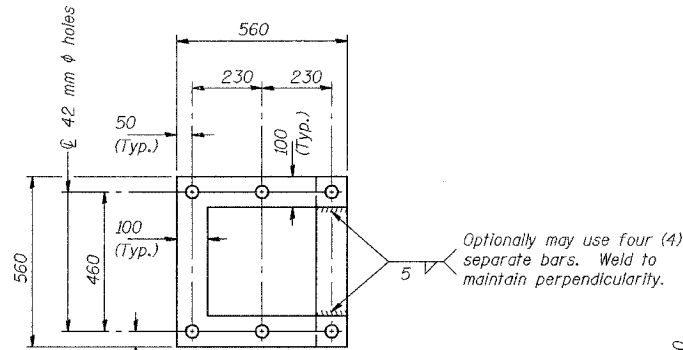
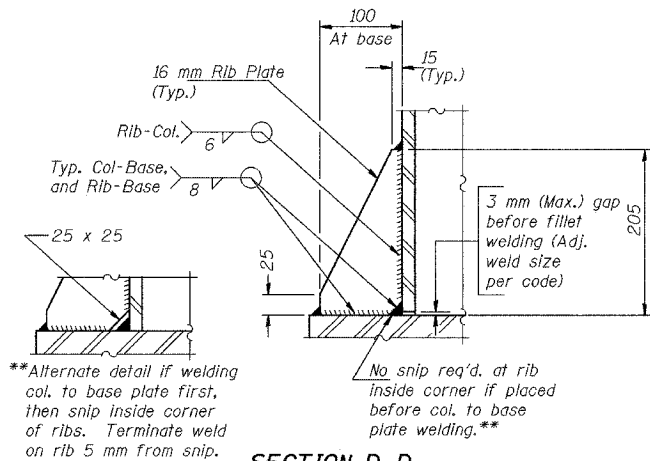
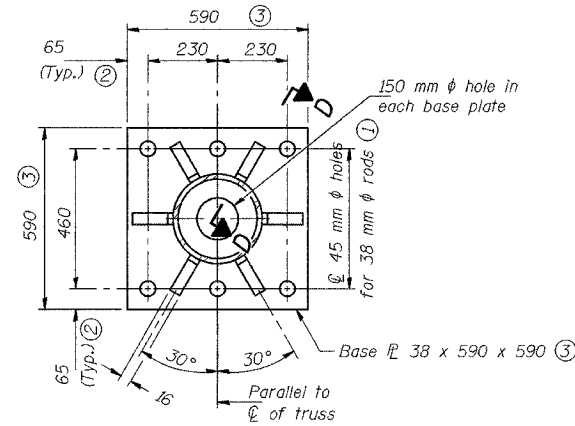
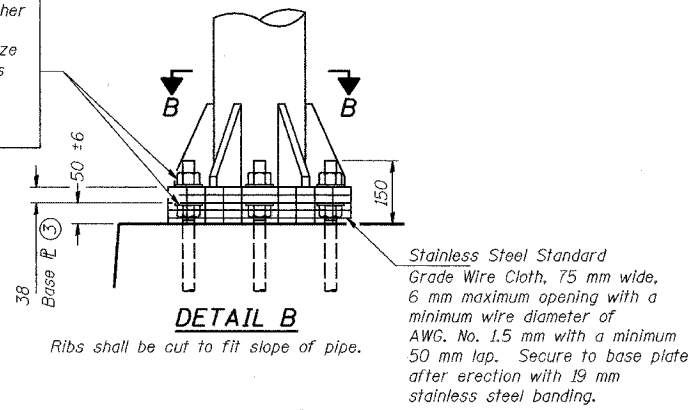


ALL DIMENSIONS IN MILLIMETERS EXCEPT
PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	379
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

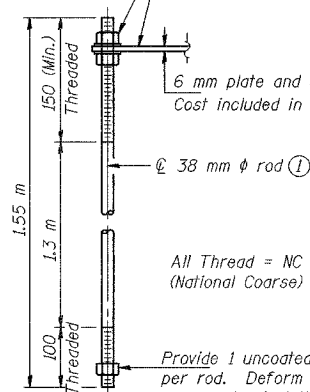
Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 270N-m minimum torque.



POSITIONING PLATE(S)

At each location, provide 6 mm thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.

6 mm plate and extra nuts become Contractor's property. Cost included in "Drilled Shaft Concrete Foundation".



ANCHOR ROD DETAIL

Anchor rods shall conform to AASHTO M314 Grade or 380 (36 or 55) and meet Charpy V-Notch (CVN) energy energy of 20 J at 5° C. Galvanize upper 305 mm per AASHTO M232. No welding shall be permitted on rods.

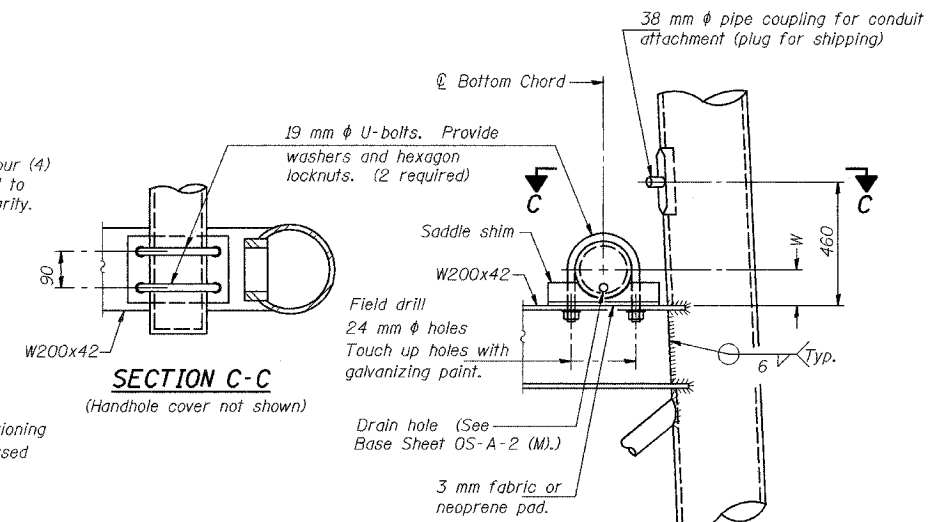
TYPE III-A TRUSS

DN 300 PIPE SUPPORT FRAME DETAILS

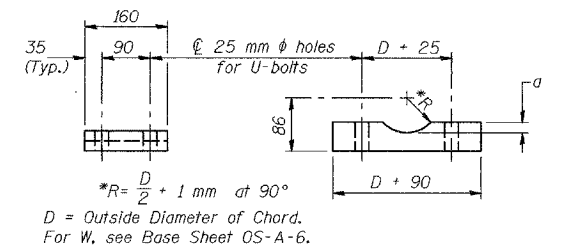
Notes: For Type III-A Truss spans greater than 45.7 m, and up to 48.8 m:

- ① 44 mm ϕ rod, 51 mm ϕ holes
- ② 70 mm edge distance
- ③ Base Pl. 41 x 600 x 600

NUMBER	REVISION	DATE



DETAIL C



Truss Chord Nominal Dia.	a
178	25
216	32
229	35

SADDLE SHIM DETAIL

ASTM B26M Alloy 356-F
or
ASTM B209M Alloy 6061-T651
(4 required per sign truss)

REVISIONS	
NAME	DATE

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

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

AMERICAN
CONSULTING ENGINEERS