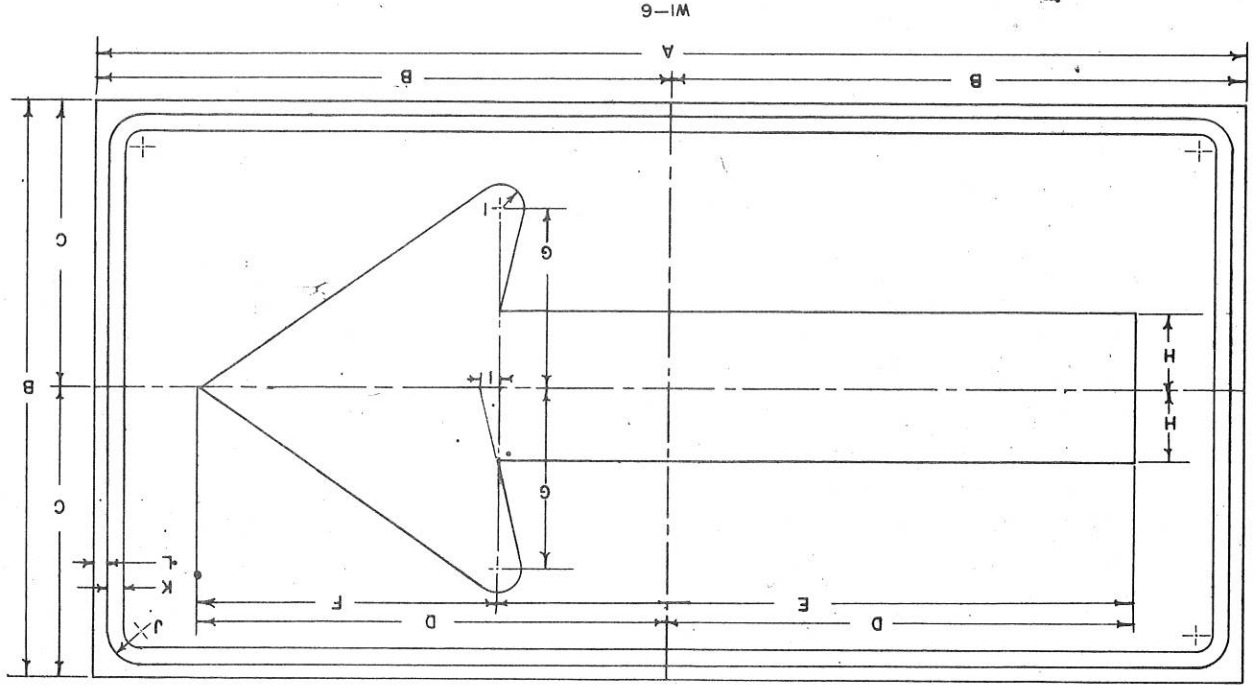
OLD CODE W2R

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. J. Koetting*

DATE 5-1-64 PLATE NO. WI-2.2

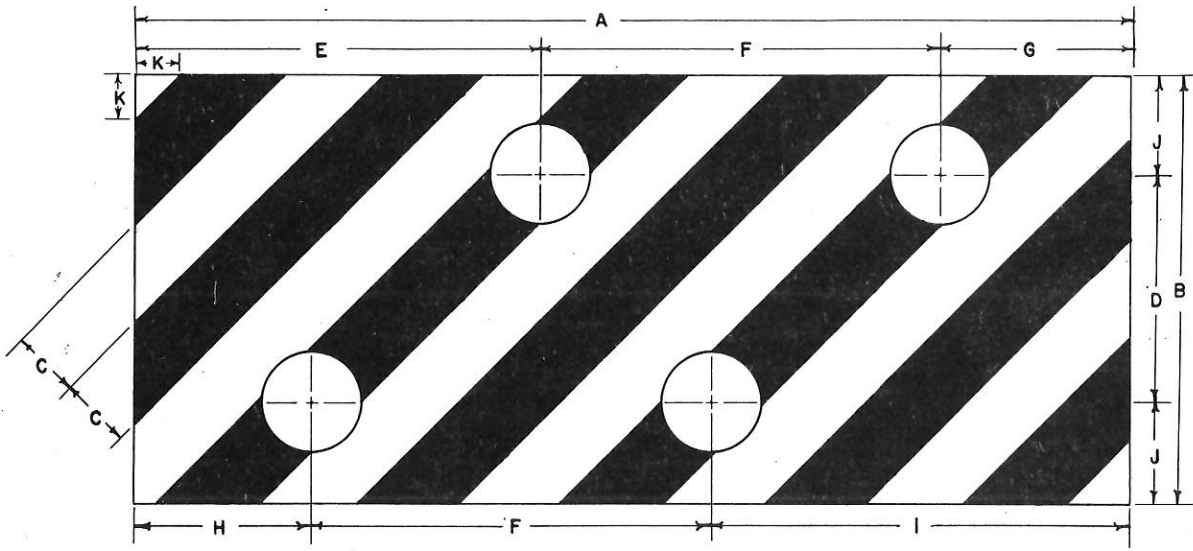
NOTES:
 1. Sign is Type II
 2. Color:
 Background — Reflectized Yellow
 Message — Black
 3. Face Material — Reflective Sheeting
 4. This drawing may be scaled for standard size only.



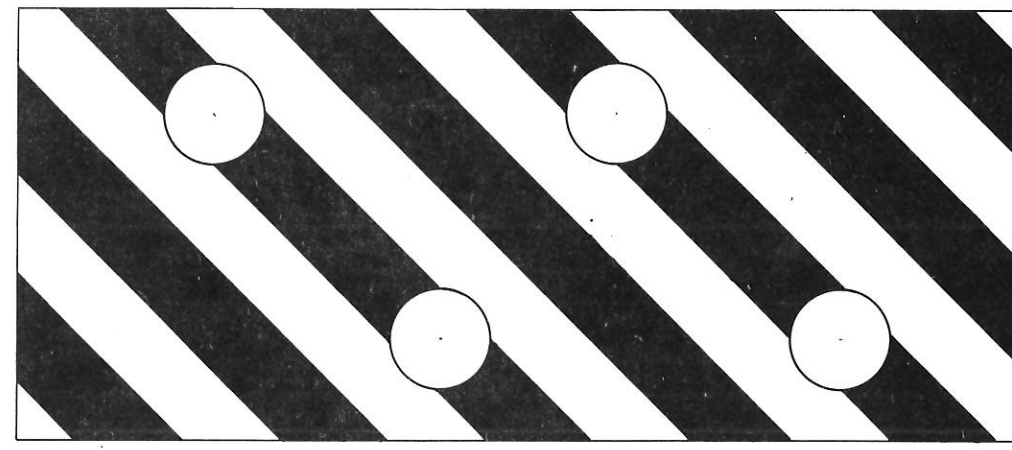
SIZE	CODE	Minimum	Standard	Overize	Exp-way	Intrstate
A	16 1/4	19 1/2	24 3/8	33 1/8	39	5
B	22 1/8	26 1/2	33 1/2	40 1/2	48	96
C	10 3/4	12 1/4	15 1/4	18 1/4	24	48
D	6 1/4	7 1/4	9 1/4	11 1/4	15	30
E	2 5/8	3 1/8	4 1/8	5 1/8	7 1/8	15
F	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	6
G	5/8	7/8	1 1/8	1 3/8	1 5/8	4
H	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
I	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
J	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
K	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
L	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
M	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
N	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
O	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
P	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
Q	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
R	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
S	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
T	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
U	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
V	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
W	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
X	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
Y	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4
Z	1 1/8	1 3/8	1 7/8	2 1/8	2 5/8	4

STANDARD SIGN
 WI-6
 STATE HIGHWAY COMMISSION OF WISCONSIN
 APPROVED *E. A. Rostky*
 DATE 6-1-64 PLATE NO. WI-6.3

- NOTES:
1. Sign is Type III
 2. Color:
Background — Black
Message — ReflectORIZED Yellow
 3. Face Material — Reflective Sheeting
 4. Flasher Holes 8 ³/₈" Dia.



WI-51L
[W63L]
LEFT

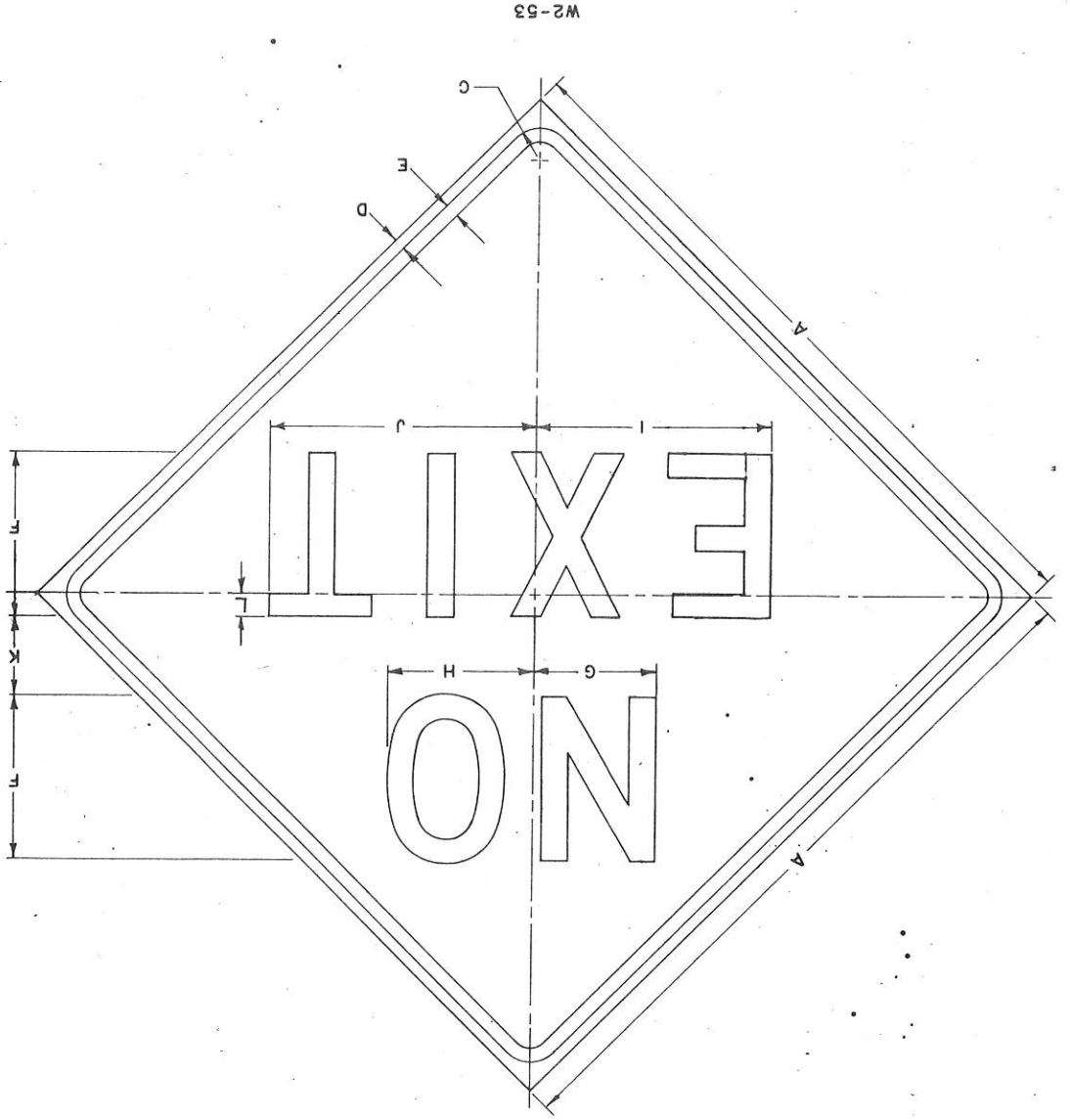


WI-51R
[W63R]
RIGHT

SIZE	CODE 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
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4	84	36	6	19	34	33 1/2	16 1/2	15	35 1/2	8 1/2	4 3/4															
Interstate	5	84	36	6	19	34	33 1/2	16 1/2	15	35 1/2	8 1/2	4 3/4															

STANDARD SIGN
WI-51
[OLD CODE: W63]
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E. L. Rattigan*
DATE 5-4-64 PLATE NO. WI-51.2

- NOTES:
1. Sign is Type II
 2. Color: Background — Reflectorized Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. This drawing may be scaled for Standard size only.
 5. All Letters Series D



SIZE	CODE	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	
Minimum	1	24	18	1 1/8	3/8	1/2	6	4 7/16	5 5/16	8 5/8	9 3/4	2 7/8	7/8															
Standard	2	30	24	1 3/8	1/2	5/8	7	5 1/16	6 1/16	10 1/16	11 3/8	3 3/8	1															
Overize	3																											
Exp-way	4																											
Interstate	5																											

STANDARD SIGN
W2-53

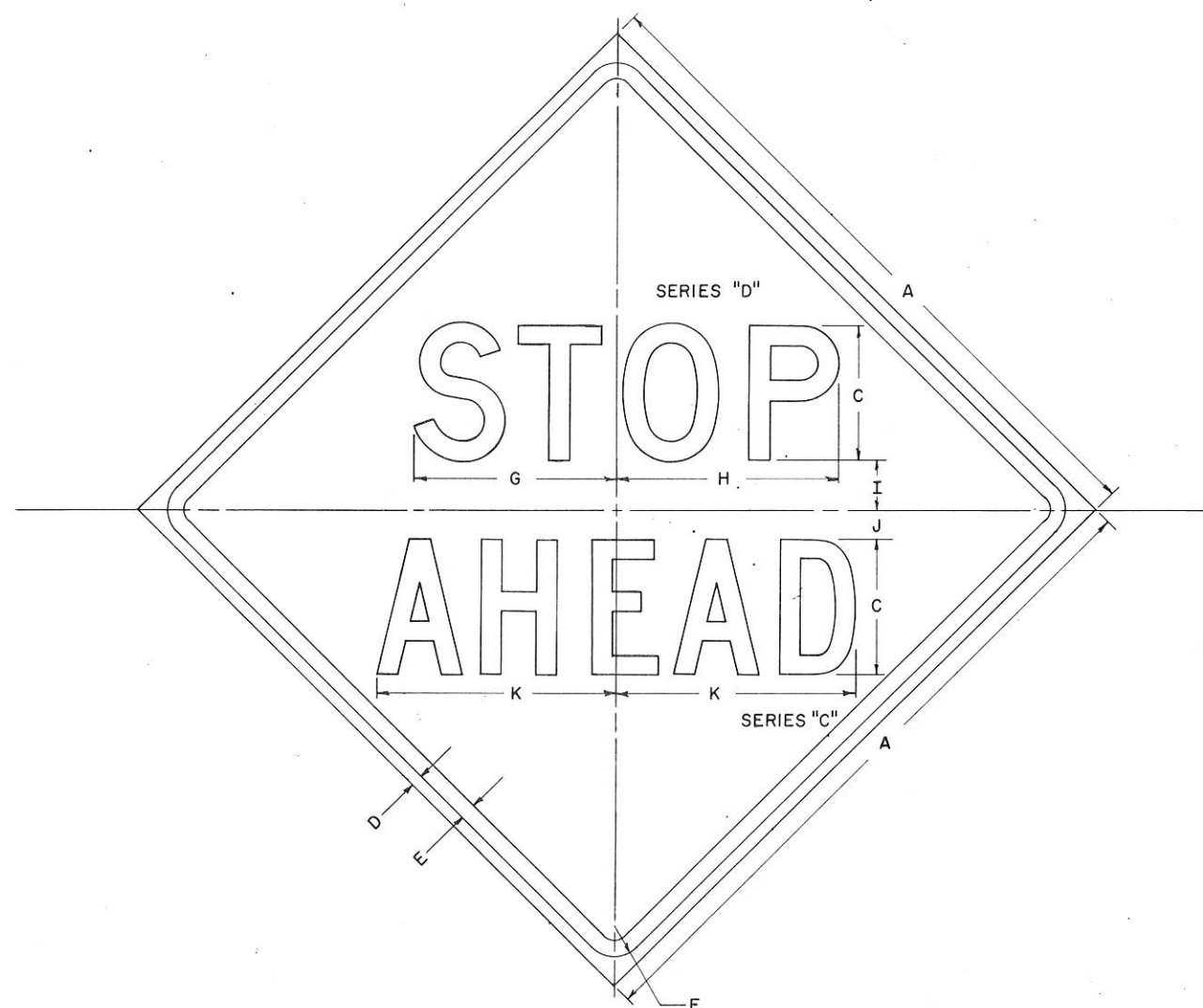
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED _____

DATE _____ PLATE NO. W2-53.2

NOTES:

1. Sign is Type II
2. Color:
Background — Reflectorized Yellow
Message — Black
3. Face Material Reflective Sheeting
4. This drawing may be scaled for standard size only.



W3-1

SIZE	CODE 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
Minimum	1	30		6	1/2	5/8	1 3/8	9	9 7/8	2 1/4	1 1/4	10 5/8															
Standard	2	30		6	1/2	5/8	1 3/8	9	9 7/8	2 1/4	1 1/4	10 5/8															
Oversize	3	36		8	5/8	3/4	1 5/8	12	13 1/8	2 3/4	1 1/2	14 5/32															
Exp-way	4	48		10	3/4	1	2 1/4	15	16 7/16	3 1/4	1 5/8	17 5/8															
Interstate	5	48		10	3/4	1	2 1/4	15	16 7/16	3 1/4	1 5/8	17 11/16															

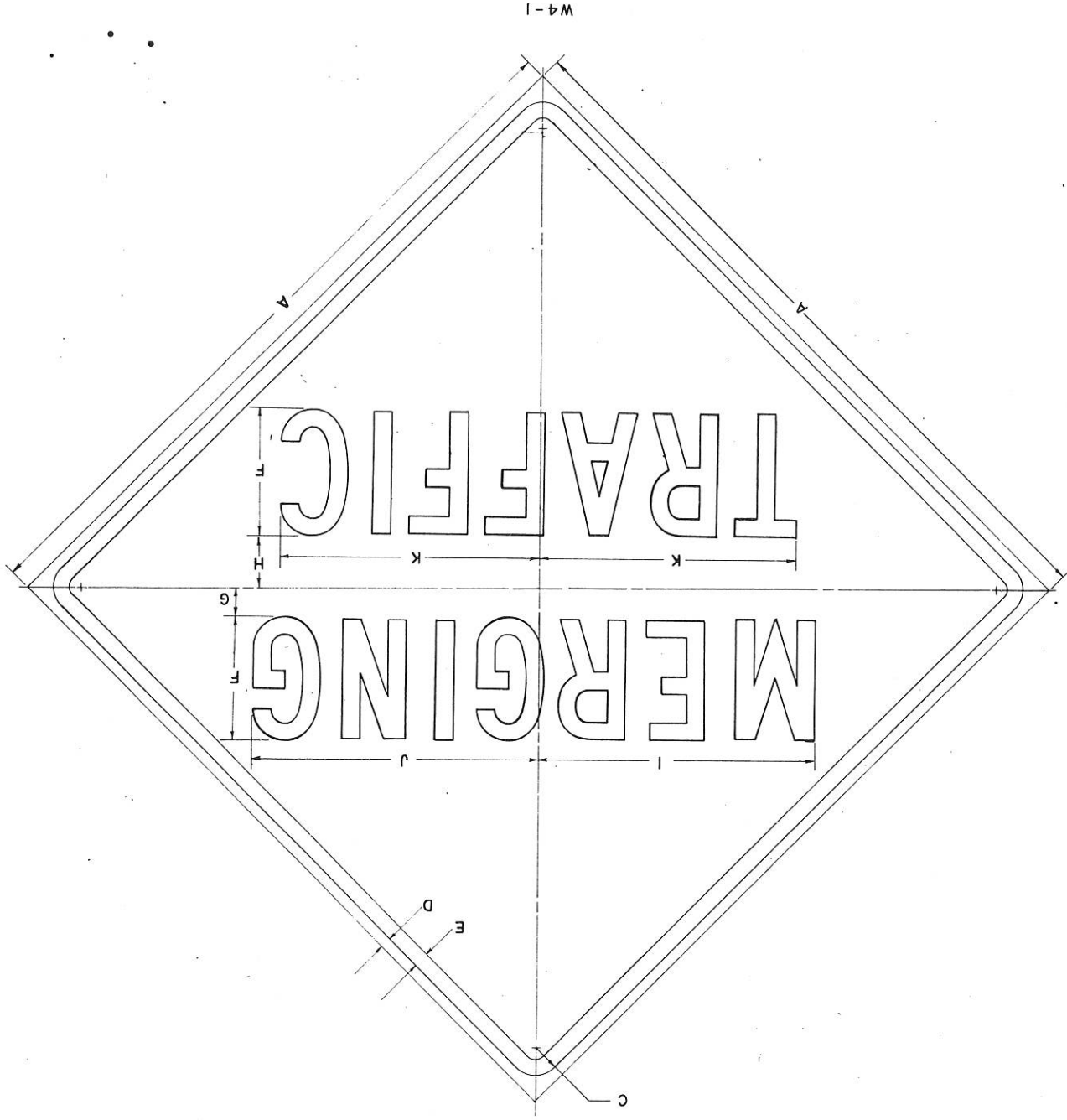
STANDARD SIGN
W3-1

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Roettger*

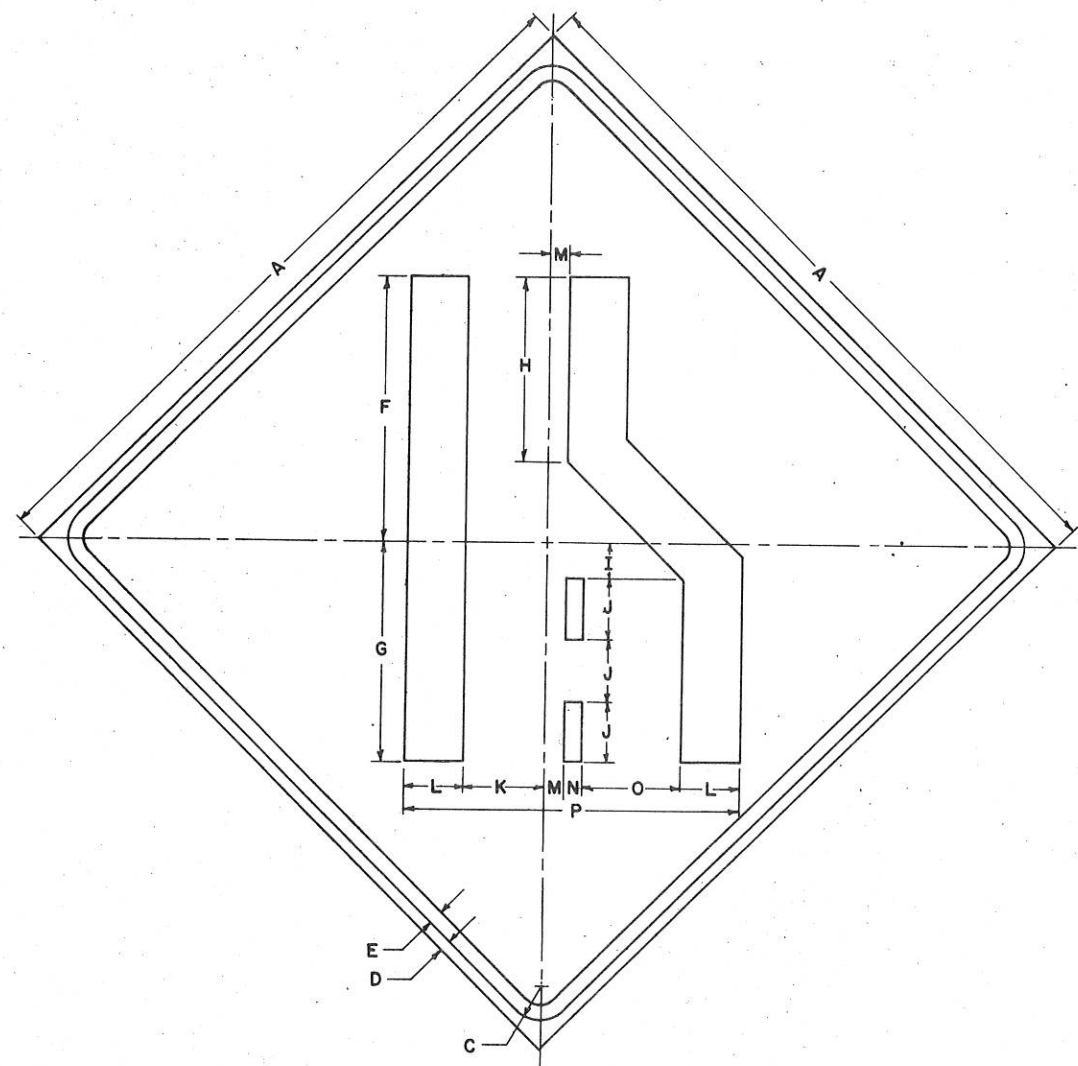
DATE 6-1-64 PLATE NO. W3-1.2

- NOTES:
1. Sign is Type II
 2. Color:
Background — ReflectORIZED Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. All letters Series C.
 5. This drawing may be scaled for standard size only.



SIZE	CODE	Minimum	Standard	Overize	Exp-way	Interstate
A	24	18	18	18	24	48
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						

STANDARD SIGN
W4-1
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E. J. Kelly*
DATE 6-1-64 PLATE NO. W4-1.3



W4-2H

- NOTES:
1. Sign is Type II
 2. Color:
Background — ReflectORIZED Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. W4-2K Some Except Lanes Are Reversed
 5. This Drawing May Be Scaled For Standard Size Only.

SIZE	CODE 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
Minimum	1	24		1 1/8	8 3/8	1 1/2	8 7/8	7 3/8	6 3/16	1 3/16	2 1/16	2 1/16	2	5 5/8	9 1/8	3 3/8	11 5/16										
Standard	2	30		1 1/8	10 1/2	1 3/4	11 1/8	9 3/16	7 3/4	1 1/2	2 9/16	3 3/8	2 1/2	1 3/16	10 3/4	4 3/16	14 1/8										
Oversize	3	36		1 5/8	12 1/2	1 3/4	13 3/8	11	9 5/16	1 13/16	3 1/16	4 1/16	3	1 5/16	11 7/8	5	16 5/16										
Exp-way	4	48		2 1/4	14 3/4	1	17 3/4	14 3/4	12 3/8	2 3/8	4 1/8	5 3/8	4	1 1/4	1 1/8	6 3/4	22 5/8										
Interstate	5	48		2 1/4	14 3/4	1	17 3/4	14 3/4	12 3/8	2 3/8	4 1/8	5 3/8	4	1 1/4	1 1/8	6 3/4	22 5/8										

STANDARD SIGNS
W4-2H & W4-2K

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED _____

DATE _____ PLATE NO. W4-2H.1

- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. All Letters are Series "D"
 5. This drawing may be scaled for Standard size only.



SIZE	CODE	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
Minimum	1	24	1 1/8	1 1/8	3/8	1/2	4	13/16	17/16	10	10 5/8	11 3/2	12 3/16														
Standard	2	36	1 5/8	1 5/8	5/8	3/4	5	1 1/4	2 3/16	12 1/2	13 1/4	14 5/16	15 1/4														
Over-size	3																										
Exp-way	4	48	2 1/4	2 1/4		1	8	1 5/8	2 7/8	20	21 1/4	22 5/16	24 3/8														
Interstate	5																										

STANDARD SIGN
W 6-1

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E.Y. Bostig*
DATE 6-1-64 PLATE NO. W 6-12



W6-2
[W33]

- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. Signs 36" X 36" Use Series D, 24" X 24" & 48" X 48" Signs Are Series C, Letters.

SIZE	CODE 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	
Minimum	1	24		1 1/8	3/8	1/2	4	2	1 7/16	2 9/16	7 7/16	8	8 1/2	8 11/16	4 7/8	5 7/16												
Standard	2	36		1 5/8	5/8	3/4	5	3 1/2	1 1/4	3 3/4	11 5/8	12 5/8	13 1/2	14 5/16	8	8 5/16												
Oversize	3																											
Exp-way	4	48		2 1/4	3/4	1	8	4	2 7/8	5 1/8	14 7/8	16	17	17 5/16	9 3/4	10 7/8												
Interstate	5	48		2 1/4	3/4	1	8	4	2 7/8	5 1/8	14 7/8	16	17	17 5/16	9 3/4	10 7/8												

STANDARD SIGN
W6-2

[OLD CODE W33]

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Roettger*

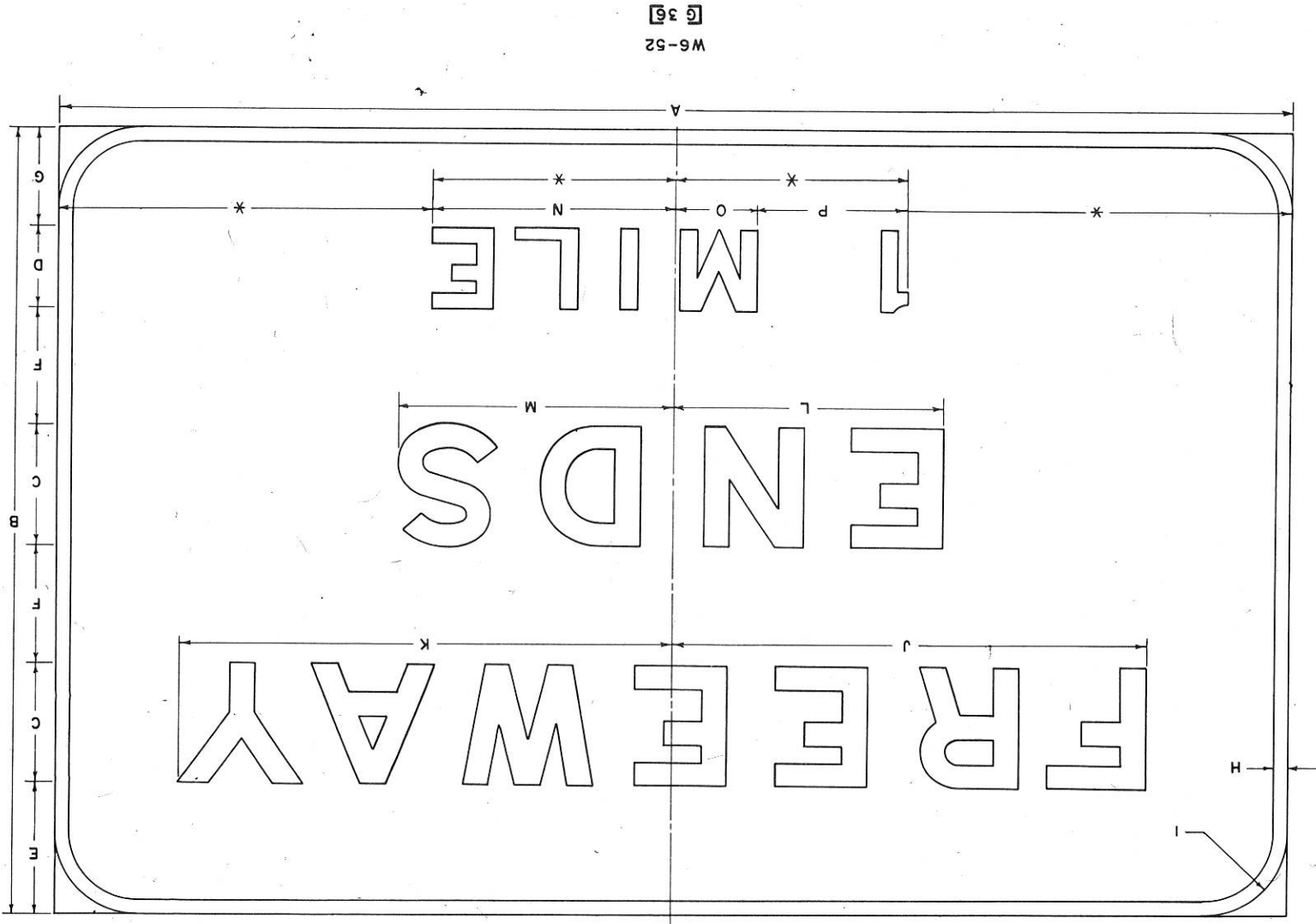
DATE 5-28-62 PLATE NO. W6-2.2

[Replaces Plate W33.1]

Handwritten notes:
AMP
3/25/62
EHA

NOTES:

- 1. Sign is Type I
- 2. Color:
- Background — Reflectorized Green
- Message — Reflectorized White
- 3. Face Material — Reflectorive Sheeting
- 4. Substitute Appropriate Numerals
- shown in plans. Starred dimensions will vary, therefore it will be necessary to adjust them for proper balance of bottom line.



SIZE	CODE	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
Interstate	5	180	114	18	12	18	17	14	2	12	69 1/4	72 1/8	39 3/8	40 3/8	35 13/16	12 1/4	22 1/4										
Exp-way	4	180	114	18	12	18	17	14	2	12	69 1/4	72 1/8	39 3/8	40 3/8	35 13/16	12 1/4	22 1/4										
Overize	3																										
Standard	2																										
Minimum	1																										

STANDARD SIGN

W6-52

GLD CODE G 35

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. J. Rostky*

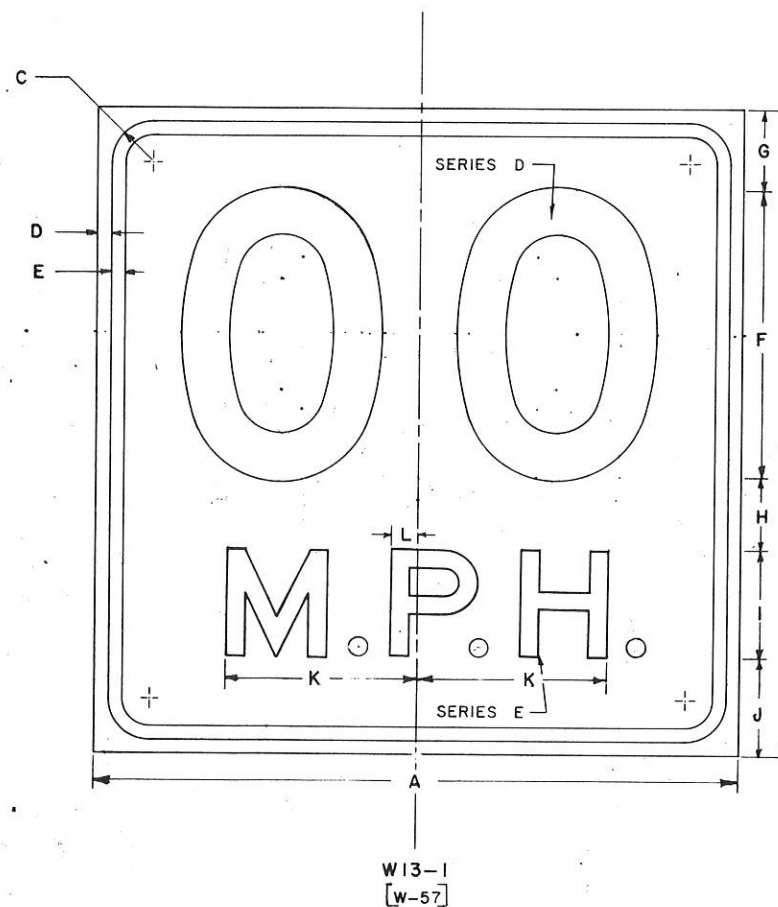
DATE 5-4-64 PLATE NO. W6-52,2

NOTES:

1. Sign is Type II
2. Color:
 - Background — Reflectorized Yellow
 - Message — Black
3. Face Material Reflectorized Sheeting
4. Substitute Appropriate Numerals & Adjust Spacing to Achieve Proper Balance.
5. This Sign Shall Not Be Used Alone. It Shall Be Subordinate to Another Warning Sign. Use Combination of Sign Sizes as Follows:

Primary Warning Sign	Corresponding W13-1
24 x 24 30 x 30 24 x 30	18 x 18
36 x 36 36 x 48	24 x 24
48 x 48 48 x 60	36 x 36

6. This Sign May Be Scaled For Standard Size Only.



SIZE	CODE 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
Minimum	1	18		1/8	3/8	3/8	8	2 1/4	2	3	2 3/4	5 5/16	3 1/4														
Standard	2	18		1/8	3/8	3/8	8	2 1/4	2	3	2 3/4	5 5/16	3 1/4														
Over-size	3	24		1/8	3/8	1/2	10	3 1/4	2 3/4	4	4	6 5/8	4 1/2														
Exp-way	4	36		1 5/8	5 5/8	3/4	16	4 1/2	4	6	5 1/2	10 5/8	4 1/2														
Interstate	5	36		1 5/8	5 5/8	3/4	16	4 1/2	4	6	5 1/2	10 5/8	4 1/2														

STANDARD SIGN
W13-1

[OLD CODE W-57]

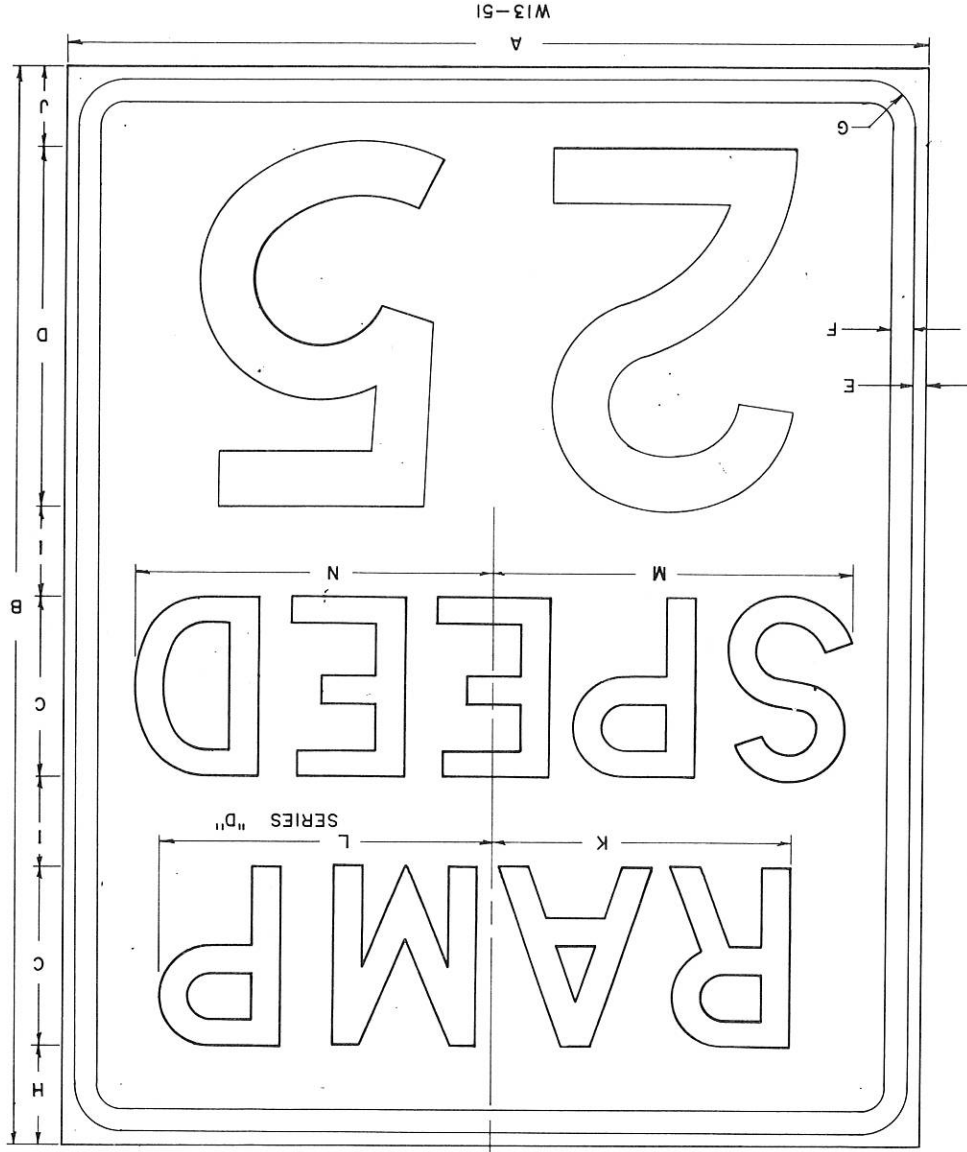
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Rottig*

DATE 7-12-63 PLATE NO. W13-1.3
(Replaces Old Plate No. RR.1.1n Part)

NOTES:

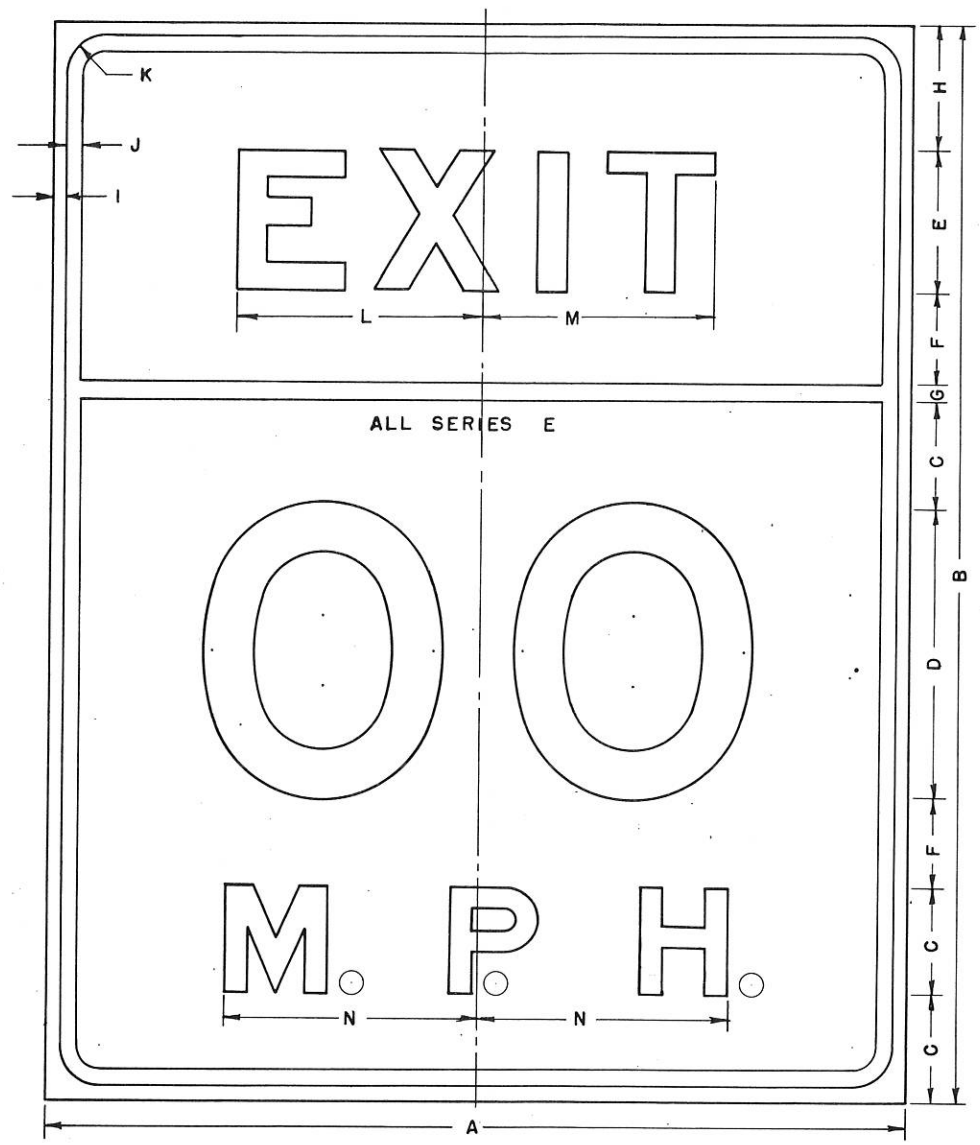
1. Sign is Type II
2. Color: Background — Reflectized Yellow
Message — Black
3. Face Material Reflective Sheeting
4. Substitute Appropriate Numerals, and adjust spacing to give proper balance.
5. This Drawing May Be Scaled For Standard Size Only



SIZE	CODE	Minimum	Standard	Overize	Exp-way	Interstate
A	24	30	24	30	48	5
B	30	5	10	5	15	10
C	10	5	10	5	15	20
D	5	10	5	10	15	20
E	5	5	5	5	5	5
F	5	5	5	5	5	5
G	5	5	5	5	5	5
H	5	5	5	5	5	5
I	5	5	5	5	5	5
J	5	5	5	5	5	5
K	5	5	5	5	5	5
L	5	5	5	5	5	5
M	5	5	5	5	5	5
N	5	5	5	5	5	5
O	5	5	5	5	5	5
P	5	5	5	5	5	5
Q	5	5	5	5	5	5
R	5	5	5	5	5	5
S	5	5	5	5	5	5
T	5	5	5	5	5	5
U	5	5	5	5	5	5
V	5	5	5	5	5	5
W	5	5	5	5	5	5
X	5	5	5	5	5	5
Y	5	5	5	5	5	5
Z	5	5	5	5	5	5

STANDARD SIGN
W13-51
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E.Y. Kottler*
DATE: 6-1-64
PLATE NO. W13-51.2

- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized Yellow
Message — Black
 3. Face Material — Reflective Sheeting
 4. Substitute appropriate speed as shown in plans.



W13-52
[W81A]

SIZE	CODE 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
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Interstate	5	48	60	6	16	8	5	1	7	$\frac{3}{4}$	$\frac{7}{8}$	$2\frac{1}{4}$	13	$13\frac{3}{4}$	14												

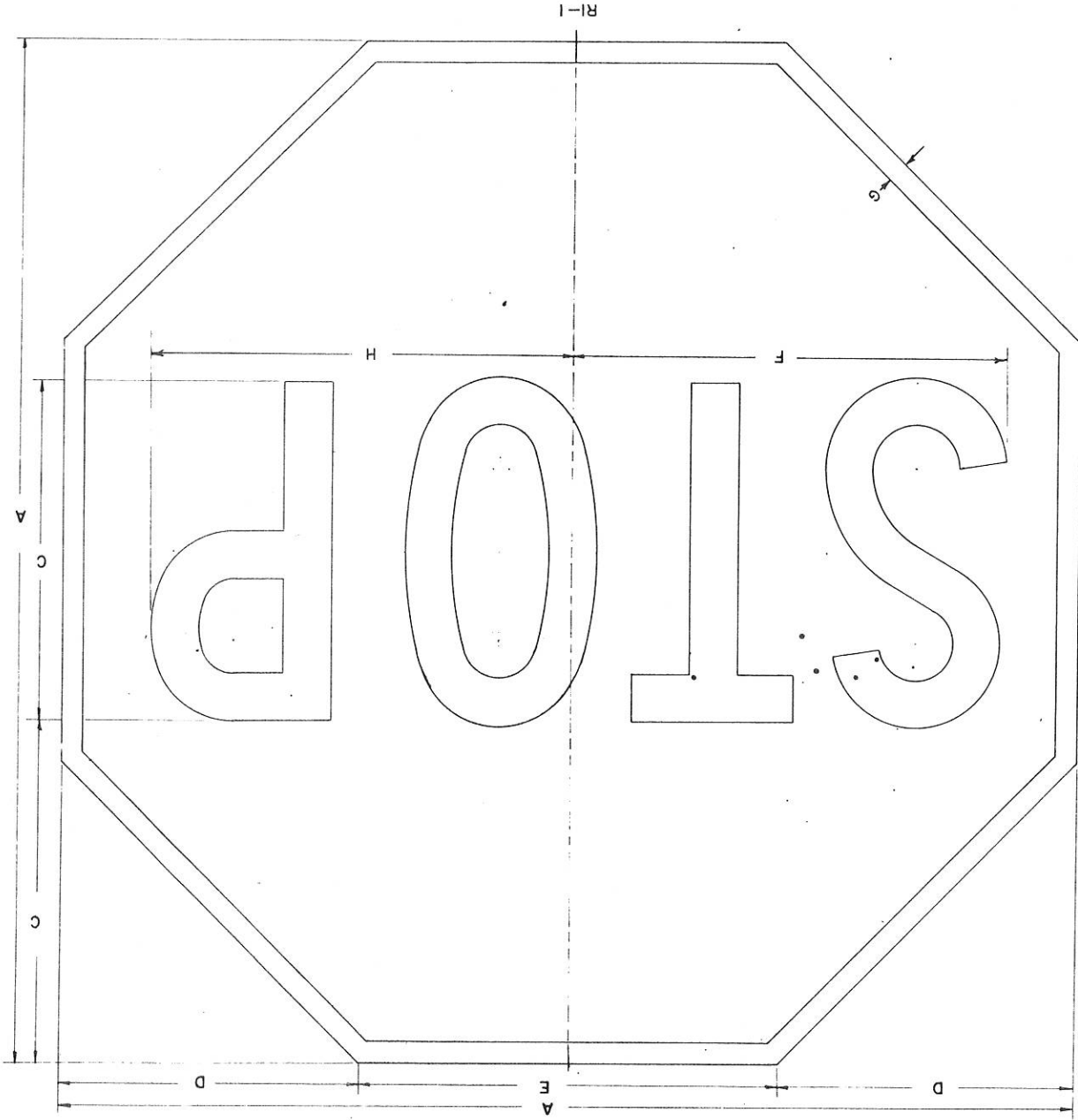
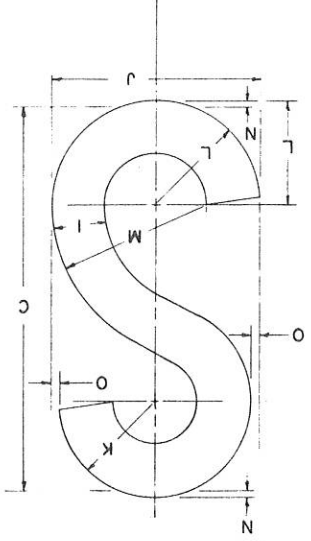
STANDARD SIGN
W13-52
[OLD CODE NO. W81A]

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Rottiger*
DATE 5-4-64 PLATE NO. W13-52.2

NOTES:

1. Sign is Type II
2. Color:
Background — Reflective Red
Message — Reflective White
3. Face Material — Reflective Sheeting
4. Letters—Series C, with "S" modified so that dimension H in B.P.R.'s "STANDARD ALPHABETS" is reduced 50% and the right edge of the upper semicircle is moved to the left by 1/2 H, and the centers of radii C and D are on a vertical line.
5. This drawing may be scaled for interstate size only.



