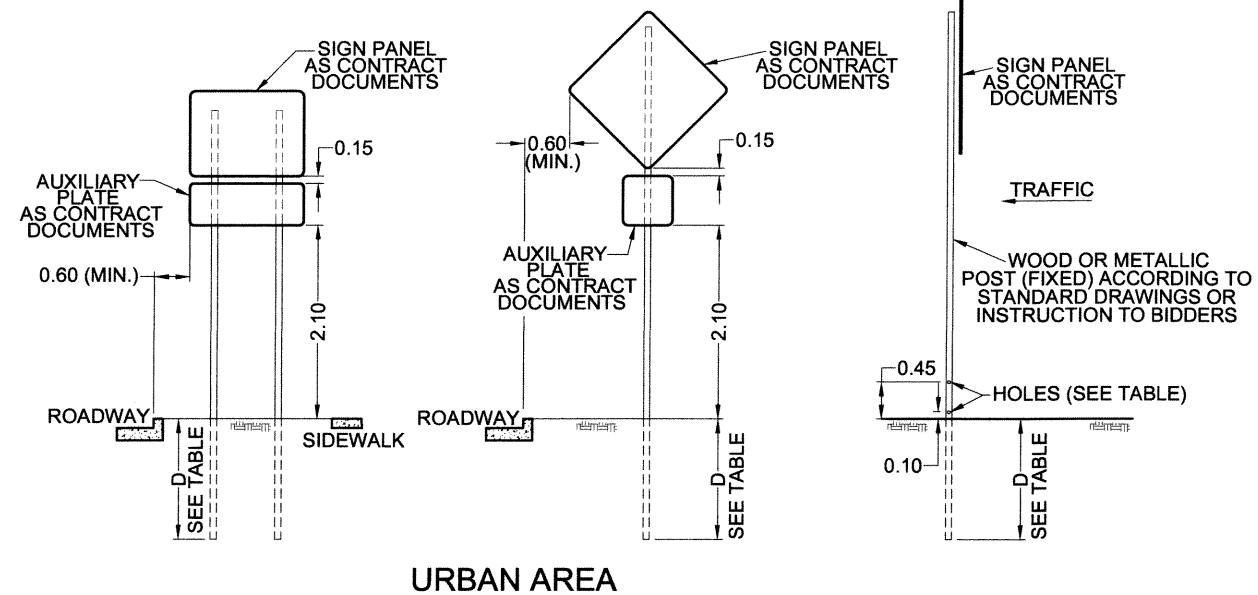
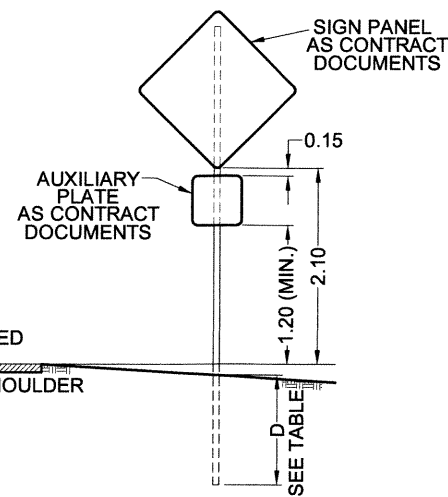
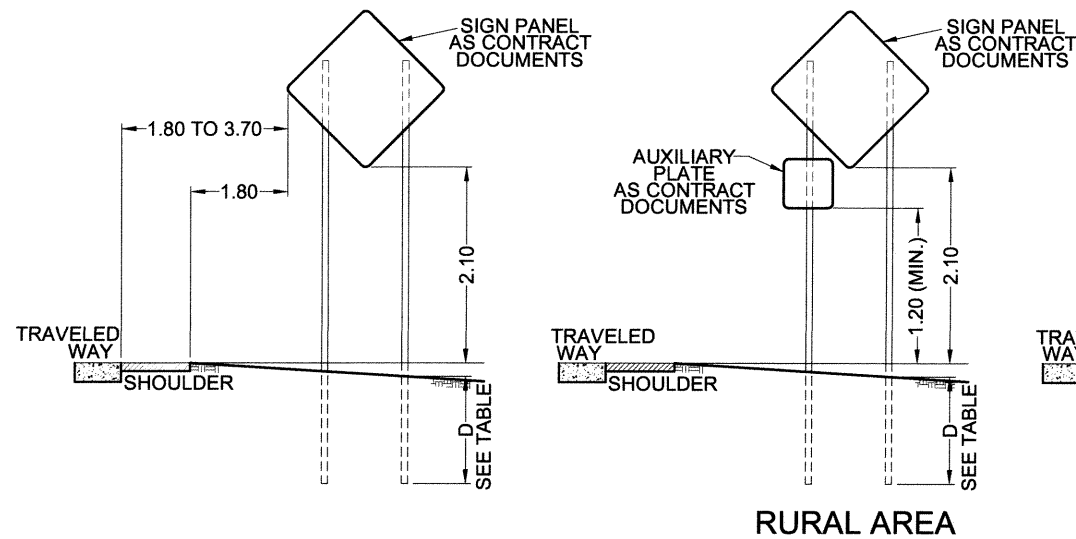


DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY
DATE	REVISION	BY

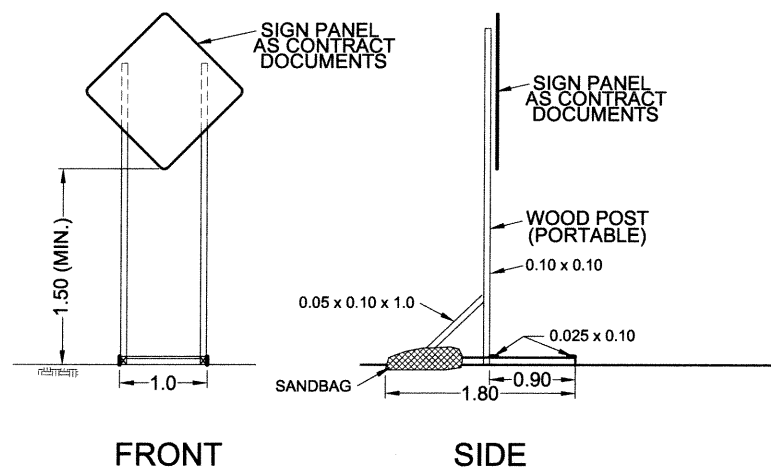


**FIXED ROADWAY SIGNS**

**BREAKAWAY SUPPORT DETAIL  
(FIXED SIGNS - 0.10 x 0.10  
AND GREATER POSTS)**

**NOTES:**

- UNLESS OTHERWISE SHOWN, DIMENSIONS ARE IN METERS.
- MOUNT SIGNS THAT ARE WIDER THAN 0.90 M OR LARGER THAN 1 SQUARE METER ON TWO POSTS. SEE TABLE.
- ALL LUMBER DIMENSIONS ARE NOMINAL.
- THE CONTRACTOR MAY SUBMIT, FOR APPROVAL BY THE ENGINEER, ALTERNATE TEMPORARY SIGN MOUNTING WHICH FULLY COMPLIES WITH NCHRP 350 TL-3.
- FOR POSTS GREATER THAN 0.10 X 0.10 SEE THE BREAKAWAY SUPPORT DETAIL.
- PORTABLE SIGNS MAY BE MOUNTED LOWER THAN FIXED SIGNS WHEN APPROVED BY THE ENGINEER.
- MOUNTING FOR PORTABLE SIGNS SHALL HOLD THE SIGN FACE IN A VERTICAL PLANE.
- FOR SIGNS REQUIRING POSTS 0.15 X 0.15 AND GREATER, SIGNS ARE CONSIDERED TO BE NON-BREAKAWAY IF MULTIPLE POSTS ARE REQUIRED AND THE POSTS CANNOT BE SPACED A MINIMUM OF 2.1 METERS APART. DO NOT PLACE HOLES IN POST OF NON-BREAKAWAY SIGNS.
- SIGN MOUNTED ON PORTABLE SUPPORTS SHALL NOT BE USED FOR A DURATION OF MORE THAN THREE DAYS.
- THE BACKGROUND FOR CONSTRUCTION WARNING SIGNS SHALL BE FLUORESCENT ORANGE COLOR ACCORDING TO SUPPLEMENTAL SPECIFICATION 638-2.02.
- THE FINAL LOCATION OF TEMPORARY TRAFFIC SIGNS SHALL BE AS DIRECTED BY THE ENGINEER CONSIDERING OPTIMUM VISIBILITY AND, SAFETY IN EXISTING FIELD CONDITIONS.



**PORTABLE SIGNS**

WOOD POST SIZE		D		HOLE DIAMETER		MAXIMUM SIGN PANEL AREA (SQUARE METERS)	
MT. x MT.	IN. x IN.	MT.	FT.	MT.	IN.	1 POST	2 POSTS
0.10 x 0.10	4 x 4	1.2	4	NONE REQ'D		1.0	2.0
0.10 x 0.15	4 x 6	1.2	4	0.04	1.5	N/A	3.0
0.15 x 0.15	6 x 6	1.5	5	0.05	2.0	N/A	4.5
0.15 x 0.20	6 x 8	1.5	5	0.07	3.0	N/A	8.0



COMMONWEALTH OF PUERTO RICO  
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS  
HIGHWAY AND TRANSPORTATION AUTHORITY

STANDARD DRAWING APPROVED BY:  
DATE: 2/24/10  
DEPUTY EXECUTIVE DIRECTOR FOR INFRASTRUCTURE  
DATE: 2/24/10  
DEPUTY EXECUTIVE DIRECTOR FOR TRAFFIC AND TOLL ROADS

MAINTENANCE AND PROTECTION OF TRAFFIC  
TEMPORARY TRAFFIC SIGNS MOUNTING DETAILS

MPT-23  
SEPTEMBER 2009