

^l8" (Max.) gap before fillet welding (Adj.

ominal Dia.

5′′

51/2'

6"

62"

1'z" \$ pipe coupling for conduit

attachment (plug for shipping)

weld size

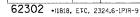
per code)

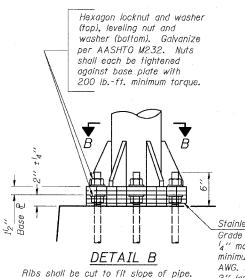
No snip reg'd. at rib inside corner if placed

before col. to base

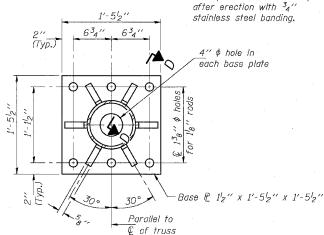
plate welding.**



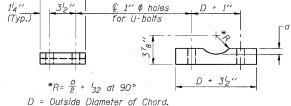




Stainless Steel Standard Grade Wire Cloth, 3" wide, 14" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum after erection with 34"



2" lap. Secure to base plate



SECTION D-D

At base

5₈" Rib Plate

Rib-Col.

(Ťyp.)

Typ. Col-Base,

**Alternate detail if welding

col. to base plate first. then snip inside corner

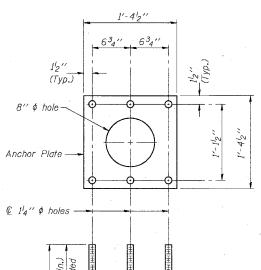
of ribs. Terminate weld

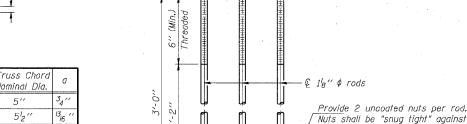
on rib $\frac{1}{4}$ " from snip.

SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F

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



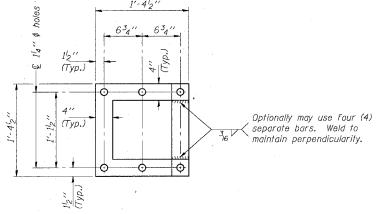


\—Anchor plate ANCHOR ROD DETAIL Spread Footing Foundation

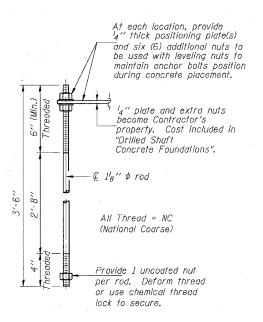
anchor plate.

All Thread = NC

(National Coarse)



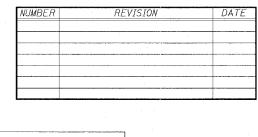
POSITIONING PLATE(S)



ANCHOR ROD DETAIL Drilled Shaft Foundation

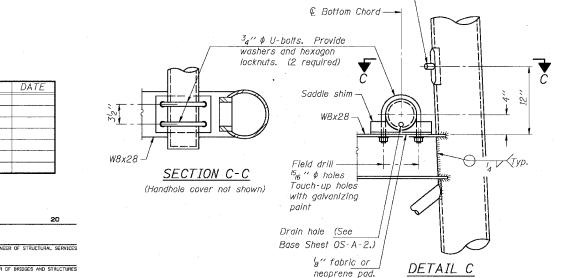
Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

SGN-15



SECTION B-B

DESIGNED	MSA			
CHECKED	AS		EXAMINED	
DRAWN	MD		PASSED	ENGINE
CHECKED	MSA			ENGINEER
S-A-4A		11/1/2002		



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

OVERHEAD SIGN STRUCTURES SUPPORT FRAME DETAILS ALUMINUM TRUSS

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET SB EXPRESS LANE RECONSTRUCTION OVERHEAD SIGN STRUCTURES