SIZE	CODE	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
Minimum	1	24	8	8	7	10	10 1/4	3/8	10 1/8	1 1/8	4 3/8	2	2 3/16	3 1/4	1 1/8	3/16											
Standard	2	30	10	10	8 25/32	12 1/2	12 5/8	3/4	13 1/4	1 3/8	5 1/2	2 1/2	2 23/32	4 1/16	3 3/32	7 3/32											
Over-size	3	36	12	12	10 1/2	15	15 7/16	3/4	15	1 11/16	6 1/16	3	3 9/32	4 7/8	3 9/32	9 3/32											
Exp-way	4	48	16	16	14	20	20 7/16	1	19 7/8	2 1/8	8 3/4	4	4 3/8	6 1/2	6 1/2	14 1/4											
Interstate	5	48	16	16	14	20	20 7/16	1	19 7/8	2 1/8	8 3/4	4	4 3/8	6 1/2	6 1/2	14 1/4											

STANDARD SIGN
RI-1

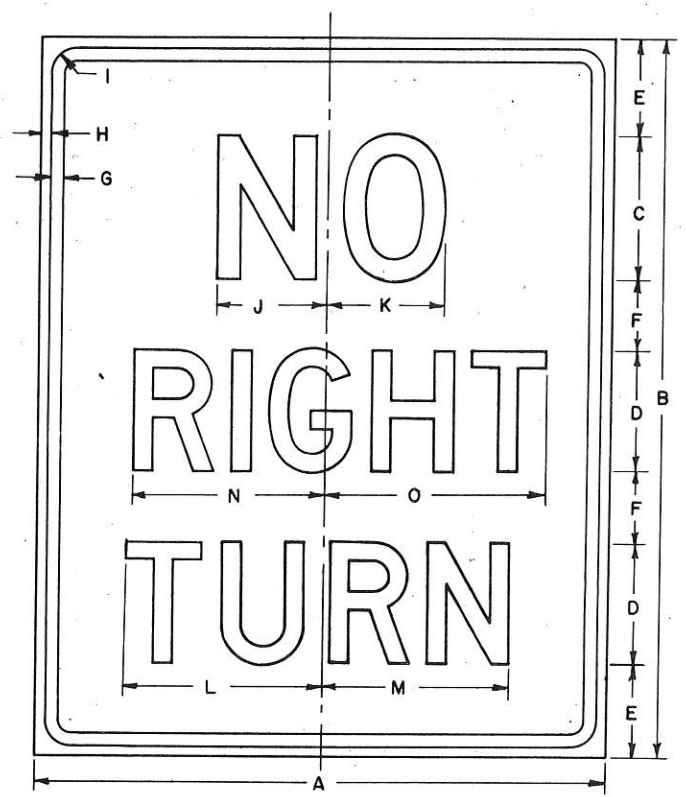
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED _____

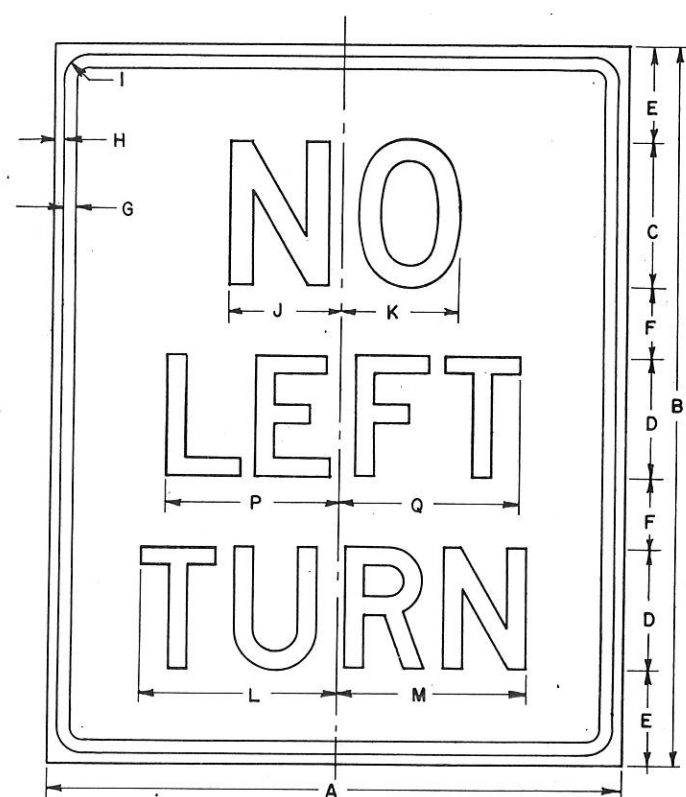
DATE _____

PLATE NO. RI-1-4

- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized White
Message — Black
 3. Face Material — Reflective Sheeting
 4. All letters — Series D
 5. This drawing may be scaled for Standard size only.



R3-1



R3-2

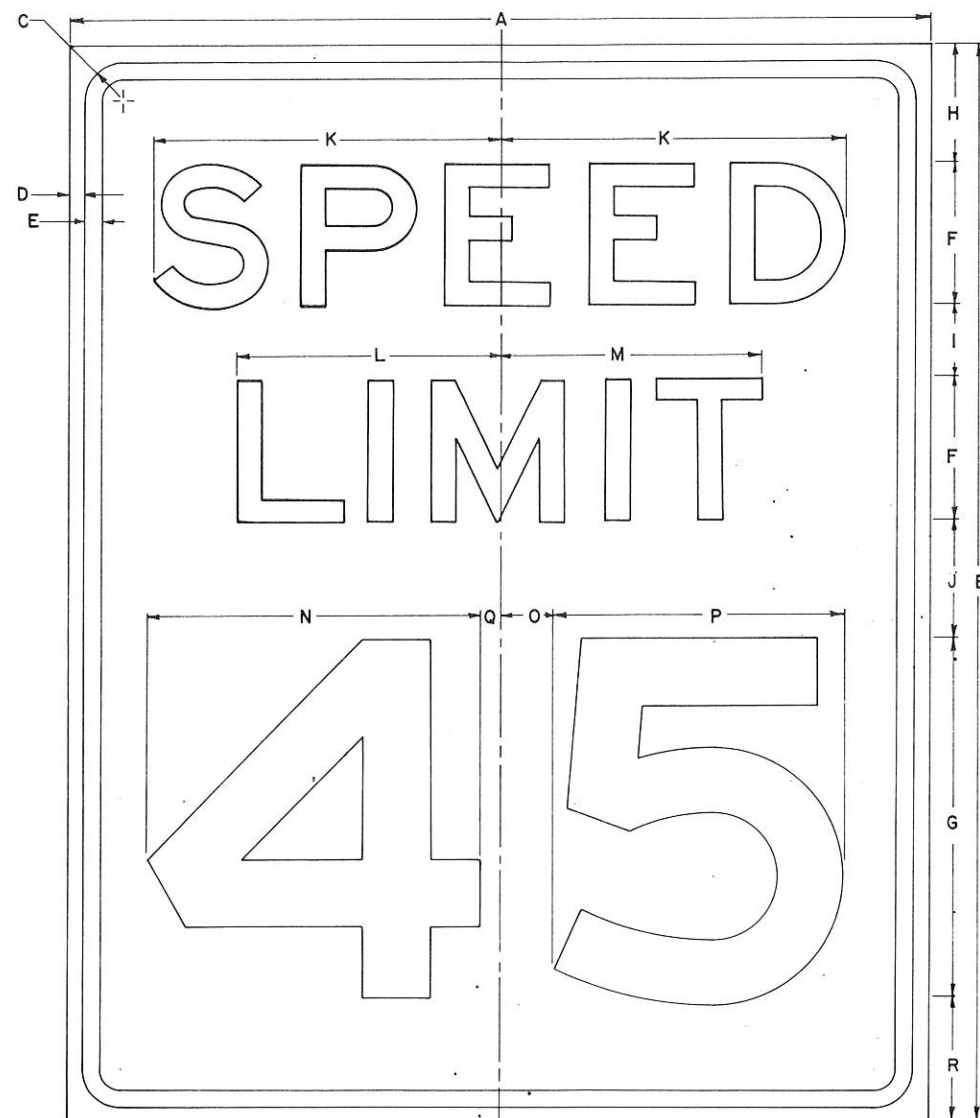
SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Minimum	1	24	30	6	5	4	3	1/2	3/8	1/8	4 5/8	4 15/16	8 1/4	8	8 1/16	9 5/16	7 1/4	7 5/8									
Standard	2	24	30	6	5	4	3	1/2	3/8	1/8	4 5/8	4 15/16	8 1/4	8	8 1/16	9 5/16	7 1/4	7 5/8									
Oversize	3	36	48	9	8	6 11/16	4 13/16	5/8	1/2	1 3/4	6 15/16	7 3/8	13 3/16	12 13/16	12 7/8	14 7/8	11 5/8	12 3/16									
Exp-way	4																										
Interstate	5																										

STANDARD SIGNS
R3-1 R3-2

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Roettiger*

DATE 6-1-64 PLATE NO. R3-1.2



R2-1

[R2]

NOTES:

1. Sign is Type II
2. Color:
Background — Reflectorized White
Message — Black
3. Face Material — Reflective Sheeting
4. Letters & Numerals for Minimum Sizes
Shall be Series D, For Standard &
Interstate Sizes They Shall be Series "E."
5. Substitute Appropriate Numerals Shown in
Plans Dimensions "O" & "Q" Shall Vary
With Adjustment of Spacing.
6. This Drawing May Be Scaled For Standard
Size Only.

SIZE	CODE 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
Minimum	1	18	24	1 1/8	3/8	2 1/2	4	8	2 1/2	1 1/2	1 3/4	7 3/8	5 7/8	6	5 1/8	1 1/8	5 3/8	2 1/8	2 1/4								
Standard	2	24	30	1 1/8	3/8	2 1/2	4	10	3 1/4	2	3 1/4	9 5/8	7 5/16	7 1/4	9 1/4	1 1/2	7 31/32	1 1/2	3 1/2								
Oversize	3																										
Exp-way	4	36	48	1 3/4	1/2	3 5/8	8	16	5	3	3 1/2	14 3/4	11 3/4	12	10 1/4	2 1/4	10 3/4	3 1/4	4 1/2								
Interstate	5	48	60	2 1/4	3/4	1	8	20	6 1/2	4	6 1/2	19 1/4	14 5/8	14 1/2	18 1/2	3	15 15/16	1	7								

STANDARD SIGN

R2-1

[OLD CODE R2]

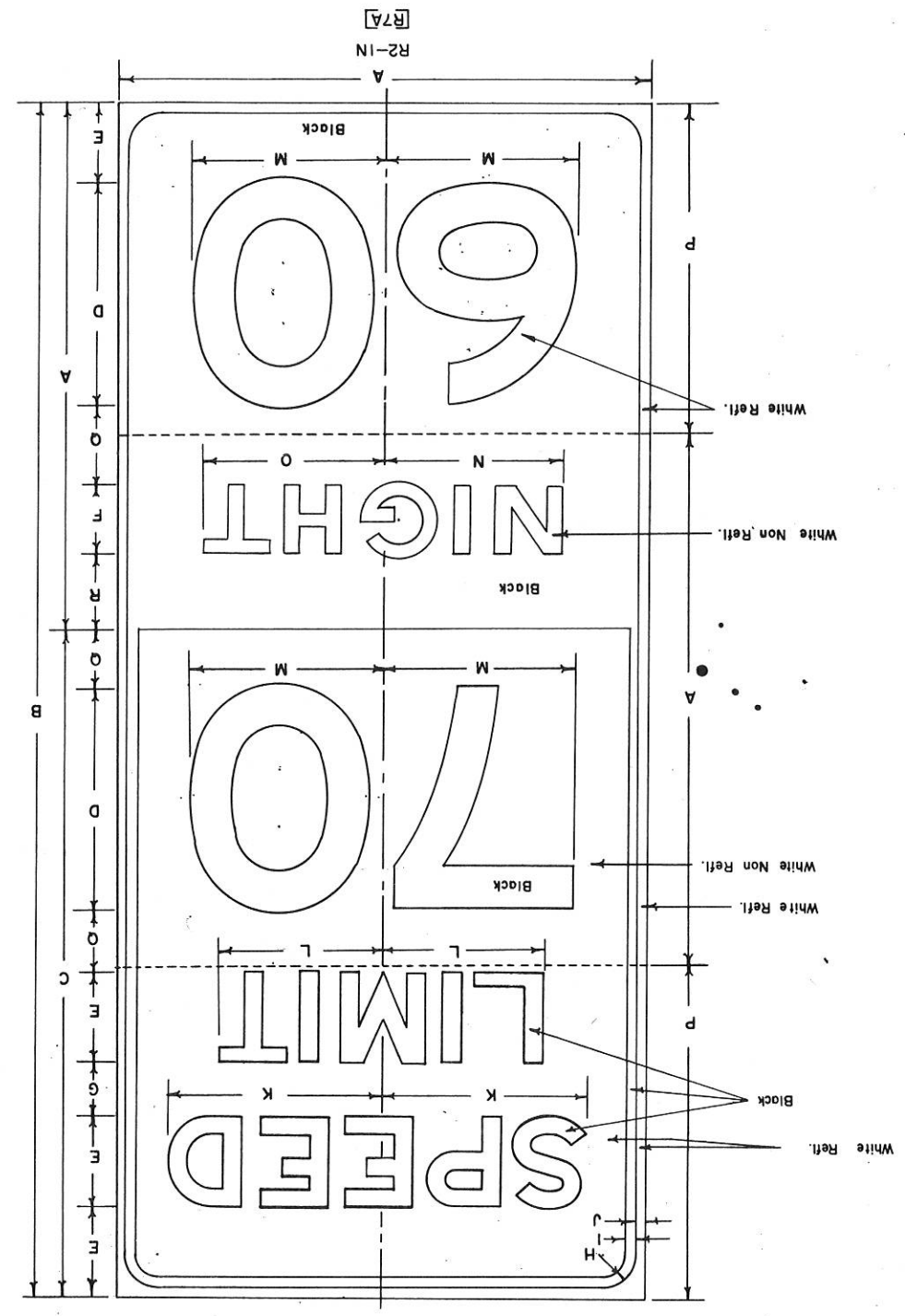
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Koetting*

DATE *3-31-65* PLATE NO. R2-1.4
(Replaces Old Plate No. R2.1 In Part)

- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectized Silver
Message — Black
 3. Face Material — Reflective Sheeting
 4. All Letters Series E
 5. Except NIGHT Series F
 5. Night Speed Reversed
White on Black.
 6. This drawing may be scaled for interstate size only.

65



SIZE	CODE	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
1																											
2																											
3																											
Standard																											
Overize																											
Exp-way																											
Interstate																											

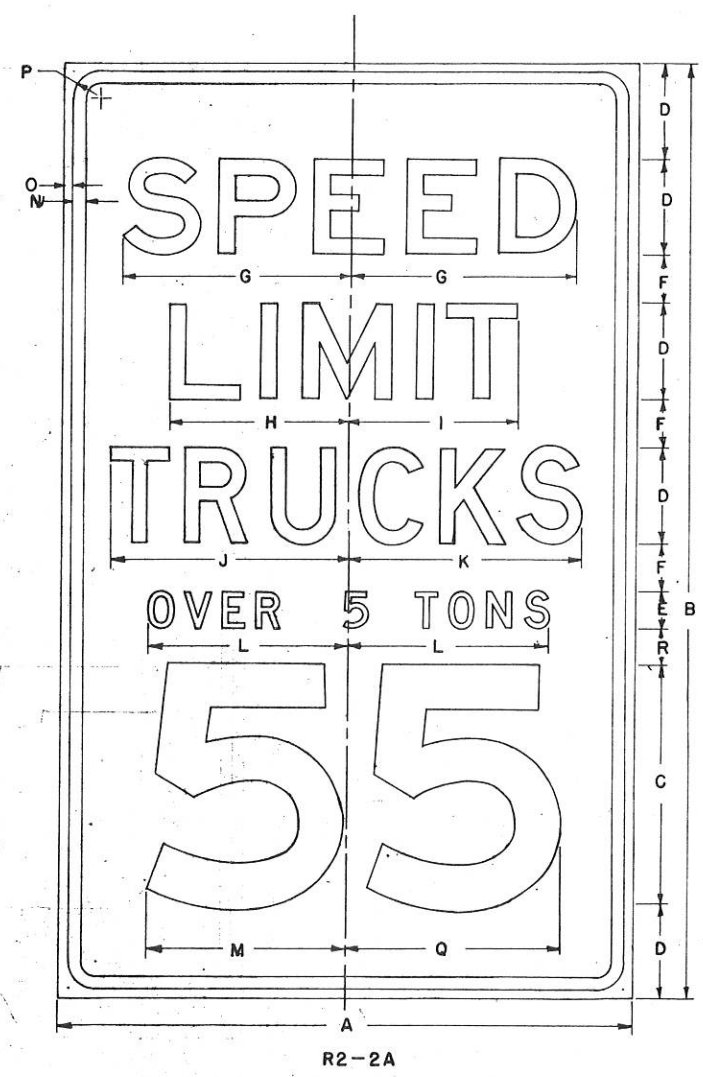
STANDARD SIGN
R2-IN

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. Y. [Signature]*

DATE 3-31-65 PLATE NO. R2-IN, 2

- NOTES:
1. Sign is Type III
 2. Color:
Background — Reflectorized Silver
Message — Black
 3. Face Material — Reflective Sheeting
 4. Speed Limit — 55 Series E
Trucks — Over 5 Tons Series D
 5. This Drawing May Be Scaled For Interstate Size Only.



SIZE	CODE 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
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4	36	48	12	5	2	2 ⁵ / ₁₆	11 ⁷ / ₈	9 ³ / ₈	9 ¹ / ₁₆	12 ¹ / ₂	12 ³ / ₁₆	11	9 ⁷ / ₈	5 ⁵ / ₈	1 ¹ / ₂	13 ³ / ₄	10 ¹³ / ₁₆	2 ¹ / ₁₆								
Interstate	5	48	78	20	8	3	4	19	15	14 ¹ / ₂	20	19 ¹ / ₂	16 ¹ / ₂	16 ¹ / ₂	1	3 ³ / ₄	2 ¹ / ₄	18	3								

STANDARD SIGN
R2-2A

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED _____

DATE _____ PLATE NO. R2-2A2

NOTES:

1. Sign is Type II

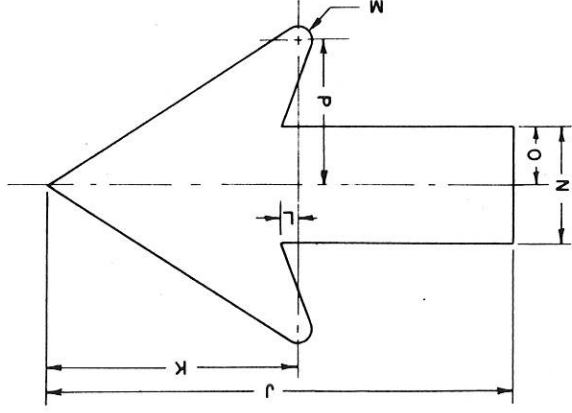
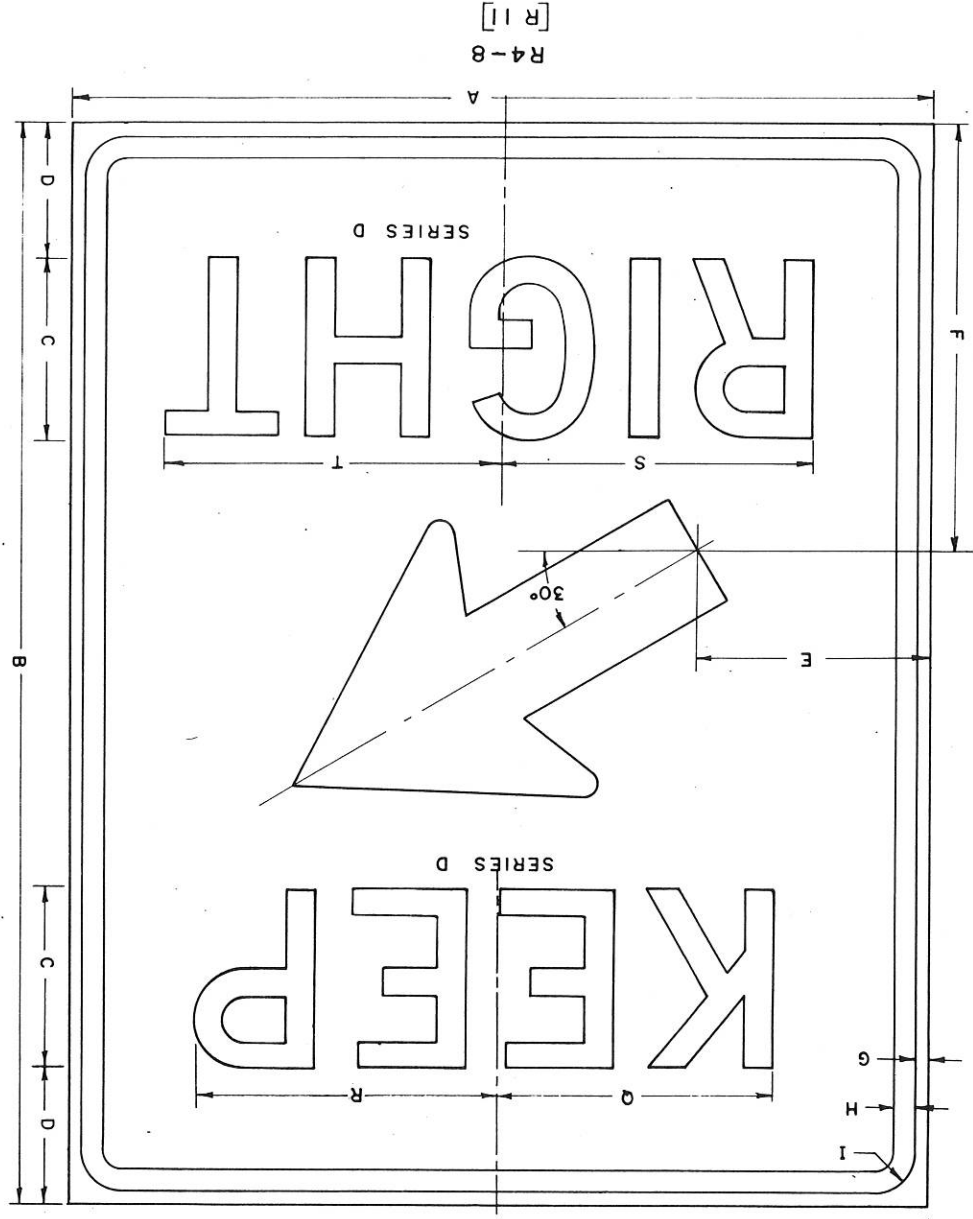
2. Color:

Background — ReflectORIZED White

Message — Black

3. Face Material — Reflective Sheeting

4. This Drawing May Be Scaled For Standard Size Only.

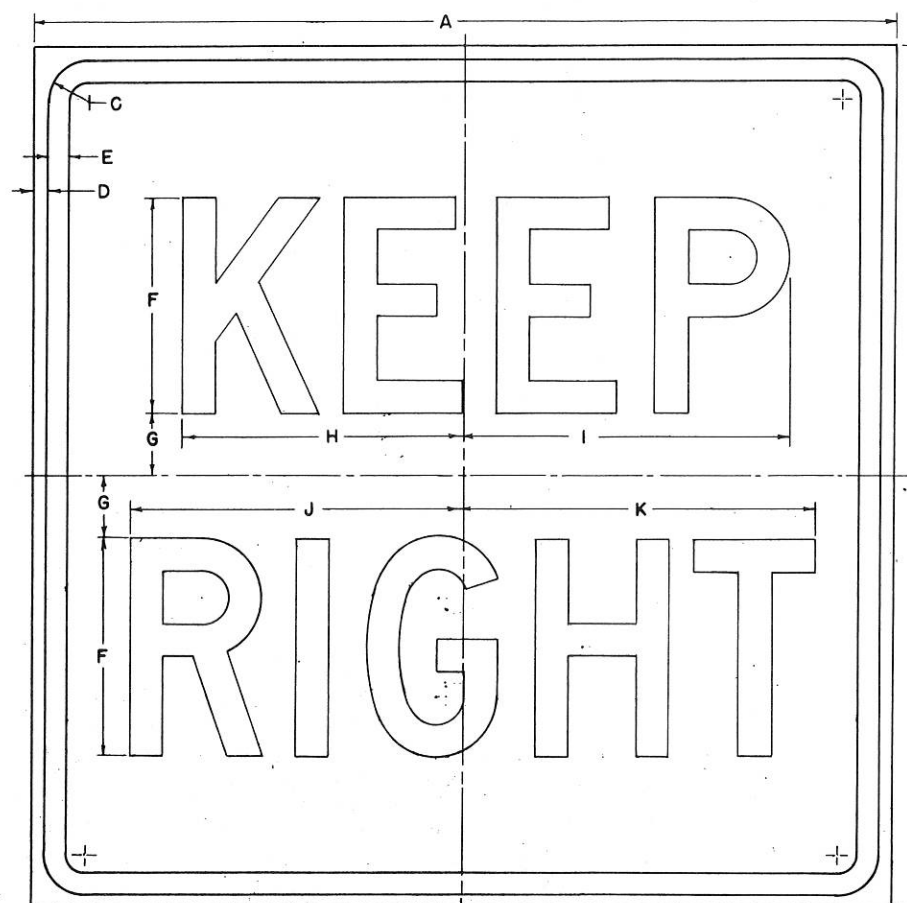


SIZE	CODE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Minimum	1	18	24	4	4	4 1/2	9 3/4	3/8	1/2	1/8	10	5 1/2	3/8	4	2 1/2	1 1/4	3	6 1/8	6 5/8	6 7/8	7 5/8						
Standard	2	24	30	5	5	6 1/2	12	3/4	3/4	1 1/8	13	7	1/2	3 1/4	1 5/8	4	7 9/16	8 1/4	8 5/8	9 1/2							
Overize	3																										
Exp-way	4	36	48	8	8	9 1/2	19 1/2	3/4	3/4	1 1/4	20	11	3/4	5	2 1/2	6	12 1/8	13 1/4	13 3/4	15 1/4							
Interstate	5																										

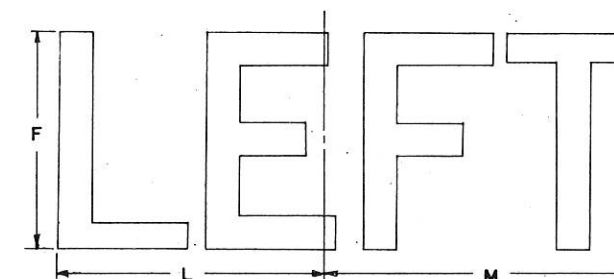
STANDARD SIGN
R 4-8
[OLD CODE NO. R11]
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E. L. Patton*
DATE 3-31-66 PLATE NO. R 4-8.2

NOTES:

1. Sign is Type II
2. Color:
Background — ReflectORIZED White
Message — Black
3. Face Material — Reflective Sheeting
4. Lettering — Series D
5. Word LEFT Replaces RIGHT For R4-52L
6. Min. & Oversize Shall Have Series C Letters For The Word RIGHT
7. This Drawing May Be Scaled For Standard Size Only.



R4-52
[R10]

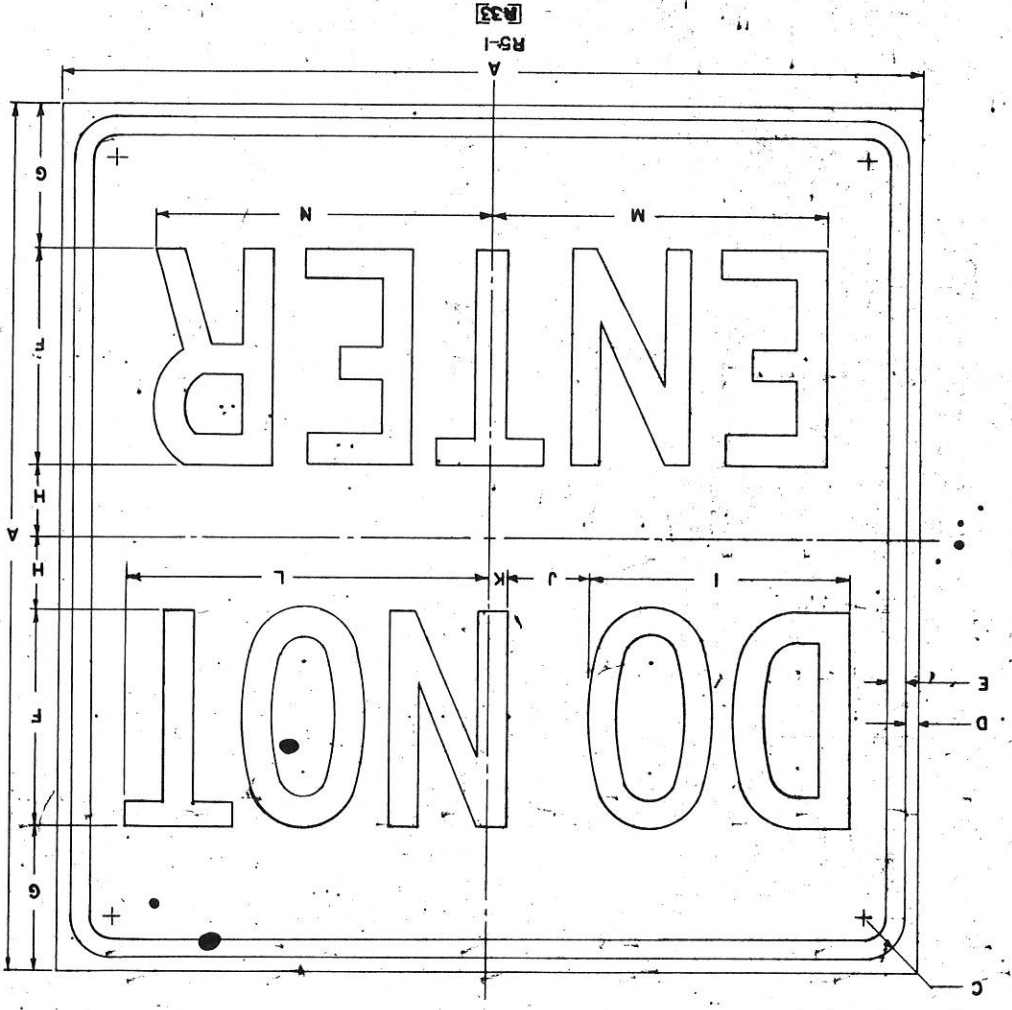


R4-52L

SIZE	CODE 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
Minimum	1	18		1 1/8	3/8	3/8	5	1 5/16	6 5/8	7 7/16	6 5/16	6 11/16	6 3/8	7 5/16													
Standard	2	24		1 1/8	3/8	1/2	6	1 3/4	7 15/16	8 15/16	9 1/4	9 3/4	7 3/8	8 3/4													
Oversize	3	36		1 5/8	5/8	3/4	10	2 5/8	13 1/4	14 7/8	12 3/8	13 3/8	12 3/4	14 3/8													
Exp-way	4																										
Interstate	5																										

STANDARD SIGN	
R4-52	
[OLD CODE R10]	
STATE HIGHWAY COMMISSION OF WISCONSIN	
APPROVED	
DATE _____	PLATE NO. R4-52.2

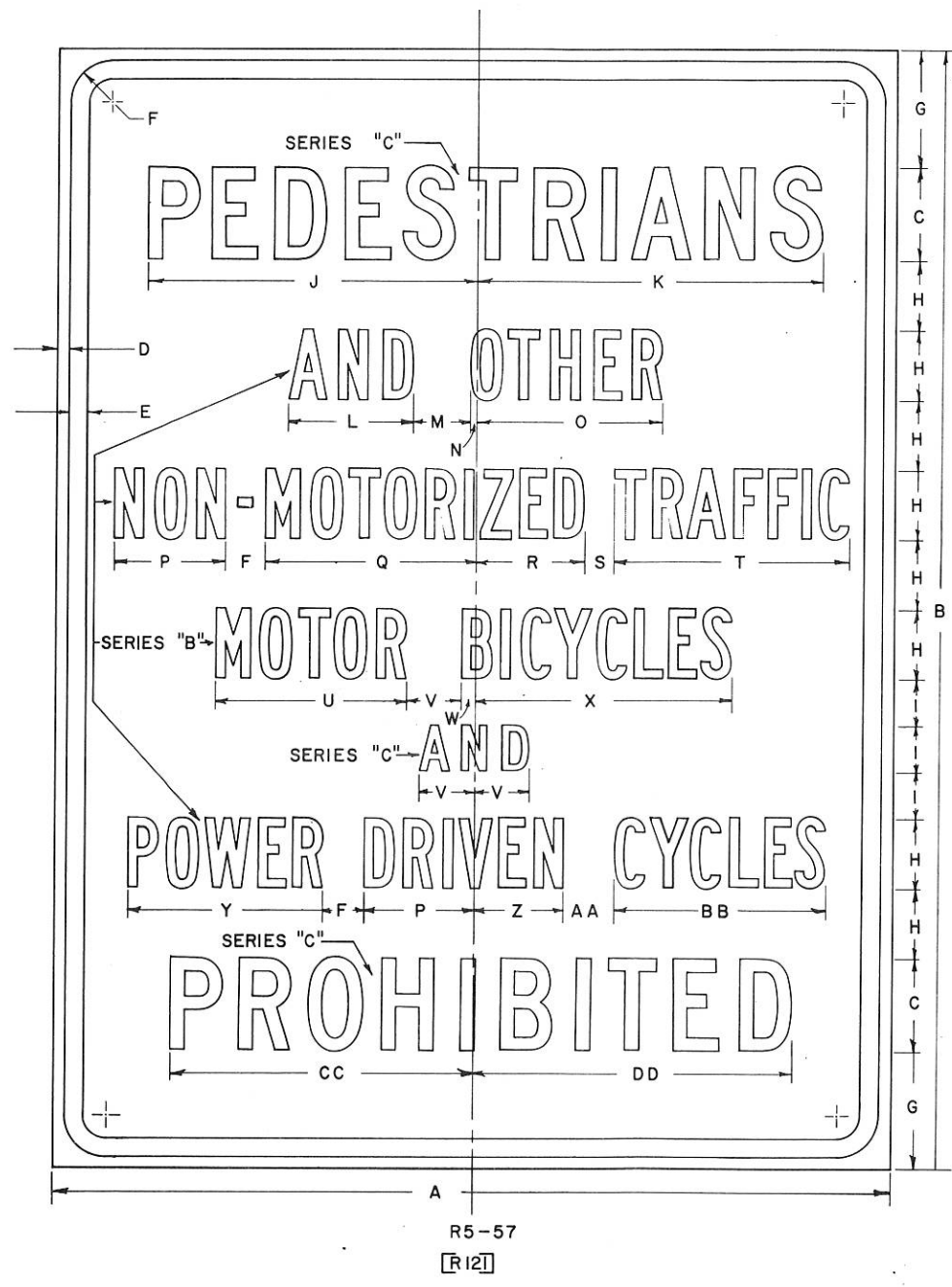
- NOTES:
1. Sign is Type II
 2. Color:
 - Background — Reflectorized White
 - Message — Black
 3. Face Material — Reflective Sheeting
 4. Letters Series C
 5. This drawing may be scaled for standard size only.



CODE SIZE	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
6	30	1 3/8	1 3/8	2	5/8	7	5 3/8	2 5/8	8 9/16	2 13/16	9	12 7/16	10 11/16	11 3/8
7	42	1 5/8	1 5/8	2 1/8	7 3/8	10	7 3/8	3 5/8	12 3/8	3 15/16	11 1/16	17 1/2	15 5/16	16 1/8
8	54	2 1/4	2 1/4	2 3/4	9 3/8	13	9 3/8	4 5/8	16	5 5/2	13 3/8	22 3/4	19 7/8	20 5/8
9	66	3	3	3 1/2	11	15	12	6	18 7/16	5 15/16	14 1/2	26 1/4	23	24 1/16

SIZE	CODE SIZE	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
1	24	1 1/8	1 1/8	1 1/8	1 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8
2	24	1 1/8	1 1/8	1 1/8	1 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8
3	36	1 3/8	1 3/8	1 3/8	1 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8
4	48	2 1/4	2 1/4	2 1/4	2 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
5	60	3	3	3	3	4	4	4	4	4	4	4	4	4	4

STANDARD SIGN
RS-1
OLD CODE R33
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED: *[Signature]*
DATE: 2-13-66
PLATE NO. RS-13
(Replaces Old Plate No. RR 61 in Part)



- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized White
Message — Black
 3. Face Material Reflective Sheeting.
 4. This Drawing May Be Scaled For Standard Size Only.

R5-57
[R12]

SIZE	CODE 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	AA	BB	CC	DD
Minimum	1	36	48	4	1/2	3/16	1 3/4	5	3	2	14 3/16	14 7/8	5 3/8	2 1/2	1/4	8	4 3/4	9 1/16	4 11/16	1 1/4	10 1/8	8 1/4	2 3/8	5/8	11	8 3/8	3 7/8	2 1/8	9 1/8	13	13 5/8
Standard	2	36	48	4	1/2	3/16	1 3/4	5	3	2	14 3/16	14 7/8	5 3/8	2 1/2	1/4	8	4 3/4	9 1/16	4 11/16	1 1/4	10 1/8	8 1/4	2 3/8	5/8	11	8 3/8	3 7/8	2 1/8	9 1/8	13	13 5/8
Oversize	3																														
Exp-way	4																														
Interstate	5																														

STANDARD SIGN
R5-57

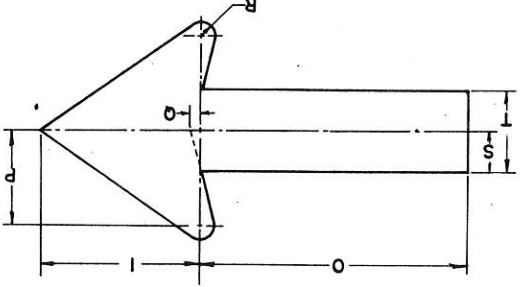
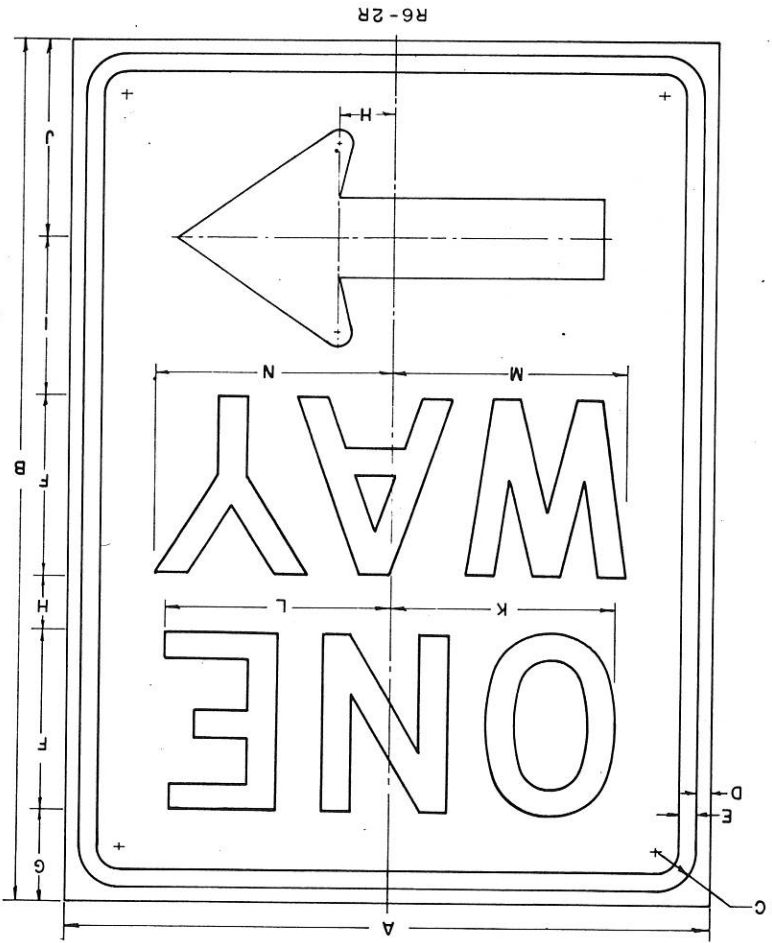
[OLD CODE R12]

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Rottger*

DATE *3-31-65* PLATE NO. R5-57.2
(Replaces Plate No. R121.1)

- NOTES:
1. Sign is Type II
 2. Color:
Background—Reflectorized White
Message—Black
 3. Face Material—Reflective Sheeting
 4. R6-2L same as R6-2R except arrow points LEFT.



SIZE	CODE	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	
Minimum	1	18	24	18	18	1	2	5	2	1	2	18	18	18	18	28	28	1	18	18	24							
Standard	2	18	24	18	18	1	2	5	2	1	2	18	18	18	28	28	1	18	18	24								
Overize	3	24	30	18	18	1	2	6	3	1	2	24	24	24	37	37	1	24	24	24								
Exp-way	4																											
Interstate	5																											

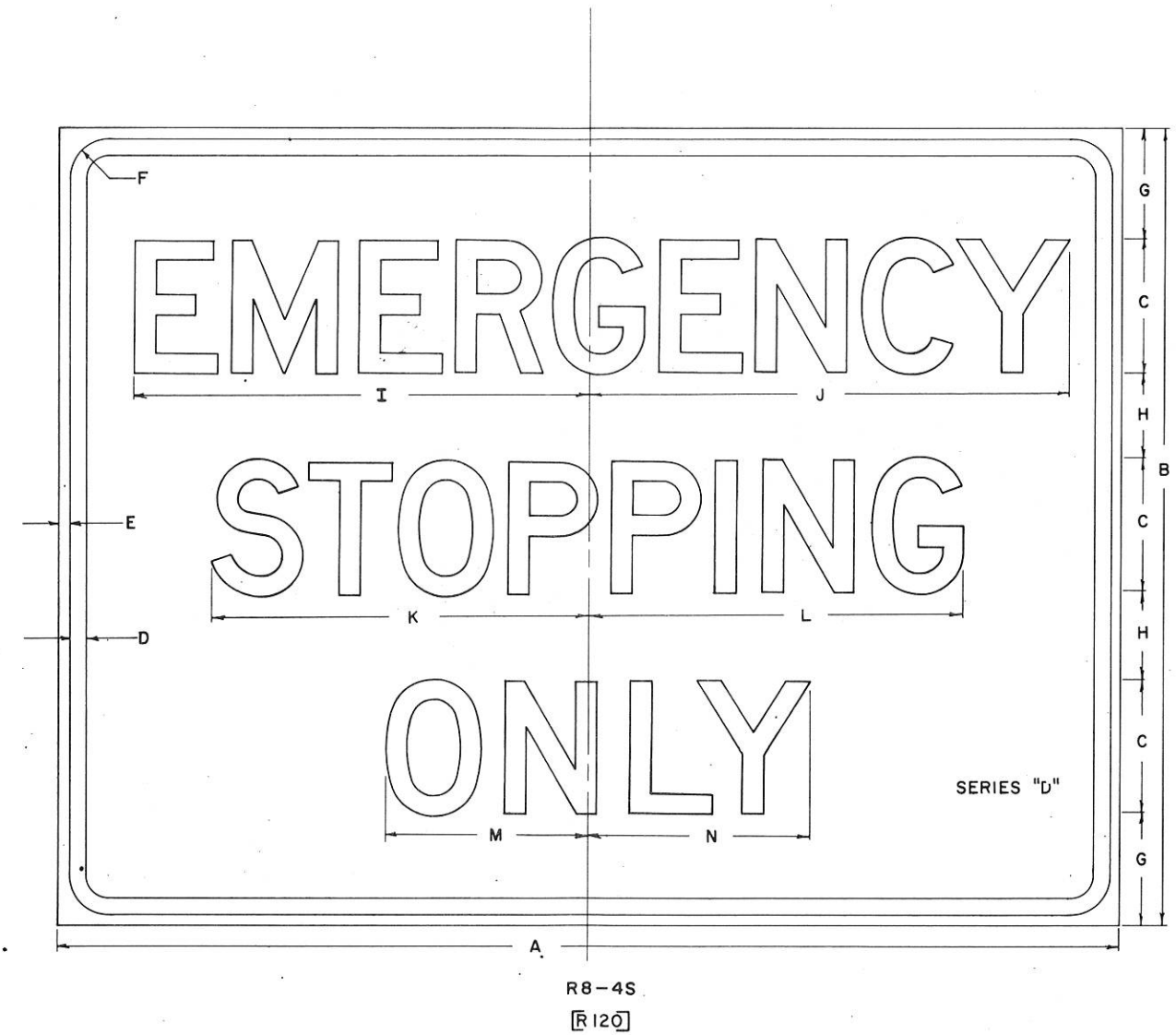
STANDARD SIGN
R6-2

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E.L. Kottger*

DATE 4-2-62 PLATE NO. R6-21

- NOTES:
- Sign is Type II
 - Color:
Background — Reflectorized White
Message — Black
 - Face Material Reflective Sheeting



SIZE	CODE 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
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4	48	36	6	$\frac{3}{4}$	$\frac{1}{2}$	$1\frac{3}{4}$	5	4	21	$21\frac{3}{4}$	$17\frac{1}{16}$	$16\frac{15}{16}$	$9\frac{3}{16}$	10												
Interstate	5	48	36	6	$\frac{3}{4}$	$\frac{1}{2}$	$1\frac{3}{4}$	5	4	21	$21\frac{3}{4}$	$17\frac{1}{16}$	$16\frac{15}{16}$	$9\frac{3}{16}$	10												

STANDARD SIGN
R8-4S

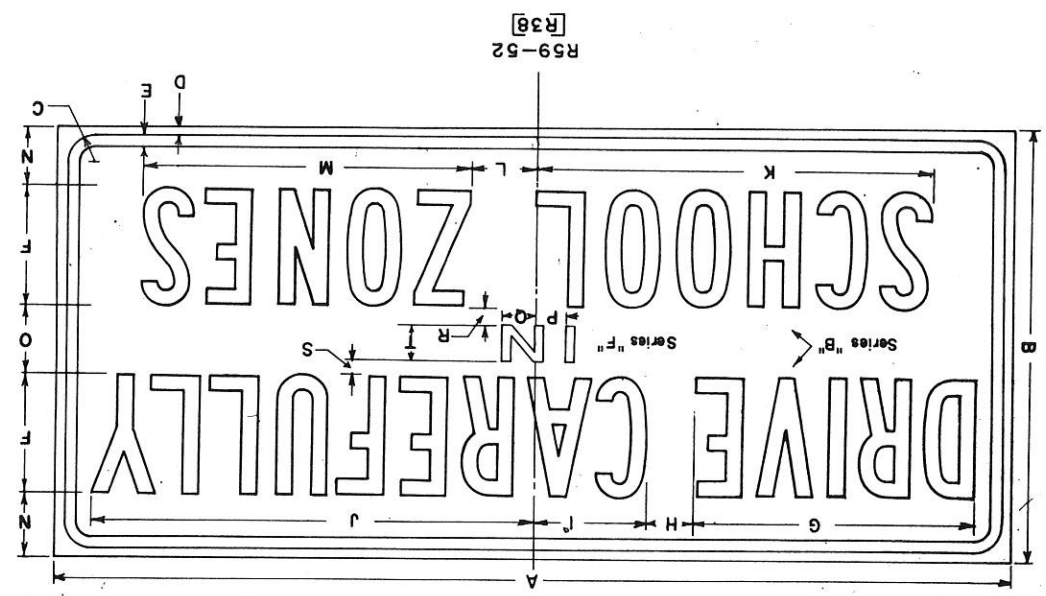
OLD CODE: R120

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E.C. Rostique*

DATE 3-31-65 PLATE NO. R8-4S.2
(Replaces Plate No. R120.1)

NOTES:
 1. Sign is Type II
 2. Color:
 Background — White
 Message — Black
 3. Face Material — Paint

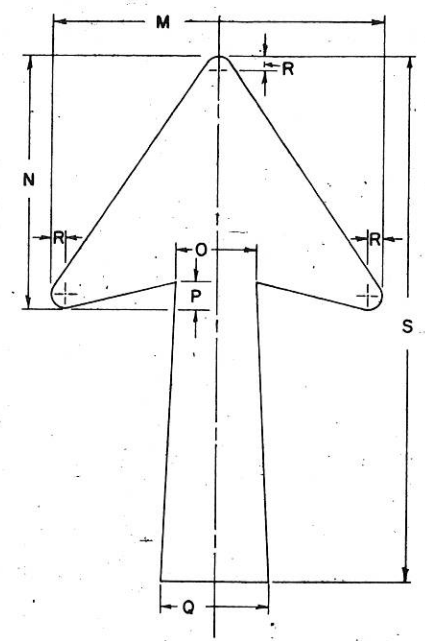
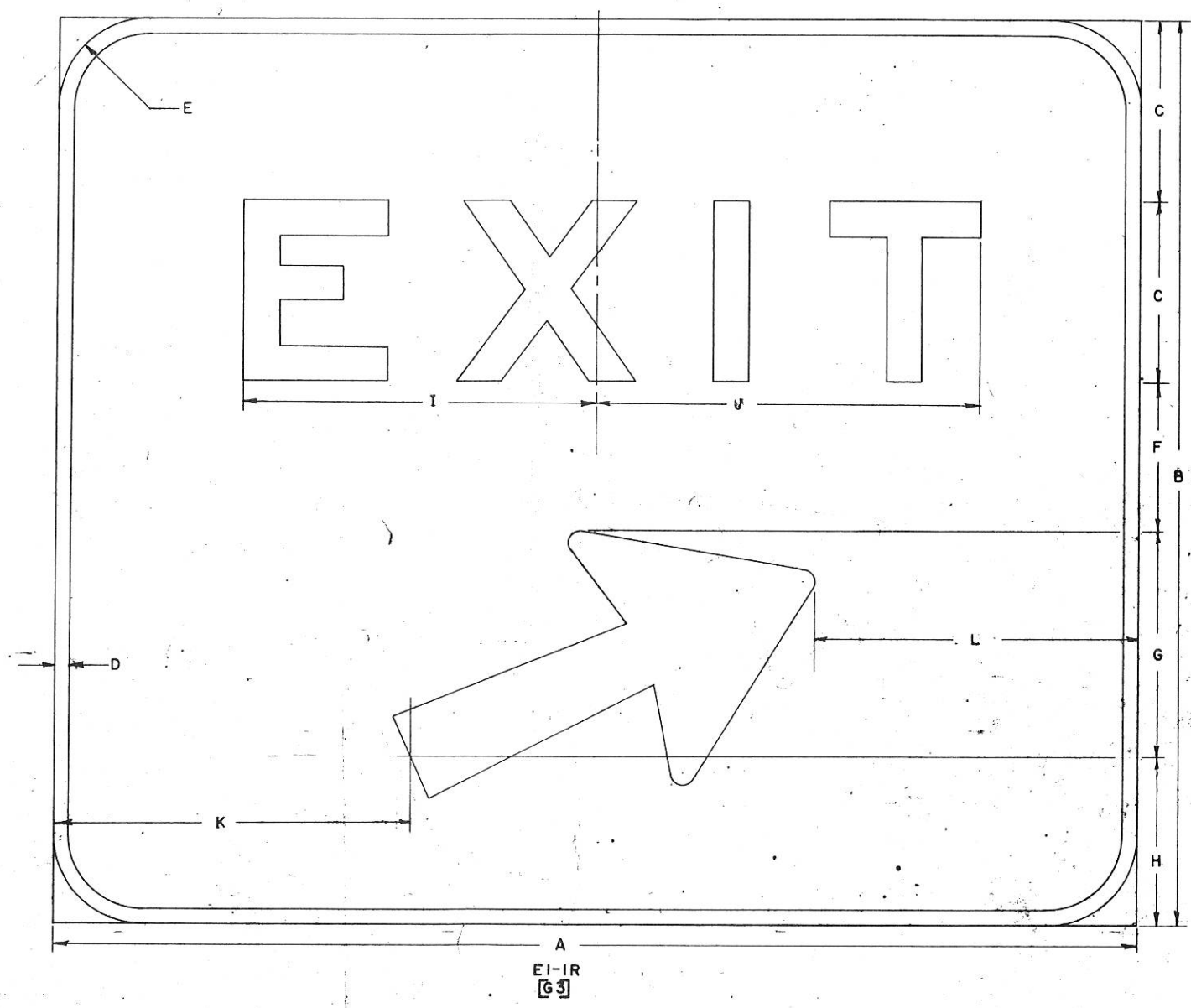


SIZE	CODE	SIZE	Minimum	Standard	Overize	Exp-way	Interstate
A	40	18	18	18			
B	18	18	18	18			
C	18	18	18	18			
D	18	18	18	18			
E	18	18	18	18			
F	18	18	18	18			
G	18	18	18	18			
H	18	18	18	18			
I	18	18	18	18			
J	18	18	18	18			
K	18	18	18	18			
L	18	18	18	18			
M	18	18	18	18			
N	18	18	18	18			
O	18	18	18	18			
P	18	18	18	18			
Q	18	18	18	18			
R	18	18	18	18			
S	18	18	18	18			
T	18	18	18	18			
U	18	18	18	18			
V	18	18	18	18			
W	18	18	18	18			
X	18	18	18	18			
Y	18	18	18	18			
Z	18	18	18	18			

STANDARD SIGN
 R 59-52
 OLD CODE: R38
 STATE HIGHWAY COMMISSION OF WISCONSIN
 APPROVED: *E.L. [Signature]*
 DATE: 8-7-62
 PLATE NO. R59-52.1

R38
 R59-52

- NOTES:
1. Sign is Type III
 2. Color:
Background — ReflectORIZED Green
Message — ReflectORIZED White
 3. Face Material Reflective Sheeting
 4. Arrow Is Standard $16\frac{1}{2} \times 29\frac{1}{4}$ Interstate Design for all sizes.
 5. E1-IL is identical except arrow is reversed to point left.



