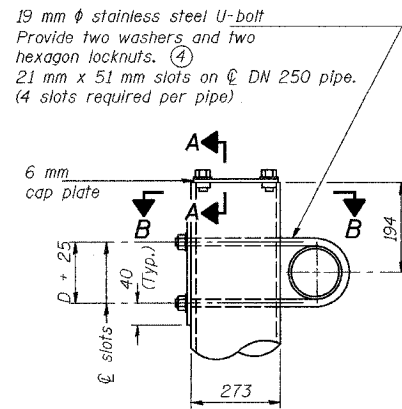
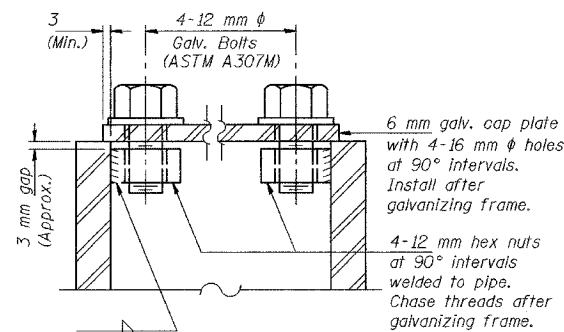


ALL DIMENSIONS IN MILLIMETERS EXCEPT
PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	376
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

