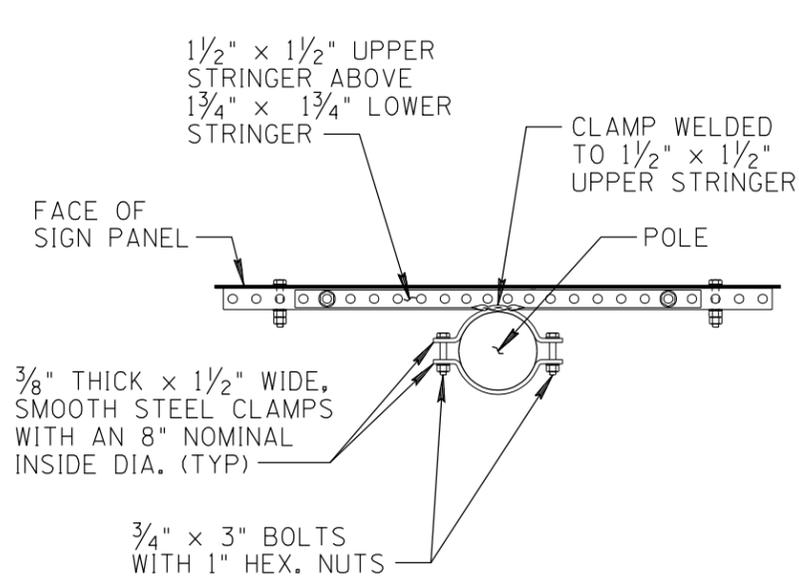
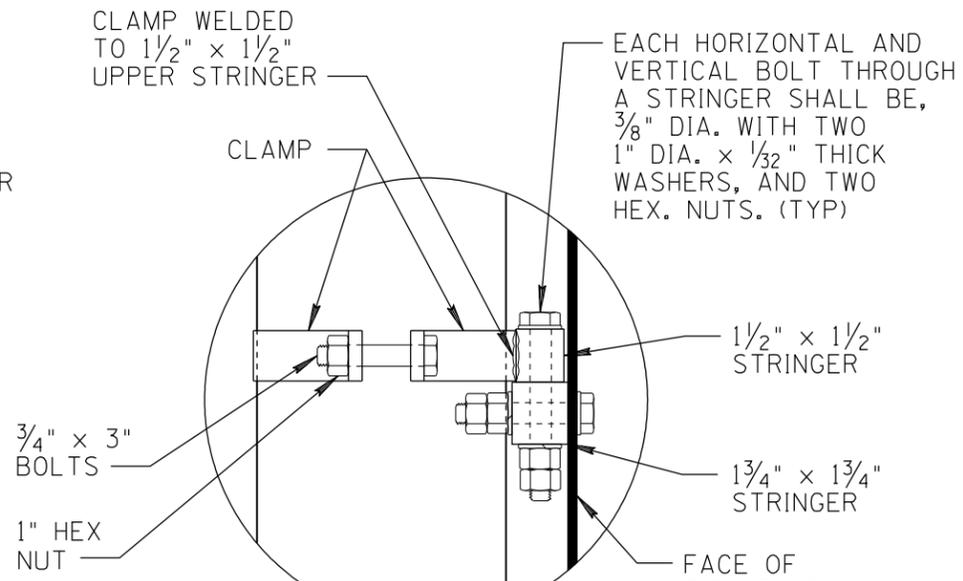


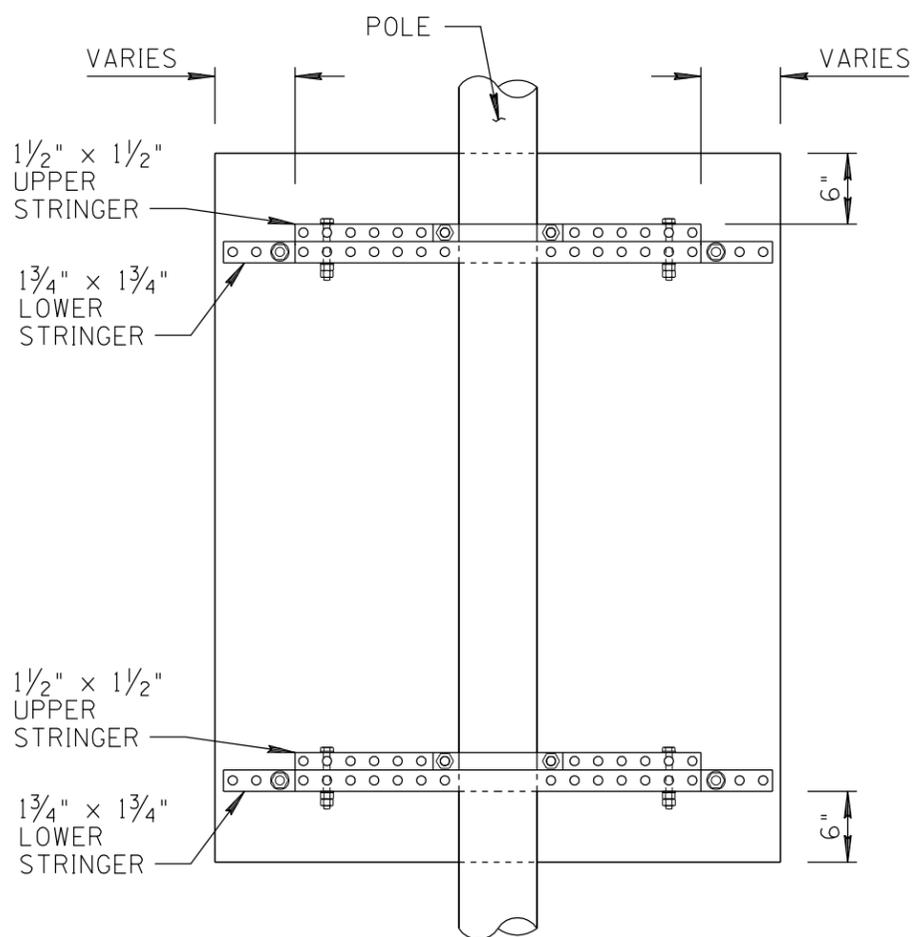
NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	RE-ISSUE	L. LOPEZ	2/02
2			
3			
4			



