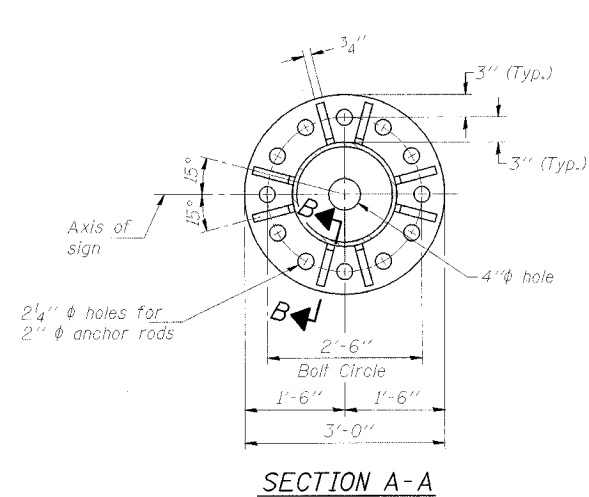


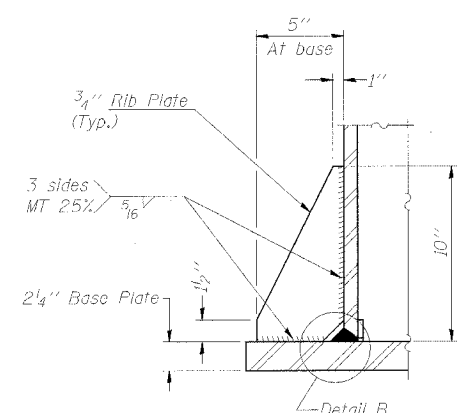
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55,80	*	WILL	497	286
FED. ROAD DIST. NO. 1		BLINDS	FED. AID PROJECT	

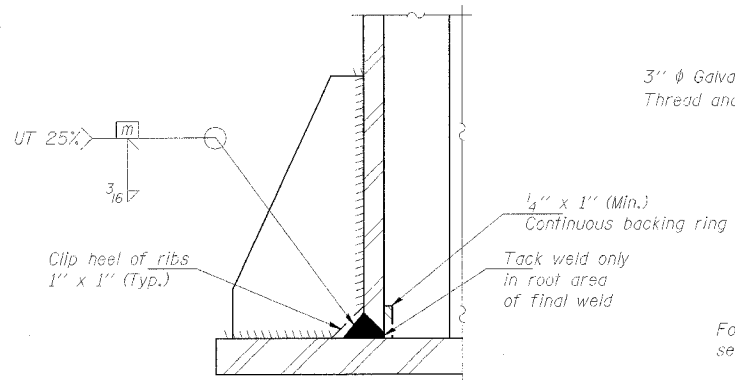
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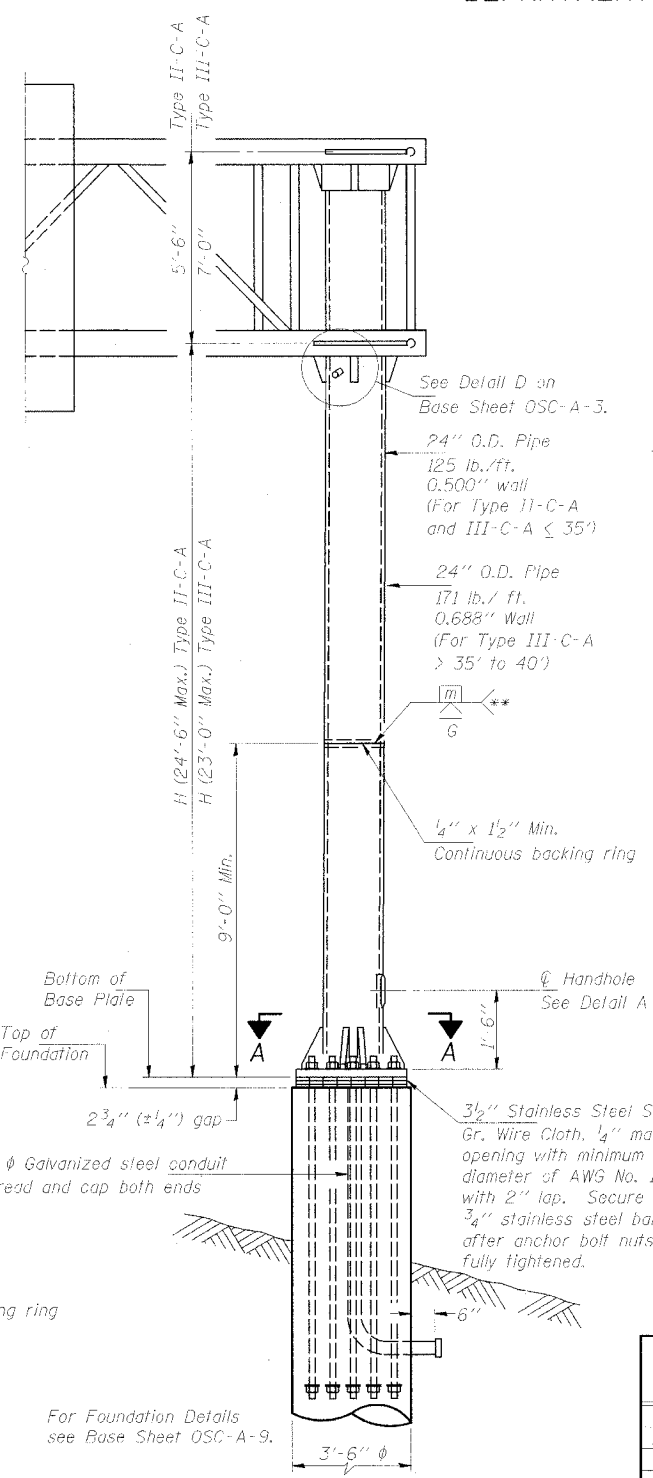
SECTION A-A