SIZE	CODE 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
Minimum	1	48	42	8	1	6	9	12	9 $\frac{1}{8}$	5	6	12	3	15 $\frac{1}{8}$	11 $\frac{9}{16}$	3 $\frac{1}{4}$	1 $\frac{1}{2}$		3 $\frac{1}{8}$	24 $\frac{1}{4}$							
Standard	2																										
Oversize	3																										
Exp-way	4	60	48	10	1 $\frac{1}{8}$	6	5 $\frac{7}{8}$	15	7 $\frac{1}{8}$	19 $\frac{3}{8}$	21 $\frac{3}{8}$	17 $\frac{5}{8}$	15 $\frac{1}{2}$	18 $\frac{1}{4}$	14	4 $\frac{1}{2}$	1 $\frac{1}{2}$	6	3 $\frac{3}{4}$	29 $\frac{1}{4}$							
Interstate	5	72	60	12	1 $\frac{1}{8}$	6	9 $\frac{1}{8}$	15	10 $\frac{1}{8}$	22 $\frac{3}{4}$	25 $\frac{3}{8}$	23 $\frac{3}{4}$	21 $\frac{1}{2}$	18 $\frac{1}{4}$	14	4 $\frac{1}{2}$	1 $\frac{1}{2}$	6	3 $\frac{3}{4}$	29 $\frac{1}{4}$							

STANDARD SIGN
E1-1

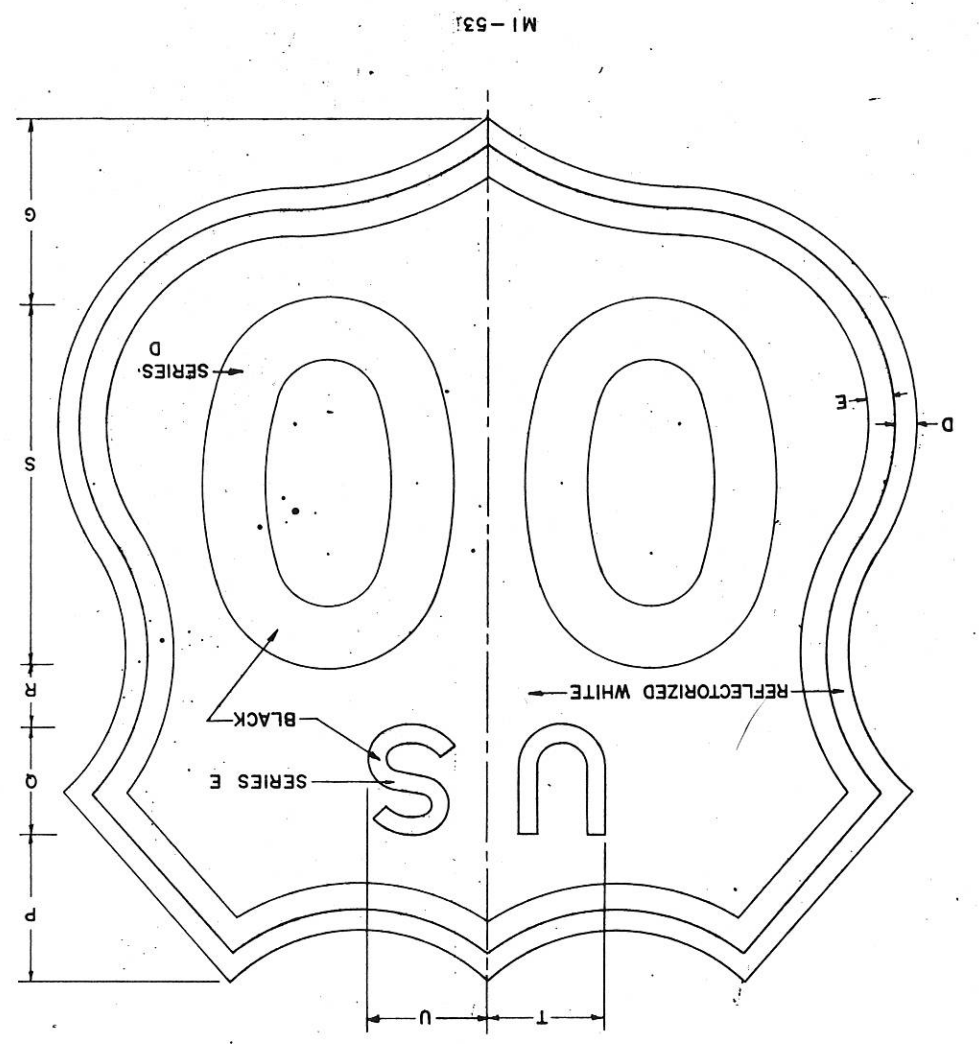
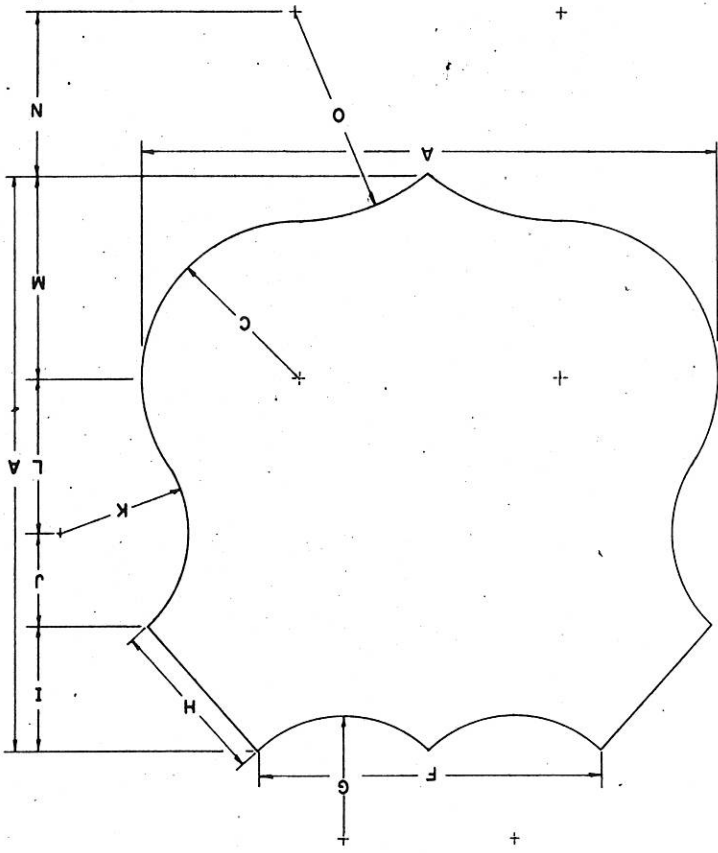
OLD CODE: G-5

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED: *E. L. Porttign*

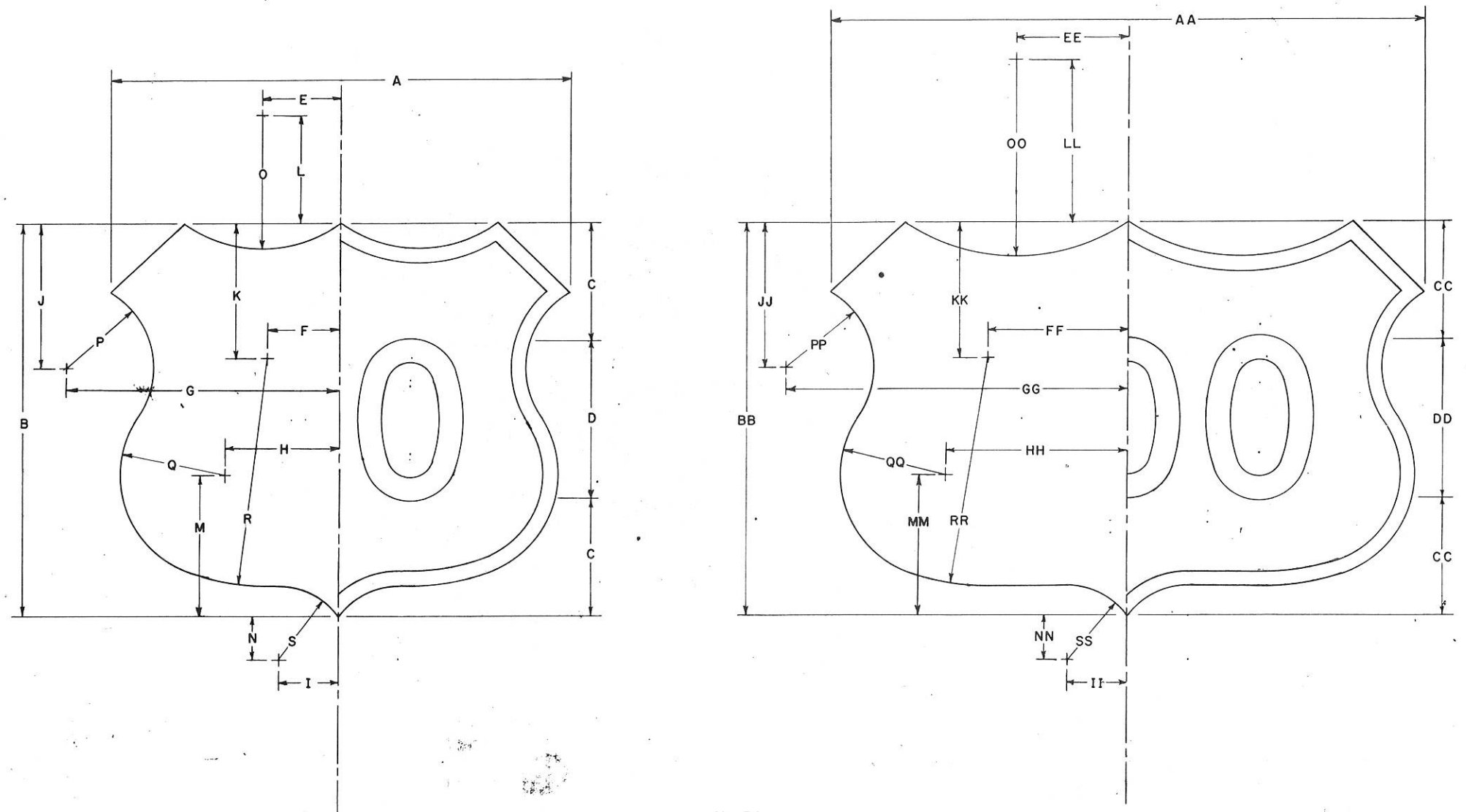
DATE: 6-22-62 PLATE NO. E1-1.2
(Replaces plate No. B3.1)

- NOTES:
1. Sign is Type II
 2. Color:
 - Background — AS NOTED
 - Message — Reflective Sheeting
 3. Face Material — Reflective Sheeting
 4. This drawing may be scaled for Standard size only.
 5. Substitute appropriate numerals and adjust spacing to achieve proper balance.
 6. Route Marker MI-53 for use on or in conjunction with the INTERSTATE HIGHWAY ROUTE MARKERS Only.



SIZE	CODE	Minimum	Standard	Over-size	Exp-way	Interstate
A	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
B	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
C	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
D	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
E	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
F	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
G	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
H	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
I	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
J	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
K	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
L	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
M	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
N	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
O	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
P	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
Q	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
R	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
S	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
T	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
U	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
V	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
W	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
X	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
Y	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16
Z	24	6 9/16	6 9/16	6 9/16	9 27/32	6 9/16

STANDARD SIGN
MI-531
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E.L. Busby*
DATE 1-6-64 PLATE NO. MI-534



MI-54
[M202G]

- NOTES:
1. Sign is Type
 2. Color: Border — White
Background — White
Message — Black
 3. Face Material — Porcelain Enamel
 4. Marker Heads Shown On This Sheet Are For Use On Type I, Type III, & Type IV Signs Only.
 5. Marker Outline & Numerals Shall Be The Same Material As Specified For Message Units On Type IV Signs.
 6. The Marker Shall Consist Of A Flat Non-Corrosive Metal Plate Not Less Than 0.040 Inches Thick Of The Size & Shape Of The Outermost Outline Of The Marker Finished With Porcelain Enamel Of The Required Color On Which Shall Be Mounted The Border & Numerals As Shown In The Drawing.
 7. The Numerals Shall Be Series "E" Black Porcelain Enamel With Acrylic Plastic Reflector Buttons. Substitute Highway Numerals As Shown in Plans For Numerals Shown On This Plate.
 8. Payment For These Marker Heads is included As A Part Of The Type I, Type III, Or Type IV Sign Of Which They Are A Part.

	ONE AND TWO DIGIT MARKERS																	THREE DIGIT MARKERS																				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS
1	22 ⁷ / ₁₆	19 ¹ / ₄	5 ⁵ / ₈	8	3 ¹³ / ₁₆	3 ⁹ / ₁₆	13 ⁵ / ₁₆	5 ⁵ / ₈	2 ¹⁵ / ₁₆	7 ¹ / ₁₆	6 ⁵ / ₁₆	5 ³ / ₁₆	6 ¹⁵ / ₁₆	2 ¹ / ₈	6 ¹ / ₂	4 ¹ / ₄	5 ¹ / ₈	11 ¹ / ₄	3 ⁵ / ₈	28 ¹³ / ₁₆	19 ¹ / ₄	5 ⁵ / ₈	8	5 ⁷ / ₁₆	6 ¹³ / ₁₆	16 ¹ / ₂	8 ¹³ / ₁₆	2 ¹⁵ / ₁₆	7 ¹ / ₁₆	6 ⁵ / ₈	7 ¹⁵ / ₁₆	6 ¹⁵ / ₁₆	2 ³ / ₁₆	9 ⁵ / ₈	4 ¹ / ₄	5 ¹ / ₈	11 ³ / ₁₆	3 ⁵ / ₈
2	28	24	7	10	4 ³ / ₄	4 ³ / ₈	16 ⁵ / ₈	7	3 ⁵ / ₈	8 ¹³ / ₁₆	8 ¹ / ₄	6 ¹ / ₂	8 ¹¹ / ₁₆	2 ¹¹ / ₁₆	8 ¹ / ₈	5 ⁵ / ₁₆	6 ³ / ₈	13 ¹⁵ / ₁₆	4 ¹ / ₂	36	24	7	10	6 ¹³ / ₁₆	8 ³ / ₈	20 ⁵ / ₈	11	3 ⁵ / ₈	8 ¹³ / ₁₆	8 ¹ / ₄	9 ⁷ / ₈	8 ¹¹ / ₁₆	2 ¹¹ / ₁₆	12	5 ⁵ / ₁₆	6 ³ / ₈	13 ¹⁵ / ₁₆	4 ¹ / ₂
3	35	30	9	12	5 ¹⁵ / ₁₆	5 ¹ / ₂	20 ¹³ / ₁₆	8 ³ / ₄	4 ⁹ / ₁₆	11	10 ⁵ / ₁₆	8 ³ / ₁₆	10 ¹³ / ₁₆	3 ⁵ / ₁₆	10 ³ / ₁₆	6 ⁵ / ₈	7 ¹⁵ / ₁₆	17 ³ / ₈	5 ⁵ / ₈	45	30	9	12	8 ⁹ / ₁₆	10 ¹ / ₂	25 ¹³ / ₁₆	13 ³ / ₄	4 ⁹ / ₁₆	11	10 ⁵ / ₁₆	12 ⁵ / ₁₆	10 ¹³ / ₁₆	3 ⁵ / ₁₆	15	6 ⁵ / ₈	7 ¹⁵ / ₁₆	17 ³ / ₈	5 ⁵ / ₈
4	42	36	10 ¹ / ₂	15	7 ¹ / ₈	6 ⁹ / ₁₆	24 ¹⁵ / ₁₆	10 ¹ / ₂	5 ¹ / ₂	13 ³ / ₁₆	12 ³ / ₈	9 ¹³ / ₁₆	13	4	12 ³ / ₁₆	7 ¹⁵ / ₁₆	9 ⁹ / ₁₆	20 ⁷ / ₈	6 ³ / ₄	54	36	10 ¹ / ₂	15	10 ¹ / ₄	12 ⁹ / ₁₆	30 ¹⁵ / ₁₆	16 ¹ / ₂	5 ¹ / ₂	13 ³ / ₁₆	12 ³ / ₈	14 ¹³ / ₁₆	13	4	18	7 ¹⁵ / ₁₆	9 ⁹ / ₁₆	20 ⁷ / ₈	6 ³ / ₄
5	49	42	12	18	8 ⁵ / ₁₆	7 ⁵ / ₈	29 ¹ / ₈	12 ¹ / ₄	6 ³ / ₈	15 ³ / ₈	14 ¹ / ₂	11 ⁷ / ₁₆	15 ³ / ₁₆	4 ¹¹ / ₁₆	14 ¹ / ₄	9 ⁵ / ₁₆	11 ¹ / ₈	24 ³ / ₈	7 ⁷ / ₈	63	42	12	18	11 ¹³ / ₁₆	14 ⁵ / ₈	36 ¹ / ₈	19 ¹ / ₄	6 ³ / ₈	15 ³ / ₈	14 ¹ / ₂	17 ¹ / ₄	15 ³ / ₁₆	4 ¹¹ / ₁₆	21	9 ⁵ / ₁₆	11 ¹ / ₈	24 ³ / ₈	7 ⁷ / ₈

U.S. ROUTE MARKER MI-54
FOR LARGE GUIDE SIGNS
 [OLD CODE NO. M202G]

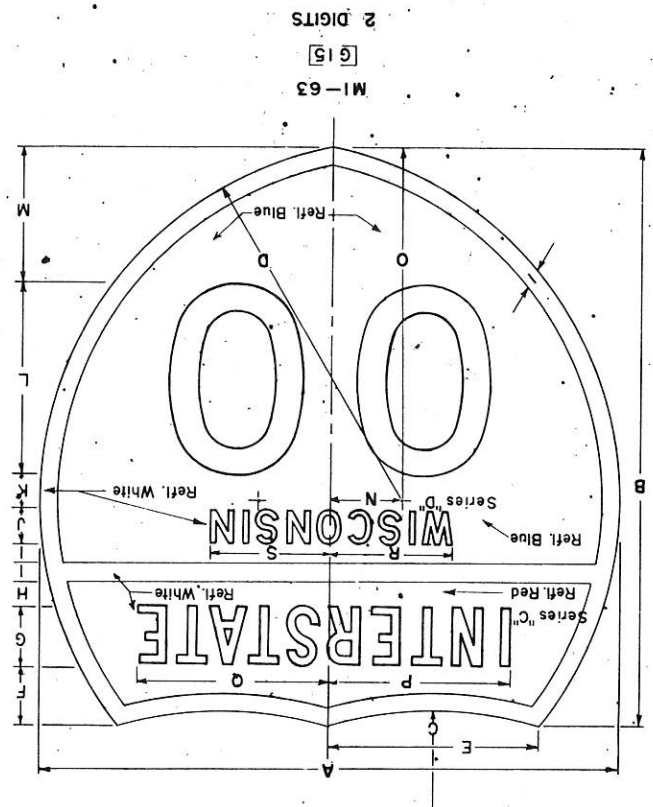
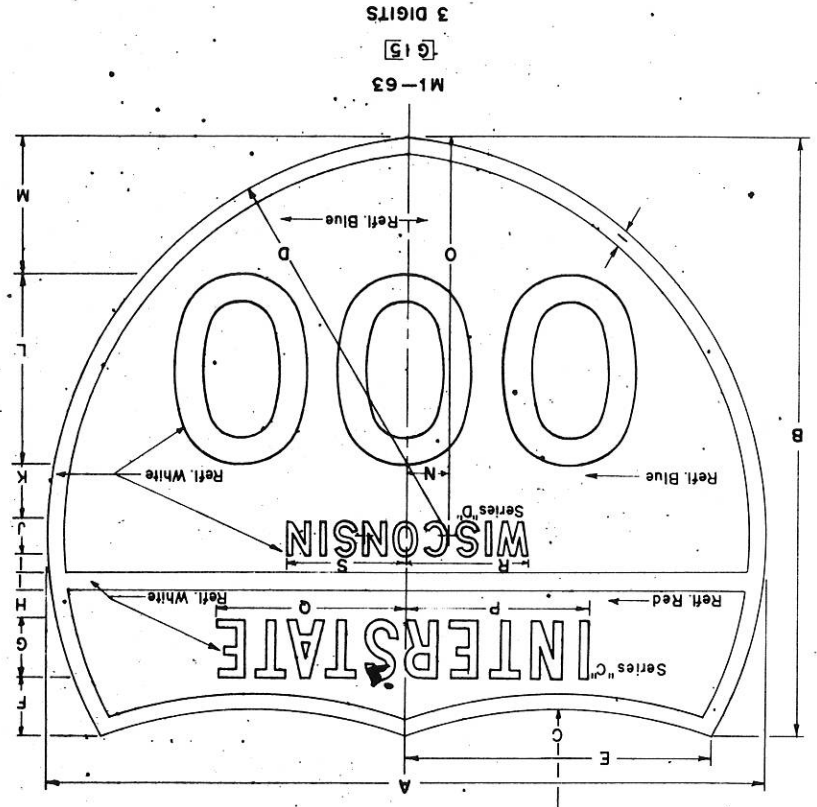
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Postiglione*
 DATE 6-10-63 PLATE NO. MI-54.3
 (REPLACES PLATE NO. M202G.2)

NOTES:

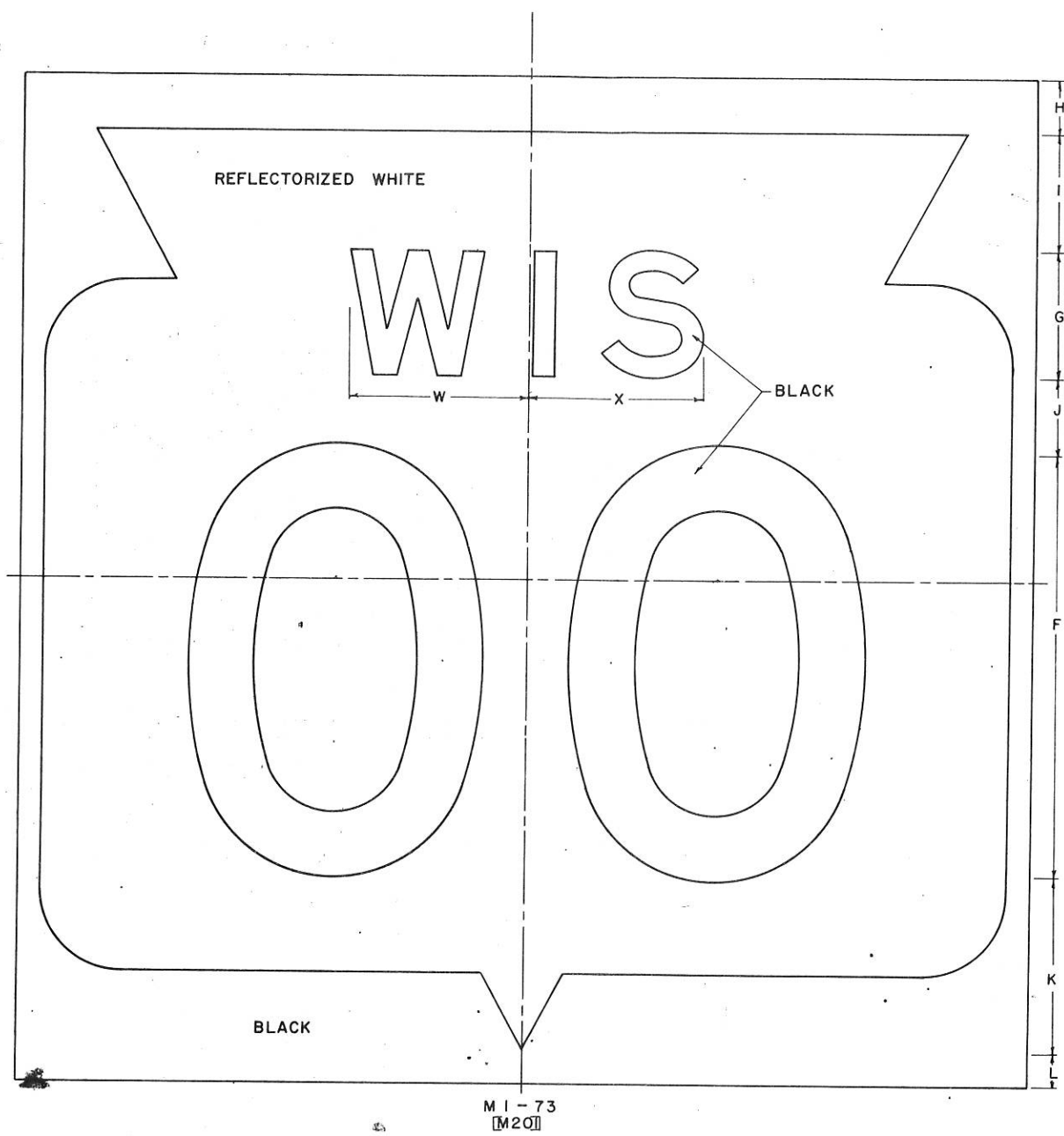
1. Sign is Type II
2. Color:
3. Face Material: Reflective Sheeting
4. Route Marker To Be Cut-Out Shield
5. All Route Numerals Series "D"
6. Substitute Appropriate Numerals & Adjust Spacing To Achieve Proper Balance
7. Route Markers Employing "6" Numerals Shall Use "3 DIGIT" Design Only

Background — As Noted At Left
 Message —

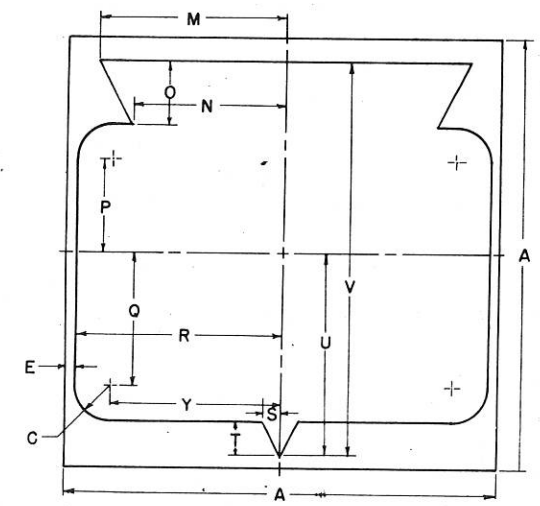


SIZE	No. of DIGITS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
6" NUMERALS	2 & 3 DIGITS	21	18	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
8" NUMERALS	2 DIGITS	24	24	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
8" NUMERALS	3 DIGITS	30	28	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
12" NUMERALS	2 DIGITS	36	36	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
12" NUMERALS	3 DIGITS	42	36	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

INTERSTATE ROUTE MARKER
 MI-63 FOR ASSEMBLIES
 OLD CODE 615
 STATE HIGHWAY COMMISSION OF WISCONSIN
 APPROVED: *E. J. [Signature]*
 DATE 8-2-63 PLATE NO. MI-63A



- NOTES:
1. Sign is Type II
 2. Color:
 - Background — AS NOTED
 - Message — AS NOTED
 3. Face Material — Reflective Sheeting
 4. Series D for 2 and 3 Numerals
Series E for 1 Numeral
 5. Substitute Appropriate Numerals & Adjust Spacing to Achieve Proper Balance.
 6. When required MI-73 Y shall have a reflectorized Yellow background and black message and shall be used only with components of the same yellow background and message. The suffix letter, Y, to the code indicates a yellow background, for use only on Business Routes.



SIZE	CODE 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
Minimum	1	24		1 15/16		9/16	10	3	5/16	2 13/16	7/8	4 5/16	13/16	10 5/16	8 3/8	3 9/16	5 3/16	7 7/16	11 7/16	1	1 13/16	11 3/16	21 7/8	4 1/4	4 1/8	9 1/2	
Standard	2	24		1 15/16		9/16	10	3	5/16	2 13/16	7/8	4 5/16	13/16	10 5/16	8 3/8	3 9/16	5 3/16	7 7/16	11 7/16	1	1 13/16	11 3/16	21 7/8	4 1/4	4 1/8	9 1/2	
Oversize	3	24		1 15/16		9/16	10	3	5/16	2 13/16	7/8	4 5/16	13/16	10 5/16	8 3/8	3 9/16	5 3/16	7 7/16	11 7/16	1	1 13/16	11 3/16	21 7/8	4 1/4	4 1/8	9 1/2	
Exp-way	4	36		2 7/8		7/8	16	4	1 7/8	3 7/8	2 5/8	6 9/16	1 1/8	15 3/8	12 9/16	5 5/16	7 15/16	11 8/16	17 1/8	1 1/2	2 7/8	16 7/8	33	5 11/16	5 1/2	14 1/4	
Interstate	5	24		1 15/16		9/16	10	3	5/16	2 13/16	7/8	4 5/16	13/16	10 5/16	8 3/8	3 9/16	5 3/16	7 7/16	11 7/16	1	1 13/16	11 3/16	21 7/8	4 1/4	4 1/8	9 1/2	

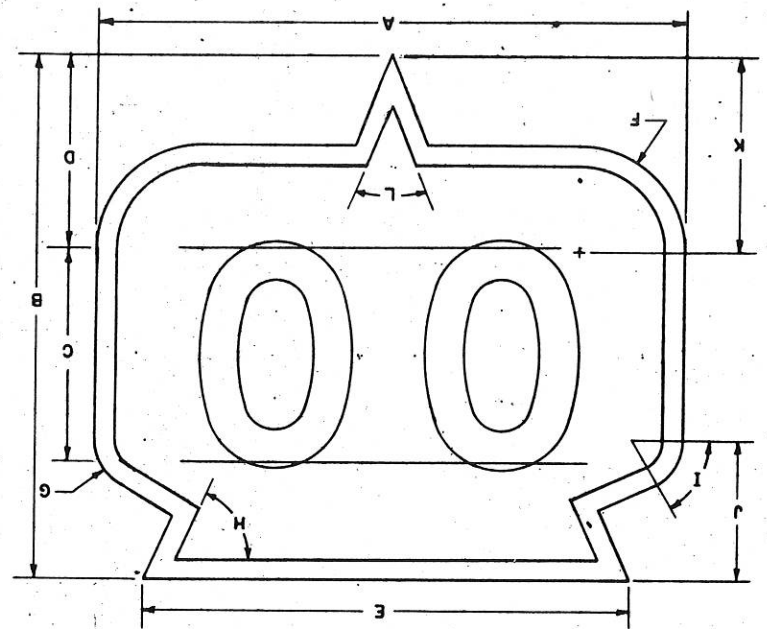
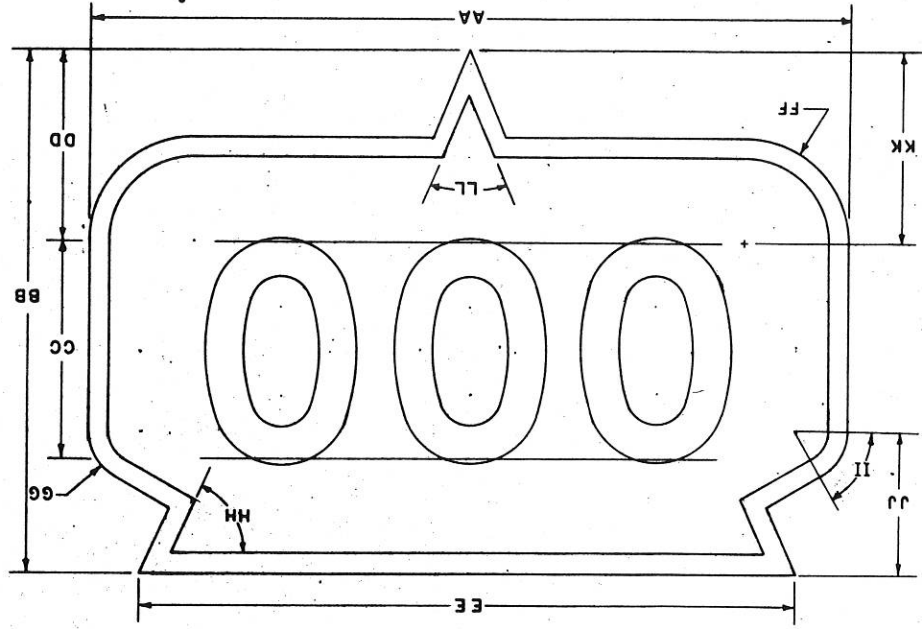
STANDARD SIGN
MI-73
[LD CODE: M20]

STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Pattig*
DATE 1-6-64 PLATE NO. MI-73.4

NOTES:

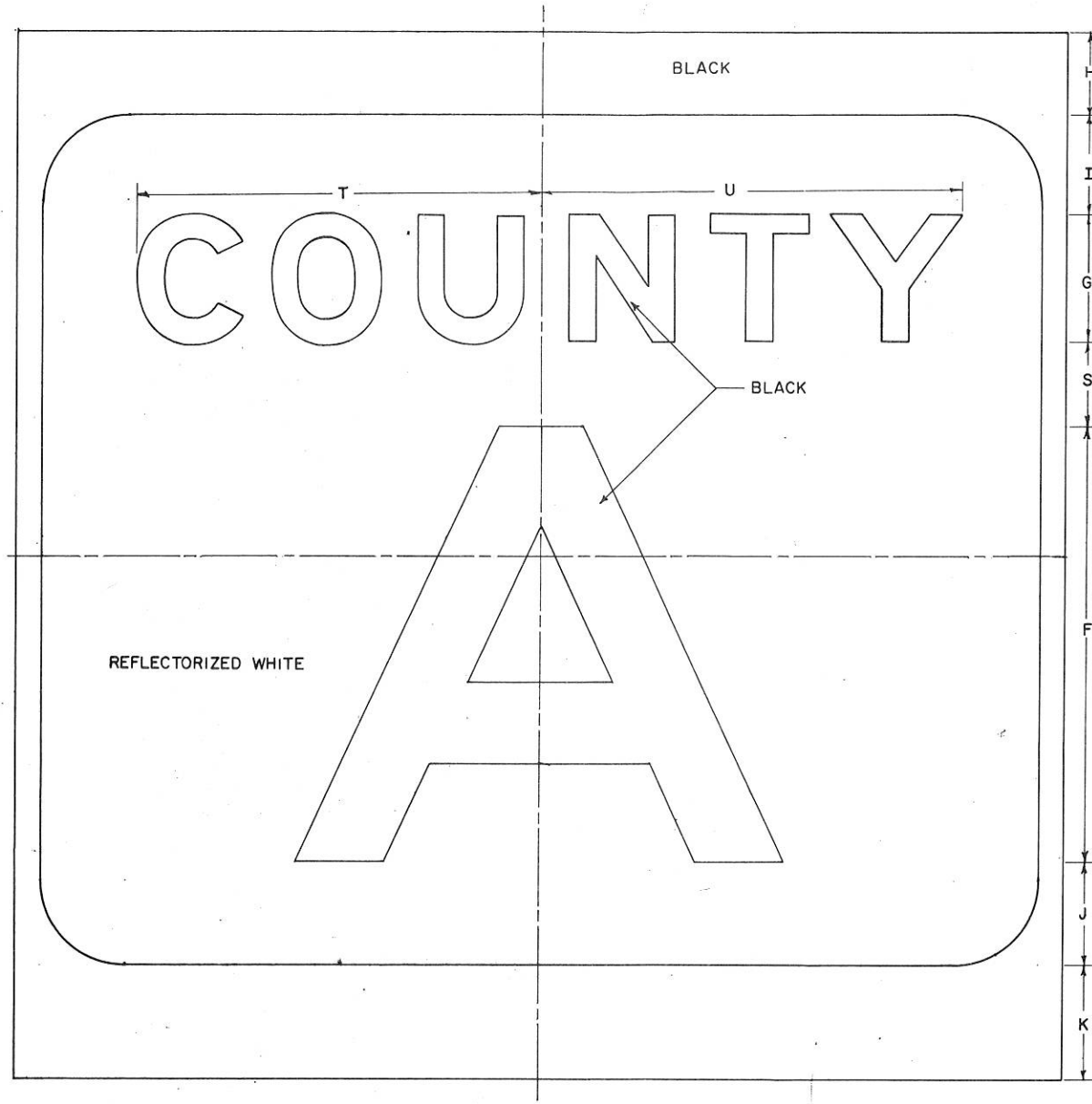
1. Sign is Type —
2. Color: Border—White
Background—White
Message — Black
3. Face Material—Porcelain Enamel
4. Marker Heads Shown On This Sheet Are For Use On Type I, Type III, & Type IX Signs Only.
5. Marker Outline & Numerals Shall Be The Same Material As Specified For Message
- Units On Type IX Signs.
6. The Marker Shall Consist Of A Flat Non-Corrosive Metal Plate Not Less Than 0.040 inches Thick Of The Size & Shape Of The Outermost Outline Of The Marker Finished With Porcelain Enamel Of The Required Color On Which Shall Be Mounted The Border & Numerals As Shown In The Drawing.
7. The Numerals Shall Be Series "E" Black Porcelain Enamel With Acrylic Plastic Reflector Buttons. Substitute Highway Numerals As Shown In Plans For Numerals Shown On This Plate.
8. Payment For These Marker Heads is Included As A Part Of The Type I, Type III, Or Type IX Sign Of Which They Are A Part.



M1-54
[M201G]

CODE SIZE	TWO DIGIT MARKERS										THREE DIGIT MARKERS													
	A	B	C	D	E	F	G	H	I	J	K	L	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL
1	24 3/8	22 1/8	22 1/8	19 7/8	19 1/2	19 1/2	19 1/2	19 1/2	19 1/2	19 1/2	19 1/2	44	44	44	44	44	44	44	44	44	44	44	44	44
2	32 3/8	29 1/4	29 1/4	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	44	44	44	44	44	44	44	44	44	44	44	44	44
3	32 3/8	29 1/4	29 1/4	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	27 1/2	44	44	44	44	44	44	44	44	44	44	44	44	44
4	42 3/8	36 1/8	36 1/8	32 1/2	32 1/2	32 1/2	32 1/2	32 1/2	32 1/2	32 1/2	32 1/2	44	44	44	44	44	44	44	44	44	44	44	44	44
5	48 3/8	43 1/8	43 1/8	39 1/2	39 1/2	39 1/2	39 1/2	39 1/2	39 1/2	39 1/2	39 1/2	44	44	44	44	44	44	44	44	44	44	44	44	44

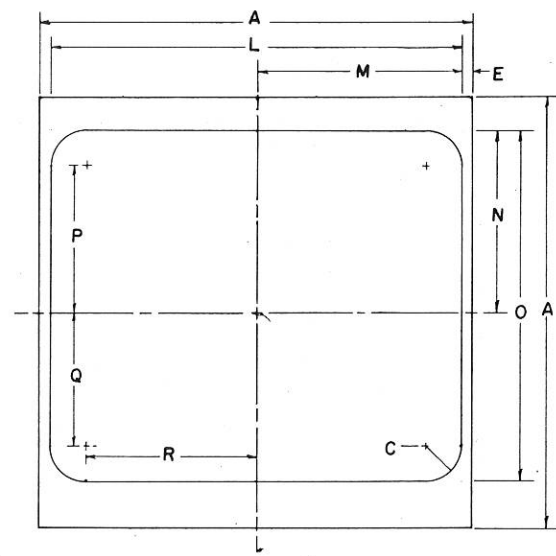
STATE MARKER M1-74
FOR LARGE GUIDE SIGNS
[OLD CODE NO. M201G]
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E. J. Barry*
DATE 5-20-63 PLATE NO. M1-74.3
(REPLACES PLATE NO. M201G.2)



MI-83
[M204]

NOTES:

1. Sign is Type II
2. Color:
 - Background — As Noted
 - Message —
3. Face Material Reflective Sheeting
4. One Letter Series F
Two Letters Series D
Three Letters Series Varies
5. When required, MI-83Y Shall Have ReflectORIZED Yellow Background and Black Message, and Shall be only used with Components of the Same Yellow Background and Message. The Suffix Letter Y to the Code Indicates Yellow Background, for Use on Business Routes Only.



6. Routes Having One Letter shall Center it in the Shield. Routes Having Two Letters or More Shall Require Adjustments in Spacing to Achieve Proper Balance.

SIZE	CODE 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
Minimum	1	18		15/32		7/16	8	2	13/32	1 9/16	1 9/16	1 31/32	17 1/8	8 9/16	7 19/32	14 5/8	6 1/8	5 9/16	7 3/32	1 17/32	6 1/8	6 3/32					
Standard	2	24		1 5/16		9/16	10	3	1 7/8	2 1/4	2 1/2	2 5/8	22 7/8	11 7/16	10 1/8	19 1/2	8 3/16	7 7/16	9 1/2	1 7/8	9 3/16	9 3/8					
Oversize	3	24		1 5/16		9/16	10	3	1 7/8	2 1/4	2 1/2	2 5/8	22 7/8	11 7/16	10 1/8	19 1/2	8 3/16	7 7/16	9 1/2	1 7/8	9 3/16	9 3/8					
Exp-way	4	36		2 5/16		7/8	16	4	2 13/16	2 7/8	3 3/4	3 15/16	34 1/4	17 1/8	15 3/16	29 1/4	12 1/4	11 1/8	14 3/16	2 5/8	12 1/4	12 13/16					
Interstate	5	24		1 5/16		9/16	10	3	1 7/8	2 1/4	2 1/2	2 5/8	22 7/8	11 7/16	10 1/8	19 1/2	8 3/16	7 7/16	9 1/2	1 7/8	9 3/16	9 3/8					

STANDARD SIGN
MI-83

[OLD CODE: M204]

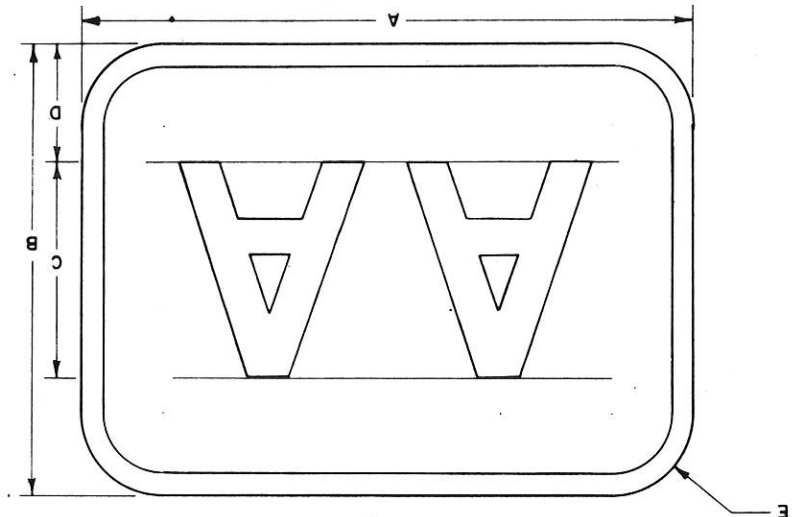
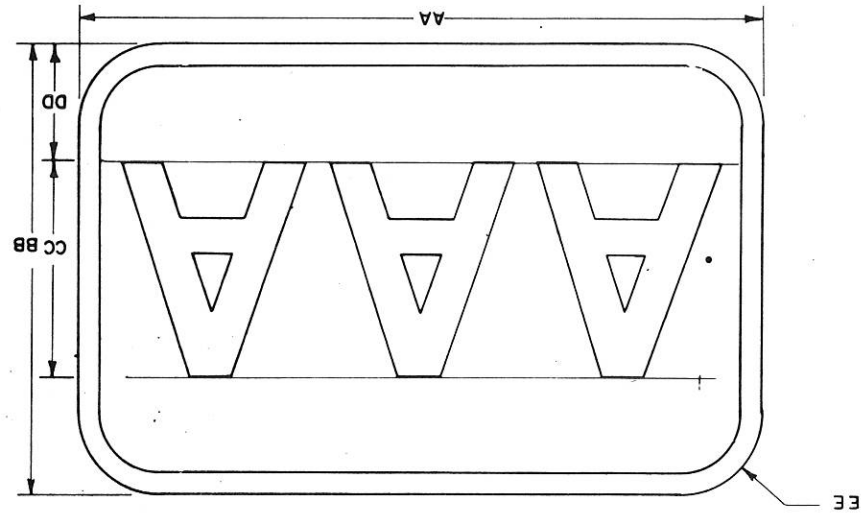
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Barthel*

DATE *11-6-64* PLATE NO. *MI-83.4*

COUNTY MARKER MI-84
FOR LARGE GUIDE SIGNS
[OLD CODE NO. M2046.1]
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E.C. Kuehn*
DATE 1-6-67 PLATE NO. MI-84.52
(REPLACES PLATE NO. M2046.1)

- NOTES:
1. Sign is Type-
 2. Color: Border—White
Background—White
Message — Black
 3. Face Material— Porcelain Enamel
 4. Marker Heads Shown On This Sheet Are For Use On Type I, Type III, & Type IV Signs Only.
 5. Marker Outline & Numerals Shall Be The Same Material As Specified For Message Units On Type IV Signs.
 6. The Marker Shall Consist Of A Flat Non-Corrosive Metal Plate Not Less Than 0.040 Inches Thick Of The Size & Shape Of The Outermost Outline Of The Marker Finished With Porcelain Enamel Of The Required Color On Which Shall Be Mounted The Border & Numerals As Shown In The Drawing.
 7. The Numerals Shall Be Series "E" Block Porcelain Enamel With Acrylic Plastic Reflector Buttons. Substitute Highway Numerals As Shown In Plans For Numerals Shown On This Plate.
 8. Payment For These Marker Heads Is Included As A Part Of The Type I, Type III, Or Type IV Sign Which They Are A Part Of.



