

Various Routes OVD SIN STR REP & REPL 2006-9 Various Counties Sheet 57 of 89 Contract Number 44904

Support Design Loads: See Base Sheet OS-A-I for design and loading criteria.

Load combinations checked include deadload plus: a) 100% wind normal to sign, 20% parallel to sign b) 60% wind normal to sign. 30% parallel to sign

- () In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- (3) Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-I.
- (4) See General Notes for fasteners.
- (5) Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.

	Station	Support		Truss	Pipe Wall		
		Left	Right	Туре	Thickness	Н	A
4.0	1913 + 00	X	X	I-A	0.279	28'-6"	21'-11"
.7*	1824 + 00	X	X	1-A	0.279	27-7 3/4	27·0 3/4

* End supports to be installed on existing concrete foundations.

OVERHEAD SIGN STRUCTURES SUPPORT FRAME FOR ALUMINUM TRUSS

District 5 Overhead Sign Structure Repair and Replacement