

					SUPPORT				
SIGN	SIGN CODE	SIZE	SIGN AREA ft <sup>2</sup>	SIGN TYPE	NO.	SIZE	TOTAL LENGTH ft	BOTTOM HEIGHT (H)	
	R1-1(30)	2.5' x 2.5'	6.25	IIIA	1	3 lbs	14	7 ft	
	R1-1(36)	3' x 3'	9	IIIA	2	3 lbs	30	7 ft	
	R1-2(36)	3' x 3' x 3'	4	IIIA	1	3 lbs	14	7 ft	
	R1-2(48)	4' x 4' x 4'	7	VA	2		32	7 ft	
	R2-1(24)	2' x 2.5'	5	IIIB	1	3 lbs	14	7 ft	
	R2-1(30)	2.5' x 3'	7.5						
	R2-1(36)	3' x 4'	12	IIB	2	3 lbs	32	7 ft	
	R2-4a	4' x 8'	32	IIB	2	4" x 6" WOOD POSTS OR SIGN-207	46	7 ft	
	R2-4b	12' x 5'	60	IB	2	6" x 8" (NOMINAL) WOOD POSTS	36	7 ft	
	R3-1(24)	2' x 2'	4	IIIB	1	3 lbs	14	7 ft	
	R3-1(30)	2.5' x 2.5'	6.25	IIIB	1	3 lbs	14	7 ft	
	R3-1(36)	3' x 3'	9	IIIB	2	3 lbs	30	7 ft	
	R3-2(24)	2' x 2'	4	IIIB	1	3 lbs	14	7 ft	
	R3-2(30)	2.5' x 2.5'	6.25	IIIB	1	3 lbs	14	7 ft	
	R3-2(36)	3' x 3'	9	IIIB	2	3 lbs	30	7 ft	
	R4-7(24)	2' x 2.5'	5	IIIB	1	3 lbs	14	7 ft	
	R4-7(36)	3' x 4'	12	VB	2	3 lbs	30	7 ft	
	R5-1(30)	2.5' x 2.5'	10	IIIA	1	3 lbs	14	7 ft	
	R5-1a(30)	2.5' x 1.5'							
		R5-1(36)	3' x 3'	15	IIIA	2	3 lbs	28	7 ft
		R5-1a(36)	3' x 2'						
	R5-1a(36)	3' x 2'	6	IIIA	2	3 lbs	26	7 ft	
	R5-1a(42)	3.5' x 2.5'	8.75	VA	2	3 lbs	28	7 ft	
	R5-11a(24)	2' x 2.5'	5	IIB	1	4" x 6" (NOMINAL) WOOD POSTS	16	7 ft	
	R5-12(24)	2' x 2.5'	5	IIIB					
	R5-11(30)	2.5' x 2'	5	IIIB	1	3 lbs	14	7 ft	
	R6-1(54)L OR R	3' x 1'	3	IIIB	1	3 lbs	14	7 ft	
	R6-1(54)L OR R	4.5' x 1.5'	6.75	VB	2	3 lbs	28	7 ft	
	W1-1(36)	3' x 3'	13	IIIB	2	3 lbs	32	*	
	W13-1(24)	2' x 2'							
	W1-1(48)	4' x 4'	16	VB	2	4" x 6" (NOMINAL) WOOD POSTS	32	*	
	W13-1(30)	2.5' x 2.5'	6.25	IIIB					
	W1-2(36)	3' x 3'	13	IIIB	2	3 lbs	32	*	
	W13-1(24)	2' x 2'							
	W1-2(48)	4' x 4'	16	VB	2	4" x 6" (NOMINAL) WOOD POSTS	32	*	
	W13-1(30)	2.5' x 2.5'	6.25	IIIB					

\* 7 ft BOTTOM HEIGHT APPLIES TO PARENT SIGN FOR INFORMATION ONLY



PREPARED BY  
DESIGN DIVISION

DRAWN BY: AKJ

CHECKED BY: AJU

DEPARTMENT DIRECTOR  
Kirk T. Stuedle

APPROVED BY: Kimberly Avery  
DIRECTOR, BUREAU OF FIELD SERVICES

Bradley C. Wiefelrich  
Bradley C. Wiefelrich May 9 2018 7:42 AM

APPROVED BY: Bradley C. Wiefelrich  
DIRECTOR, BUREAU OF HIGHWAY DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR