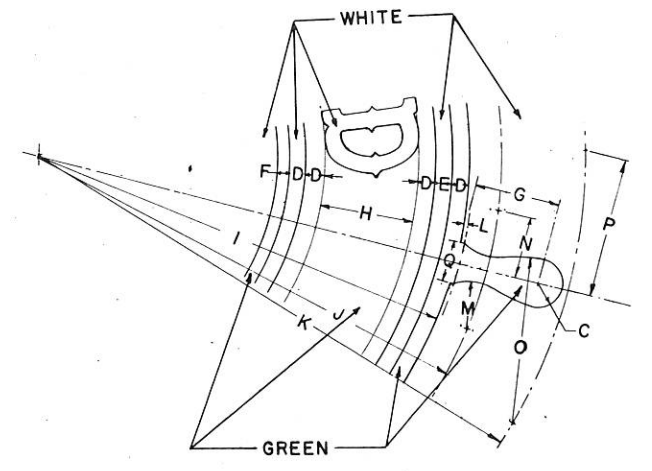
MI-84
[M2046]

CODE SIZE	A	B	C	D	E	AA	BB	CC	DD	EE
1	23 3/4	16 1/8	8	4 3/8	2 7/8	28 9/16	16 9/16	8	4 3/8	2 7/8
2	28 9/16	20 7/8	10	5 1/8	2 7/8	33 5/8	20 1/8	10	5 1/8	2 7/8
3	34 1/2	24 15/16	12	6 3/8	2 7/8	38 1/8	24 13/16	12	6 3/8	2 7/8
4	41 3/4	29 3/4	15	7 3/8	2 7/8	43 1/8	29 3/4	15	7 3/8	2 7/8
5	47 3/4	39 3/4	18	10 1/2	2 7/8	48 1/8	39 3/4	18	10 1/2	2 7/8



MI-96

- NOTES:
1. Sign is Type 11
 2. Color:
 - Background —
 - Message — As Noted Below
 3. Face Material Reflective Sheeting
 4. Center of Symbol Coincides with Center of Panel.
 5. Background of Panel, the First Inner Ring, the Lettering "GREAT RIVER ROAD WISCONSIN", the Second Inner Ring, the Background for the River Scene Including the Exterior Frame Work of the Boat, for the First & Second Decks shall be ReflectORIZED White.
 6. Wheel Symbol, the Background or Field for Words "GREAT RIVER ROAD WISCONSIN", the Third Inner Ring, Stacks, Masts, Wheel House, Roof Outline, Window Shadows, Hull of Boat, Shadow of Boat & Smoke, and Land in Background Shall be ReflectORIZED Green.
 7. This Drawing May Be Scaled For Standard Size Only.
 8. M2-M3-M4 & M6 Components which are to be used with GREAT RIVER ROAD route markers shall be identical to those which are black on white (reflective) except the message shall be reflective green and they shall not have borders.



SIZE	CODE 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
Minimum	1	24		1/2	5/16	3/8	1/4	1 3/4	2	8 15/16	9 5/8	11 5/16	3 3/32	15/16	1 1/4	3 7/16	2 31/32	7/8									
Standard	2	24		1/2	5/16	3/8	1/4	1 3/4	2	8 15/16	9 5/8	11 5/16	3 3/32	15/16	1 1/4	3 7/16	2 31/32	7/8									
Oversize	3																										
Exp-way	4	36		3/4	1/2	9/16	3/8	2 9/32	3	13 1/2	14 9/32	16 15/16	1 1/8	1 3/8	1 7/8	5 3/32	4 11/32	1 1/2									
Interstate	5																										

STANDARD SIGN
MI-96

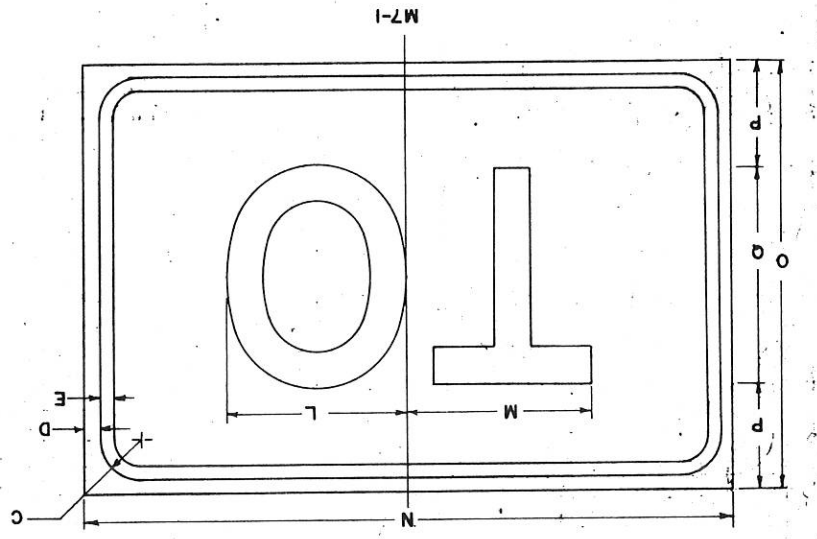
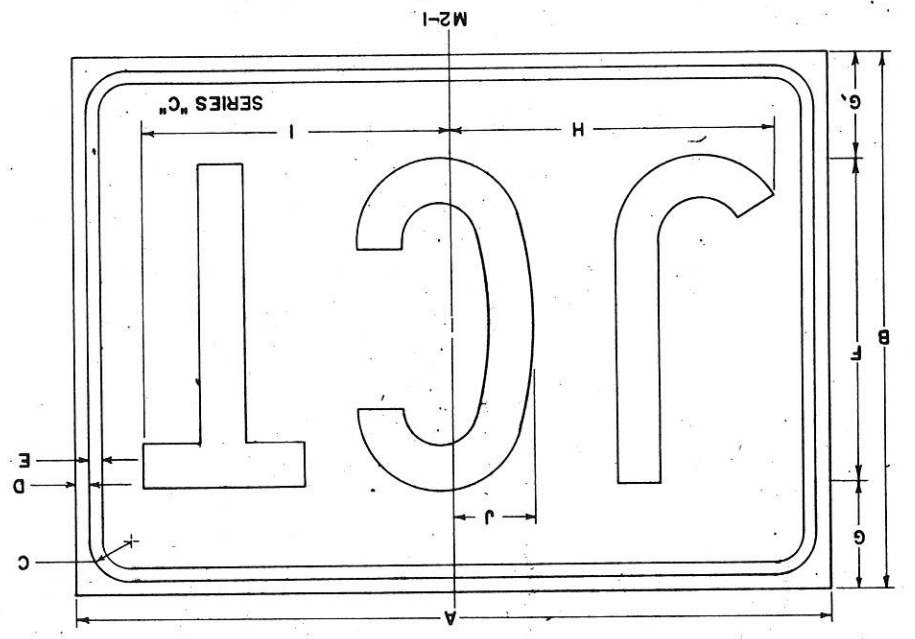
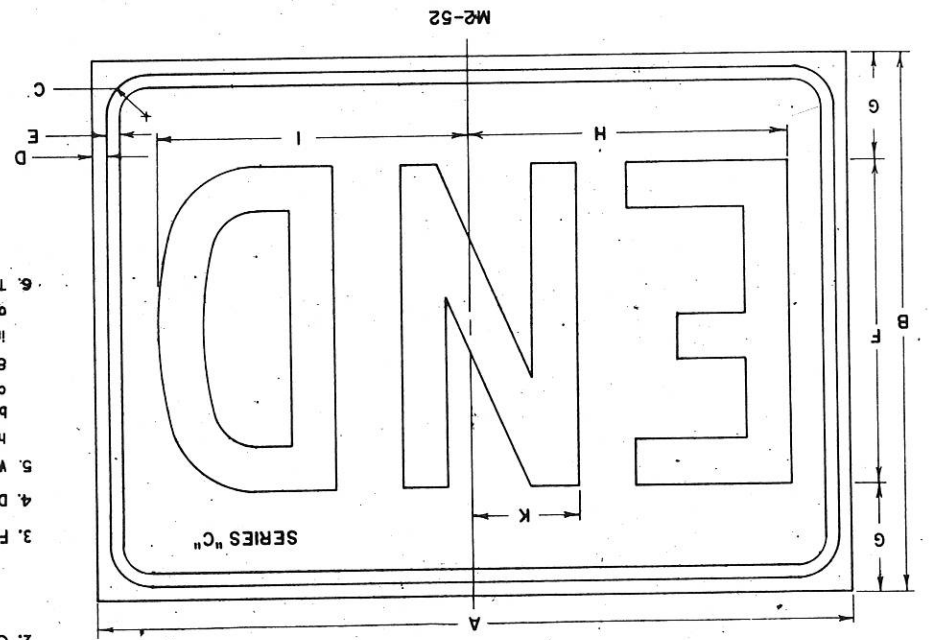
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *C. L. Koeltgen*

DATE *3-31-65* PLATE NO. *MI-96.2*

NOTES:

1. Sign is Type II
2. Color:
Background — ReflectORIZED White
Message — Black
3. Face Material — Reflective Sheeting
4. Dimensions L-Q Refer to M7-1 Only
5. When required, M2-1 Y & M2-52 Y Shall have reflectORIZED Yellow backgrounds & black messages & shall be used only with components of the same yellow backgrounds & messages. The suffix letter, Y, to the code indicates a Yellow background, for use only on Business Routes.
6. This drawing may be scaled for standard size only.



SIZE	CODE	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
1	16	11	18	18	12	3	6	6	15	13	2.5	5	5	5	18	12	3	6									
2	21	15	21	21	15	3	9	3	15	13	2.4	3	5	5	18	12	3	6									
3																											
4	30	21	30	30	21	3	13	4	27	12	3.1	3	5	5	18	12	3	6									
5																											

STANDARD SIGNS
M2-1, M2-52 & M7-1

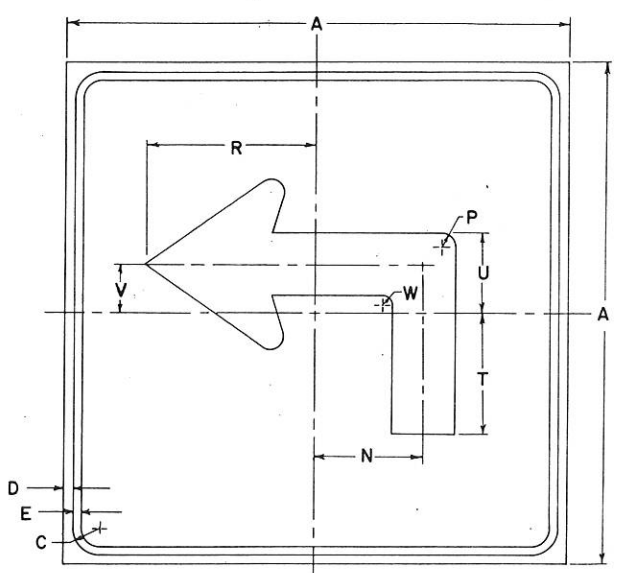
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. Y. Long*

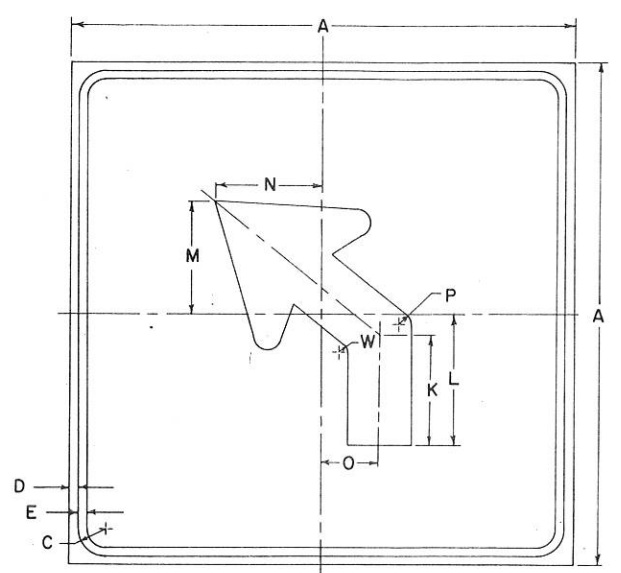
DATE 12-15-64 PLATE NO. M2-1-2

(Replaces Old Plate No. M2-61-1 & M2-61B-1)

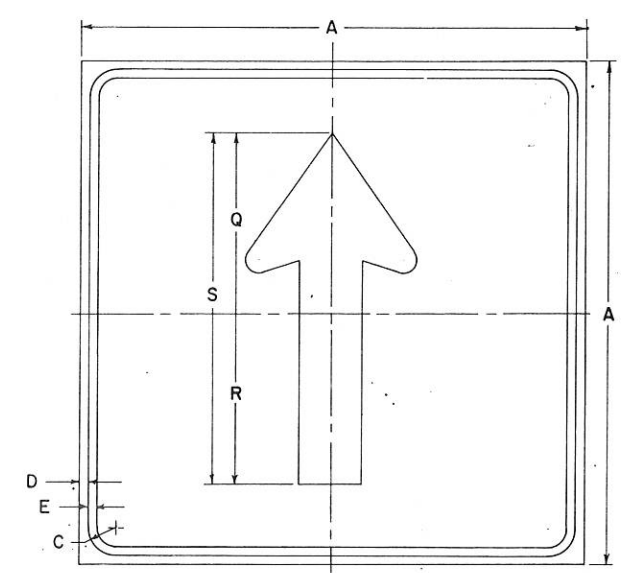
- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized White
Message — Black
 3. Face Material Reflective Sheeting
 4. M3-5 Same as M3-1 Except Arrow Points Right.
 5. M3-4 Same as M3-2 Except Arrow Tilts Right.
 6. Signs M3-1Y Thru M3-5Y Shall Have a Reflectorized "Yellow" Background & Black Message & Shall Be Used With Components of the Same Yellow Background & Message. The Suffix Letter, "Y", to the Code Indicates a Yellow Background, for use Only on Business Routes.



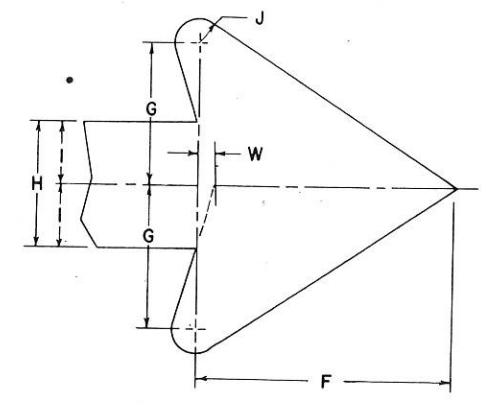
M3-1
[M203]



M3-2
[M203]



M3-3
[M203]



SIZE	CODE 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	
Minimum	1	16		1/8	3/8	3/8	4	2 9/32	2	1	3/8	3 9/16	4 5/32	3 5/8	3 7/16	1 27/32	7/16	5 23/32	5 13/32	11/8	3 27/32	2 9/16	1 9/16	9/32				
Standard	2	21		1/8	3/8	3/8	5 1/4	3	2 5/8	1 5/16	1/2	4 11/16	5 7/16	4 3/4	4 1/2	2 7/16	9/16	7 1/2	7 1/8	14 5/8	5 1/16	3 3/8	2 1/16	3/8				
Oversize	3																											
Exp-way	4	30		1 3/8	1/2	5/8	7 1/2	4 9/32	3 3/4	1 7/8	27/32	6 1/16	7 3/4	6 25/32	6 7/16	3 1/2	13/16	10 11/16	10 3/16	20 7/8	7 1/4	4 13/16	2 15/16	17/32				
Interstate	5																											

STANDARD SIGN
M3-1

[OLD CODE: M203]

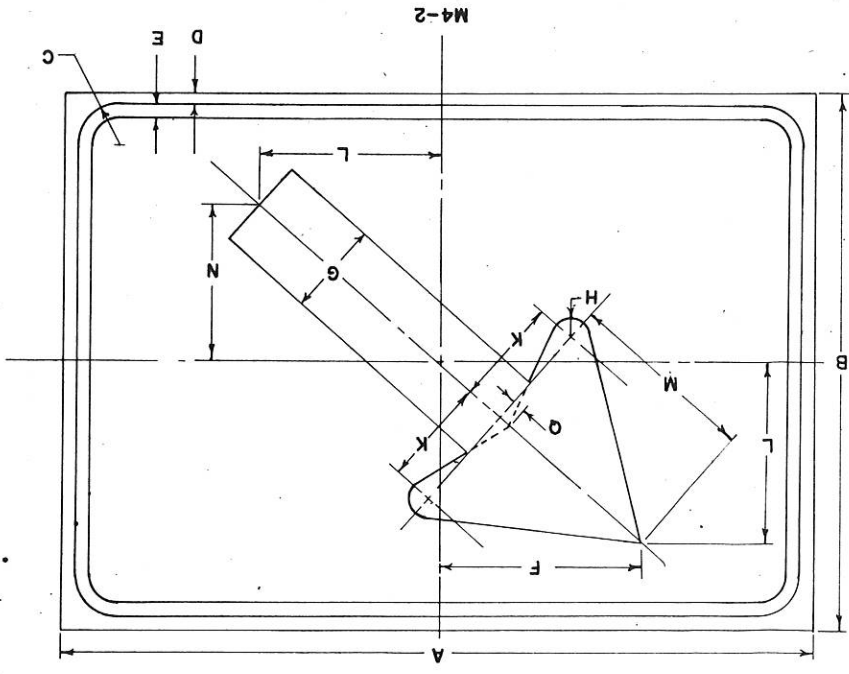
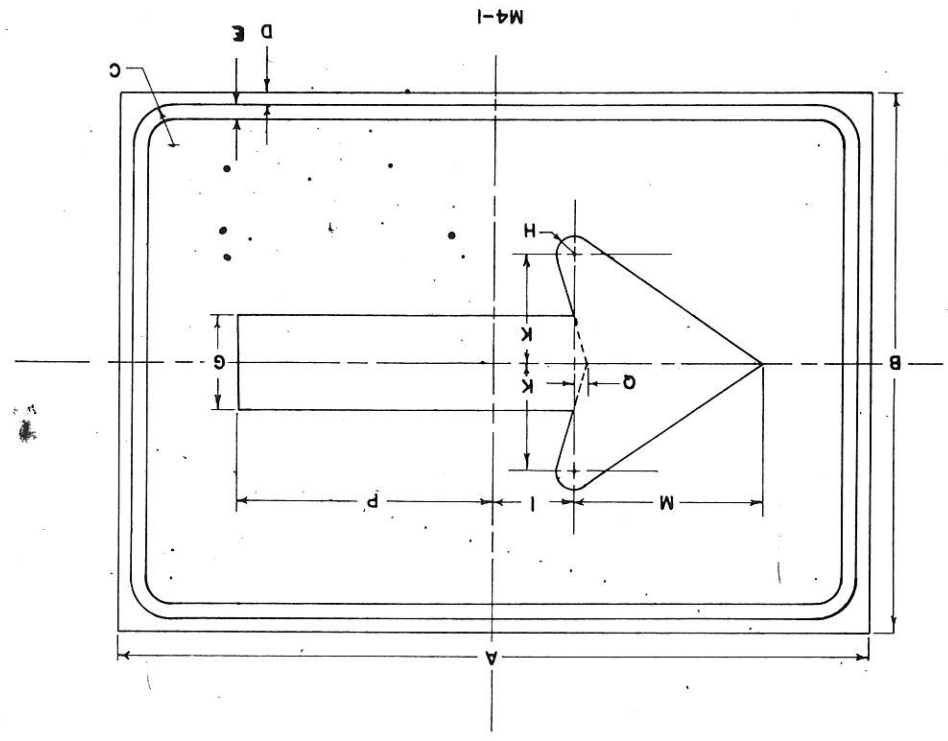
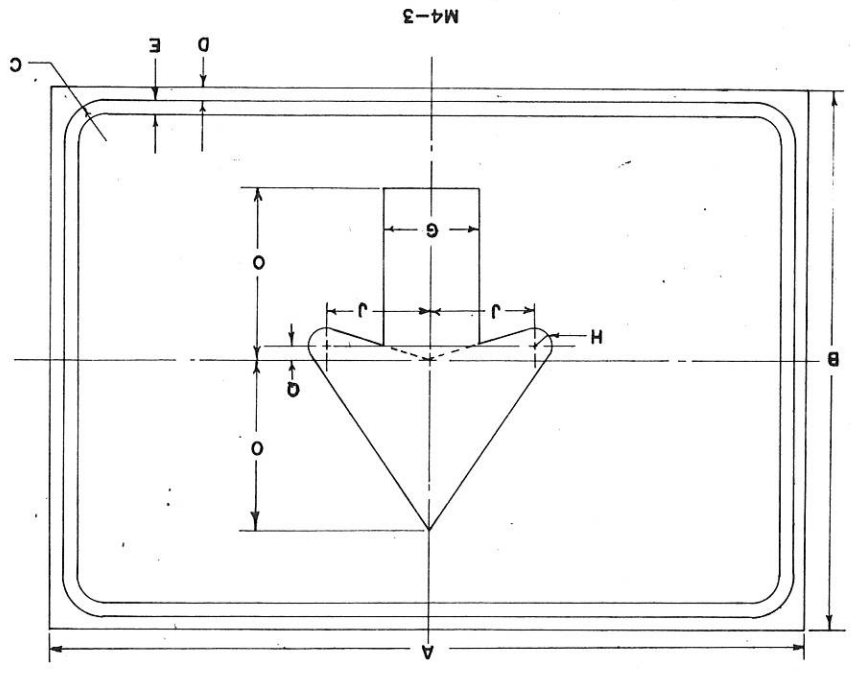
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED *E. L. Rutledge*

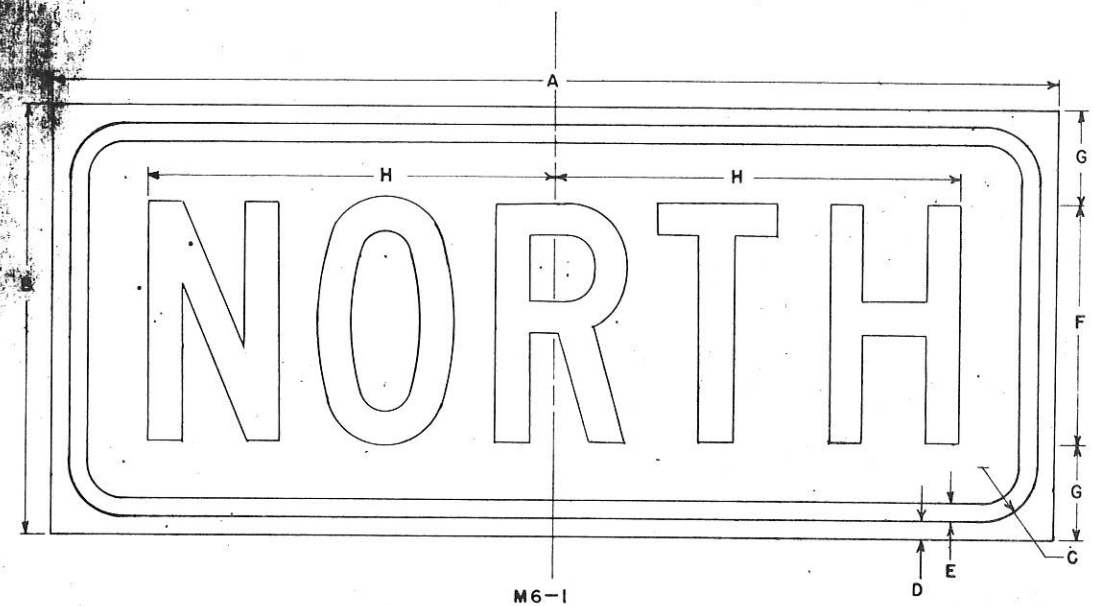
DATE 9-16-63 PLATE NO. M3-1.1

STANDARD SIGNS
M4-1 THRU M4-5
STATE HIGHWAY COMMISSION OF WISCONSIN
APPROVED *E. J. Ruppberg*
DATE 9-17-66 PLATE NO. M4-1

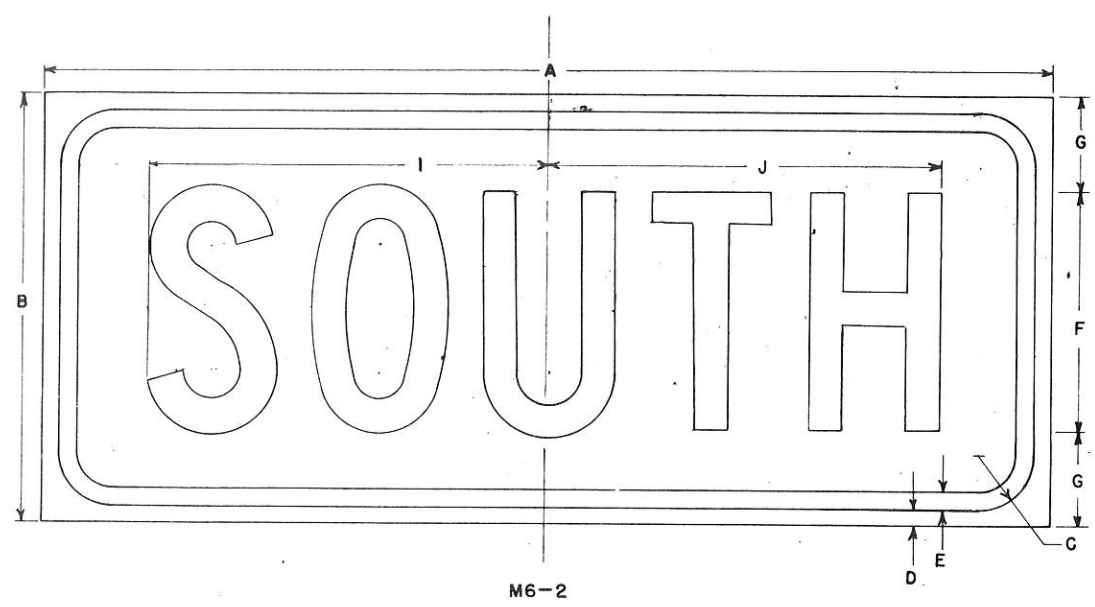
SIZE	CODE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
Minimum	1	16	11	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	
Standard	2	21	15	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	
Overize	3																											
Exp-way	4	30	21	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	
Interstate	5																											



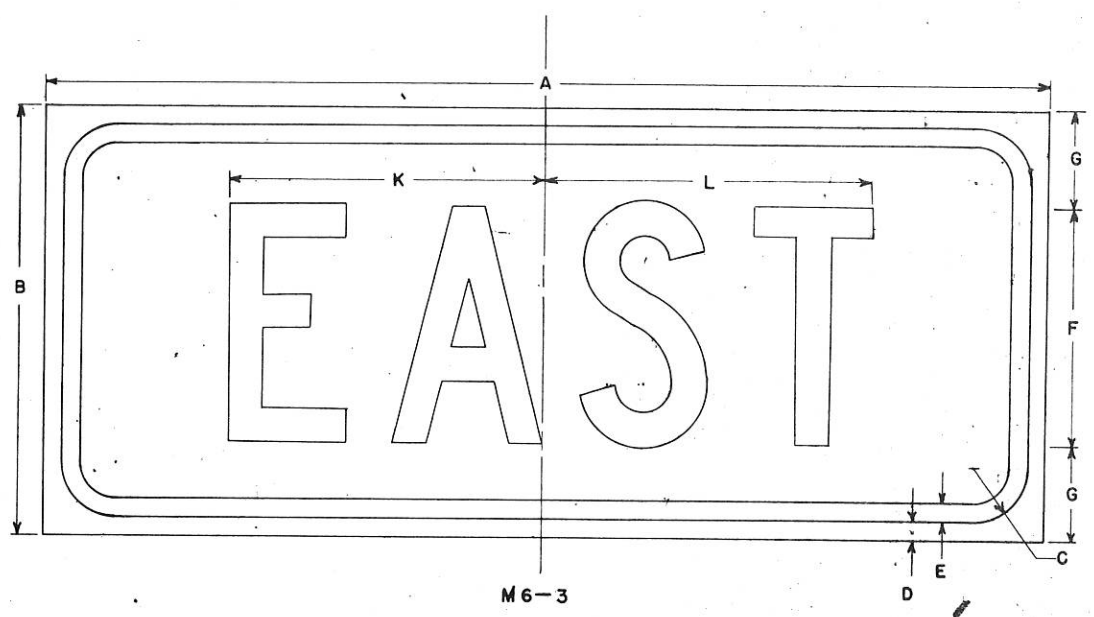
- NOTES:
1. Sign is Type II
 2. Color:
Background — Reflectorized White
Message — Black
 3. Face Material — Reflectorive Sheeting
 4. M4-5 Same As M4-1 Except Arrow Points Right.
 5. M4-4 Same As M4-2 Except Arrow Points Right.
 6. Signs M4-1Y Thru M4-5Y Shall Have A Reflectorized "Yellow" Background & Black Message & Shall Be Used With Components Of The Same Yellow Background & Message. The Suffix Letter, "Y" To The Code Indicates A Yellow Background, For Use Only On Business Routes.



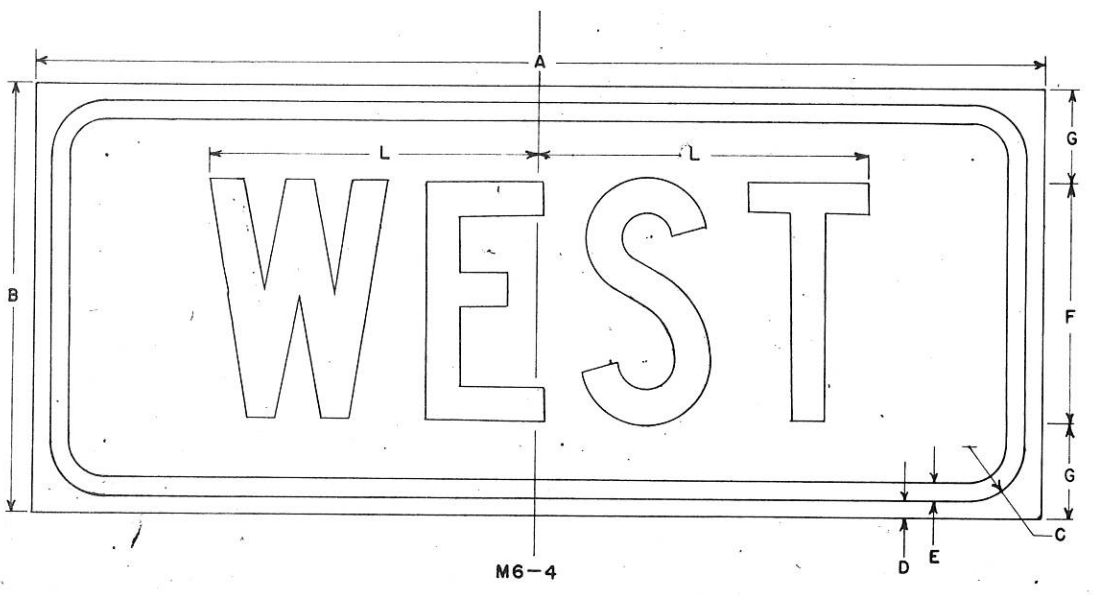
M6-1



M6-2



M6-3



M6-4

NOTES:

1. Sign is Type II
2. Color:
Background — Reflectorized White
Message — Black
3. Face Material — Reflective Sheeting
4. All Letters Series C
5. Signs M6-1Y THRU M6-4Y
Shall Have a Reflectorized Yellow Background & Black Message, & Shall Only be Used with Components of the Same Yellow Background & Message. The Suffix Letter Y, to the Code Indicates a Yellow Background, for Use Only On Business Routes.
6. This drawing may be scaled for standard size only.

SIZE	CODE 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
Minimum	1	16	8	1 1/8	3/8	3/8	4	2	6 13/16	6 5/8	6 1/2	5 5/16	5 1/2														
Standard	2	21	9	1 1/8	3/8	3/8	5	2	8 1/2	8 1/4	8 3/16	6 5/8	6 7/8														
Oversize	3																										
Exp-way	4	30	15	1 1/8	3/8	1/2	7	4	11 1/8	11 9/16	11 7/16	10 1/4	9 5/8														
Interstate	5	21	9	1 1/8	3/8	1/2	5	2	8 2/4	8 1/4	8 3/16	6 5/8	6 7/8														

STANDARD SIGNS
M6-1, M6-2, M6-3, M6-4

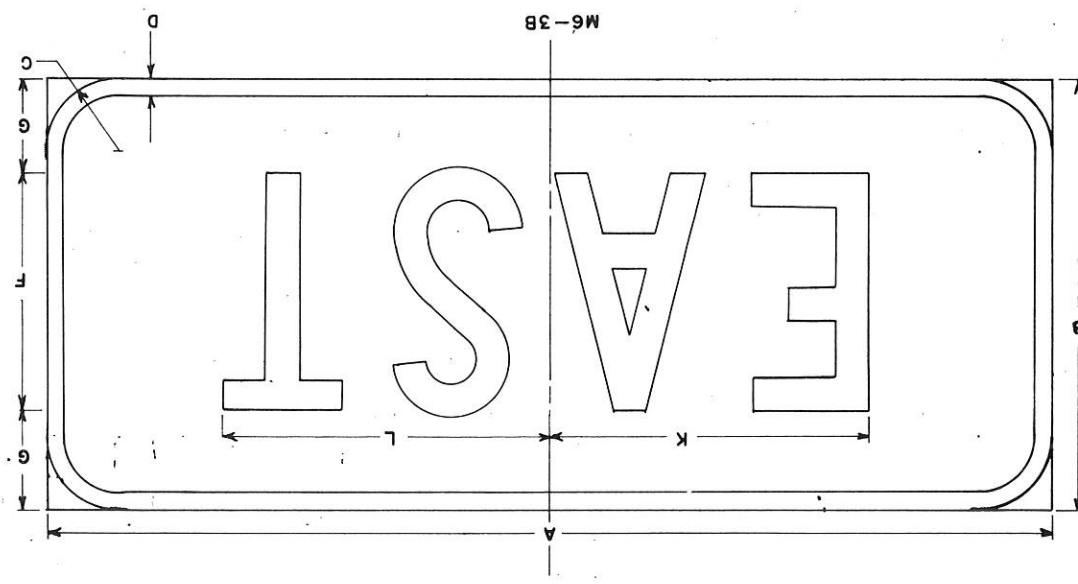
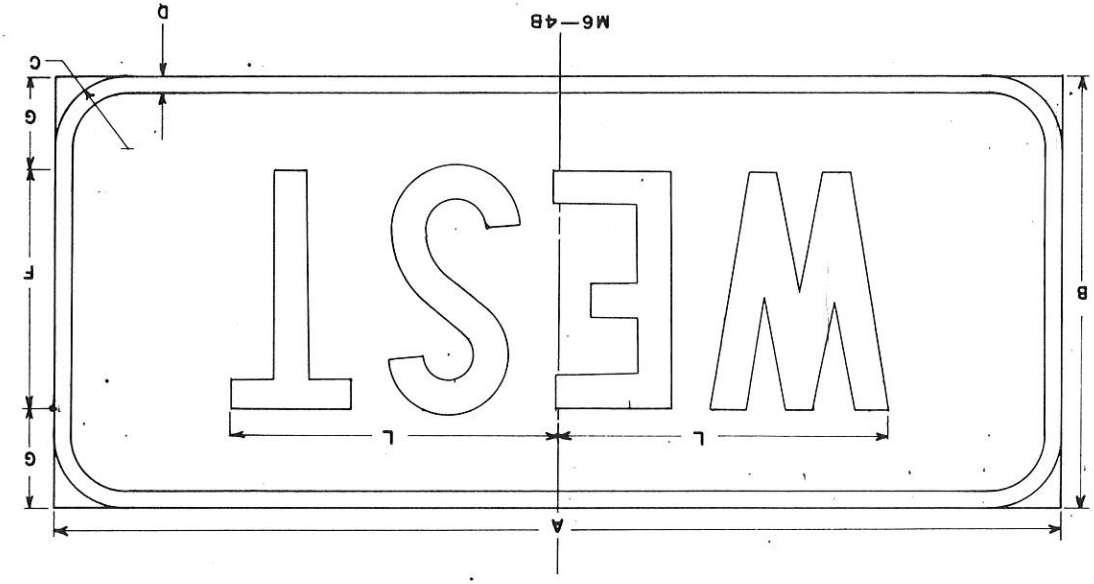
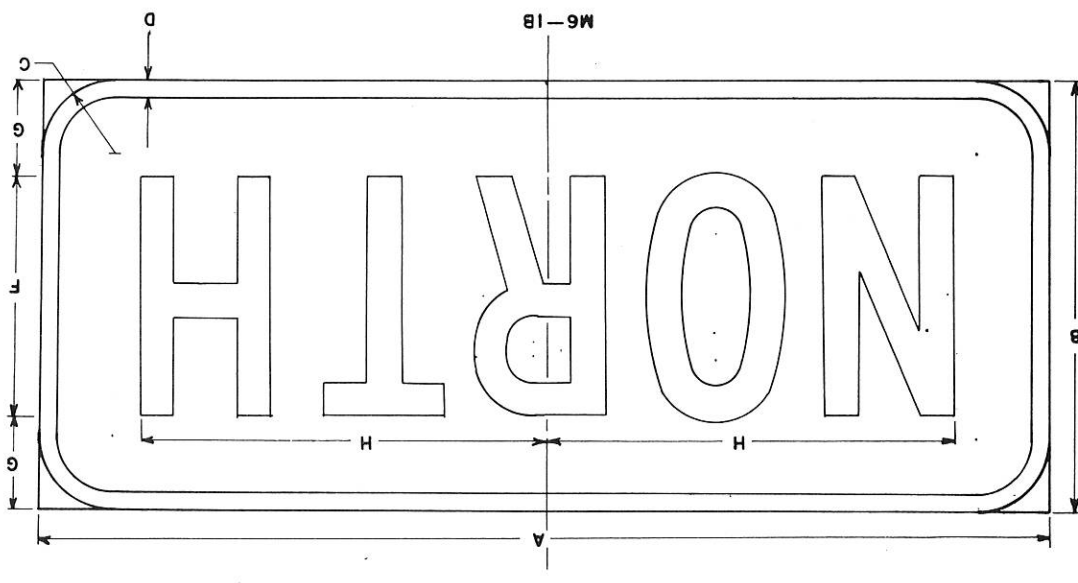
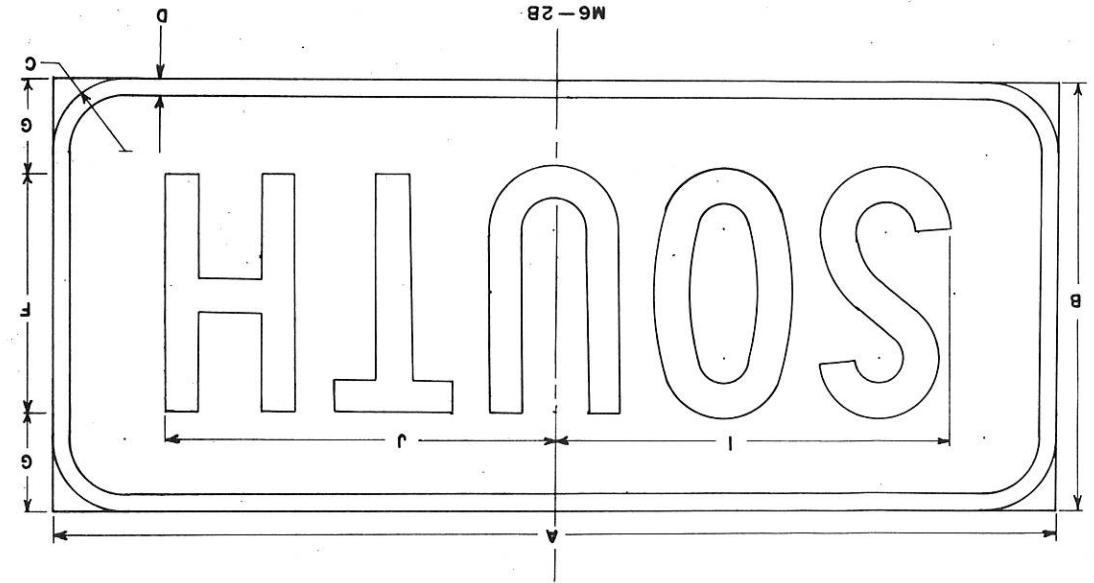
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED _____

DATE _____ PLATE NO. M6-1.2

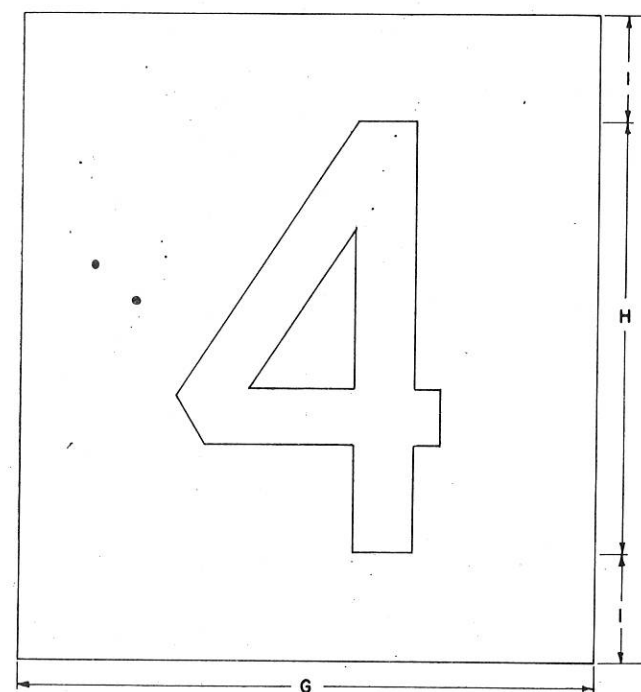
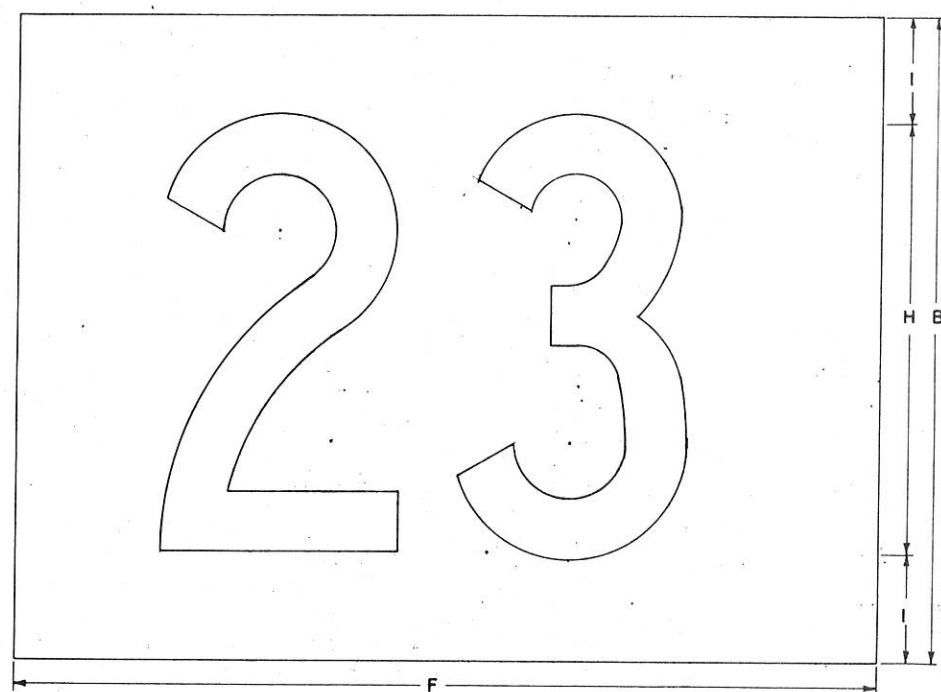
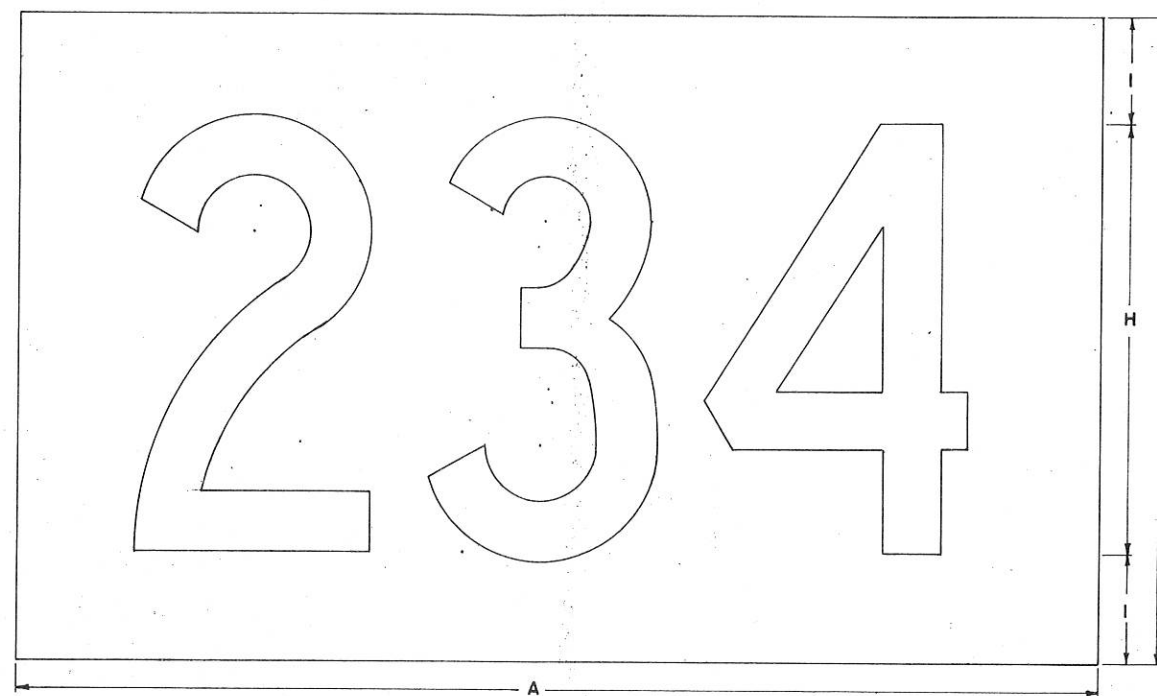
NOTES:

1. Sign is Type II
2. Color: Background — Reflectized Blue
Message — Reflectized White
3. Face Material — Reflective Sheeting
4. All Letters Series "C"
5. This drawing may be scaled for standard size only.



