

| | | | | | SUPPORT | | | |
|------|----------------|--------------|---------------------------|-----------|---------|--------------------------------|-----------------|-------------------|
| SIGN | SIGN CODE | SIZE | SIGN AREA ft ² | 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 | VB | 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 |
| | R5-1a(36) | 3' x 2' | 6 | IIIA | 2 | 3 lbs | 26 | 7 ft |
| | R5-1a(42) | 3.5' x 2.5' | | | | | | |
| | 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 | IIB | | | | |
| | 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 | * 7 ft |
| | W13-1(24) | 2' x 2' | | | | | | |
| | W1-1(48) | 4' x 4' | 16 | VB | 2 | 4" x 6" (NOMINAL) WOOD POSTS | 32 | * 7 ft |
| | W13-1(30) | 2.5' x 2.5' | 6.25 | IIIB | | | | |
| | W1-2(36) | 3' x 3' | 13 | IIIB | 2 | 3 lbs | 32 | * 7 ft |
| | W13-1(24) | 2' x 2' | | | | | | |
| | W1-2(48) | 4' x 4' | 16 | VB | 2 | 4" x 6" (NOMINAL) WOOD POSTS | 32 | * 7 ft |
| | W13-1(30) | 2.5' x 2.5' | 6.25 | IIIB | | | | |

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

MDOT
Michigan Department of Transportation

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

APPROVED BY: Bradley C. Wiefersich
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 |
|-------------------------------|-----------------------|------------|--------------|

| | | | | | SUPPORT | | | |
|---|---|-------------|---------------------------|-----------|----------|--------------------------------|-----------------|-------------------|
| SIGN | SIGN CODE | SIZE | SIGN AREA ft ² | SIGN TYPE | 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 | 32 | 7 ft |
| 7.5' x 5' | | 37.5 | IIA | 2 | SIGN-207 | | | |
| 9' x 5' | | 45 | IIA | 2 | SERIES | | | |
|  | ** 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 | 4 ft |
|  | 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 |
|--|-------------------------------|-----------------------|------------|-----------------|

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

| | | | | |
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| 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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