# STANDARD SIGN INSTALLATIONS

05/24/18  
F.H.W.A. APPROVAL

02/16/17  
PLAN DATE

SIGN-100-G

SHEET  
1 OF 3

SIGN	SIGN CODE	SIZE	SIGN AREA ft <sup>2</sup>	SIGN TYPE	SUPPORT			
					NO.	SIZE	TOTAL LENGTH ft	BOTTOM HEIGHT (H)
	W1-6(48)	4' x 2'	8	VB	2	3 lbs	26	7 ft
	W1-6(60)	5' x 2.5'	12.5	VB	2	4" x 6" WOOD POSTS	32	7 ft
	W1-6(96)	8' x 4'	32	IIB	2	6" x 8" WOOD POSTS	38	7 ft
	W1-7(48)	4' x 2'	8	VB	2	3 lbs	26	7 ft
	W1-7(60)	5' x 2.5'	12.5	VB	2	4" x 6" WOOD POSTS	32	7 ft
	W1-7(96)	8' x 4'	32	IIB	2	6" x 8" WOOD POSTS	38	7 ft
	(30)	2.5' x 2.5'	6.25	IIB	1	3 lbs	15	7 ft
	(36)	3' x 3'	9	IIB	2	3 lbs	30	7 ft
	(48)	4' x 4'	16	VB	2	3 lbs	32	7 ft
	W10-1(30)	(R) 1' 3"	6.25	IIB	1	3 lbs	14	7 ft
	W10-1(36)	(R) 1' 6"	9	IIB	1	3 lbs	14	7 ft
	W10-1(48)	(R) 2'	16	VB	2	3 lbs	26	7 ft
	W13-2(48) OR W13-3(48) (RAMP)	4' x 5'	20	VB	2	3 lbs	32	7 ft
		W14-3 (30)	40" x 30"	4.25	VB	2	3 lbs	29
W14-3 (36)		48" x 36"	6	VB	2	3 lbs	29	7 ft
W14-3 (48)		64" x 48"	10.75	VB	2	3 lbs	29	7 ft
	E5-1	6' x 5'	30	IIA	2	4" x 6" WOOD POSTS OR	32	7 ft
	E5-1a	6' x 5'	30	IIA	2	REFER TO SIGN-207 SERIES		
7.5' x 5'		37.5	IIA	2				
9' x 5'		45	IIA	2				
	** D10-4	1.5' x 4.5'	6.75	IIIA	1	4" x 6" WOOD POSTS OR	14	4 ft
		** D10-5	1.5' x 5'	7.5	IIIA	1	REFER TO SIGN-207 SERIES	16
	W8-13 (36)	3' x 3'	9	IIB	2	3 lbs	30	7 ft
	W8-13 (48)	4' x 4'	16	VB	2	3 lbs	32	7 ft
	W1-8(24) 10-40 RAMP	2' x 2.5'	5	IIB	1	3 lbs	15	7 ft
	W1-8(36) 45-55 RAMP	3' x 4'	12	VB	2	3 lbs	30	7 ft
	W1-8(24) NON-FWY	2' x 2.5'	5	IIB	1	3 lbs	15	7 ft
	W1-8(36) FWY	3' x 4'	12	VB	2	3 lbs	30	7 ft
	S1-1(30)	2.5' x 2.5'	6.25	IIB	1	3 lbs	14	7 ft
	S1-1(36)	3' x 3'	9	IIB	2	3 lbs	26	7 ft
	S1-1(48)	4' x 4'	16	VB	2	3 lbs	28	7 ft

\* 7 ft BOTTOM HEIGHT APPLIES TO PARENT SIGN  
 \*\* BEHIND GUARDRAIL, USE 1 - 4" x 6" WOOD POST

FOR INFORMATION ONLY

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN	05/24/18 F.H.W.A. APPROVAL	02/16/17 PLAN DATE	SIGN-100-G	SHEET 2 OF 3
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NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.

NOTES:

1. TOTAL SUPPORT LENGTHS ARE FOR ESTIMATING PURPOSES ONLY.
2. THE SUPPORT(S) LISTED FOR STANDARD SIGNS SHALL BE USED, UNLESS SHOWN OTHERWISE ON CONTRACT SIGN PLAN SHEETS. FOR SIGNS NOT LISTED HERE, SEE SIGN-150-SERIES FOR PROPER SUPPORT.
3. FOR TWO PANEL SIGN INSTALLATIONS, ALLOW A 2 INCH (S) SPACE BETWEEN PANELS AS SHOWN ON PAGE ONE. THIS 2 in. REQUIREMENT DOES NOT APPLY TO RAMP SERVICES SIGNS (E11-15 SERIES) WHICH SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO EACH OTHER.
4. BOTTOM HEIGHT IS DEFINED AS HEIGHT FROM THE NEAR EDGE OF TRAVEL LANE PAVEMENT (EDGE-OF-METAL) TO THE BOTTOM OF THE PARENT SIGN. SEE SIGN-120-SERIES FOR REQUIRED MINIMUM SIGN BOTTOM HEIGHTS.
5. M8 SIGN SERIES  $\leq$  44 SFT PLACED IN THE GORE SECTION SHOULD BE TYPE IIA ON 2-PERFORATED STEEL SQUARE TUBE SIGN BREAKAWAY SYSTEM.
6. FOR ECONOMIC AND MAINTENANCE PURPOSES, DO NOT USE PERFORATED STEEL SQUARE TUBE SIGN BREAKAWAY SYSTEM BEHIND GUARDRAILS OR PROTECTION BARRIERS. REFER TO THE SIGN SUPPORT SELECTION CHART FOR APPROPRIATE SUPPORTS.
7. REFLECTIVE PANELS, WHERE CALLED FOR ON TWO PANEL SIGN INSTALLATIONS SHALL BE IN LENGTHS OF 3 FOOT PER POST.

\* 7 ft BOTTOM HEIGHT APPLIES TO PARENT SIGN FOR INFORMATION ONLY

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN	05/24/18 F.H.W.A. APPROVAL	02/16/17 PLAN DATE	SIGN-100-G	SHEET 3 OF 3
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