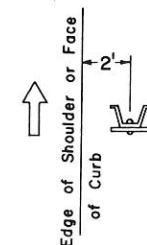
SIZE	CODE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
Minimum	1	16	8	1	2	3	4	2	6	3	6	2	5	5	1	5	1	5	1	5	1	5	1	5	1	5	1	5
Standard	2	21	9	1	2	3	5	2	8	4	8	3	6	6	3	8	3	6	3	8	3	6	3	8	3	6	3	8
Over-size	3																											
Exp-way	4	30	15	1	2	3	7	4	12	6	12	9	12	9	12	9	12	9	12	9	12	9	12	9	12	9	12	9
Interstate	5	30	15	1	2	3	7	4	12	6	12	9	12	9	12	9	12	9	12	9	12	9	12	9	12	9	12	9

STANDARD SIGNS
 M6-1B, M6-2B, M6-3B, M6-4B
 STATE HIGHWAY COMMISSION OF WISCONSIN
 APPROVED: *C. L. ...*
 DATE: 10-11-63
 PLATE NO. M6-1B.1
 (Replaces Old Plate No's M6-G1B.1 & M6-51.2)



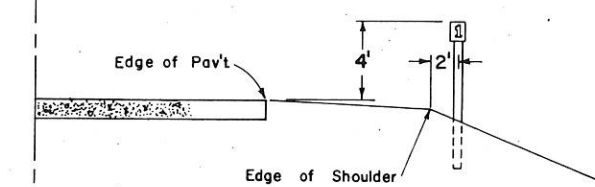
NOTES:

1. Sign is Type II
2. Color:
 - Background — Reflectorized Green
 - Message — Reflectorized White
3. Face Material — Reflective Sheeting
4. All Numerals Series "C"
5. Except as provided below, Mileposts shall be erected on a Delineator post which will be measured and paid for separately.
6. Number of digits in mile number shall determine which plaque is to be used.



WHERE A SIGN IS LOCATED AT THE SAME STATION AS A MILEPOST, OR WITHIN 50' THEREOF, PLACE MILEPOST ON THE SIGN POST.

PLAN VIEW OF MILEPOST



TYPICAL INSTALLATION OF MILEPOSTS

LOCATION OF MILEPOST SHALL BE ADJUSTED UP TO 50 FEET IN ORDER TO PLACE MILEPOST ON A POST USED FOR MOUNTING A DELINEATOR OR A SIGN - UPPER EDGE OF MILEPOST TO BE 4" BELOW CENTER OF LOWEST DELINEATOR OR 4" BELOW EDGE OF SIGN.

SIZE	CODE 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
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Interstate	5	15	9				12	8	6	1 1/2																	

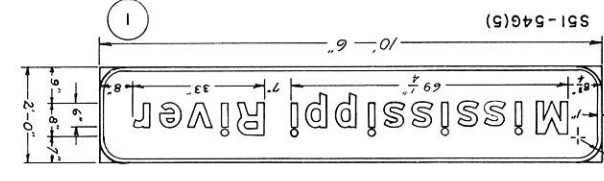
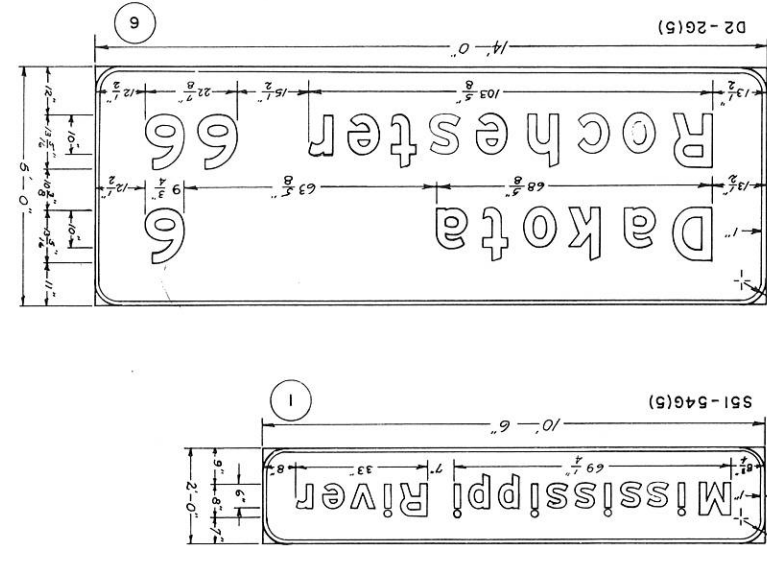
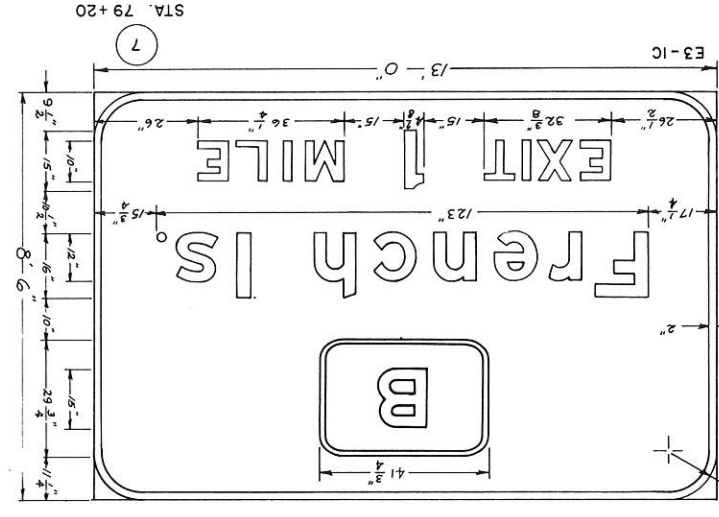
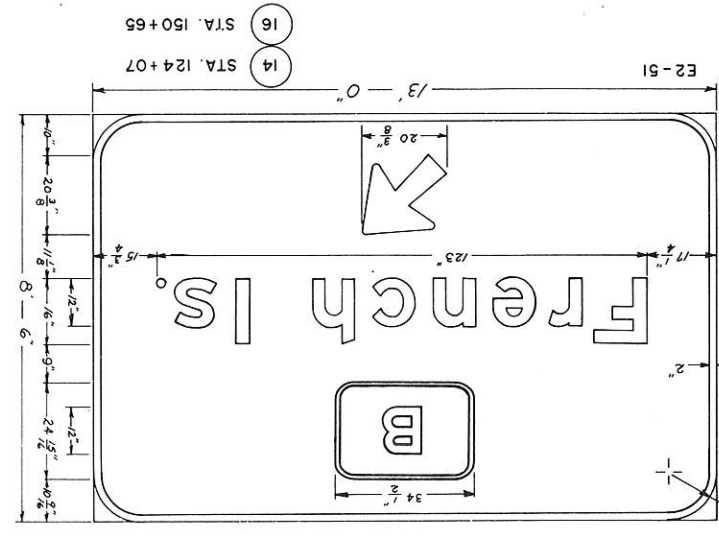
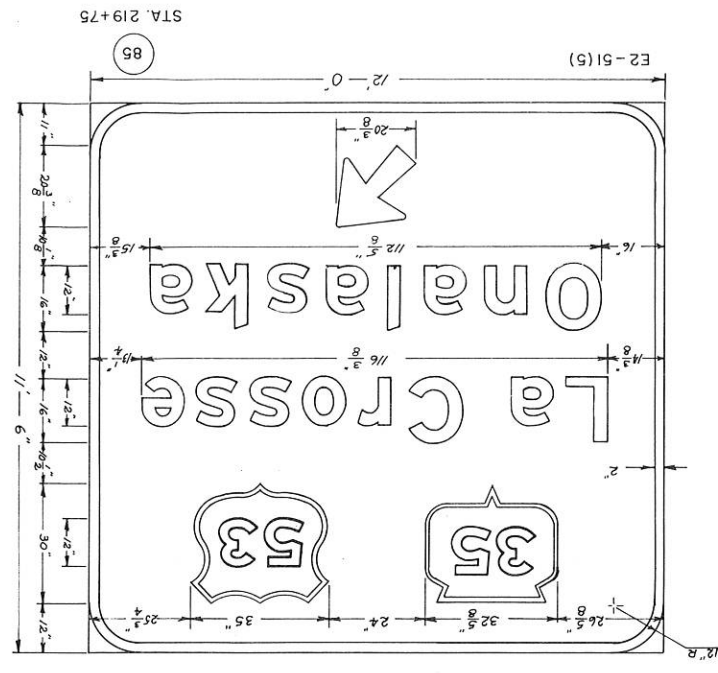
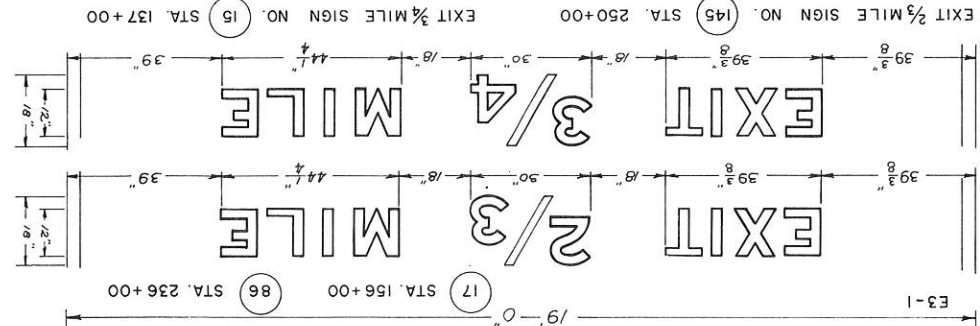
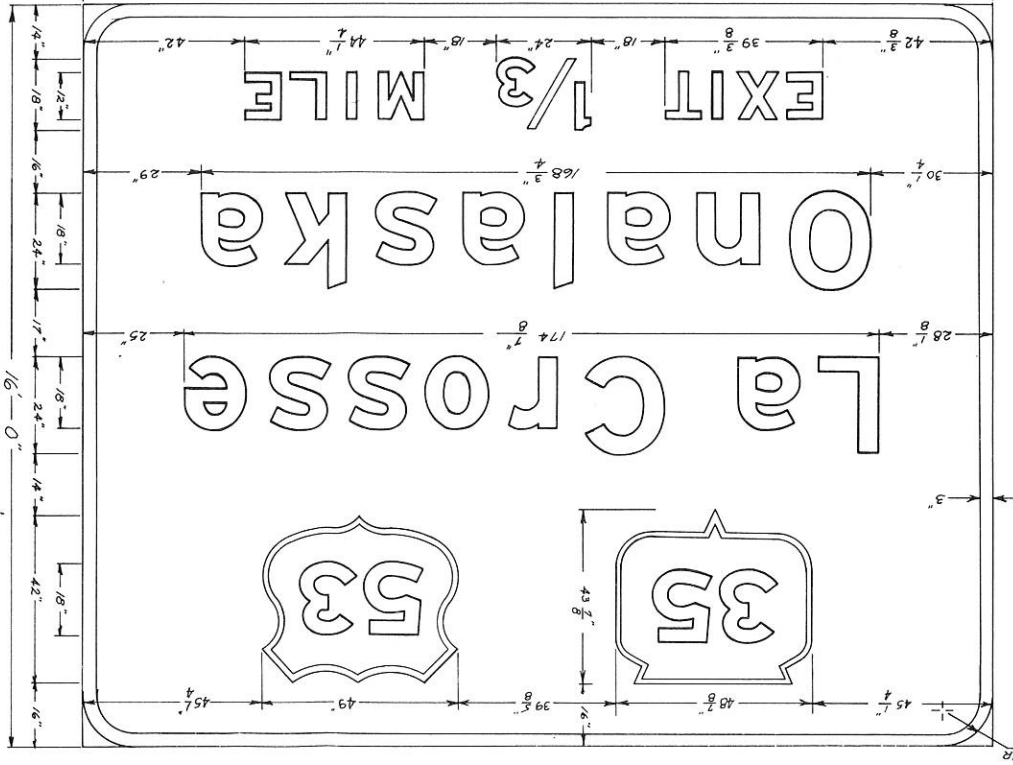
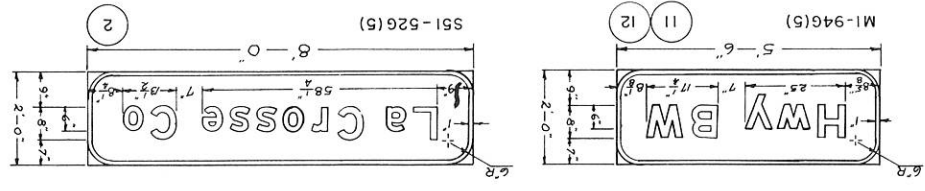
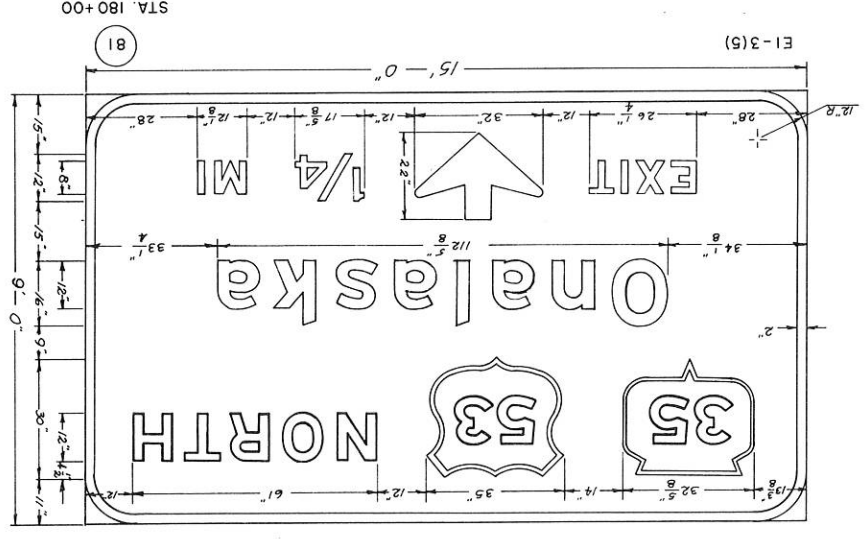
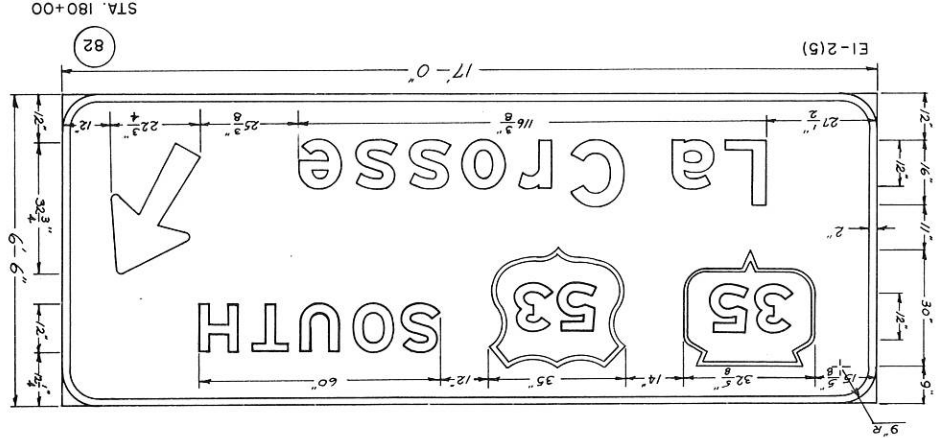
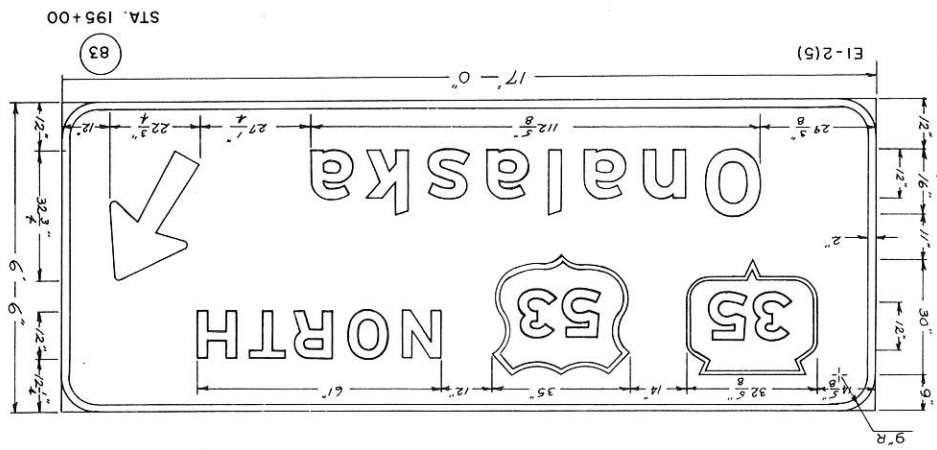
**STANDARD SIGN
M51-51**

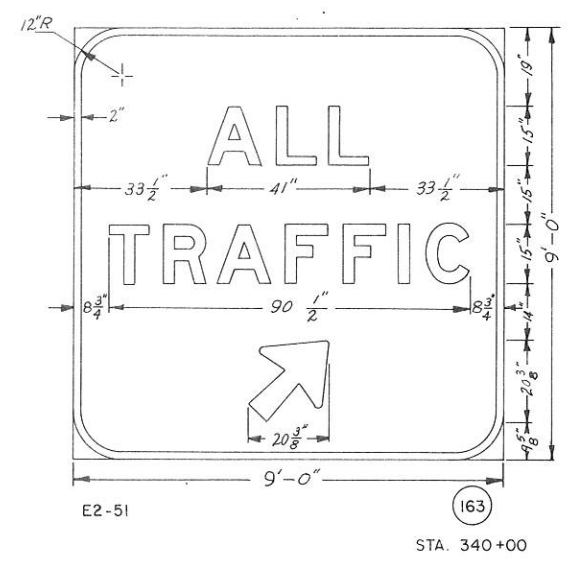
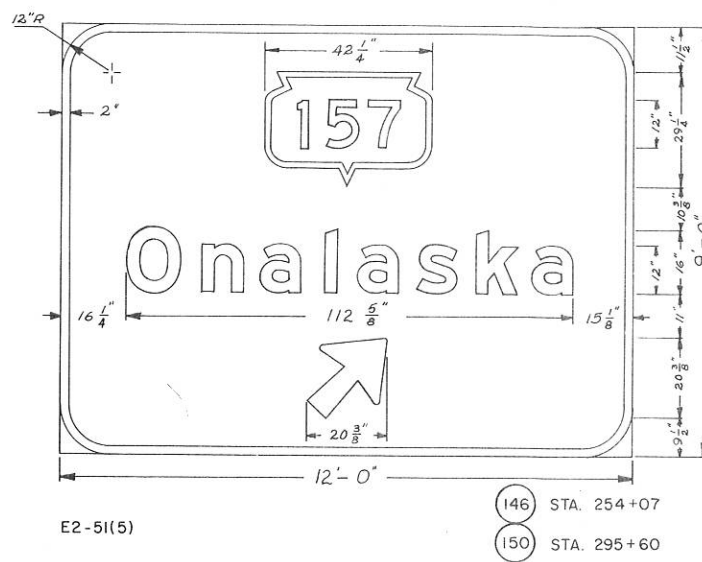
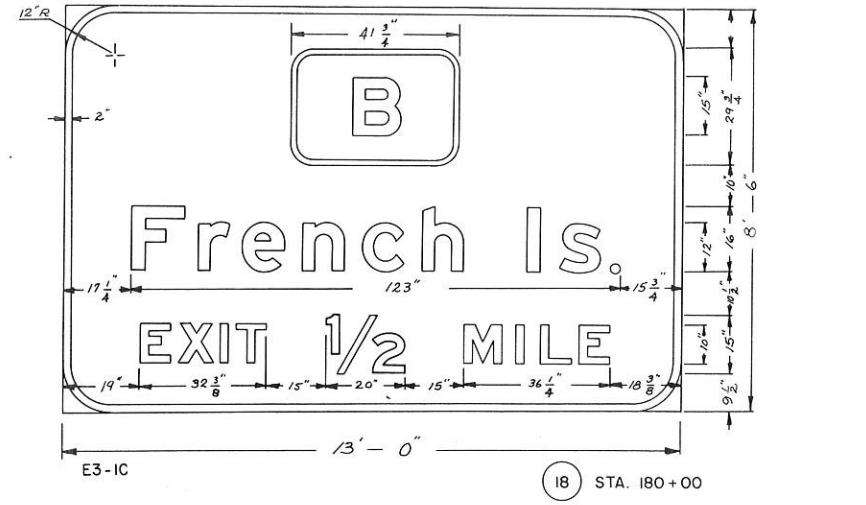
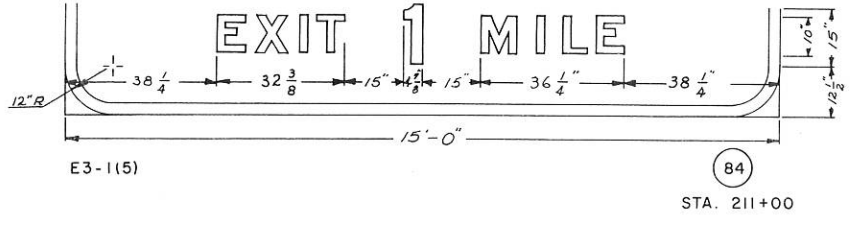
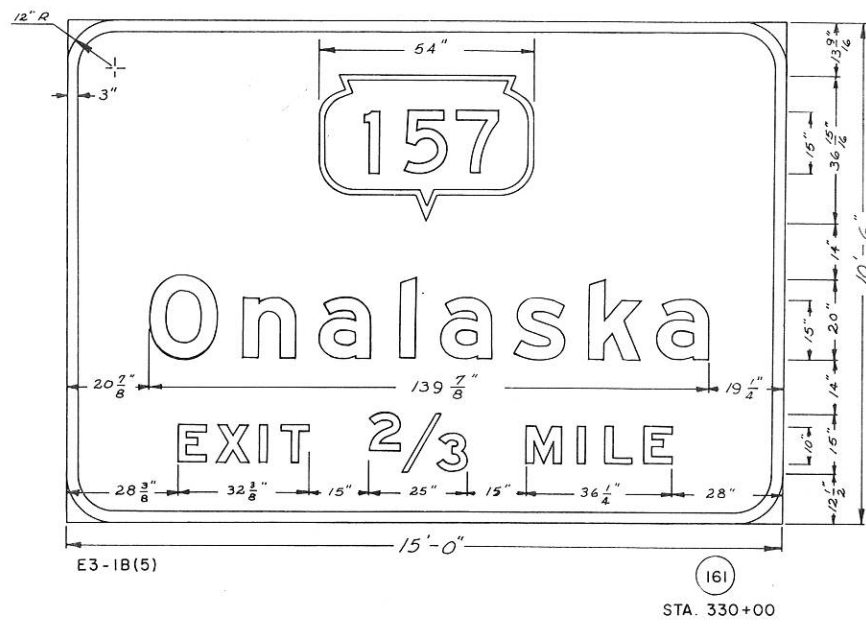
STATE HIGHWAY COMMISSION OF WISCONSIN

APPROVED

DATE _____ PLATE NO. M51-51.3

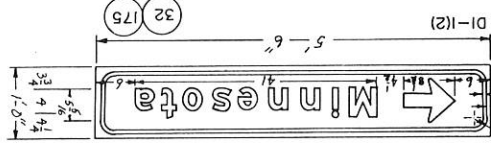
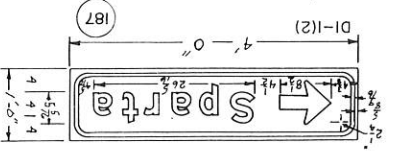
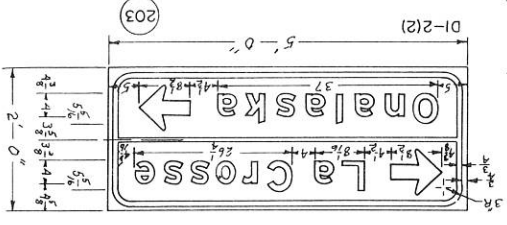
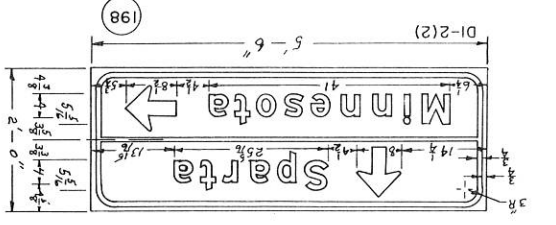
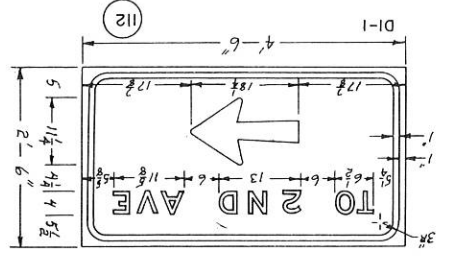
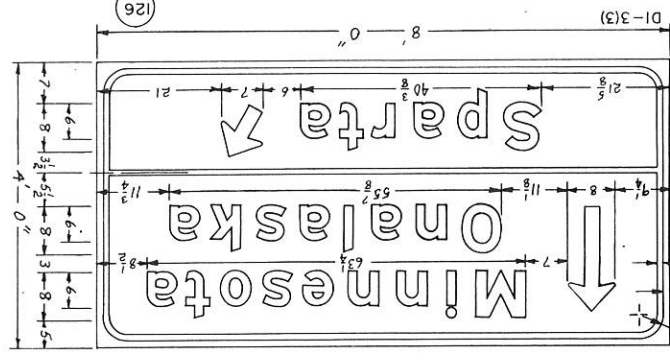
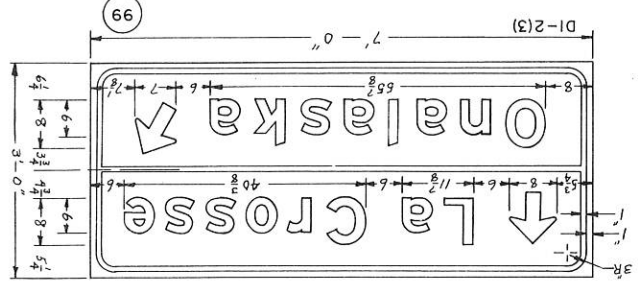
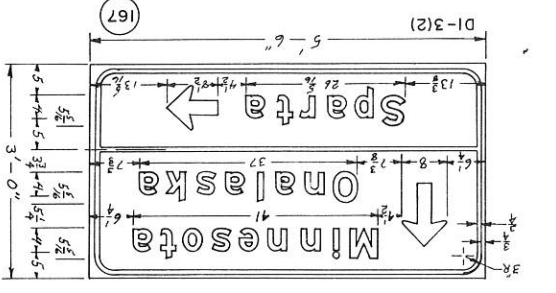
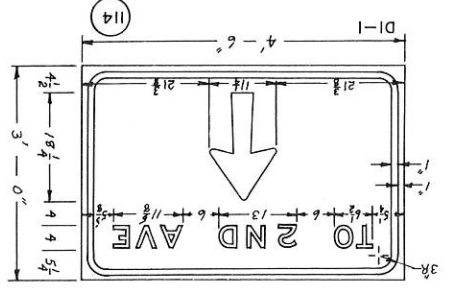
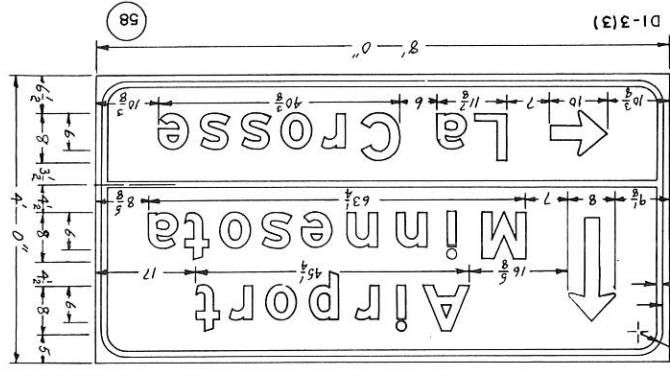
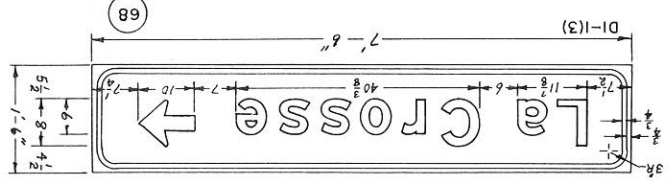
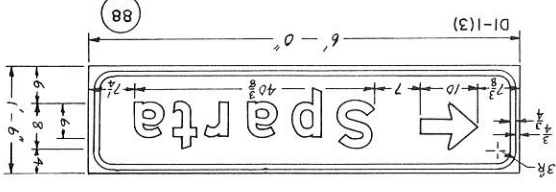
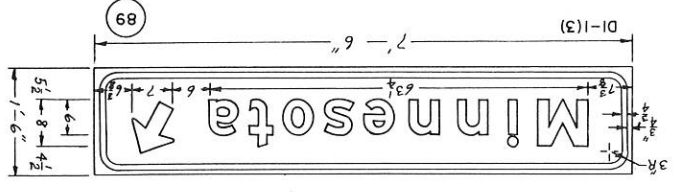
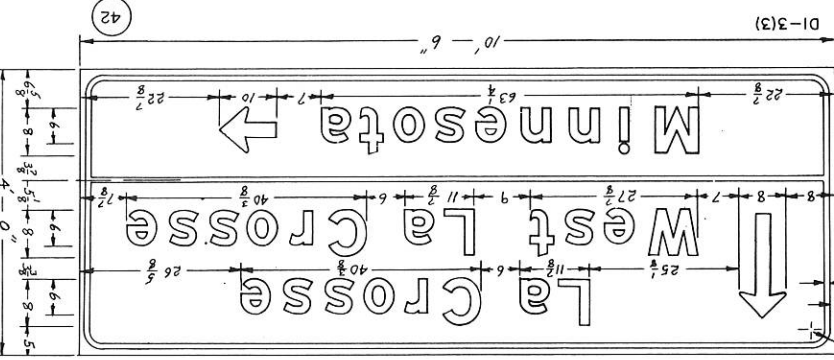
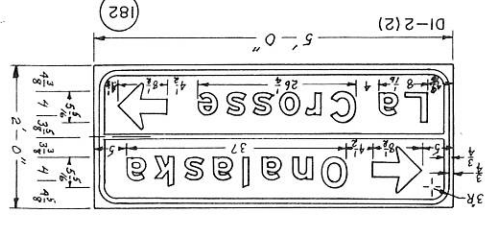
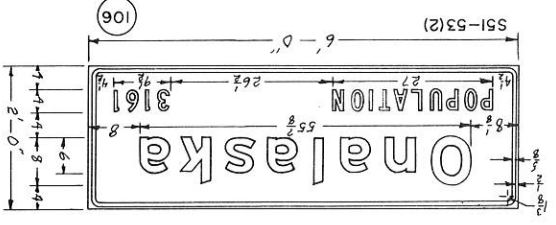
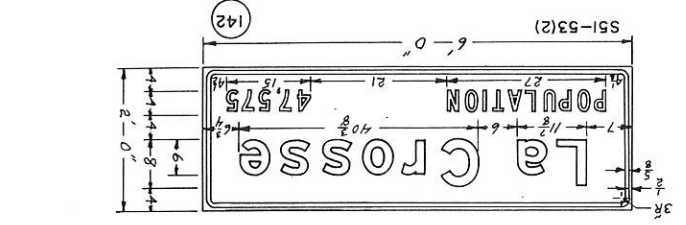
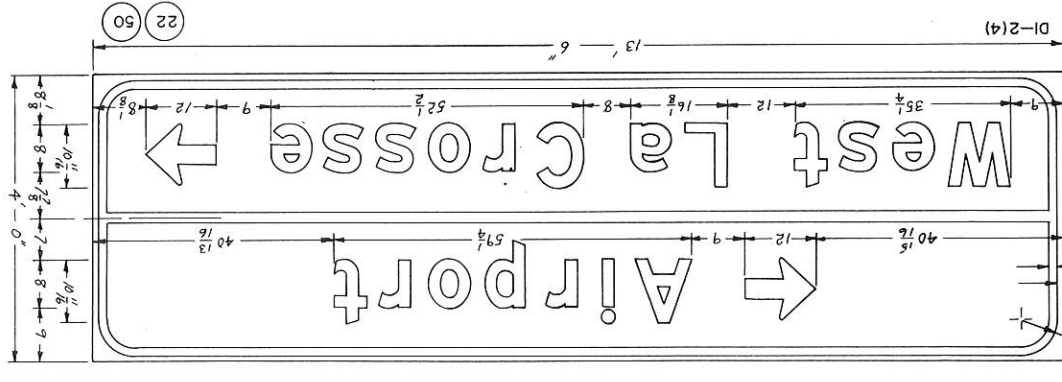
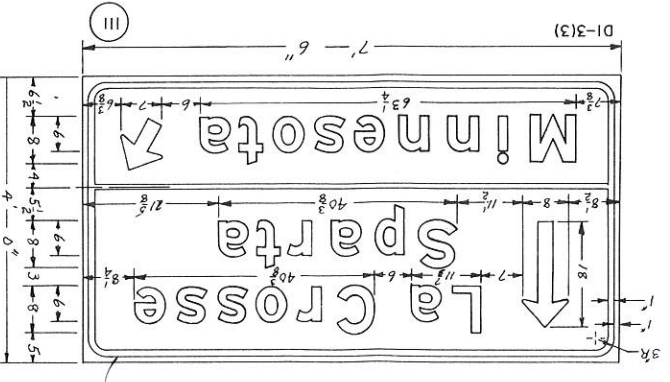
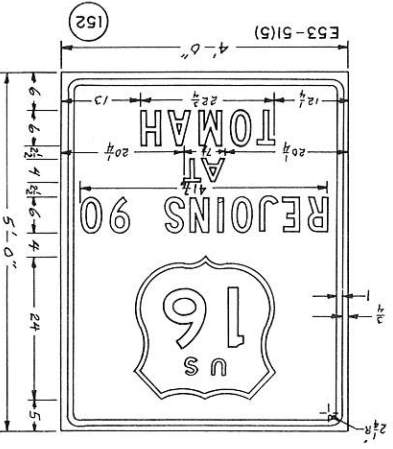
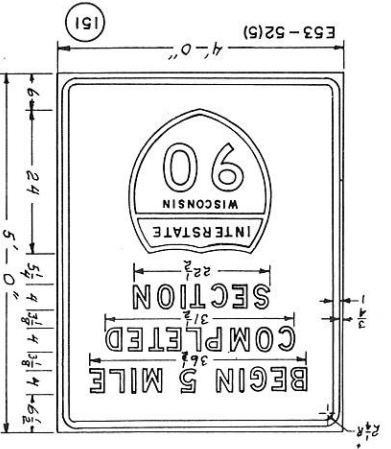
1. SIGNS 1, 2, 11 & 12 TYPE III
 ALL OTHERS TYPE I SIGNS
 2. BACKGROUND REFLECTORIZED GREEN
 3. MESSAGE REFLECTORIZED WHITE





1. ALL SIGNS TYPE I
2. BACKGROUND REFLECTORIZED GREEN
3. MESSAGE REFLECTORIZED WHITE

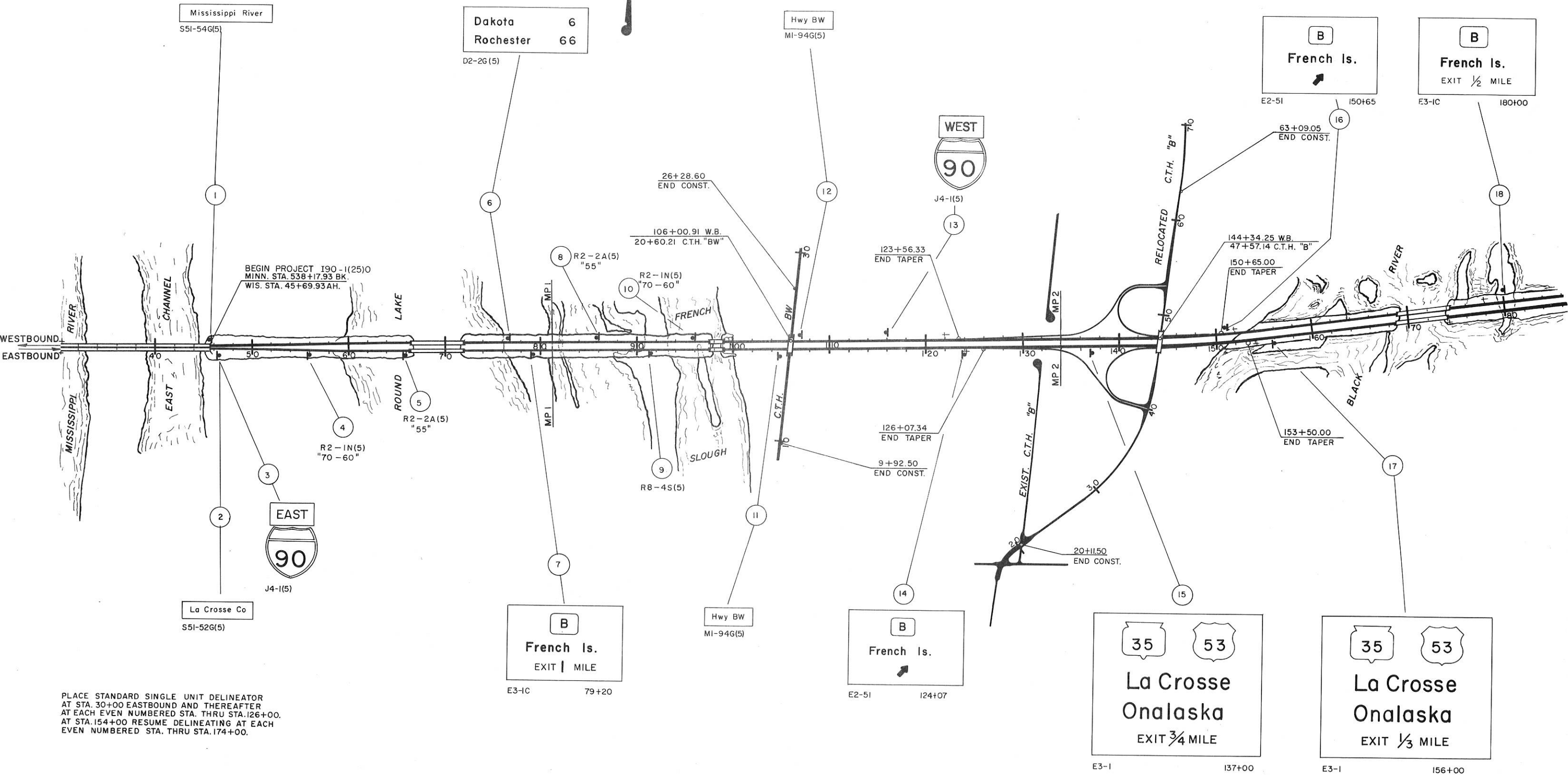
PROJECT	190-112510
SHEET NUMBER	50
TOTAL SHEETS	66



1. ALL SIGNS TYPE II
 2. TYPE II SIGNS SHALL HAVE REFLECTORIZED WHITE BACKGROUND & BLACK MESSAGE.
 3. SIGNS 181 & 182 SHALL HAVE REFLECTORIZED WHITE BACKGROUND & BLUE MESSAGE.

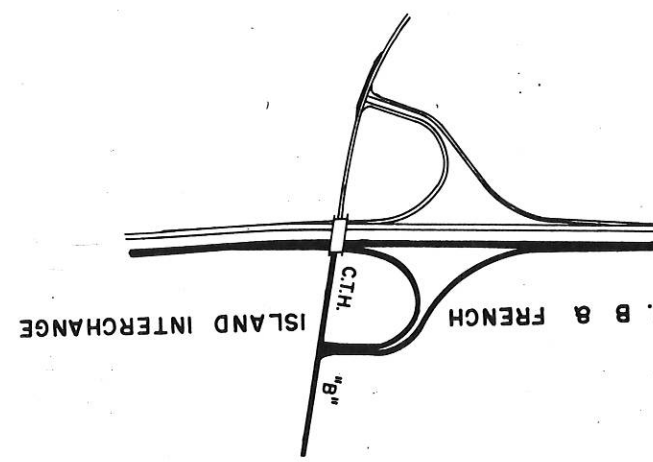
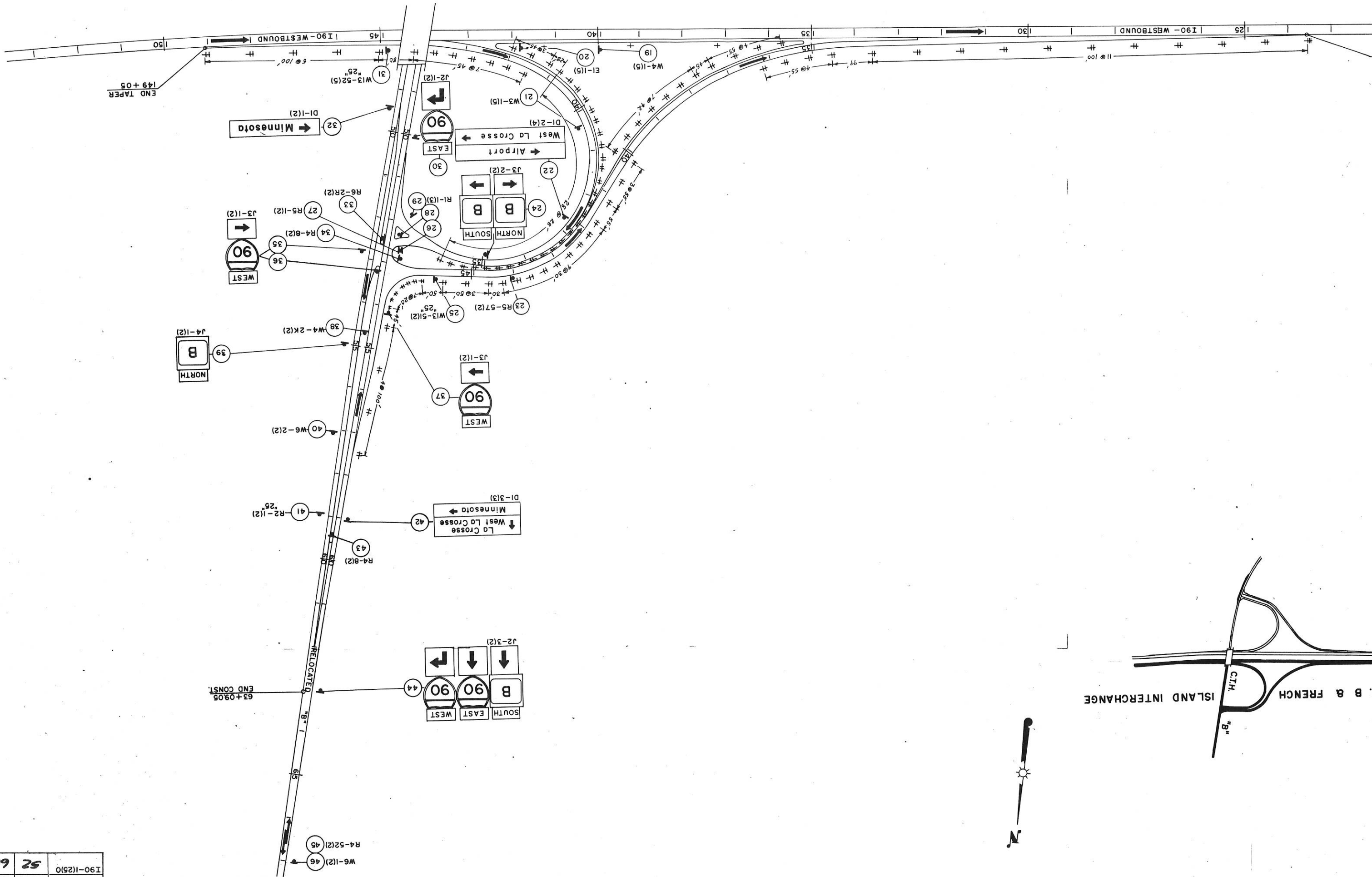
PROJECT	SHEET NUMBER	TOTAL SHEETS
I90-1(25)0	51	66

PLACE STANDARD SINGLE UNIT DELINEATOR AT STA. 178+00 WESTBOUND AND THEREAFTER AT EACH EVEN NUMBERED STA. THRU STA. 152+00. AT STA. 122+00 RESUME DELINEATING AT EACH EVEN NUMBERED STA. THRU STA. 30+00.

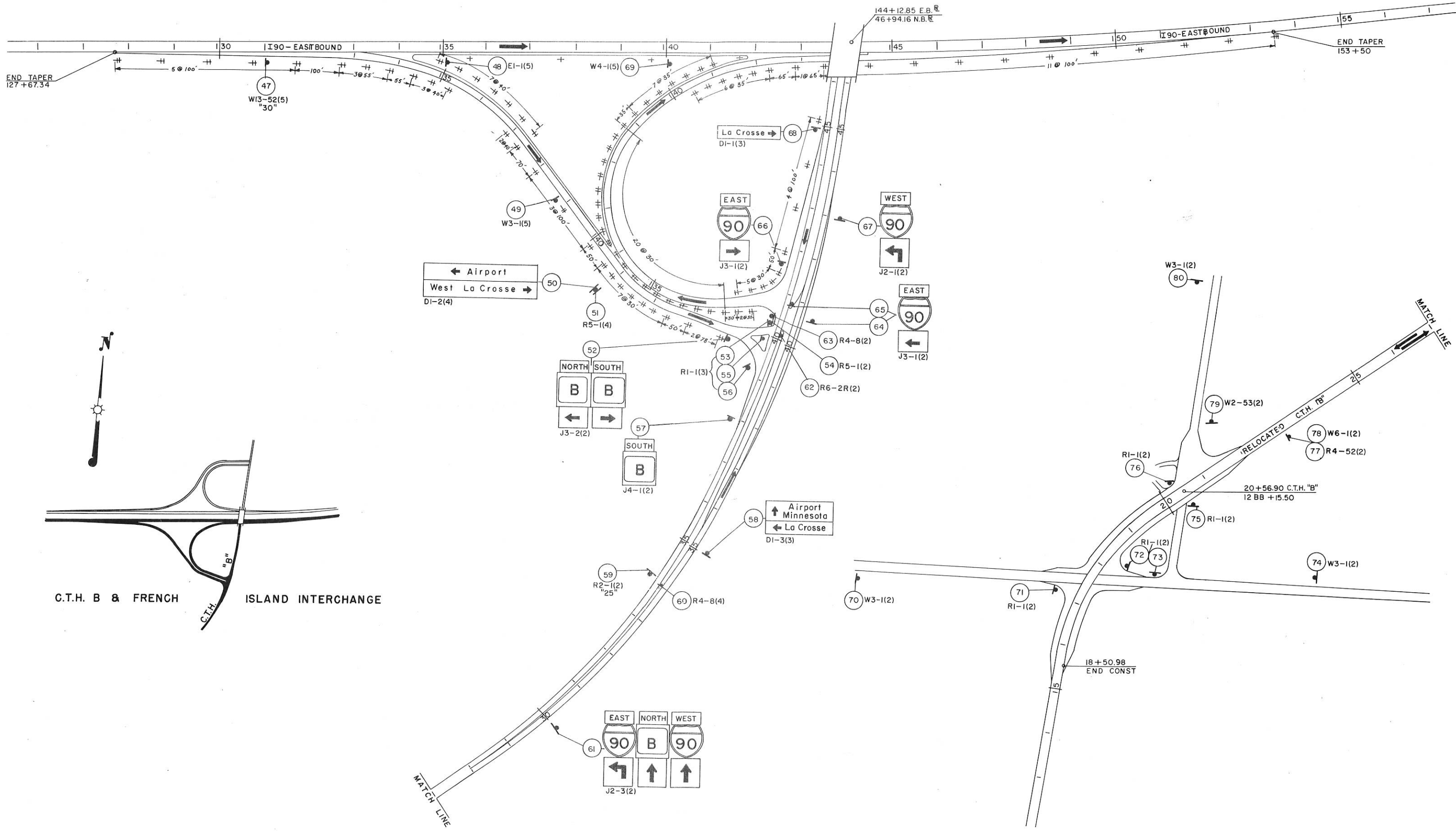


PLACE STANDARD SINGLE UNIT DELINEATOR AT STA. 30+00 EASTBOUND AND THEREAFTER AT EACH EVEN NUMBERED STA. THRU STA. 126+00. AT STA. 154+00 RESUME DELINEATING AT EACH EVEN NUMBERED STA. THRU STA. 174+00.

