STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

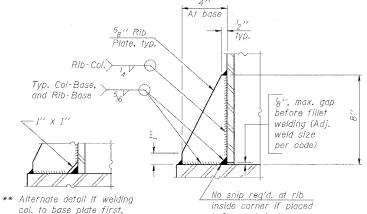
8" \$ hole-

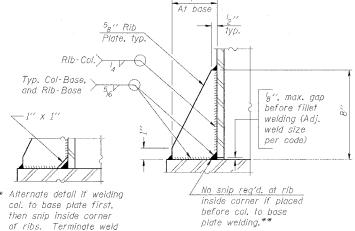
Anchor Plate -

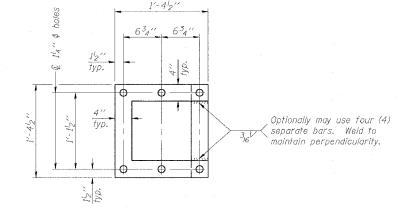
€ 11/4" \$ holes ----

POUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 90/94	*	COOK		312	145
FED, ROND DIST, NO. 1		166110059	FED, AID PROJECT-		

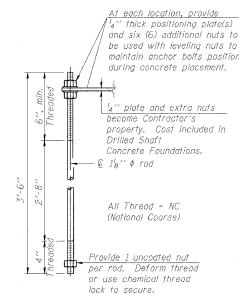
* (1919.15 % 2021-922 PT.1) R-1

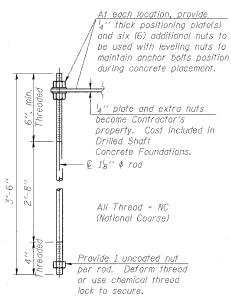






POSITIONING PLATE(S)





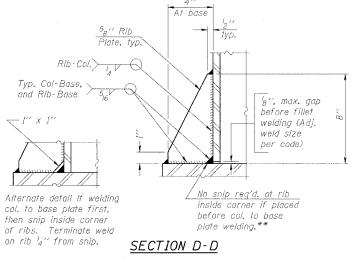
ANCHOR ROD DETAIL Drilled Shaft Foundation

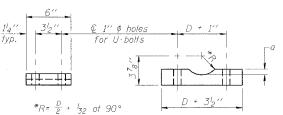
Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

OSS-18

OVERHEAD SIGN STRUCTURES SUPPORT FRAME DETAILS ALUMINUM TRUSS

F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 63RD STREET TO GARFIELD BLVD (NB LOCAL LANES) PROPOSED IMPROVEMENT 63RD STREET TO GARFIELD BLVD



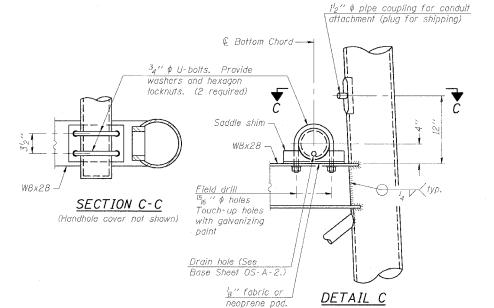


D = Outside Diameter of Chord.

SADDLE SHIM DETAIL ASTM B26 Alloy 356-F

ASTM B209 Alloy 6061-T651 (4 required per sign truss)

Truss Chord Nominal Dia.	а	
5"	34"	
5½"	13 ₁₆ ′′	
6"	78′′	
6 ^l 2"	15,611	



NUMBER	REVISION	DA7
A STATE OF THE STA		

SECTION B-B

Parallel to © of truss

Hexagon locknut and washer (top), leveling nul and washer (bottom). Galvanize

per AASHTO M232. Nuts

200 lb.-ft. minimum torque.

Stainless Steel Standard

Grade Wire Cloth, 3" wide,

minimum wire diameter of

after erection with 34'

stainless steel banding.

4" ∮ hole in

each base plate

Base IL 12" x 1'-5'2" x 1'-5'2"

AWG. No. 16 with a minimum

2" lap. Secure to base plate

a'' maximum openina with a

shall each be tightened against base plate with

DETAIL B

Ribs shall be cut to fit slope of pipe.

2". typ.

 $6^{3}4'' \quad 6^{3}4''$

DESIGNED	-	JSS	
CHECKED	-	RDP	
DRAWN	-	JSS	
CHECKED	_	RDP	

EXAMINED PASSED

0S-A-4A 1-7-05

TYPE I-A TRUSS 8" \$ PIPE SUPPORT FRAME DETAILS

— Anchor plate

ANCHOR ROD DETAIL

Spread Footing Foundation

€ 1'8" ¢ rods

anchor plate.

Provide 2 uncoated nuts per rod.

Nuts shall be "snug tight" against

All Thread = NC

(National Coarse)