

GUIDE TO THIS STANDARD:

- Calculate the Total Panel Area and the centroid 'C' for an individual sign or a sign cluster.
- Determine the height 'H' from the groundline for the individual sign or the cluster.
- Consult the Post Size Table and find the intersection point.
- Design the post and the foundation according to the required Post Size and Assembly Details.

Post Size Table

1'4" Sign Assembly Height (ft) (measure from ground)				
8	8.5	9	9.5	10
3	4	5	6	7
8	9	10	11	12
13	14	15	16	17
18	19	20		

Total Panel Area (ft²)

3	4	5	6	7
8	9	10	11	12
13	14	15	16	17
18	19	20		

Sign Post with 3" x 7 ga. Square Anchor

Sign Post with Triangular Slip Base Assembly

Two Post Installation Required with Triangular Slip Base

*SQUARE SIGN POST SIZE TABLE IF SIGN PANEL IS EQUAL TO OR GREATER THAN 4 FEET IN WIDTH. A TWO POST INSTALLATION IS REQUIRED WITH A TRIANGULAR SLIP BASE.

Sign Post with 3" x 7 ga. Square Anchor

Sign Post with Triangular Slip Base

Note: Dimensions and certain details for the parts used to assemble the slip base connections are intentionally not shown. Slip base connections are patented manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled. The complete assembly must be designed to withstand 150 mph Base Wind Speed per 2013 ASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th edition and Interims.

FOR SIGN ASSEMBLIES WITH MAXIMUM 8.75
SQUARE FOOT PANEL AREA

FOR SIGN ASSEMBLIES WITH GREATER THAN 8.75
SQUARE FOOT PANEL AREA WITH SUPPLEMENTAL SIGN

Typical Details

DATE	DESCRIPTION
02-28-2020	ADDED ISOMETRIC VIEW
02-05-2021	UPDATED POST BASE HEIGHT
06-22-2020	UPDATED SIGN POST NOTES

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Typical Details

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02-28-2020	ADDED ISOMETRIC VIEW
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06-22-2020	UPDATED SIGN POST NOTES

DETAIL "B"

DATE	DESCRIPTION
02-28-2020	ADDED ISOMETRIC VIEW
02-05-2021	UPDATED POST BASE HEIGHT
06-22-2020	UPDATED SIGN POST NOTES

**STOP SIGN AND STREET
IDENTIFICATION ASSEMBLY**

TYPICAL DETAILS

SHEET
NO.

1 OF 7

SPECIAL EMPHASIS CROSSWALK MARKINGS NOTES

- SPECIAL EMPHASIS CROSSWALK MARKINGS ARE RESERVED FOR MID-BLOCK CROSSING, INTERSECTIONS WITH STATIONED CROSSING GUARDS, AND/OR HIGH PEDESTRIAN ACTIVITY DOCUMENTED BY A STUDY AND MUST BE ADA COMPLIANT.
- REFER TO INDEX 711-001 FOR SPECIAL EMPHASIS CROSSWALK MARKING INSTALLATION GUIDELINES.
- CROSSWALK WORDS: INTERSECTION CROSSWALK 6' FOR MINIMUM; 10' FOR STANDARD; MID-BLOCK CROSSWALK 10' FOR MINIMUM.
- ALL CROSSWALK MARKINGS MUST BE WHITE.

DROP LANE LENGTH TABLE

STREET R/W TYPE	R/W DISTANCE	PROPOSED DISTANCE
30-35 MPH	400'	600'
40-45 MPH	600'	800'

DIRECTIONAL ARROWS REQUIRED TABLE

DISTANCE	ARROWS REQ'D
100' OR LESS	1 ARROW
101'-149'	2 ARROWS
150'-200'	3 ARROWS

NOTE: ADDITIONAL ARROW FOR EACH ADDITIONAL 100' OF STORAGE

REVISIONS

DATE	DESCRIPTION
11-24-2020	UPDATED NOTES
04-14-2021	UPDATED NOTES
05-06-2022	UPDATED NOTES

**PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION**

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PAVEMENT MARKINGS AND SIGNS DETAILS

SHEET NO. 1 OF 1