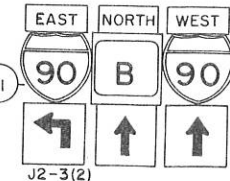
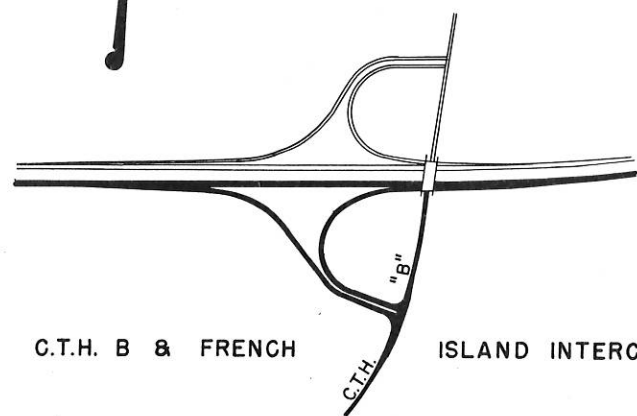
PROJECT	I90-1(25)0
SHEET NUMBER	52
TOTAL SHEETS	66



PROJECT	SHEET NUMBER	TOTAL SHEETS
I90-(25)0	53	66



C.T.H. B & FRENCH ISLAND INTERCHANGE



18+50.98
END CONST

20+56.90 C.T.H. "B"
12 BB +15.50

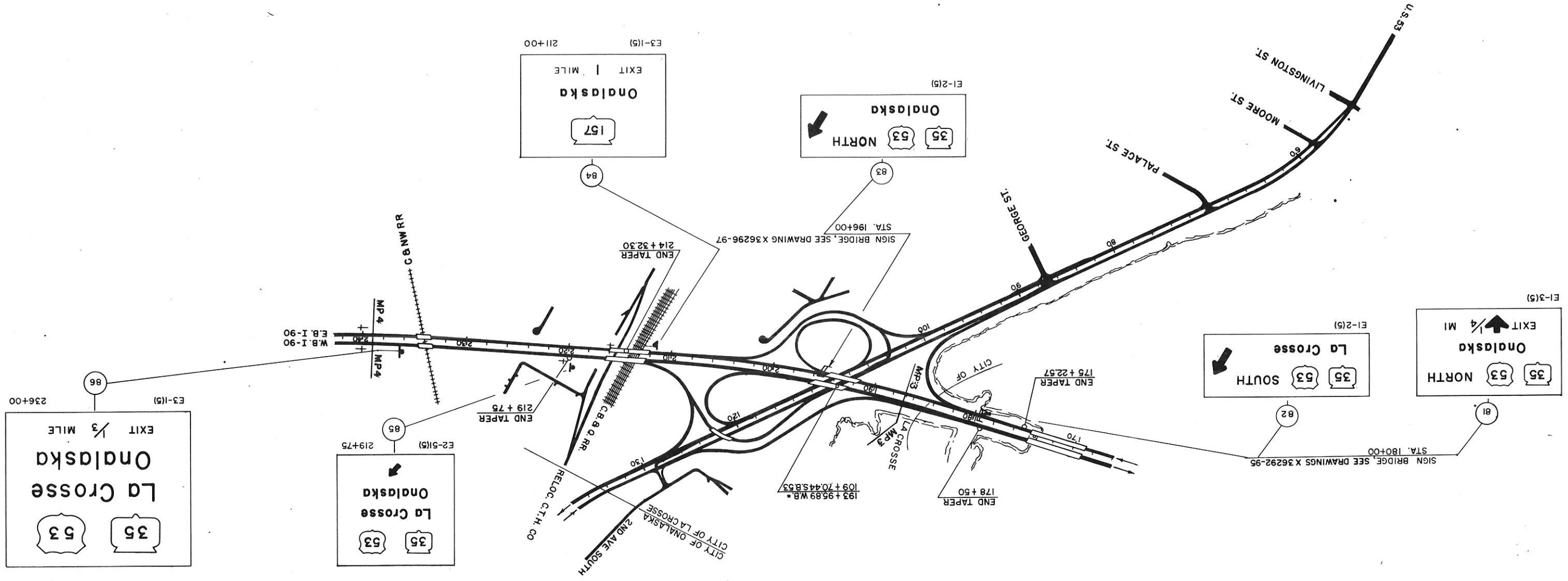
MATCH LINE

MATCH LINE

PLACE STANDARD SINGLE UNIT DELINEATOR AT STA. 216+00 EASTBOUND AND THEREAFTER AT EACH EVEN NUMBERED STA. THRU STA. 240+00.

PLACE STANDARD SINGLE UNIT DELINEATOR AT STA. 240+00 WESTBOUND AND THEREAFTER AT EACH EVEN NUMBERED STA. THRU STA. 220+00.

PROJECT	I 90-12510
NUMBER	54
SHEETS	66
TOTAL	



E1-3(5)
EXIT 1/4 MI
ONalaska 35 53 NORTH

E1-2(5)
La Crosse 35 53 SOUTH

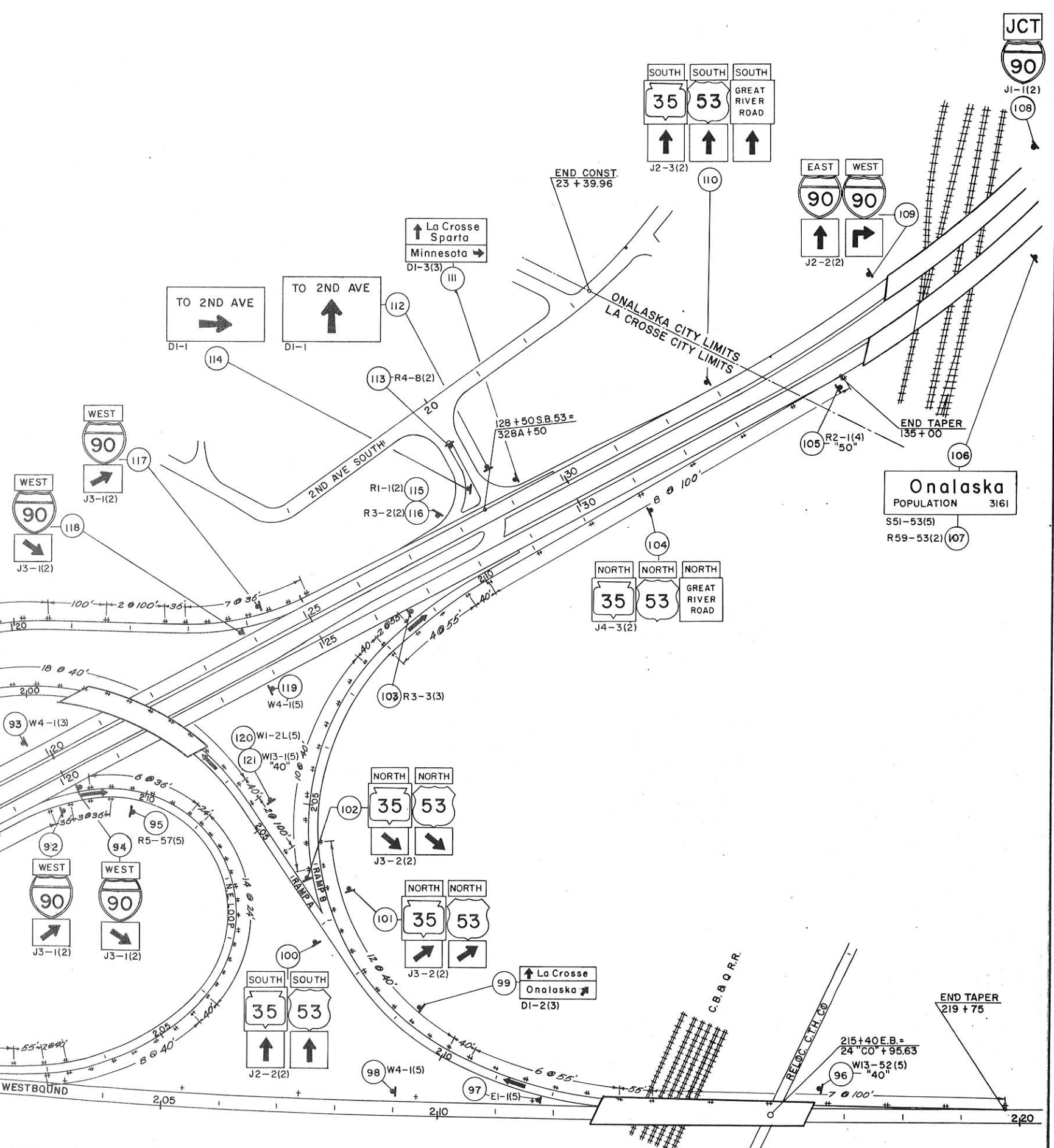
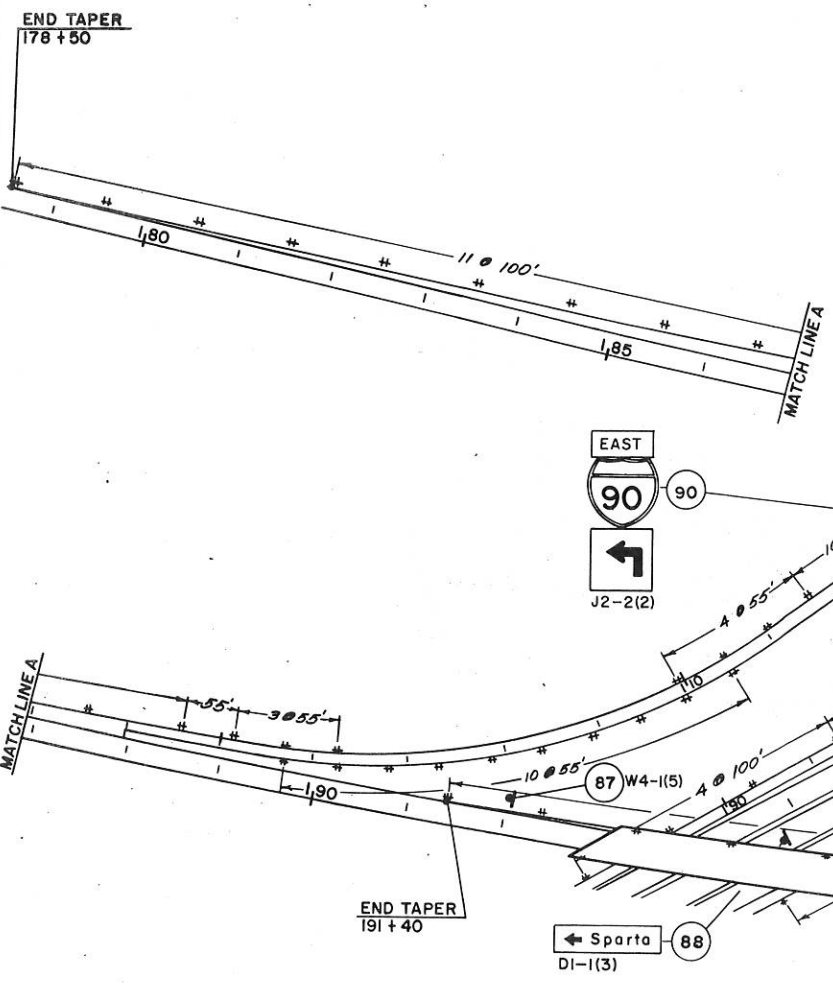
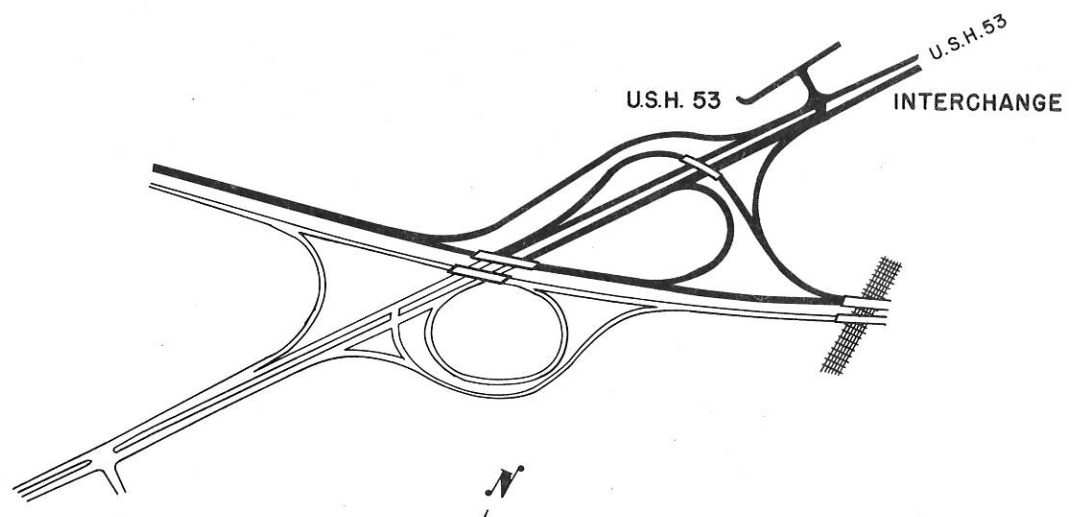
E1-2(5)
ONalaska 35 53 NORTH

E3-1(5)
EXIT 1 MILE
ONalaska 157

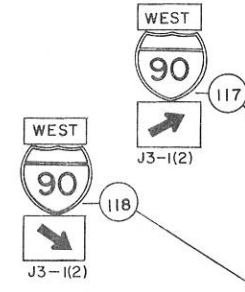
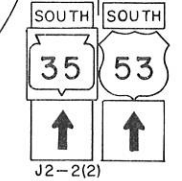
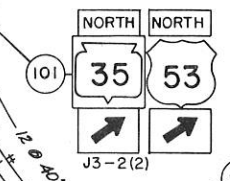
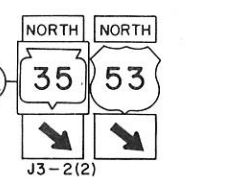
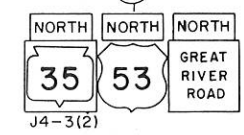
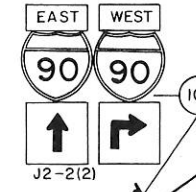
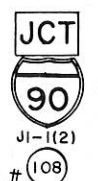
E3-1(5)
EXIT 1/3 MILE
ONalaska 35 53

E2-5(15)
La Crosse 35 53 NORTH

PROJECT	SHEET NUMBER	TOTAL SHEETS
I 90-I(25)0	55	66

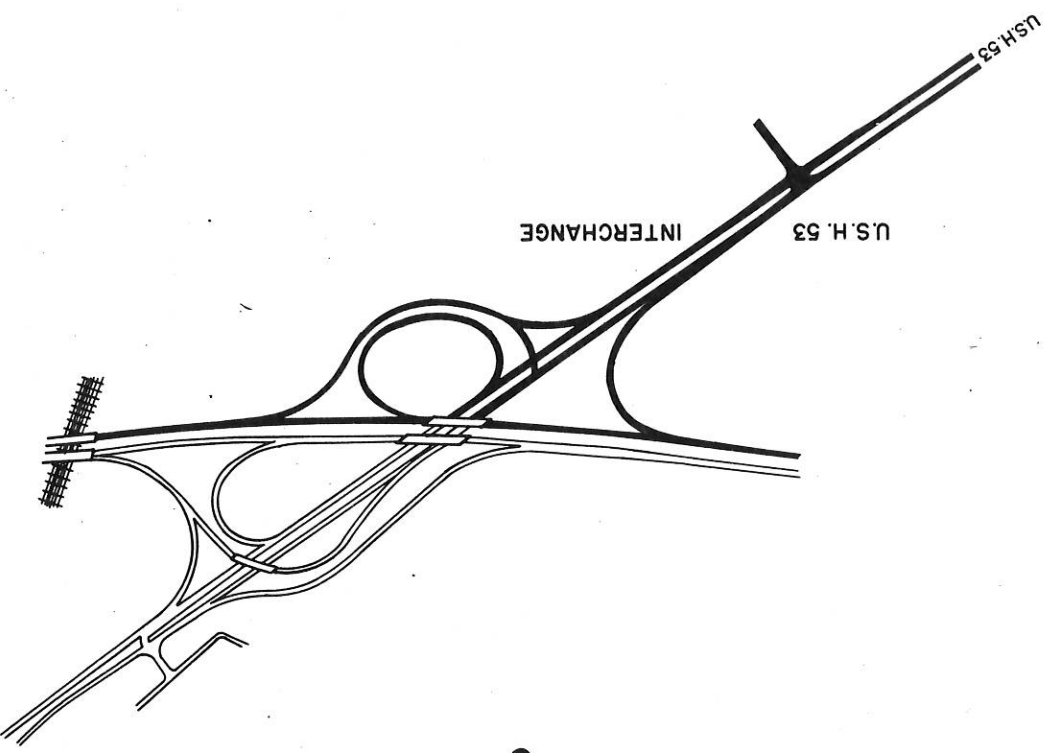
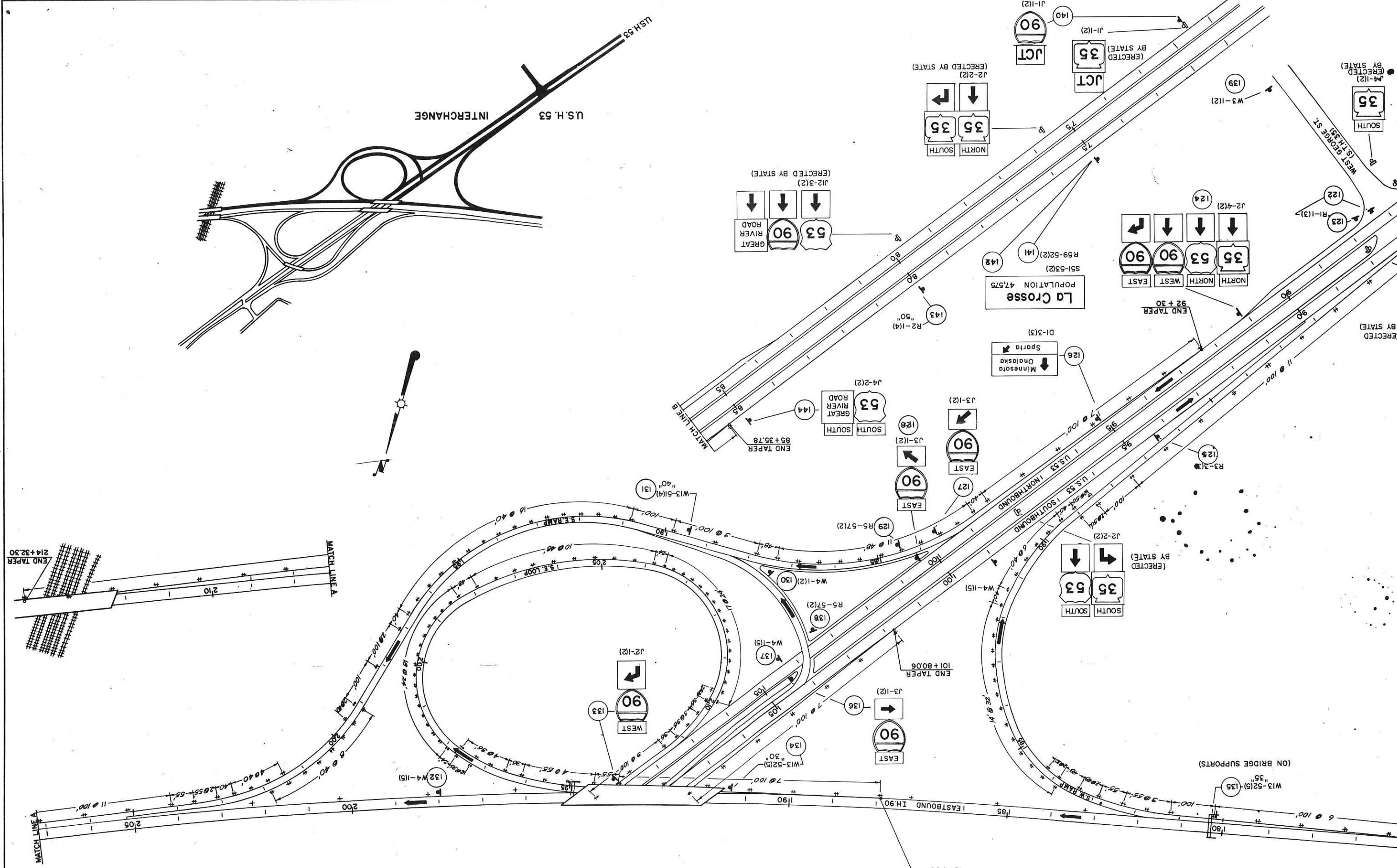


Onalaska
 POPULATION 3161
 S51-53(5)
 R59-53(2) (107)



END TAPER
219 + 75

215+40 E.B. =
24' 00" + 95.63
W13-52(5)
"40"



La Crosse
POPULATION 47,575

PROJECT	190-1(25)0
SHEET NUMBER	56
TOTAL SHEETS	66

PROJECT	SHEET NUMBER	TOTAL SHEETS
I 90-1(25)0	57	66

PLACE SINGLE UNIT DELINEATORS AT STA. 328 W. BOUND AND THEREAFTER AT EACH EVEN NUMBERED STA. THRU STA. 296 RESUME DELINEATING AT STA. 250 THRU STA. 240

35
53

La Crosse
Onalaska

EXIT 2/3 MILE

E3-1A(5) 250+00

157

Onalaska

↗

E2-5(5) 295+60

157

Onalaska

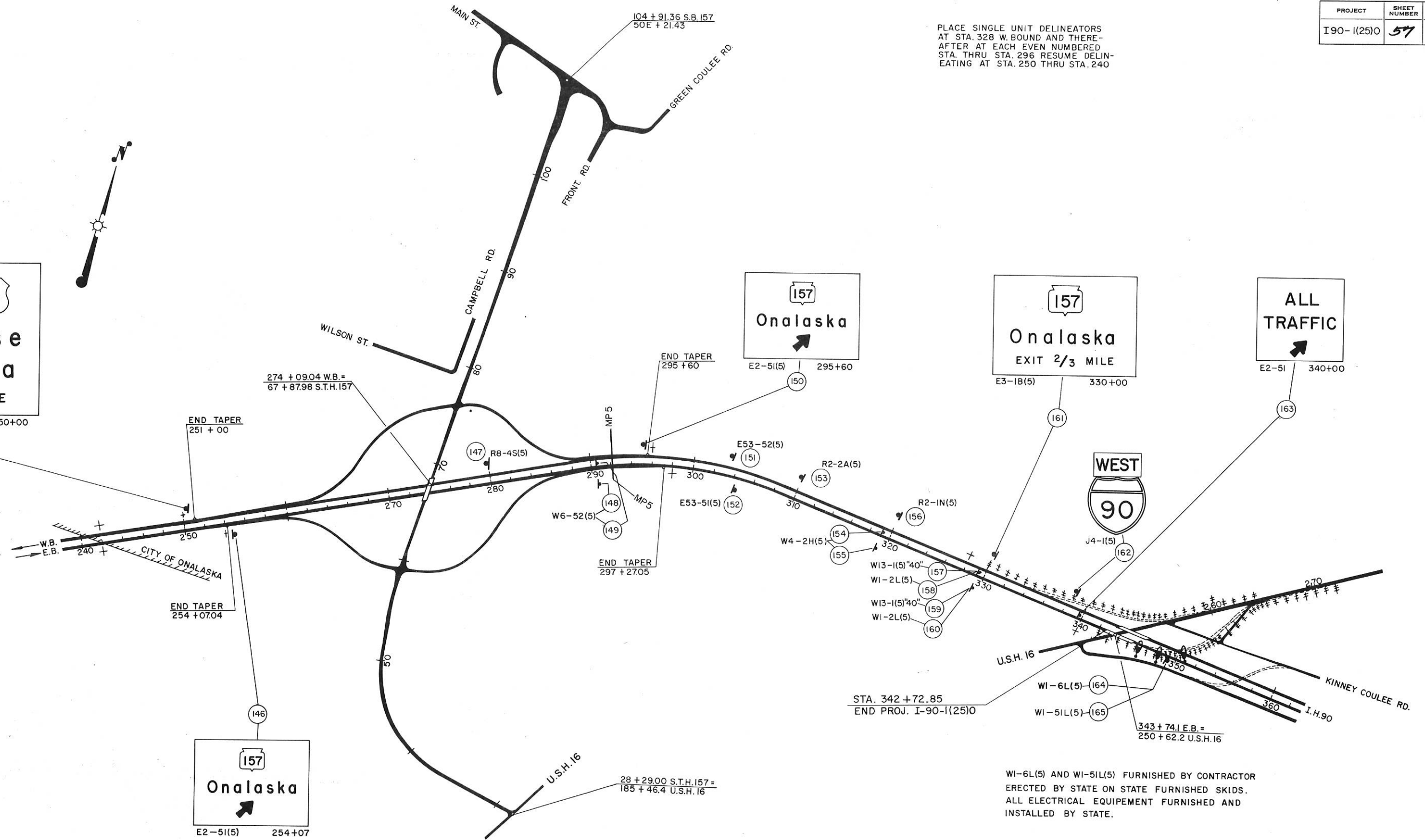
EXIT 2/3 MILE

E3-1B(5) 330+00

ALL
TRAFFIC

↗

E2-5(1) 340+00



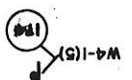
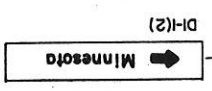
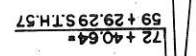
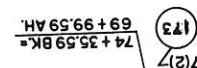
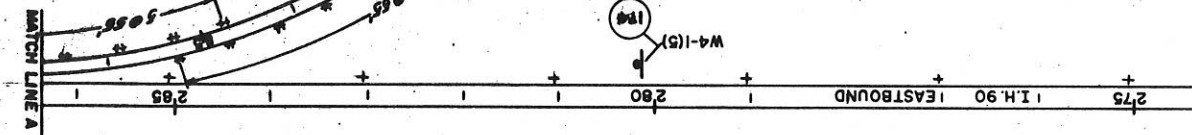
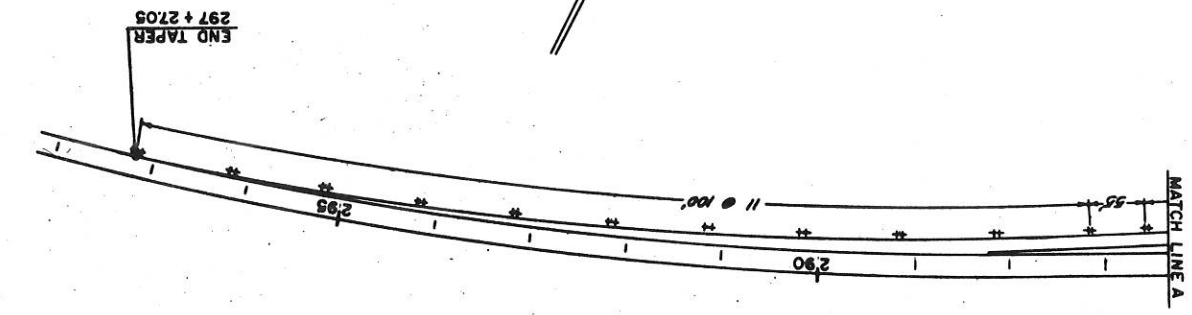
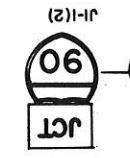
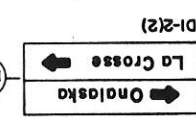
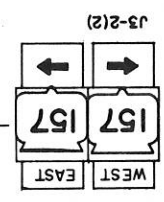
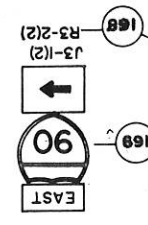
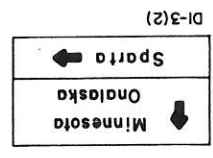
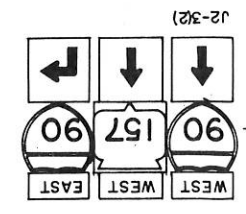
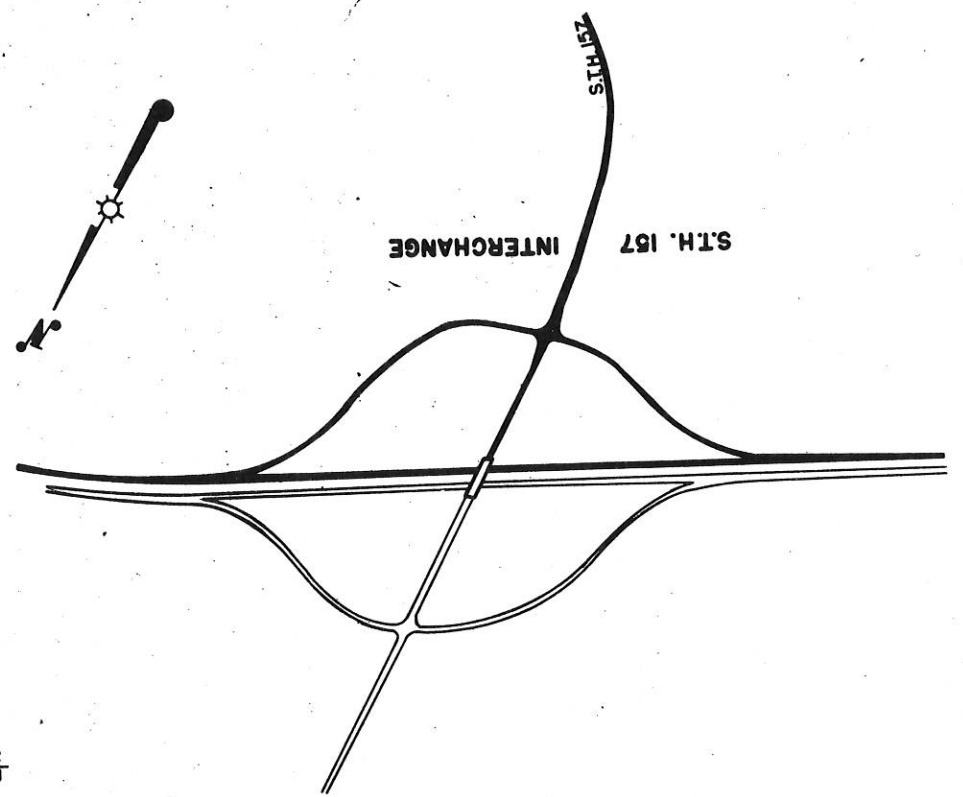
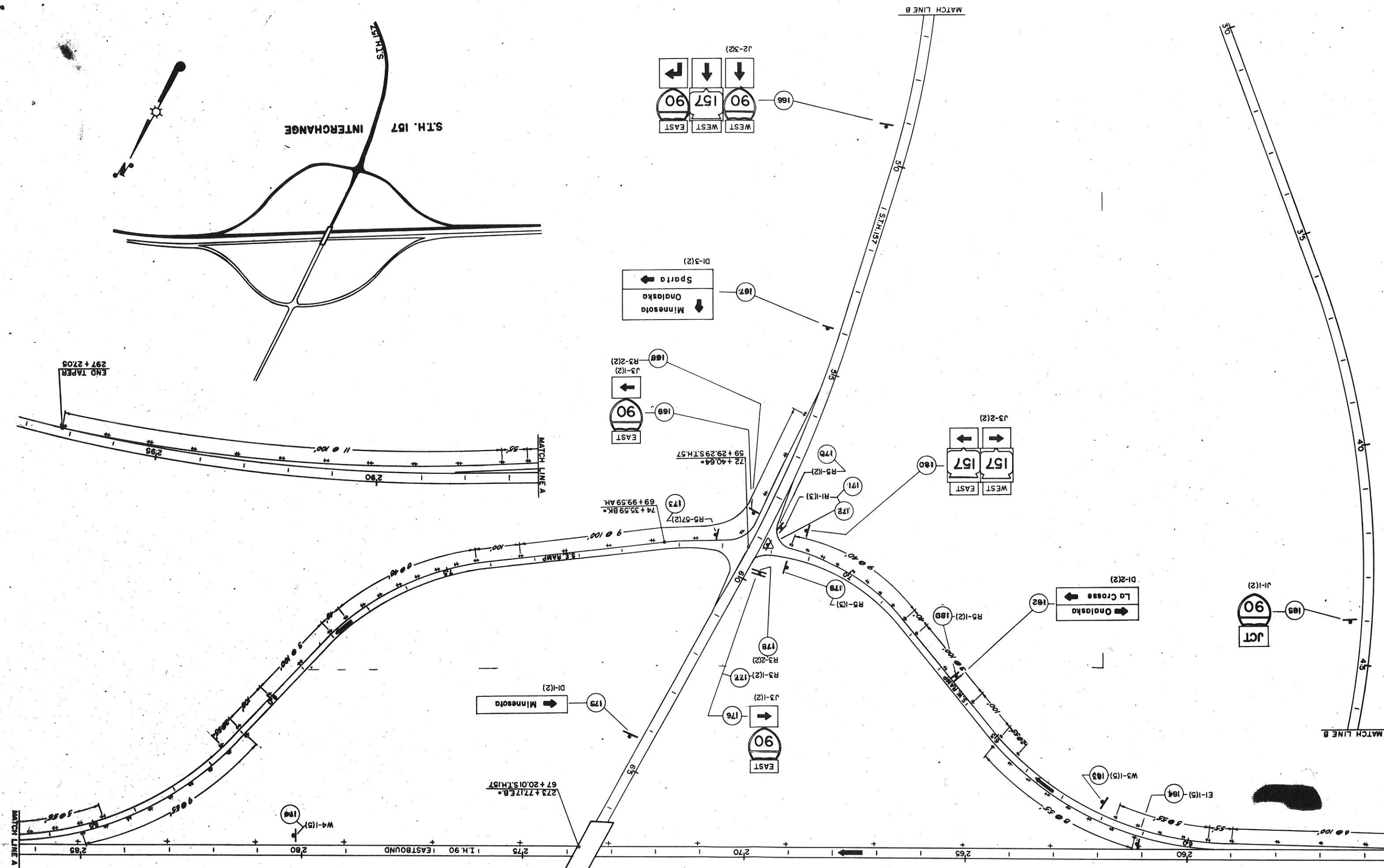
PLACE SINGLE UNIT DELINEATORS AT STA. 242+00 E. BOUND AND AT EACH EVEN NO. STA. THEREAFTER THRU STA. 254. RESUME DELINEATING AT STA. 298 THRU STA. 340.

PLACE DOUBLE AMBER DELINEATORS ON TEMPORARY CONNECTION AT 50' INTERVALS BOTH E. BOUND & W. BOUND.

250-WATT M.V. LUMINAIRES (INSTALLED BY STATE)

WI-6L(5) AND WI-51L(5) FURNISHED BY CONTRACTOR ERECTED BY STATE ON STATE FURNISHED SKIDS. ALL ELECTRICAL EQUIPMENT FURNISHED AND INSTALLED BY STATE.

PROJECT	190-1(01)
SHEET NUMBER	66
TOTAL SHEETS	66



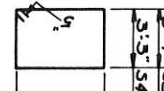
APPROVED	DESIGNED	DRAWN	CHECKED	DATE	SCALE
<i>(Signature)</i>	<i>(Signature)</i>	<i>(Signature)</i>	<i>(Signature)</i>	7-11-63	AS SHOWN

STATE HIGHWAY COMMISSION OF WISCONSIN
LACROSSE

DETAIL A



DETAIL B



DETAIL R



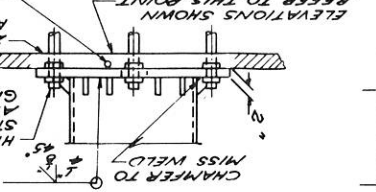
DETAIL D



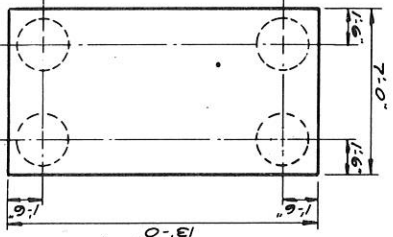
ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT
1. ALUMINUM SIGN BRIDGES, 30' WIDE	1	EA
2. 2x4x8x12 SIGN SUPPORTS	1	EA
3. 2x4x8x12 SIGN SUPPORTS	1	EA
4. 2x4x8x12 SIGN SUPPORTS	1	EA

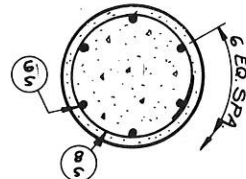
ELEVATION



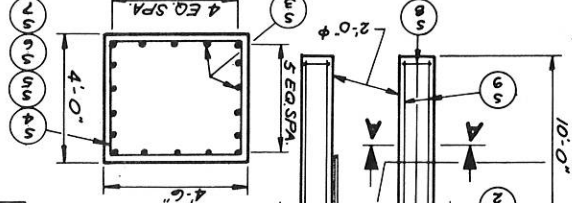
FOOTING



SECTION A-A

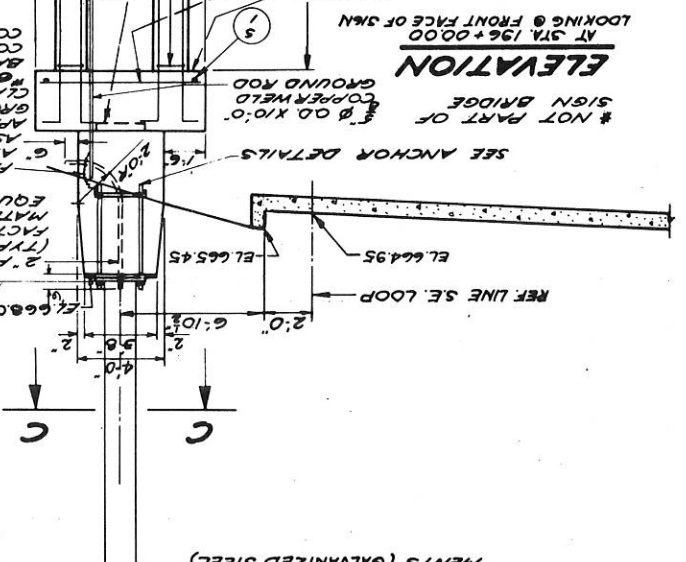


SECTION B-B



1-3/4" x 1-3/4" x 2" CONST. JT FORMED BY SURFACED, BEVELED KEYWAY.

ELEVATION



BILL OF BARS

MARK	NO.	SIZE	LENGTH	SMOOTHING	LOCATION	DEPT.
51	10	7	12.6	8	FOOTING	
52	12	5	6.6	1-1/2		
53	18	8	6.0	SHOWN		
54	1	4	15.0	1-0		
55	1	4	15.3	1-0		
56	1	4	15.6	1-0		
57	4	4	15.9	1-0		
58	40	4	5.9	1-0		
59	24	8	12.0	SHOWN		

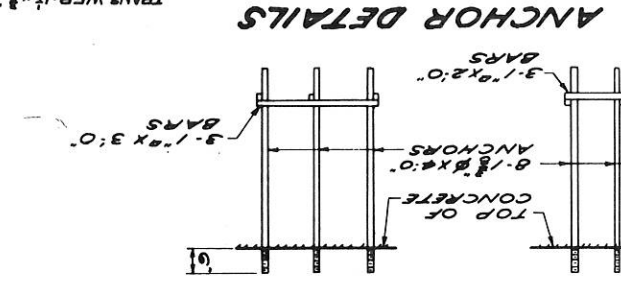
TRUSS SECTIONS (TYPICAL)



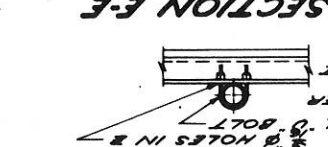
WEB ARRANGEMENT FOR 30 FT. TRUSS



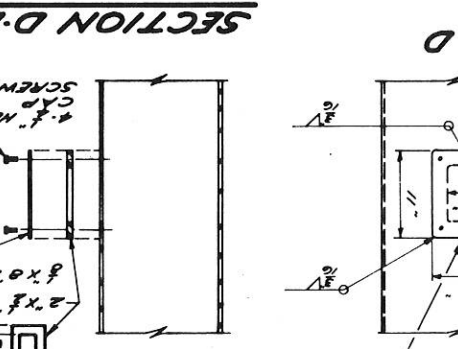
TYPICAL SIGN CONNECTION



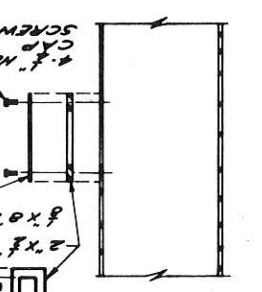
SECTION E-E



HANDHOLE DETAILS



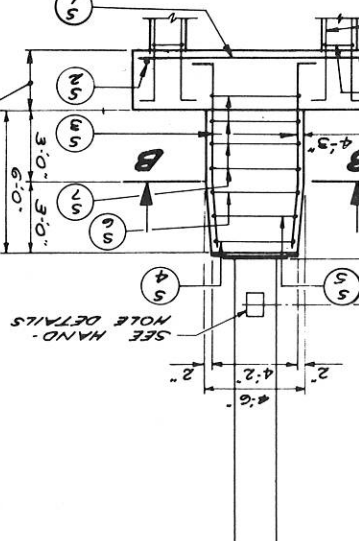
SECTION D-D



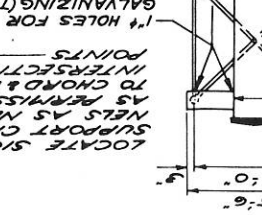
GENERAL NOTES

- 1. DRAWINGS SHALL NOT BE SCALED.
- 2. ALL CONCRETE MASONRY SHALL BE GRADE A.
- 3. REINFORCEMENT SHALL BE GALVANIZED UNLESS OTHERWISE SPECIFIED.
- 4. CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
- 5. BAR STEEL REINFORCEMENT SHALL BE HYDRODIP GALVANIZED UNLESS OTHERWISE SPECIFIED.
- 6. ALL STRUCTURAL STEEL MEMBERS SHALL BE GALVANIZED.
- 7. CAPSCREWS SHALL BE GALVANIZED.
- 8. WIND PRESSURE SHALL BE APPLIED TO TRUSS MEMBERS OR SUPPORTS.
- 9. WIND LOAD PARALLEL TO THE FACE OF THE SIGN WAS TAKEN AS 50% OF THE WIND LOAD NORMAL TO THE SIGN WHEN COMBINED WITH FULL NORMAL WIND LOAD OR 50% OF NORMAL WIND LOAD WHEN COMBINED WITH 50% OF FULL NORMAL WIND LOAD.
- 10. THE USE OF STRUCTURAL GRADE BAR STEEL IS PERMITTED IN CASES I AND II.
- 11. CASE I - 25% INCREASE FACTOR.
- 12. CASE II - 50% INCREASE FACTOR.
- 13. ALL ALLOWABLE STRESS INCREASE FACTOR OF 95% WAS PERMITTED IN CASES I AND II.
- 14. WAS TAKEN AS 2 TONS PER SQ. FT.
- 15. THE ALLOWABLE SOIL BEARING MEASURE WAS TAKEN AS 2 TONS PER SQ. FT.
- 16. THE LIVE LOAD USED WAS A SINGLE 500 LB LIVE LOAD PERMANENTLY APPLIED TO SIGN ON LIGHTING SUPPORT BRACKET APPLIED AT CRITICAL POINT.

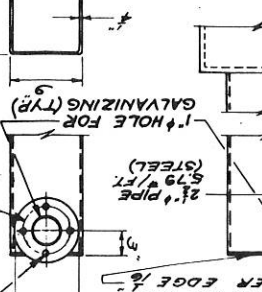
END VIEW



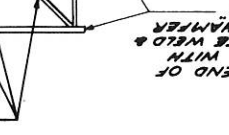
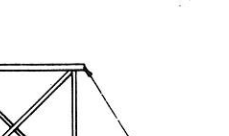
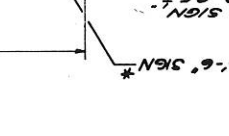
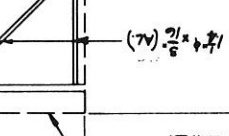
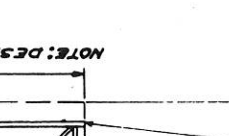
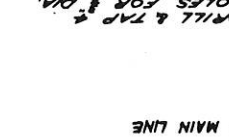
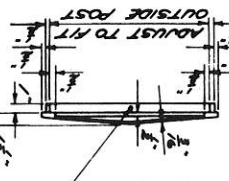
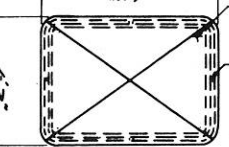
SPlice



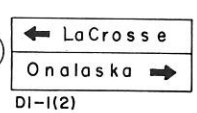
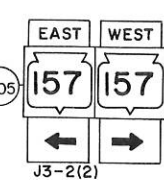
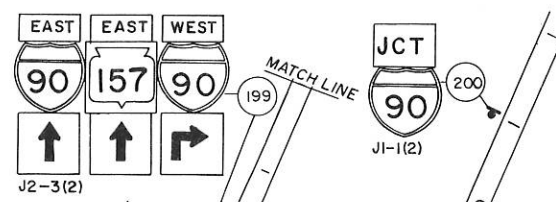
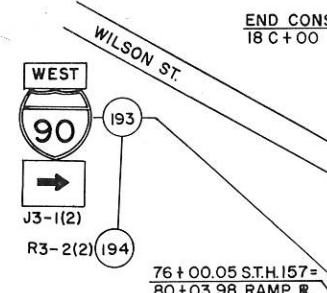
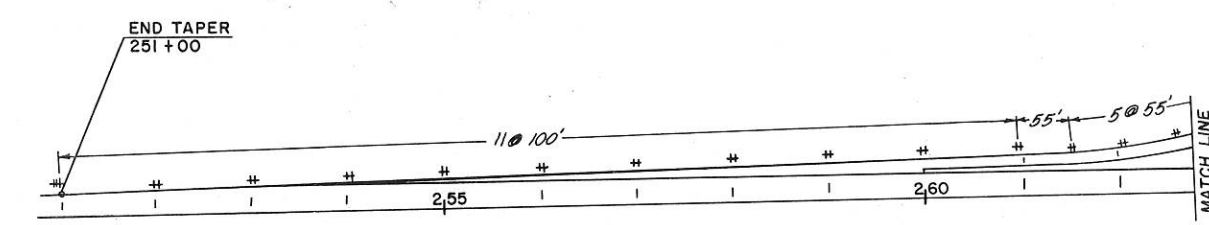
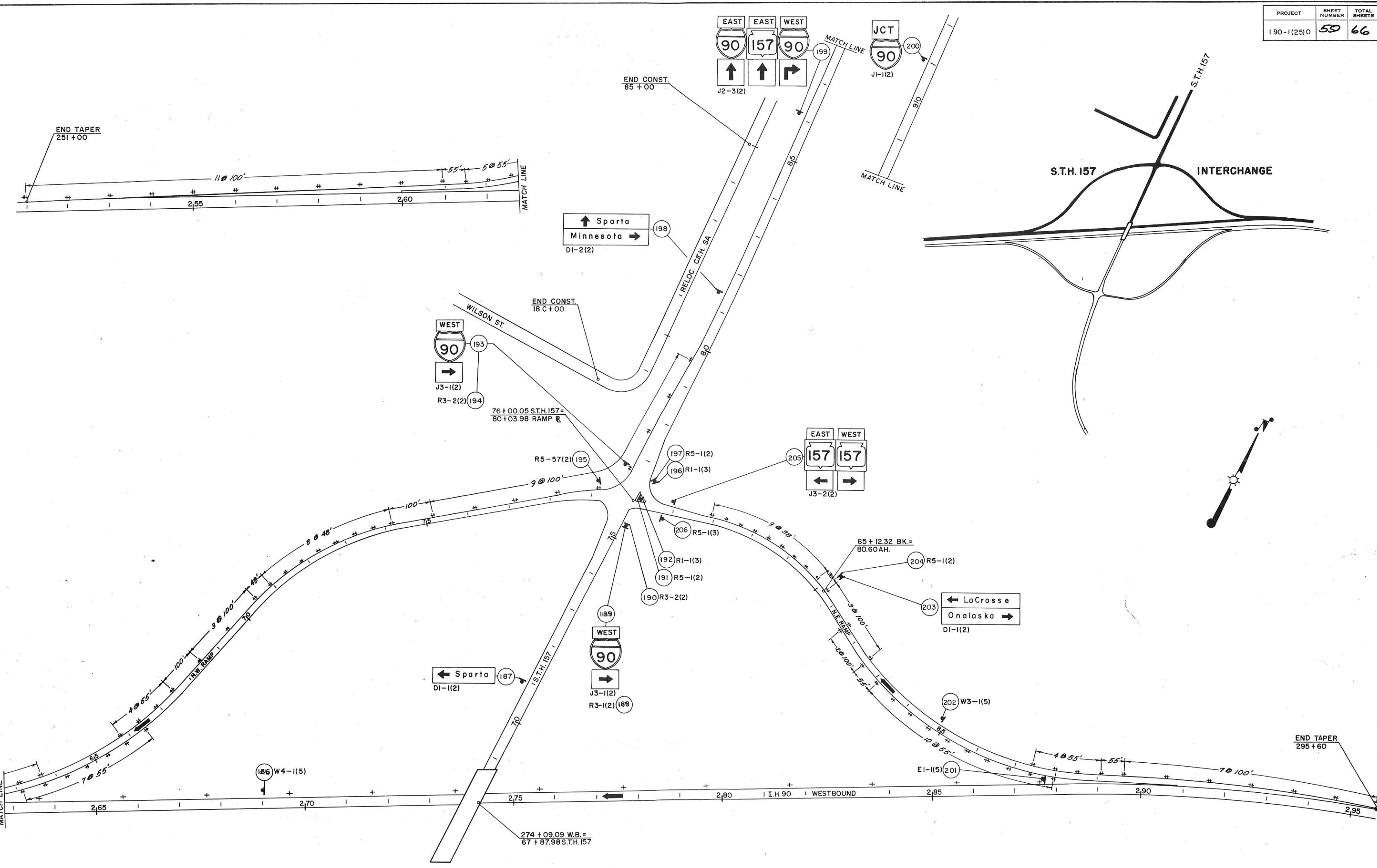
COLUMN



AP DETAILS



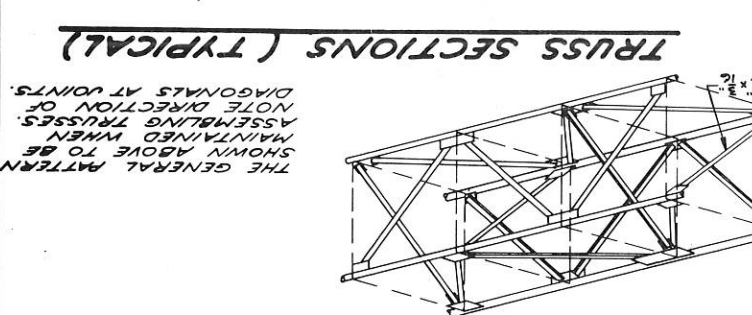
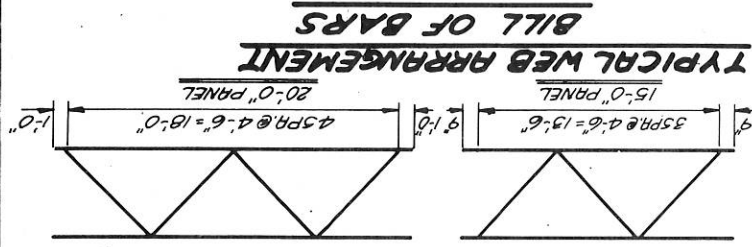
PROJECT	SHEET NUMBER	TOTAL SHEETS
I 90-1(25)0	59	66



274 + 09.09 W.B. =
67 + 87.98 S.T.H. 157

REVISION					
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.
DATE	10/16/66	DESIGN	J.C.K.	BY	J.C.K.