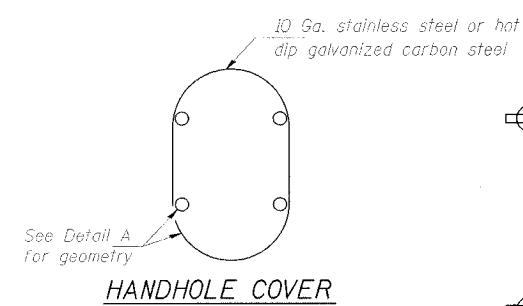
SECTION B-B



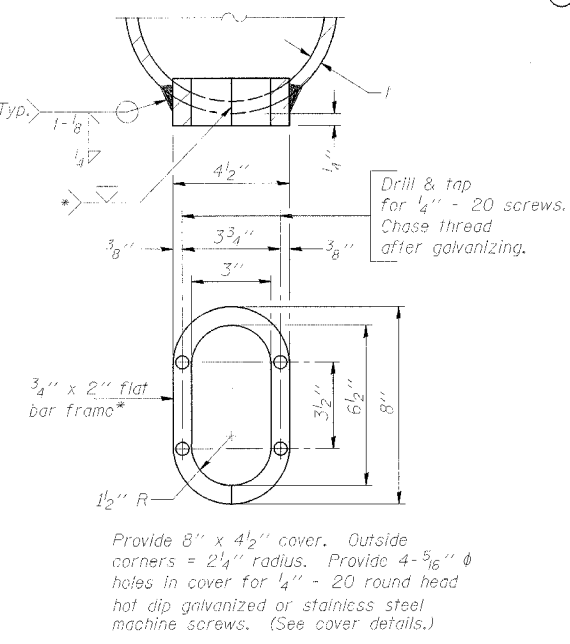
DETAIL B  
(Typical rib)