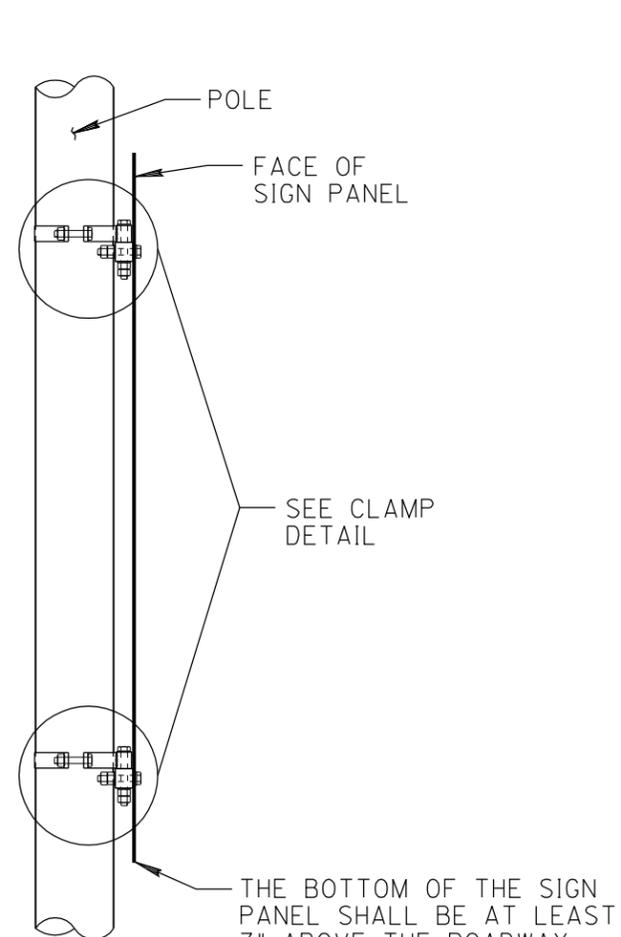
TOP VIEW



CLAMP DETAIL



REAR VIEW



SIDE VIEW

NOTES:

1. EACH UPPER STRINGER SHALL BE A 1/2" X 1/2" PERFORATED TUBE.
2. EACH LOWER STRINGER SHALL BE A 1 3/4" X 1 3/4" PERFORATED TUBE, WELDED TO THE STRINGER AND STEEL CLAMP AND ATTACHED TO THE UPPER STRINGER USING A 3/8" DIAMETER HEX. BOLT WITH TWO 1" DIAMETER X 1/32" THICK WASHERS AND TWO HEX. NUTS. BOLTS SHALL BE LOCATED NEAR EACH END OF THE LOWER STRINGER.
3. EACH CLAMP SHALL CONSIST OF SMOOTH STEEL 3/8" THICK X 1/2" WIDE, WITH AN 8" NOMINAL INSIDE DIAMETER. THE ENGINEER MAY REQUIRE CLAMPS WITH DIFFERENT DIAMETERS IF AN 8" DIAMETER CLAMP WILL NOT ADEQUATELY ATTACH TO A POLE.
4. EACH CLAMP SHALL BE TIGHTENED BY TWO 3/4" X 3" HEX BOLTS WITH 1 1/2" THREADS AND A SINGLE 1" HEX. NUT ON EACH SIDE. THESE BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A-325 AND SHALL BE GALVANIZED IN ACCORDANCE WITH SUB-SECTION 607-2.02 OF THE STANDARD SPECIFICATIONS.
5. EACH HORIZONTAL AND VERTICAL BOLT THROUGH A STRINGER SHALL BE 3/8" DIA. WITH TWO 1" DIA. X 1/32" THICK WASHERS, (ONE ON EACH SIDE OF THE STRINGER), AND DOUBLE NUTTED. THE HARDWARE SHALL BE INSTALLED TO AVOID OVERLAPPING ANY LEGEND ON THE SIGN.
6. THE STRINGERS MAY BE OFFSET RELATIVE TO THE POLE TO IMPROVE THE DISTANCE FROM THE NEARBY ROADWAY, AS DIRECTED BY THE ENGINEER.
7. THE NUMBER OF CLAMPS (1 OR 2) SHOULD BE INDICATED ON THE PROJECT PLANS.

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION STANDARD DRAWINGS	REV.
<b>APPROVED FOR DISTRIBUTION</b>		2/02
SIGN INSTALLATION ON POLE		DRAWING NO. S-9