MARK NO	SIZE	LENGTH	SPACING	LOCATION	DET.
51	10	7	12-6	FOOTING	
52	12	5	6-6	1-1/2"	
53	18	8	8-0	SHOWN	
54	1	4	15-0	1-0"	
55	1	4	15-3	1-0"	
56	1	4	15-6	1-0"	
57	1	4	15-9	1-0"	
58	40	4	5-9	1-0"	
59	24	8	12-0	SHOWN	

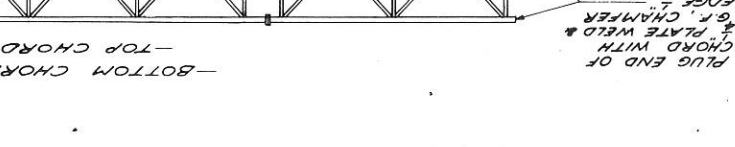
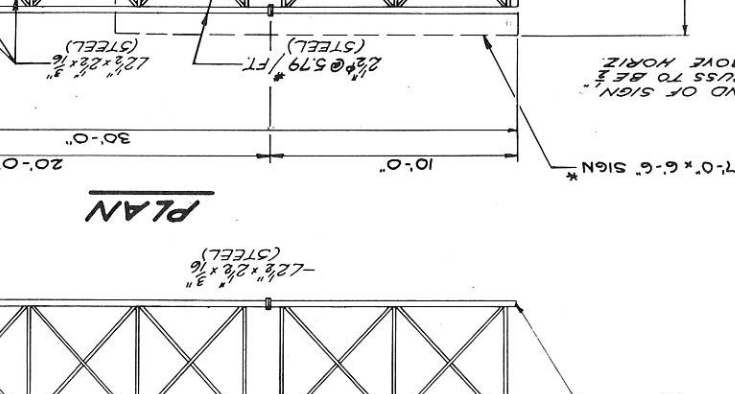
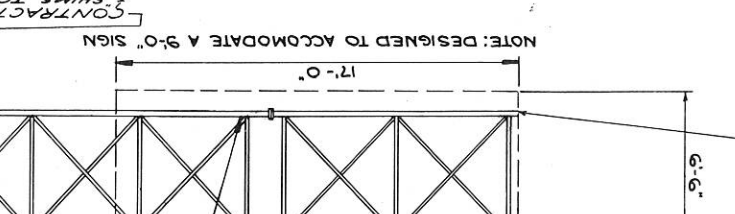
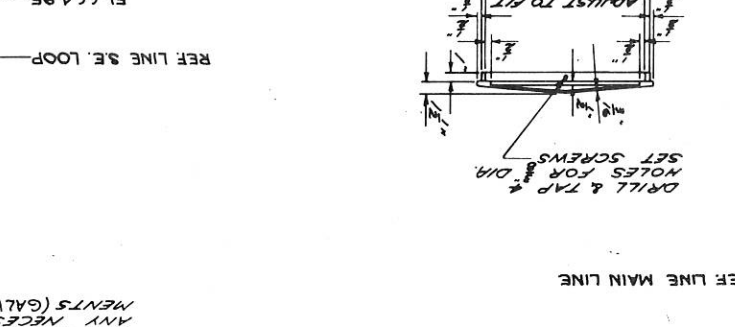
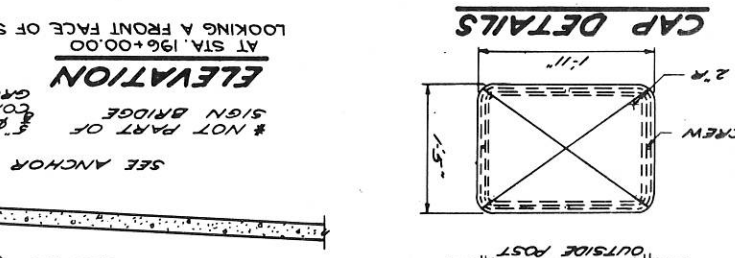
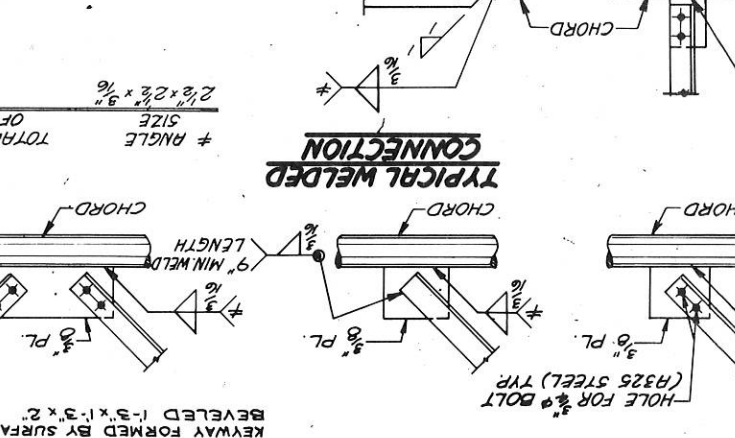
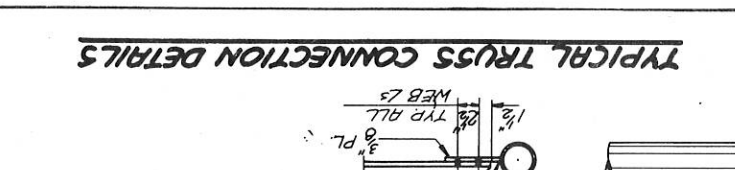
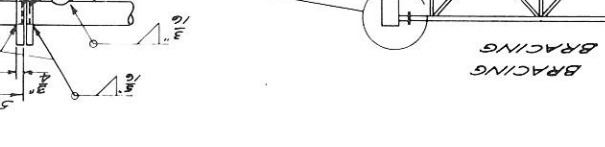
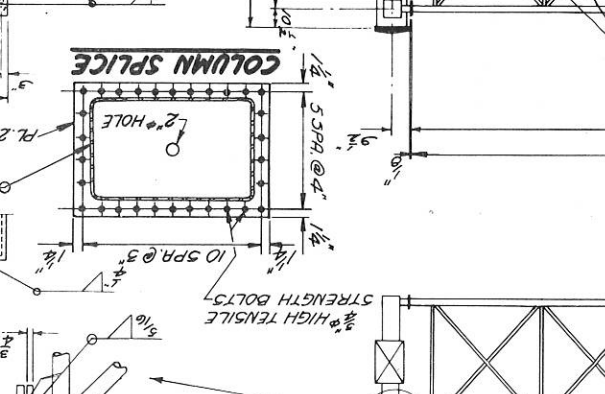
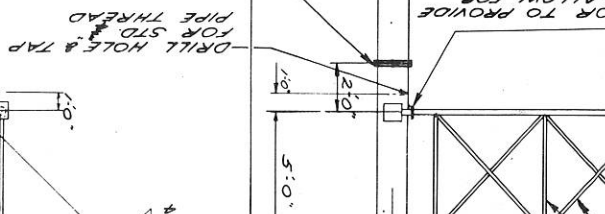
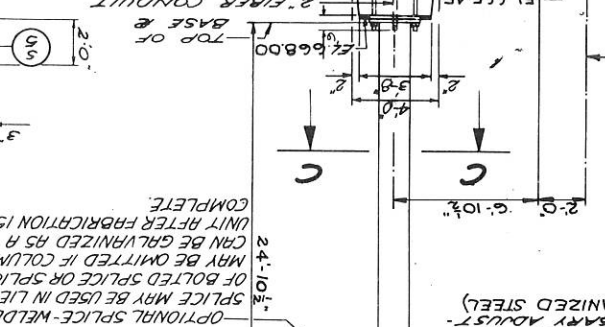
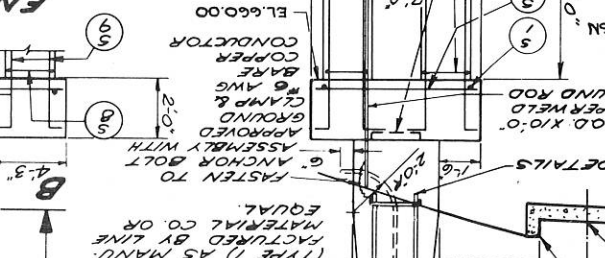
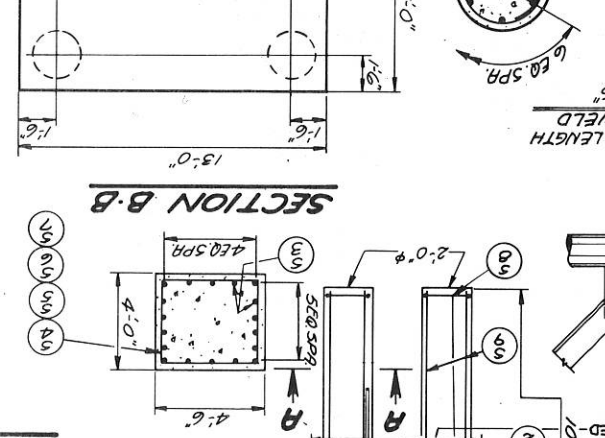
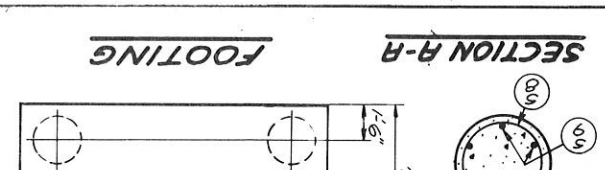
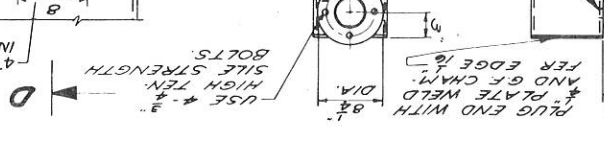
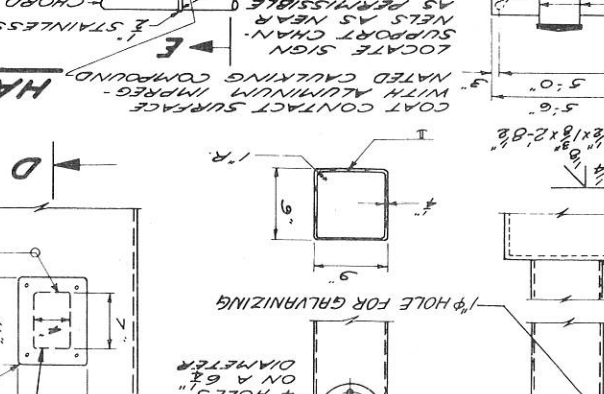
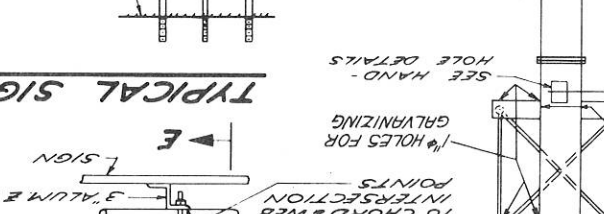
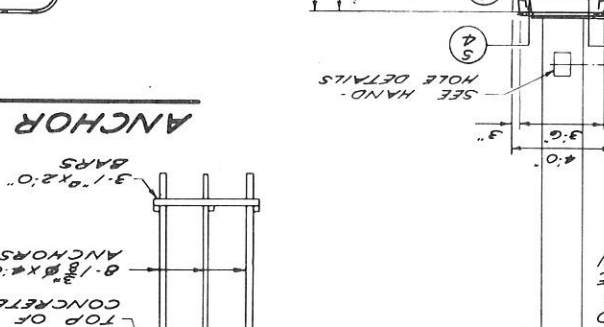
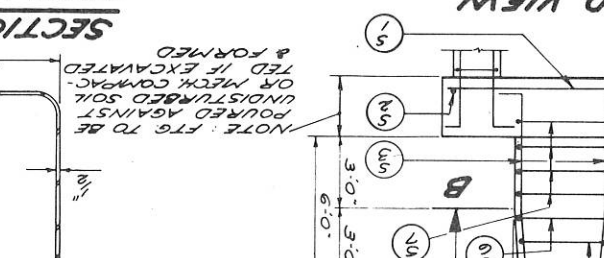
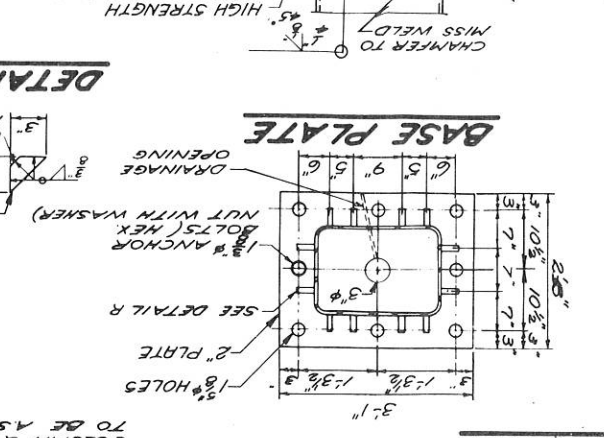
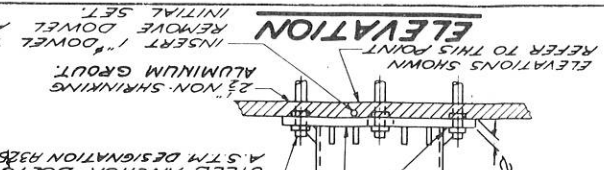
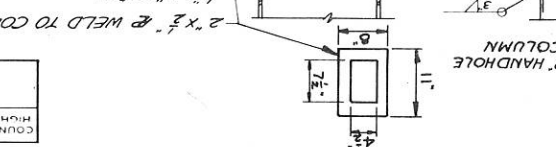
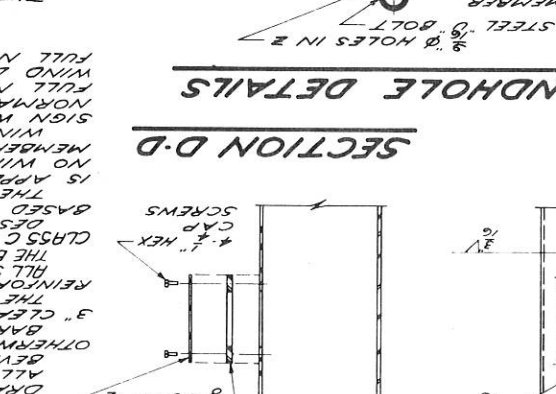
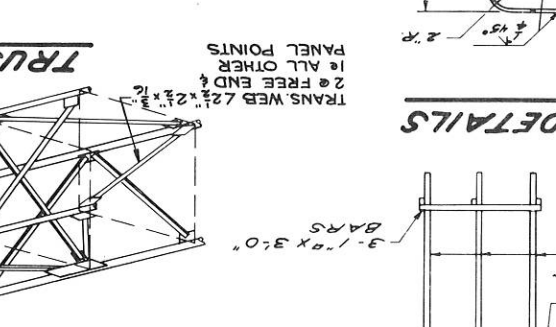
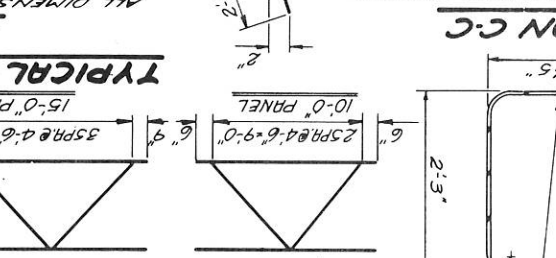
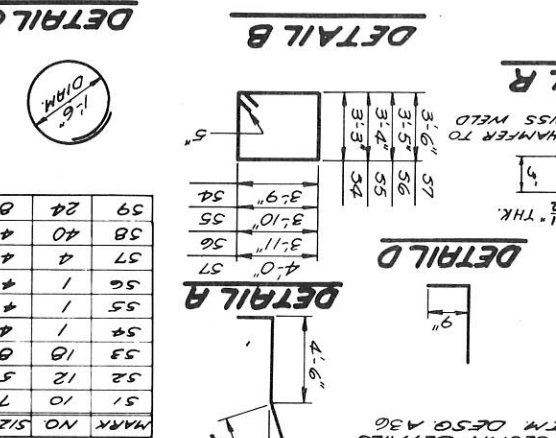


THE GENERAL PATTERN SHOWN ABOVE TO BE MAINTAINED WHEN ASSEMBLING TRUSSES. NOTE DIRECTION OF DIAGONALS AT JOINTS.

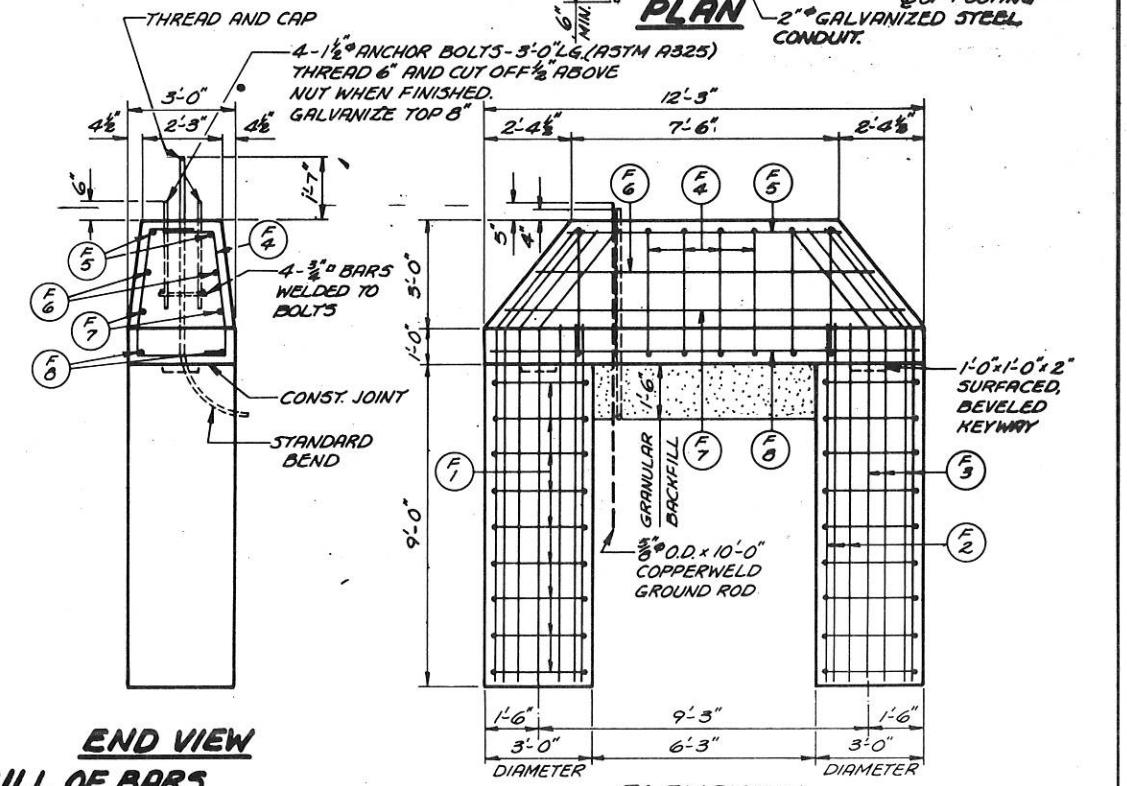
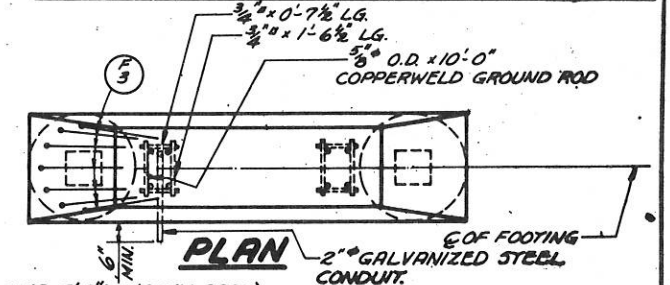
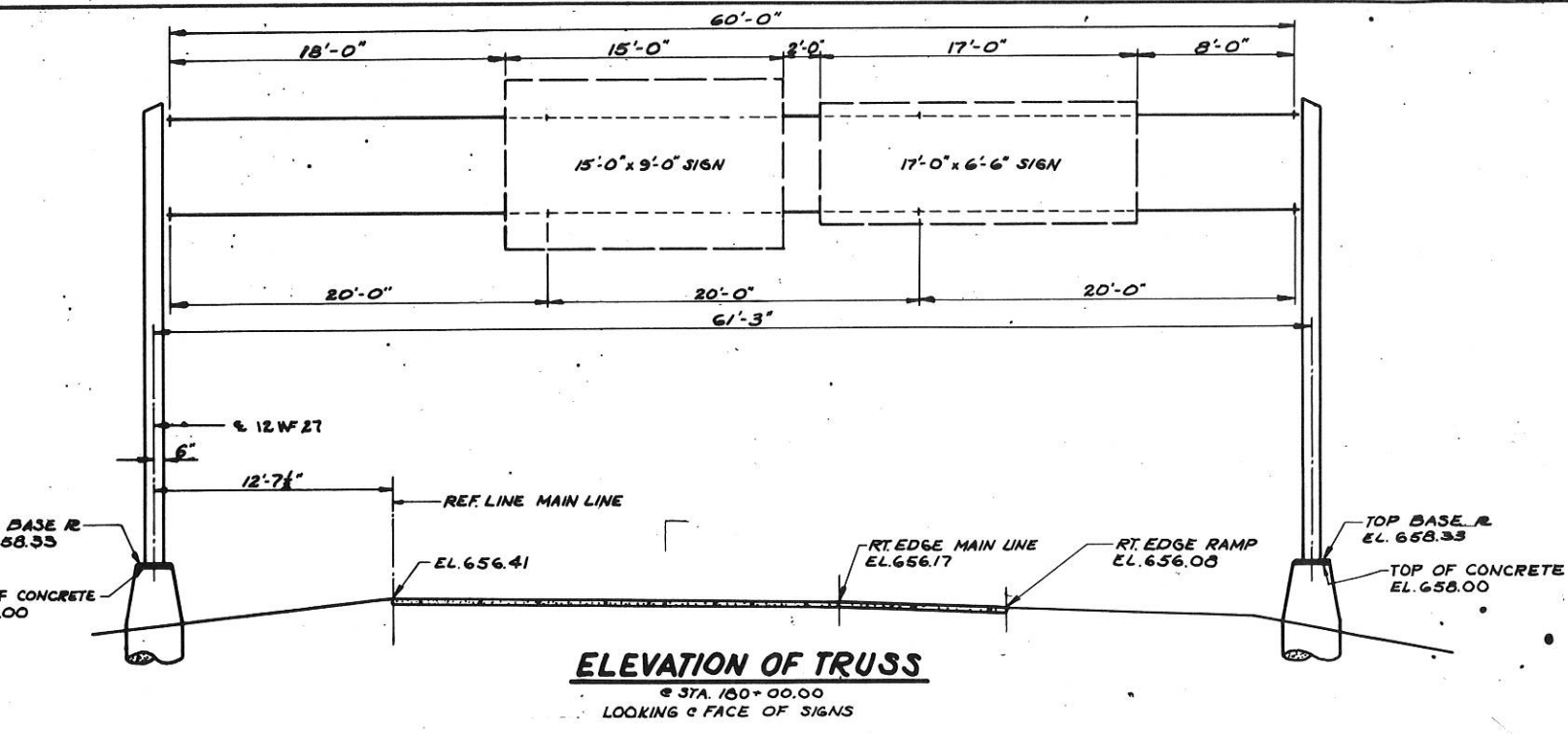
GENERAL NOTES
DRAWINGS SHALL NOT BE SCALED UNLESS OTHERWISE SPECIFIED.
ALL CONCRETE MASONRY SHALL BE GRADE MA.
REINFORCED CONCRETE SHALL BE GALVANIZED ASTM A108
CLAS C OR ASTM A104 TYPE GS
DESIGN WIND PRESSURE WAS TAKEN AS 5.77
BASED ON A 100 MPH WIND.
THE DESIGN AREA TO WHICH THIS WIND PRESSURE IS APPLIED IS A SIGN 9'X19' ON A 30' TRUSS.
WIND LOAD PARALLEL TO THE FACE OF THE SIGN WAS TAKEN AS 20% OF THE WIND LOAD NORMAL TO THE SIGN WHEN COMBINED WITH FULL NORMAL WIND LOAD, OR 30% OF NORMAL WIND LOAD WHEN COMBINED WITH 60% OF FULL NORMAL WIND LOAD.
THE FOLLOWING THREE CASES OF LOADING COMBINATIONS WERE USED.
CASE I - DL + LIVE LOAD
CASE II - DL + WIND
CASE III - DL + IC + 30 P.S.F. WIND
AN ALLOWABLE STRESS INCREASE FACTOR OF 0.5% WAS PERMITTED IN CASES II AND III AND 25% FOR CASE I.
THE ALLOWABLE SOIL BEARING PRESSURE WAS TAKEN AS 2 TONS PER SQ. FT. THE LIVE LOAD PERPENDICULAR TO SIGN ON LIGHTING SUPPORT BRACKET APPLIED AT CRITICAL POINT.

COUNTY	ROUTE	SECTION	CLASS & AGREEMENT	D.P.R.	PROJECT	SHEET NUMBER	TOTAL SHEETS
66	61	150-1150				61	66

ESTIMATED QUANTITIES
SIGN BRIDGE JO. CONCRETE MASONRY SIGN SUPPORTS - 152 CU YD.
SIGN BRIDGE JO. STEEL REINFORCEMENT SIGN SUPPORTS - 1720 LB.
INITIAL SET.



COUNTY & HIGHWAY	ROUTE & SECTION	CLASS & AGREEMENT STATE FEDERAL	S.F.R. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
			4	I-90-1(25)0	62	66



***BILL OF BARS**

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT.

POUR MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DET.
F1	18	4	8-9	1-0	FOOTING HOOPS	A
F2	10	5	10-3	SHOWN	- VERT.	
F3	14	5	13-0	"	"	B
F4	8	4	12-3	1-0	" - STIRRUPS	C
F5	2	4	7-3	SHOWN	" - HORIZ.	
F6	2	4	8-9	"	"	
F7	2	4	10-9	"	"	
F8	2	4	11-9	"	"	

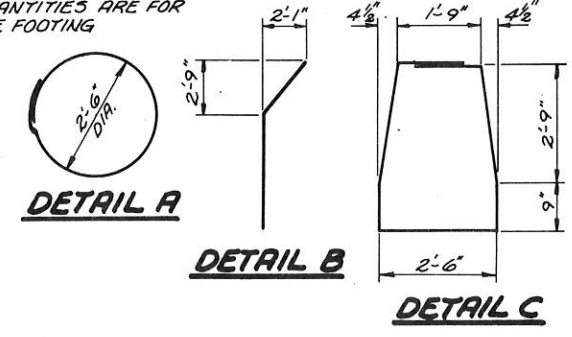
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
 BEVEL ALL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
 BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 3" CLEAR.
 THREADS OF 2" CONDUIT AND CAP SHALL BE GALVANIZED ASTM A153 CLASS C OR ASTM A164 TYPE G3.

LIST OF DRAWINGS

1. GALVANIZED STEEL SIGN BRIDGE — X36292
2. GALVANIZED STEEL SIGN BRIDGE — X36293

* QUANTITIES ARE FOR ONE FOOTING

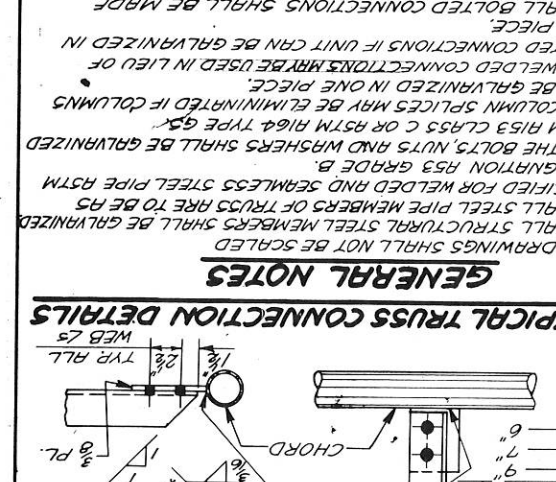
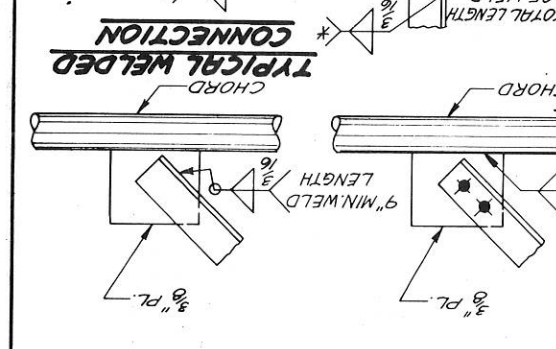
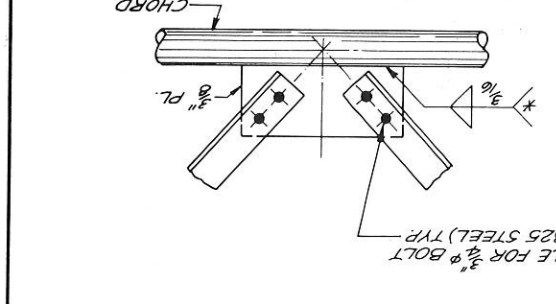
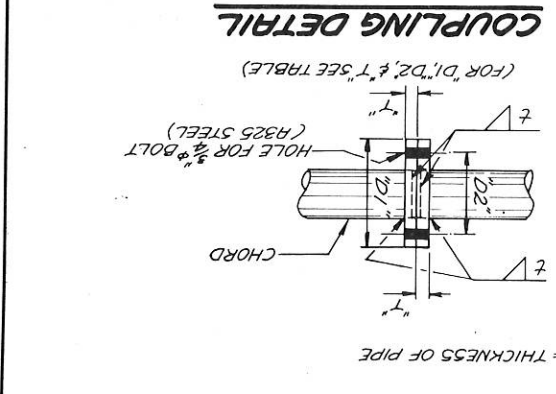


TOTAL ESTIMATED QUANTITIES

SIGN BRIDGES, 60 FT. — 1 EACH
 CONCRETE MASONRY, SIGN SUPPORTS — 18.1 C.Y.
 BAR STEEL REINFORCEMENT, SIGN SUPPORTS — 1040 LBS.

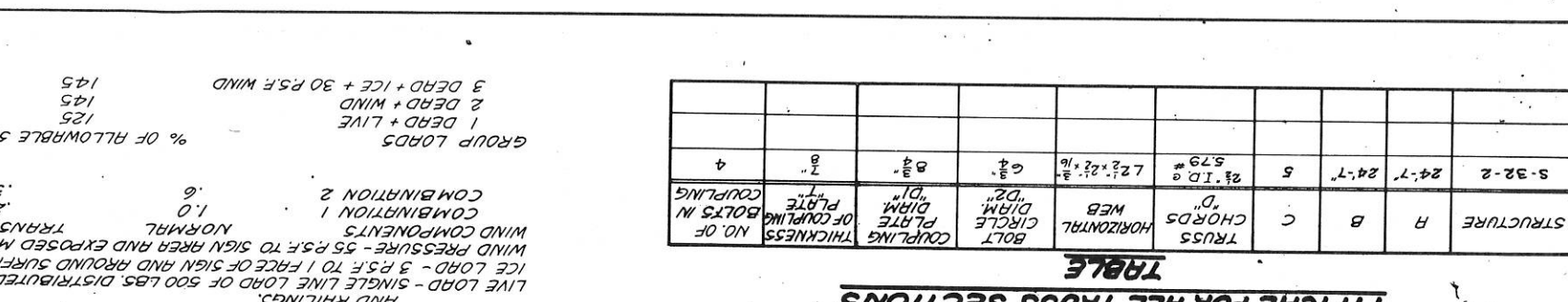
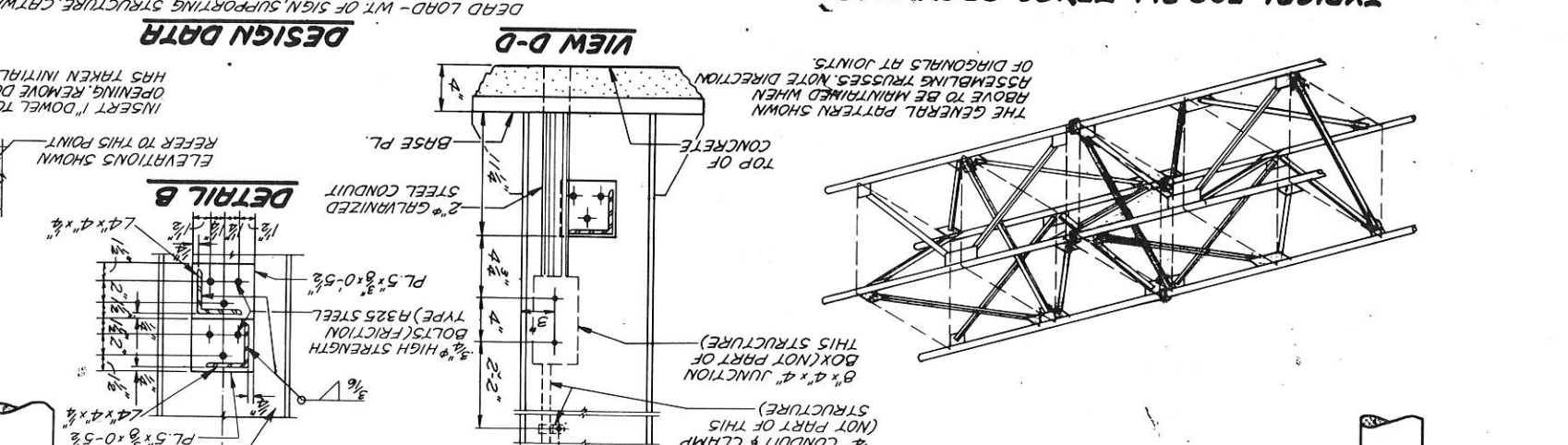
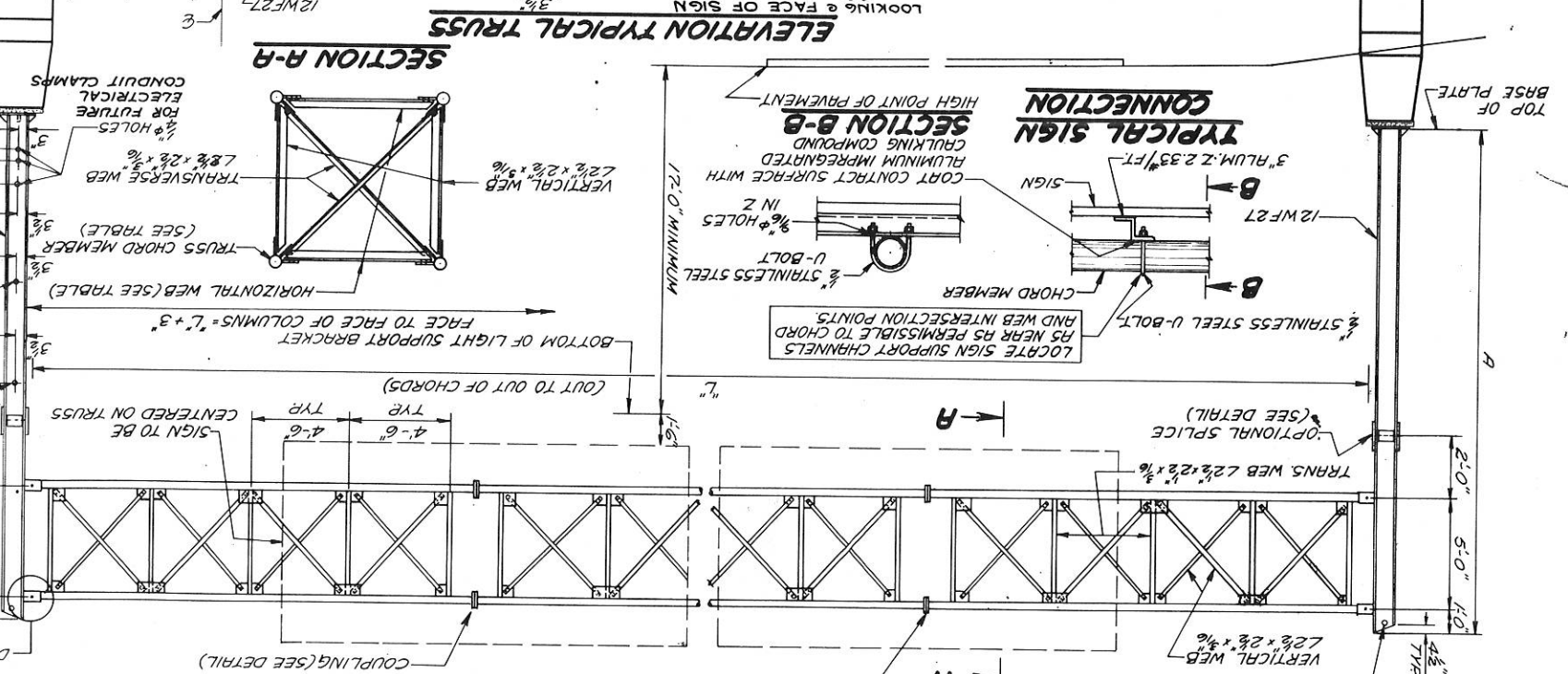
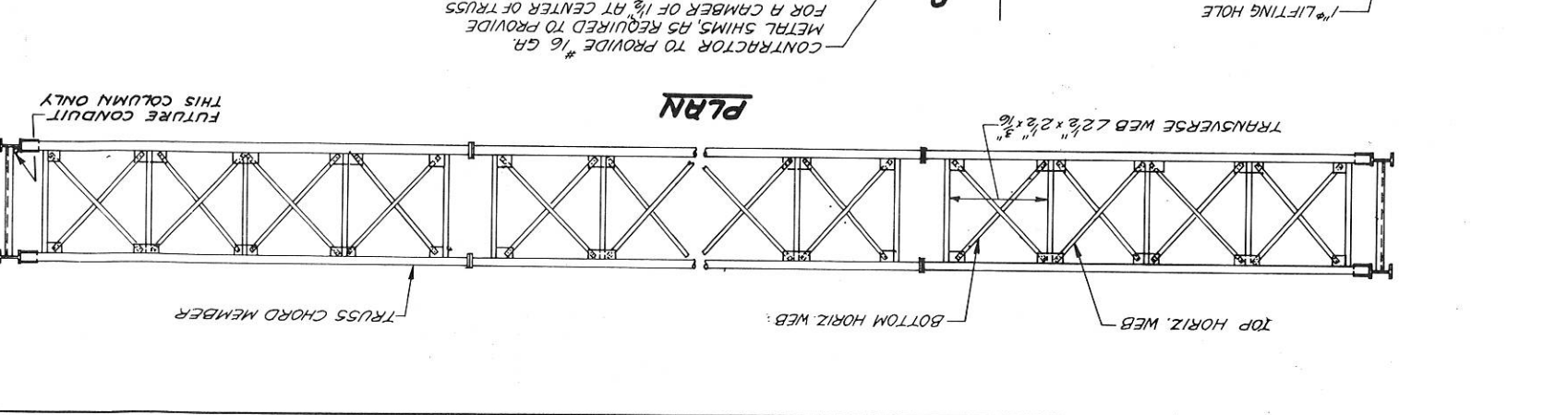
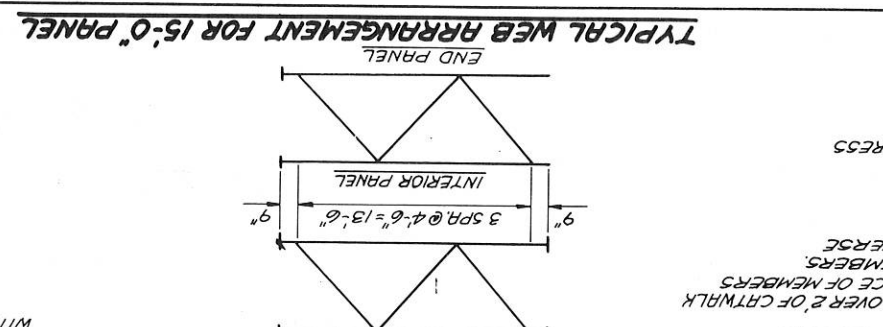
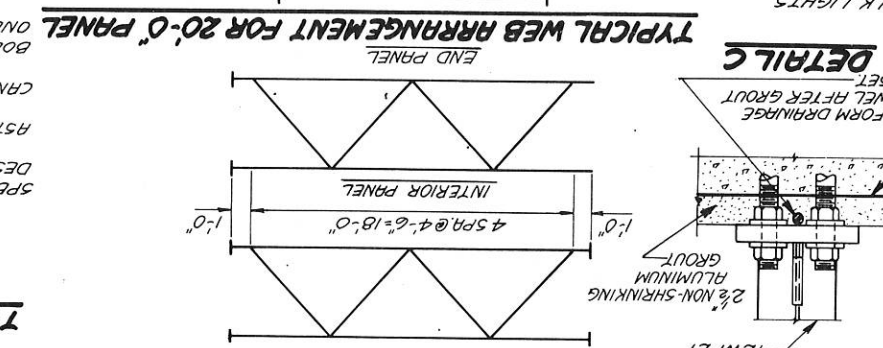
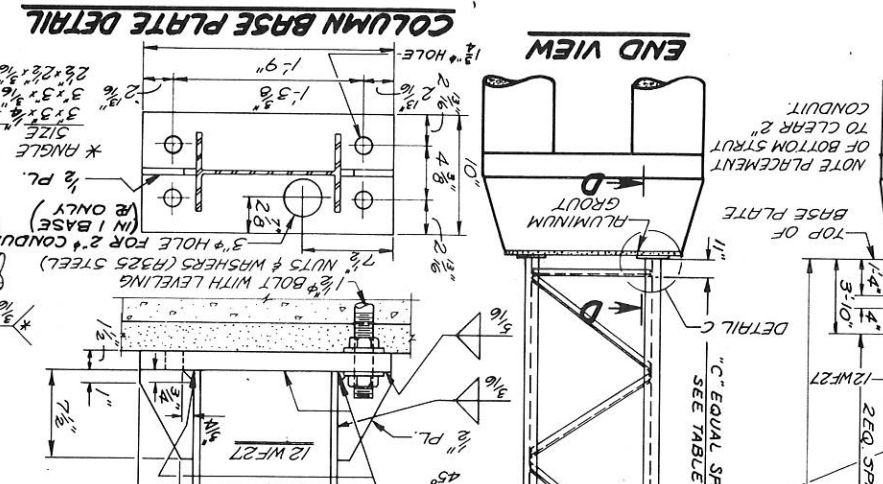
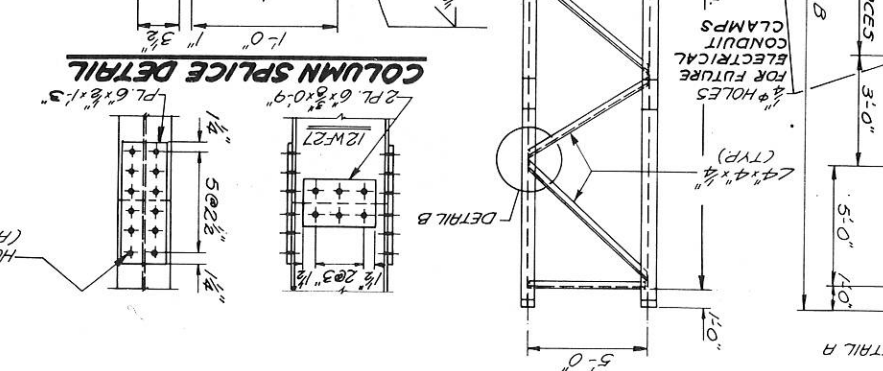
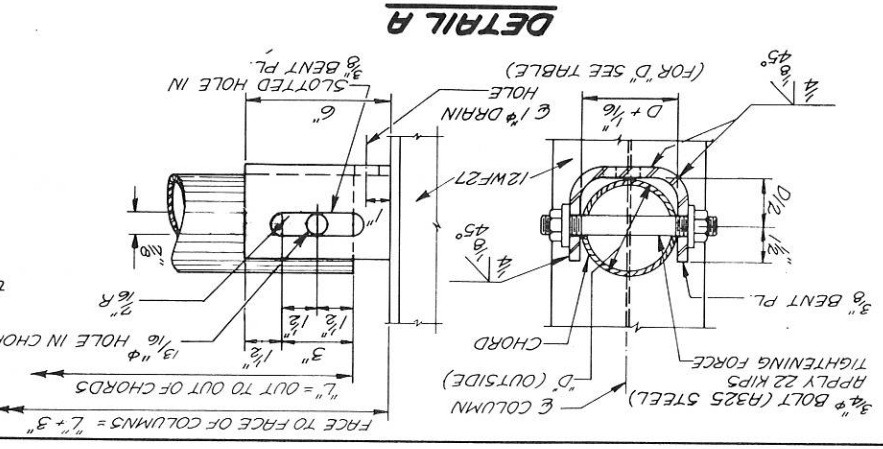
REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN		
	GALVANIZED STEEL SIGN BRIDGE		
CO. LACROSSE	CITY VIL. TN.	STA. 180+00	
SECTION	TOWN	RANGE	
DESIGN SPEC. R.A.S.H.O. 61	LOADING 100 MPH WIND	CONSTR. SPEC. 1963	
DATE 10-18-66	DESIGN J.B.	DRAWN T.M.	CRD. F.O.M.
RECOMMENDED	T. B. Schultz CHIEF BRIDGE ENGINEER		
APPROVED:	STATE HIGHWAY ENGINEER		
STRUCTURE S-32-2	SHEET 1 OF 2		