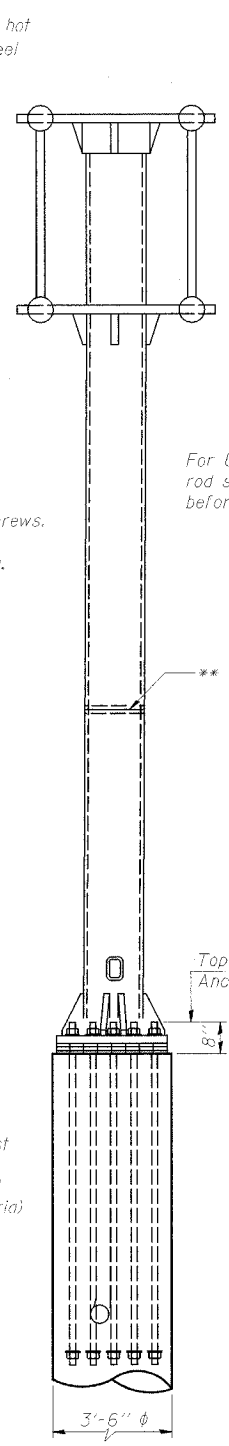
FRONT ELEVATION



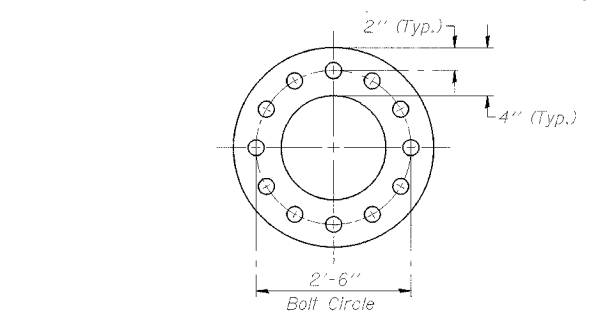
HANDHOLE COVER



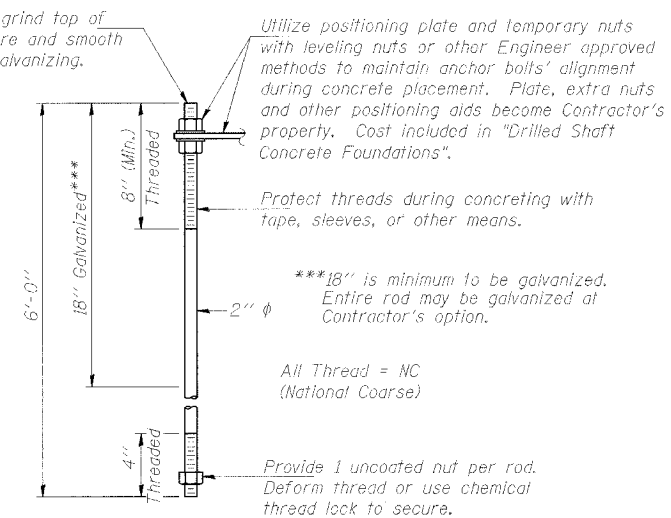
DETAIL A



SIDE ELEVATION



SUGGESTED POSITIONING PLATE



ANCHOR ROD DETAIL

\*Rat bars may be butt welded top and bottom or bottom only. 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  $\sqrt{\text{in}}$  or less.  
 \*\*Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Anchor rods shall conform to AASHTO M314 Grade 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 10° F. before galvanizing. Galvanize the upper 18" (minimum) and associated M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide an unfinished nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, using a straight beam, 1/2"  $\phi$  3.5 mhz. transducer, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in "Drilled Shaft Concrete Foundations".

SGN-34

Structure Number	Station	H
1C0991080L126.1	1945+80	21'-1 1/4"
1C0991080R126.3	1952+30	21'-11"
1C0991055R248.9	981+55	20'-4 5/8"
1C0991055L251.5	1125+50	20'-11 3/4"
1C0991080R124.8	1877+00	20'-10 1/2"
1C0991080L127.6	2026+00	20'-7 3/8"
1C0991055R250.7	1079+00	21'-10 3/8"

NOT IN CONTRACT-FOR INFORMATION ONLY

DESIGNED	SL	20
CHECKED	AS	EXAMINED
DRAWN	MD	PASSED
CHECKED	SL	

NUMBER	REVISION	DATE

CANTILEVER SIGN STRUCTURES  
TYPE II-C-A & III-C-A TRUSS SUPPORT POST  
ALUMINUM TRUSS & STEEL POST  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 80 & F.A.I. 55 INTERCHANGE  
OVERHEAD SIGN STRUCTURES CANTILEVER