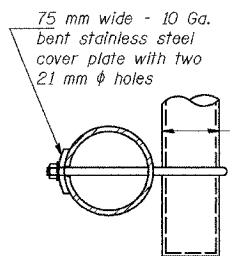


DETAIL A

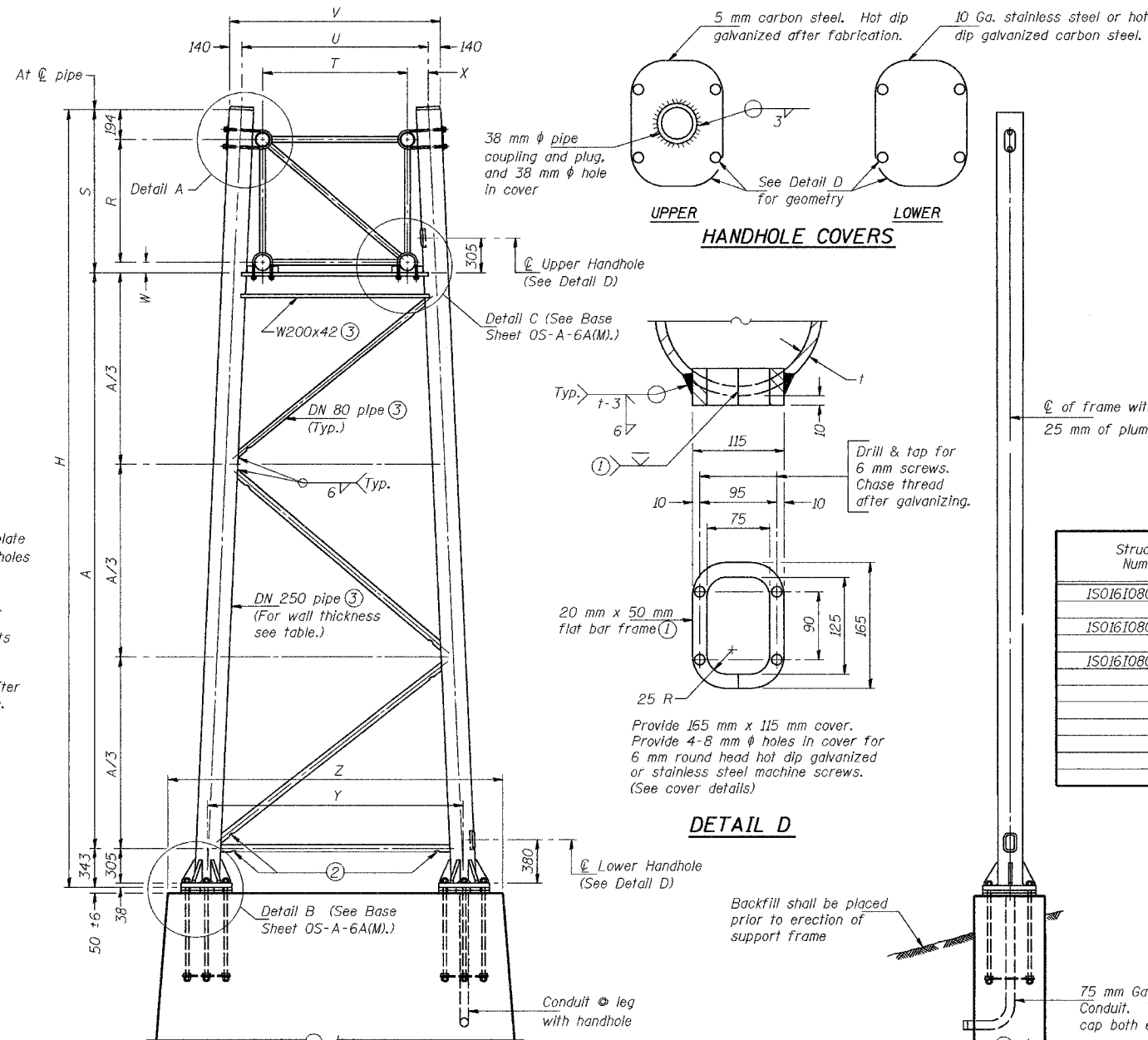


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B

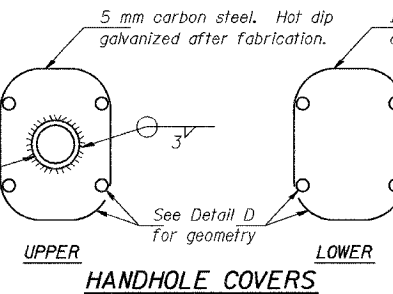


FOR FOUNDATION DETAILS SEE BASE SHEET OS-F3(M) (Spread Footing) or OS4-F3(M) (Drilled Shaft).

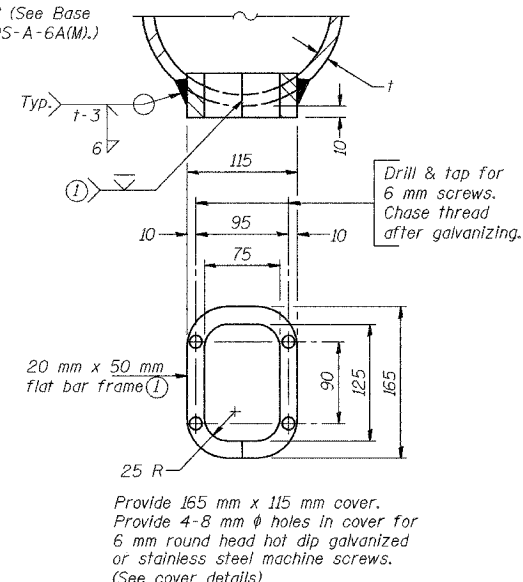
SIDE ELEVATION

DN 250 PIPE TRUSS SUPPORT FRAME

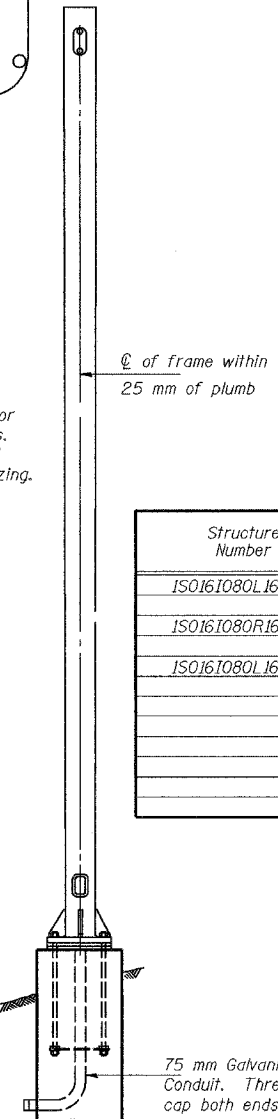
Truss Type	Dimensions								
	R (m)	S (m)	T (m)	U (m)	V (m)	W (mm)	X (mm)	Y (m)	Z (m)
I-A	1.37	1.66	1.22	1.68	1.96	100	230	2.52	3.28
II-A (5)	1.60	1.91	1.37	1.85	2.13	120	240	2.52	3.28



HANDHOLE COVERS



DETAIL D



END ELEVATION

Support Design Loads: See Base Sheet OS-A-1(M) 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 50 mm plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 12.7 μm or less.
- 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.)
- 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-1(M).
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H (m)	A (m)
		Left	Right				
ISO161080L162.9	6+951.478	X	X	II-A	9	7.842	5.589
ISO161080R163.1	7+239.540	X	X	II-A	9	8.259	6.006
						8.359	6.109
						8.624	6.371
ISO161080L163.1	7+312.695	X	X	II-A	9	7.909	5.656
						8.143	5.890

NUMBER	REVISION	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41
**OVERHEAD SIGN STRUCTURES
SUPPORT FRAME for ALUMINUM TRUSS**

SCALE NONE DRAWN BY ACE/CAD
DATE 07/05 CHECKED BY TAE

AMERICAN
CONSULTING ENGINEERS