B.P.R.	DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
		I-58-1(5)0	63	66

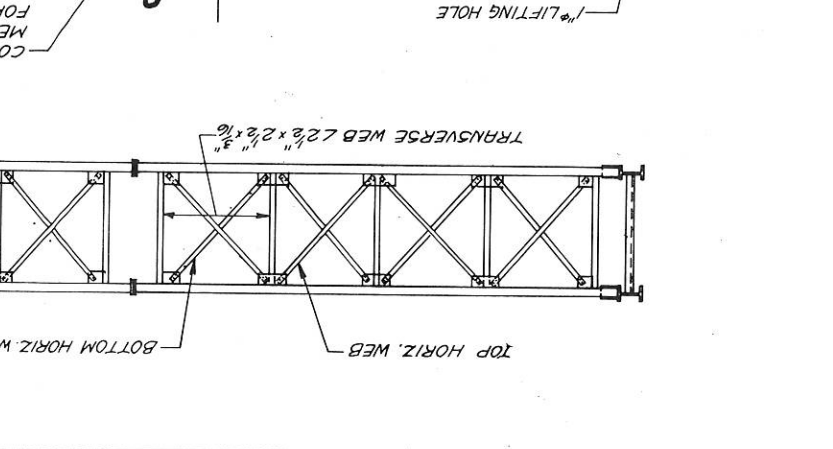
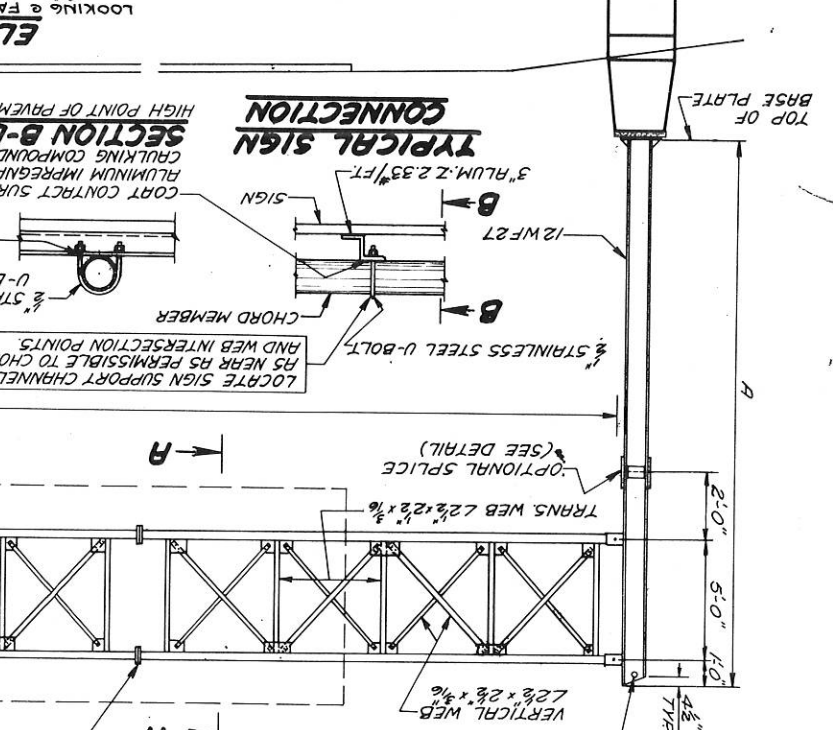
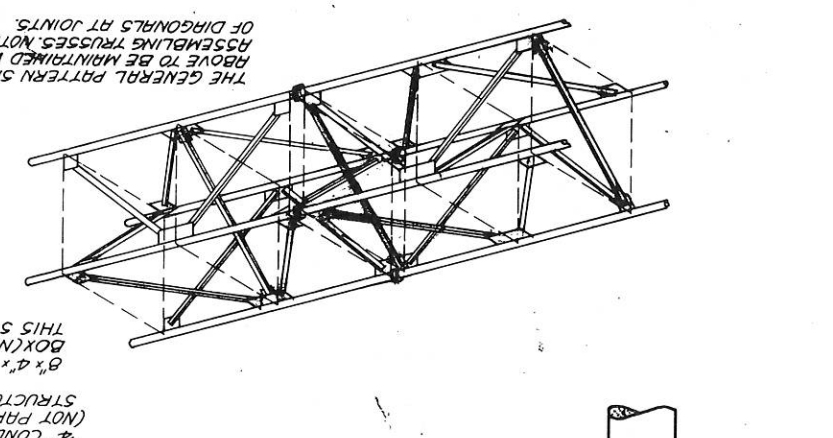


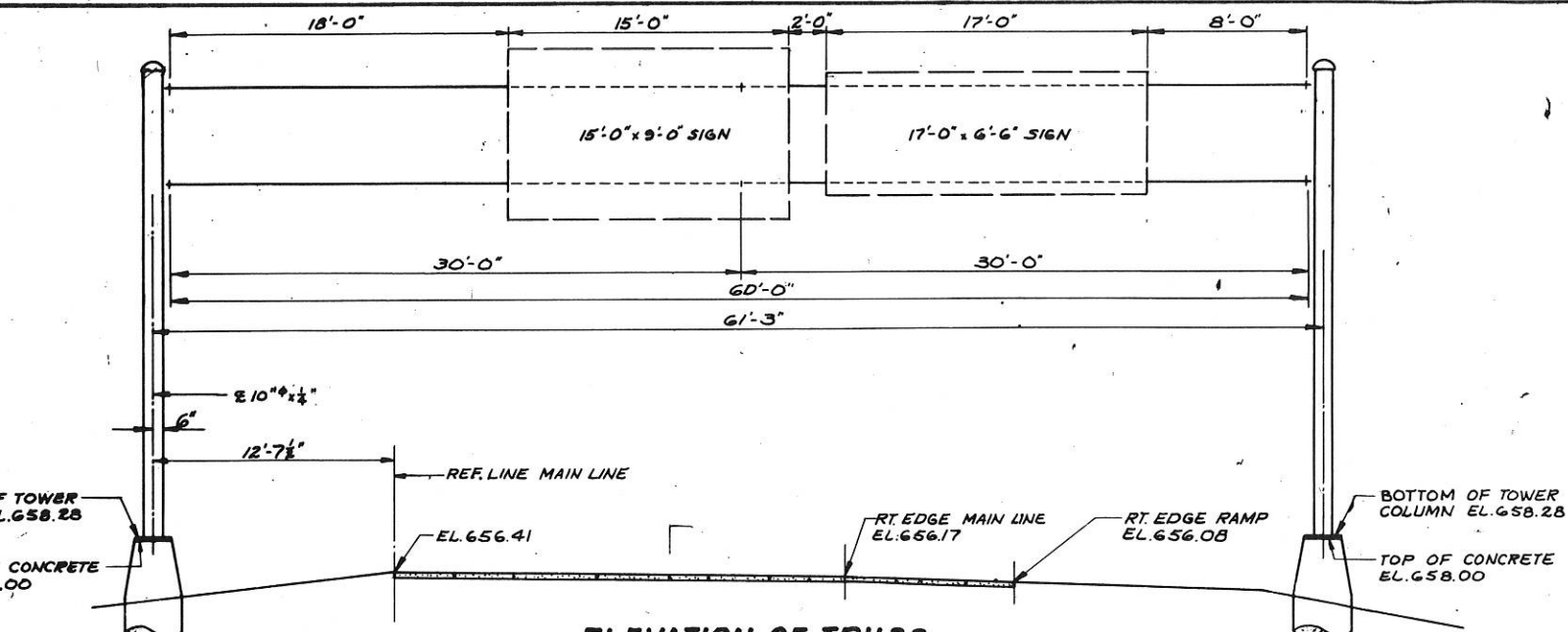
REVISIONS	DATE	BY	DESCRIPTION

STATE HIGHWAY COMMISSION OF WISCONSIN
GALVANIZED STEEL SIGN BRIDGE
 DESIGN SPEC. R.S.H.D. 61
 LOADING MIN. SPEC. 1963
 CRK. J.B.
 DRAWN M.M.
 SHEET 2 OF 2
 STRUCTURE S-32-2



STRUCTURE	H	B	C	TRUSS CHORDS	HORIZONTAL WEB	PLATE DIM.	CIRCLE DIM.	BOLT PLATE DIM.	COUPLING THICKNESS	NO. OF BOLTS IN COUPLING
S-32-2	24'-7"	24'-7"	5	2 1/2" ID	2 1/2" x 2 1/2" x 1/8"	6 1/2"	6 1/2"	8 1/2"	3/8"	4





ELEVATION OF TRUSS

STA. 180+00.00
LOOKING @ FACE OF SIGNS

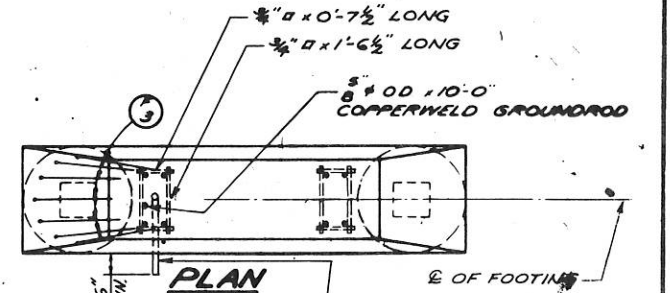
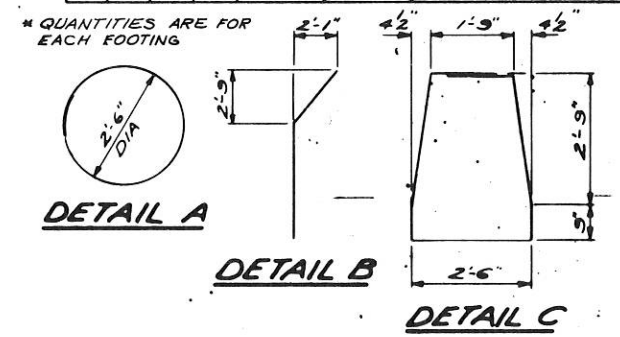
***BILL OF BARS**
DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT.

PR	MK	NO	SIZE	LENGTH	SPACING	LOCATION	DET
FOOTING	F1	18	4	8-9	1-0	FOOTING HOOPS	A
	F2	10	5	10-9	SHOWN	- VERT	
	F3	14	5	13-0			B
	F4	8	4	12-3	1-0	- STIRRUPS	C
	F5	2	4	7-3	SHOWN	- HORIZ	
	F6	2	4	8-9			
	F7	2	4	10-9			
	F8	2	4	11-9			

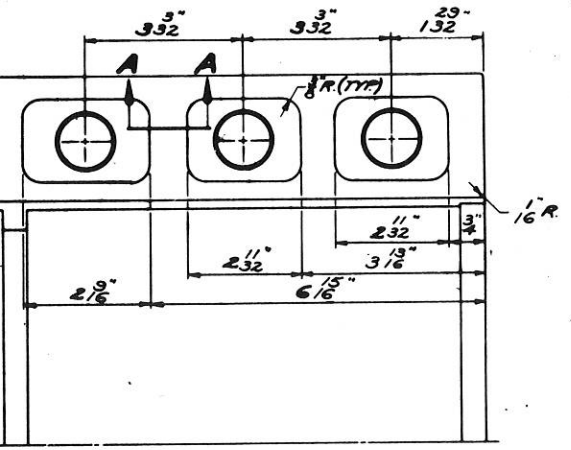
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED
ALL CONCRETE MASONRY SHALL BE GRADE "AA"
BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED
BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 3" CLEAR
THE USE OF STRUCTURAL GRADE BAR STEEL REINFORCEMENT IS PROHIBITED
IF SIGNS ARE NOT ATTACHED TO THE SIGN BRIDGE AT TIME OF ERECTION CONTRACTOR SHALL WEIGHT TRUSSES TO PREVENT VIBRATIONS AS DIRECTED BY THE ENGINEER.

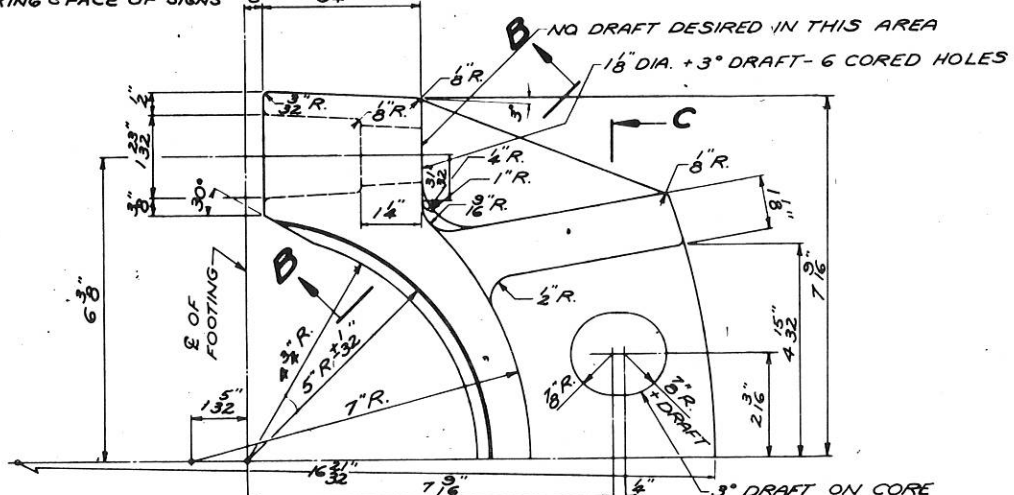
DESIGN WIND PRESSURE WAS TAKEN AS 55#/FT² BASED ON A 100 MPH WIND
DESIGN SPECIFICATIONS A.A.S.H.O. DESIGN AND CONSTRUCTION OF STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS 1961.



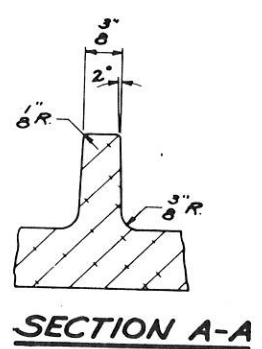
PLAN



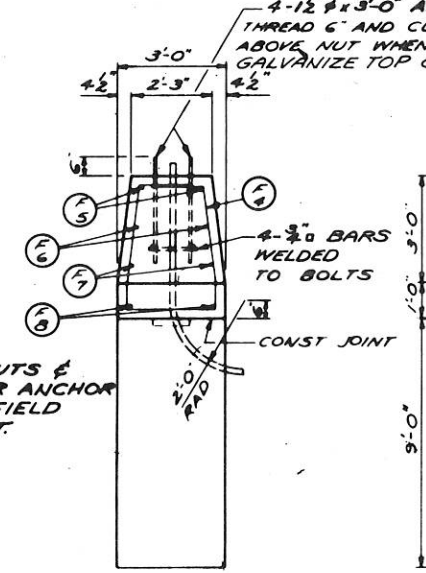
SECTION C-C



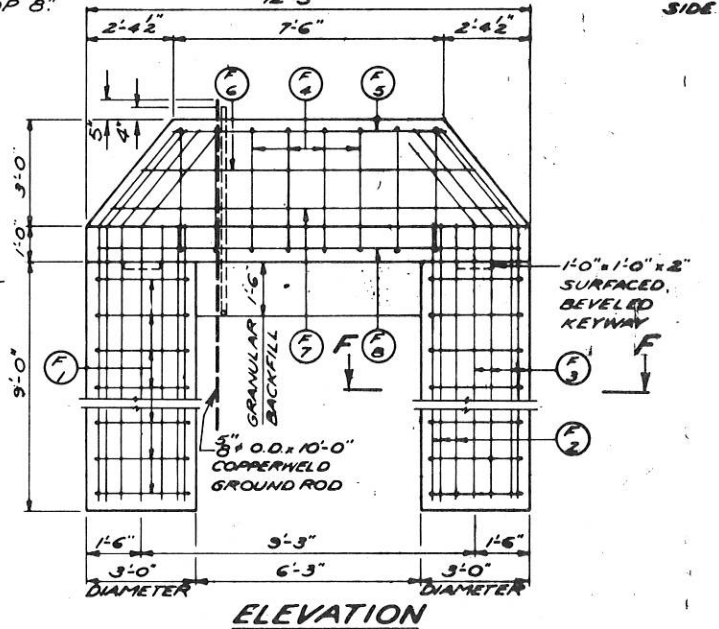
NOTE: PROVIDE 2 NUTS & WASHERS PER ANCHOR BOLT FOR FIELD ADJUSTMENT.



SECTION A-A

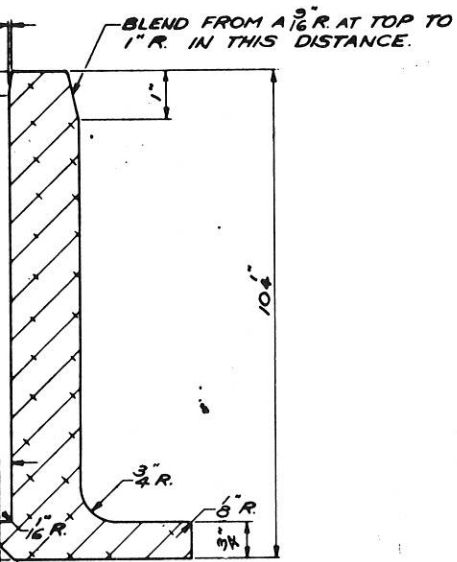


END VIEW

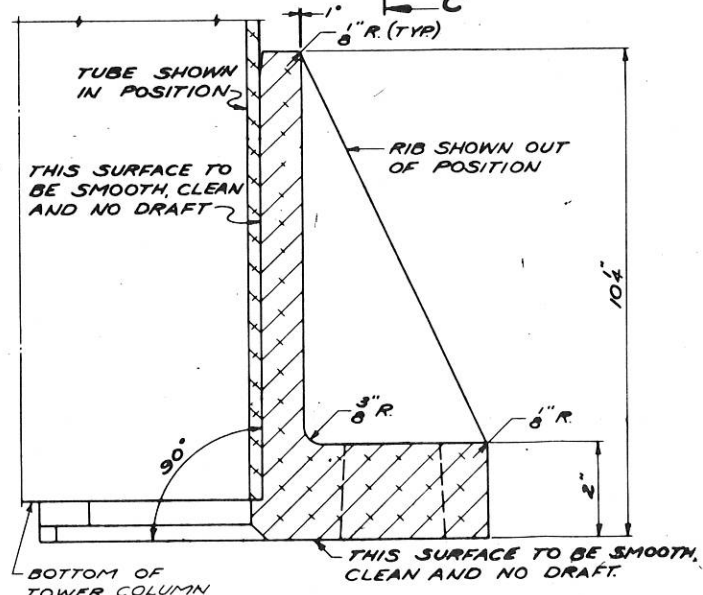


ELEVATION

SECTION F-F



SECTION C-C



SECTION C-C

PROVIDE 1" ALUMINUM BOLTS, LOCKNUTS & STD. WASHERS FOR BASE PLATE CONNECTIONS.

TOTAL ESTIMATED QUANTITIES

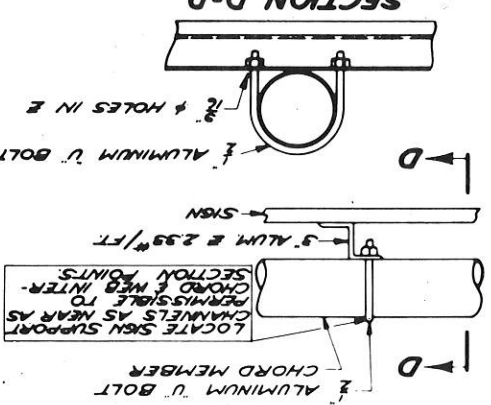
ALUMINUM SIGN BRIDGES @ 60 FT. ——— 1 EACH
CONCRETE MASONRY, SIGN SUPPORTS ——— 18.1 CY.
BAR STEEL REINFORCEMENT, SIGN SUPPORTS — 1040 LB.

LIST OF DRAWINGS

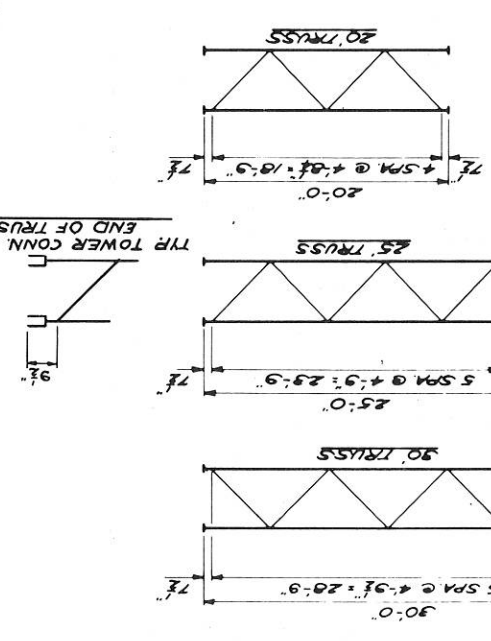
- 1. ALUMINUM SIGN BRIDGES ——— X36294
- 2. ALUMINUM SIGN BRIDGES ——— X36295

REVISED		STATE HIGHWAY COMMISSION OF WISCONSIN	
ALUMINUM SIGN BRIDGES			
CO. LACROSSE	CITY	STA. 180+00	
SECTION	TOWN	RANGE	
DESIGN SPEC. A.A.S.H.O. SIGN SPEC.	LOADING	100 MPH WIND	1963
DATE 10-18-60	DESIGN STD.	DRAWN J.C.K.	CRD. F.O.M.
SUBMITTED	71. B. Schultz		
APPROVED	[Signature]		
STRUCTURE S-32-2	SHEET 1 of 2		

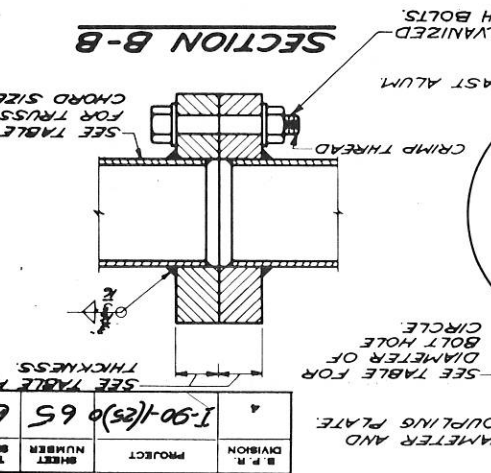
TYPICAL SIGN CONNECTION



WEB ARRANGEMENTS



FLANGE COUPLING DETAILS



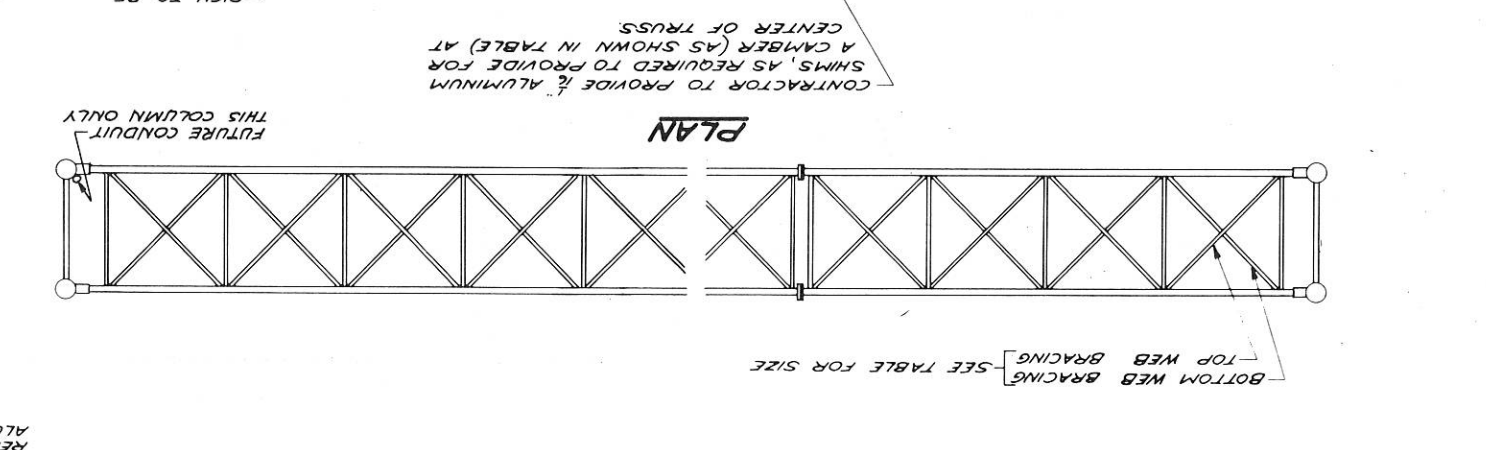
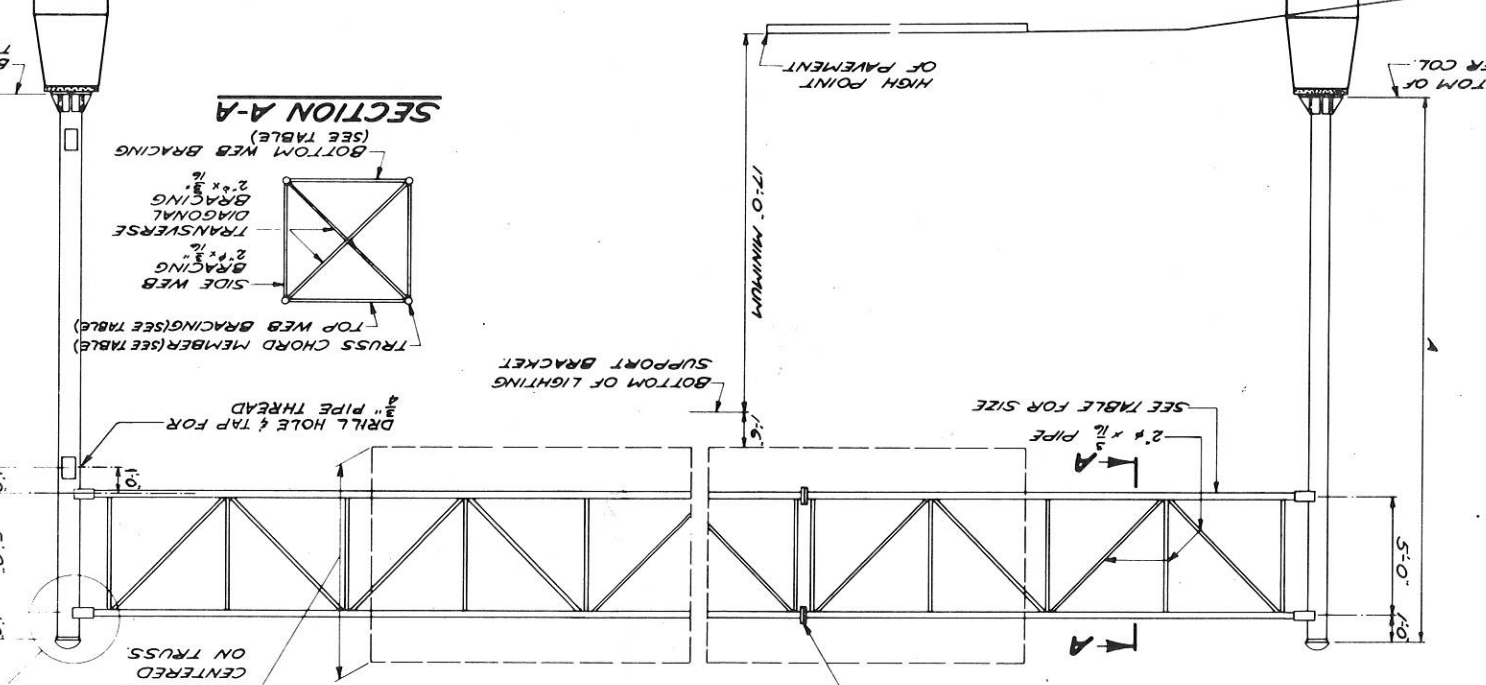
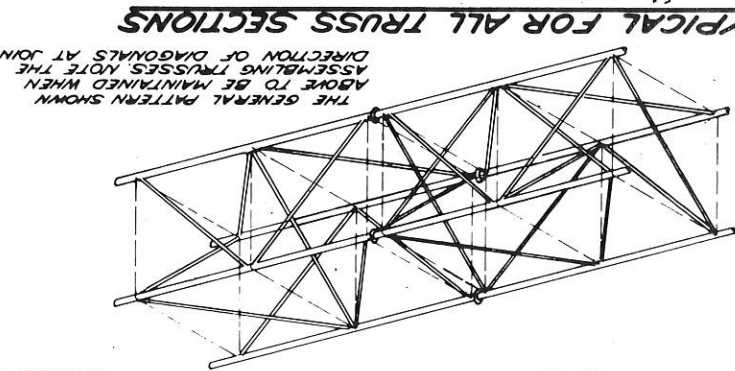
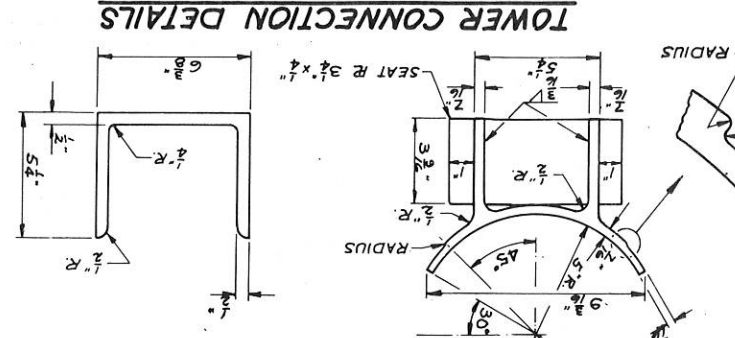
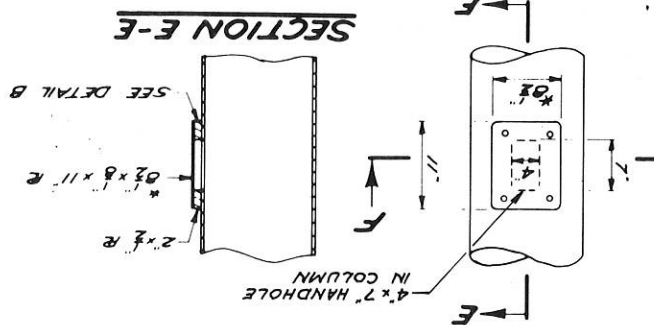
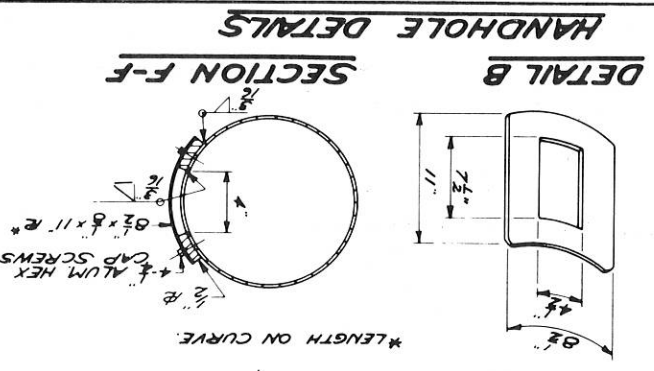
B.P.N.	PROJECT	SHEET NUMBER	TOTAL SHEETS
65	I-50-(es) 65	65	66

TOWER

BRIDGE	COL. A	COL. B	NO.
C			
B	5	5	S-32-2
A	5	5	S-32-2

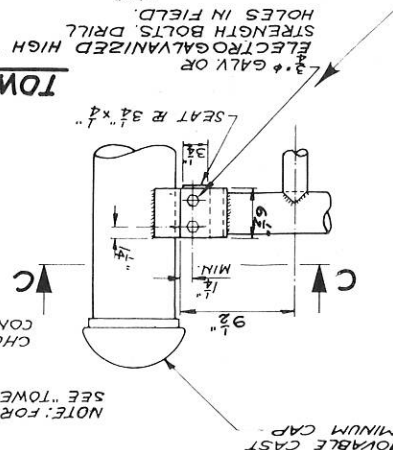
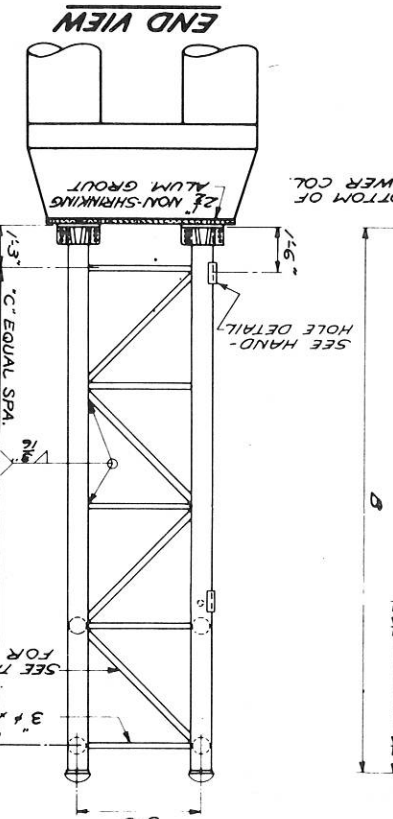
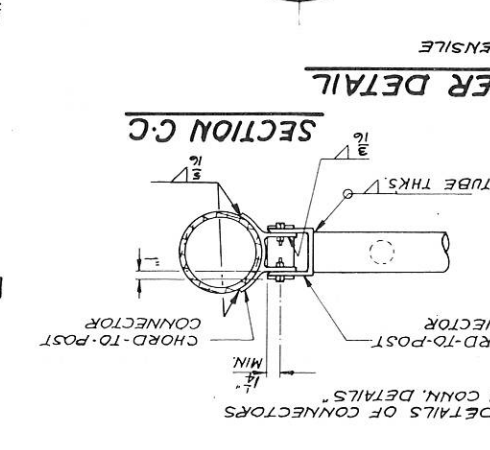
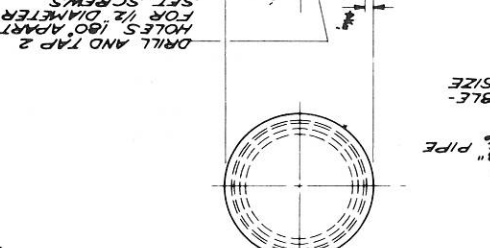
TRUSS

TRUSS	CAMBER	TOP BOT	WEB	CHORDS	COUPLING	BOLT	BRIDGE
20	25	30	8"	2 x 1/2"	4 x 1/2"	24	S-32-2
25	30		8"	2 x 1/2"	4 x 1/2"	24	S-32-2
30			8"	2 x 1/2"	4 x 1/2"	24	S-32-2

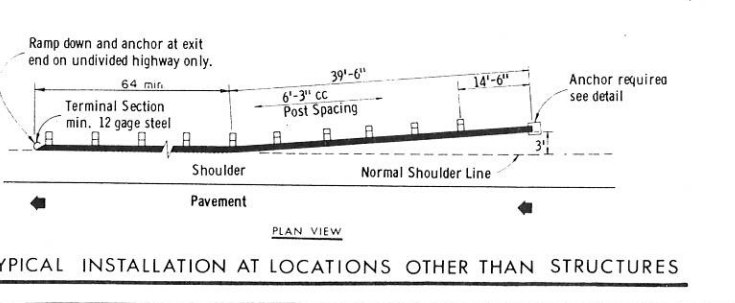
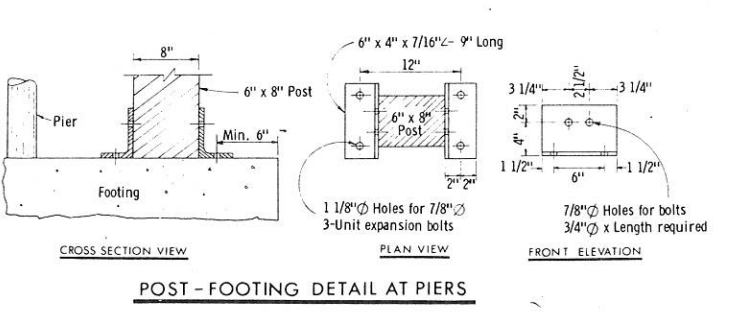
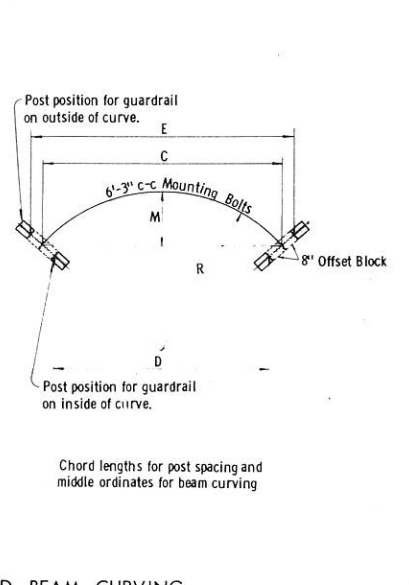
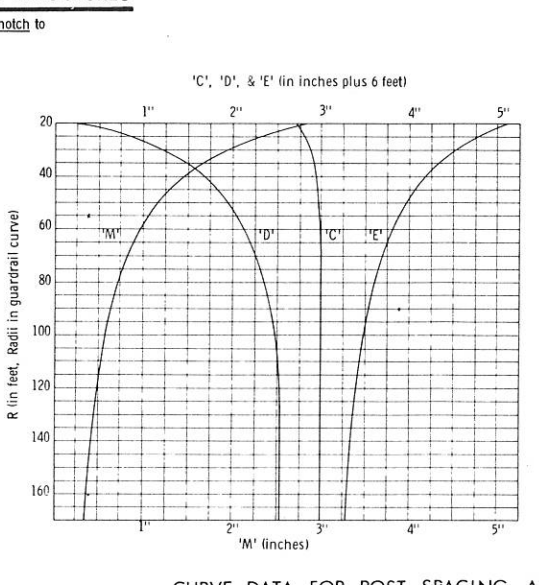
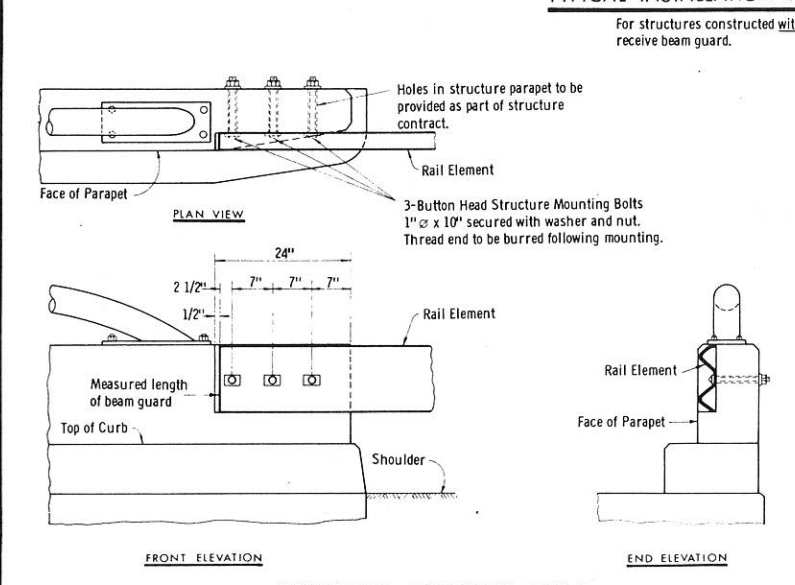
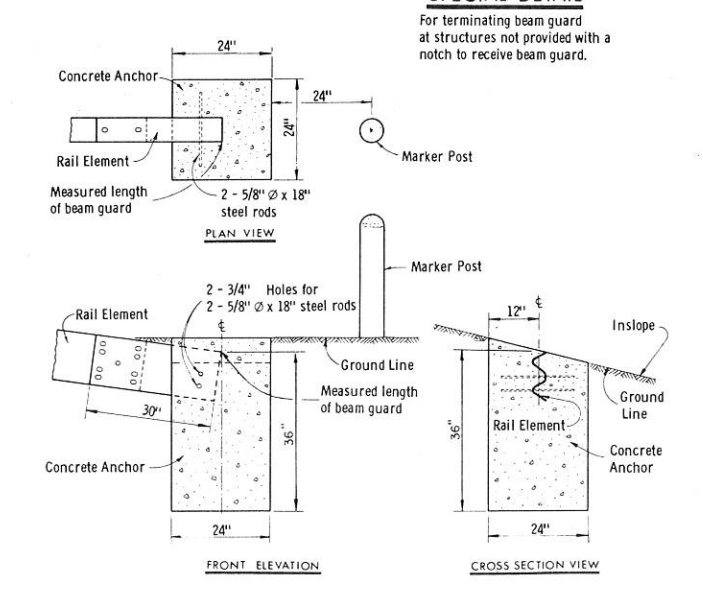
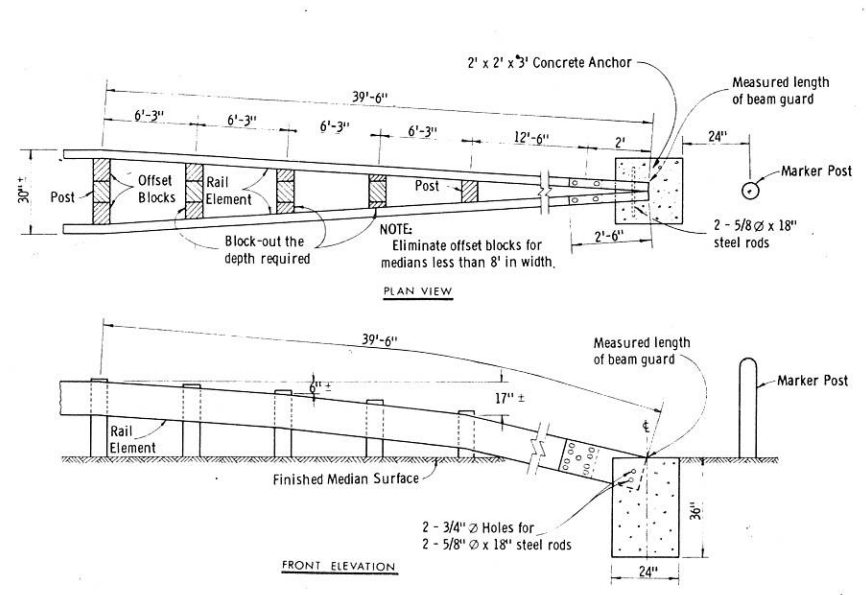
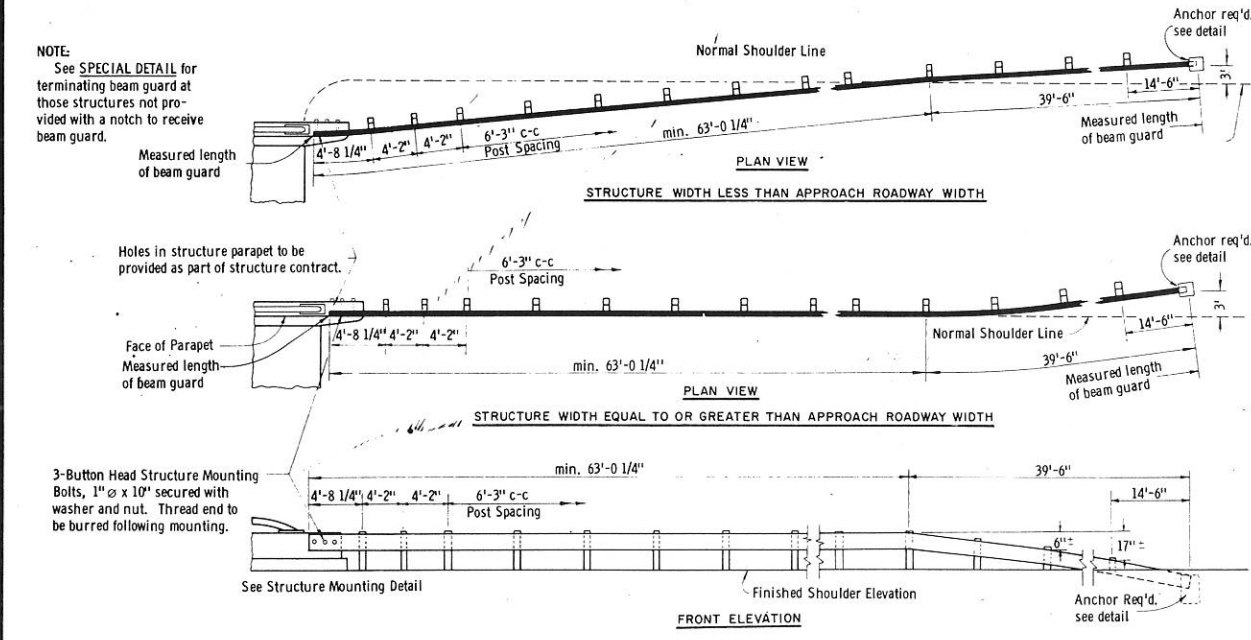
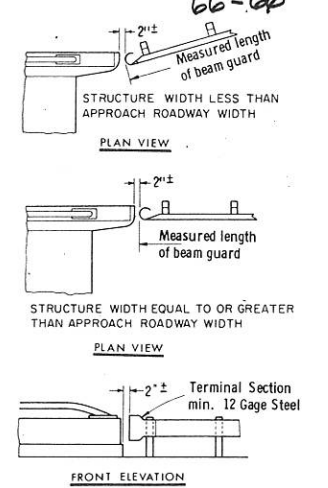
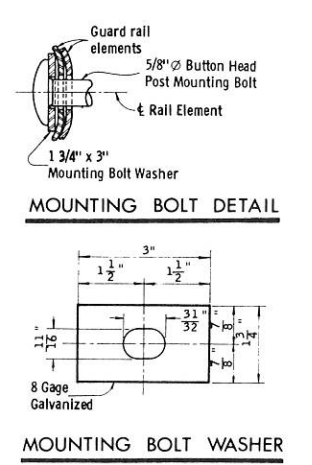
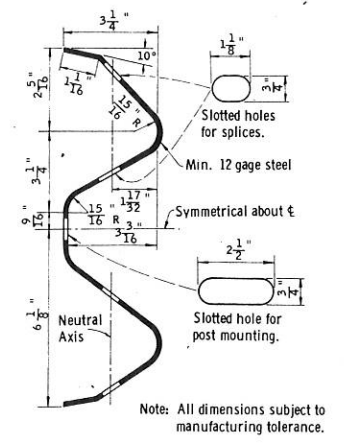
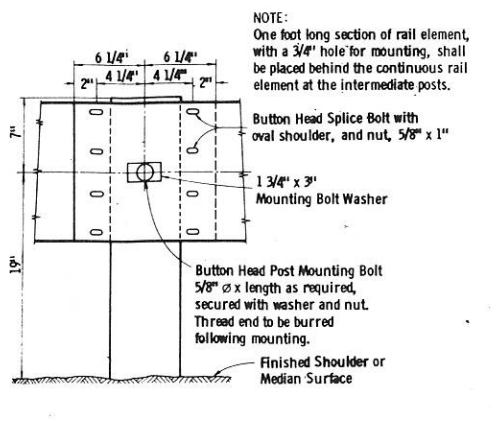
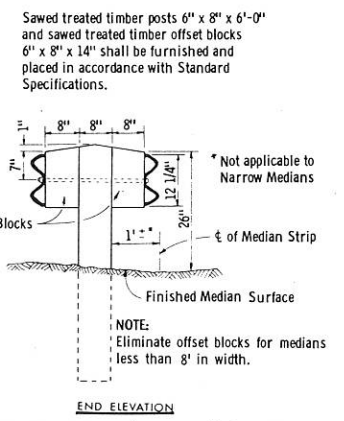
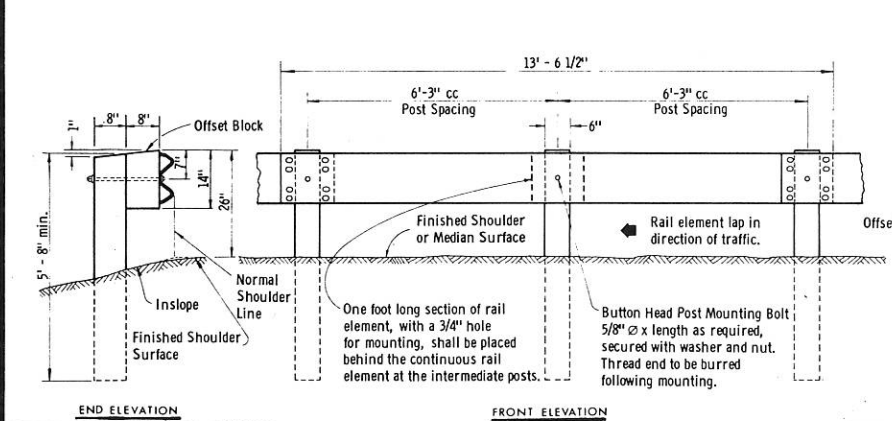


NOTE: A GROUNDING LUG SIMILAR TO A THOMAS & BETTS #2110 FOR #14 #6 WIRE OR EQUAL SHALL BE PROPERLY AFFIXED WITHIN THE HANDHOLE AND ACCESSIBLE FROM THE HANDHOLE.

NOTE: CAP FABRICATED FROM ALUMINUM WILL BE ACCEPTABLE SUBJECT TO APPROVAL BY THE ENGINEER.



NOTE: FOR DETAILS OF CONNECTORS SEE TOWER CONN. DETAILS.



GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

POST-FOOTING DETAIL AT PIERS

The Post-Footing Details shall be used when guardrail posts are over structure footings and less than 3'-6" of earth is provided over the top of the footing.

STEEL PLATE BEAM (MEDIAN) GUARD

Eliminate offset blocks for medians less than 8 foot in width.

ALTERNATE ANCHORS

Round anchors will be permitted. Round anchors shall be a minimum of 30 inches in diameter.

STEEL PLATE BEAM GUARD & STEEL PLATE BEAM (MEDIAN) GUARD

State Highway Commission of Wisconsin

RECOMMENDED FOR APPROVAL: [Signature]

DATE: 1/27/66

APPROVED: [Signature]

CHIEF DESIGN ENGINEER

STATE HIGHWAY ENGINEER

Plate No. 7-2.4.12