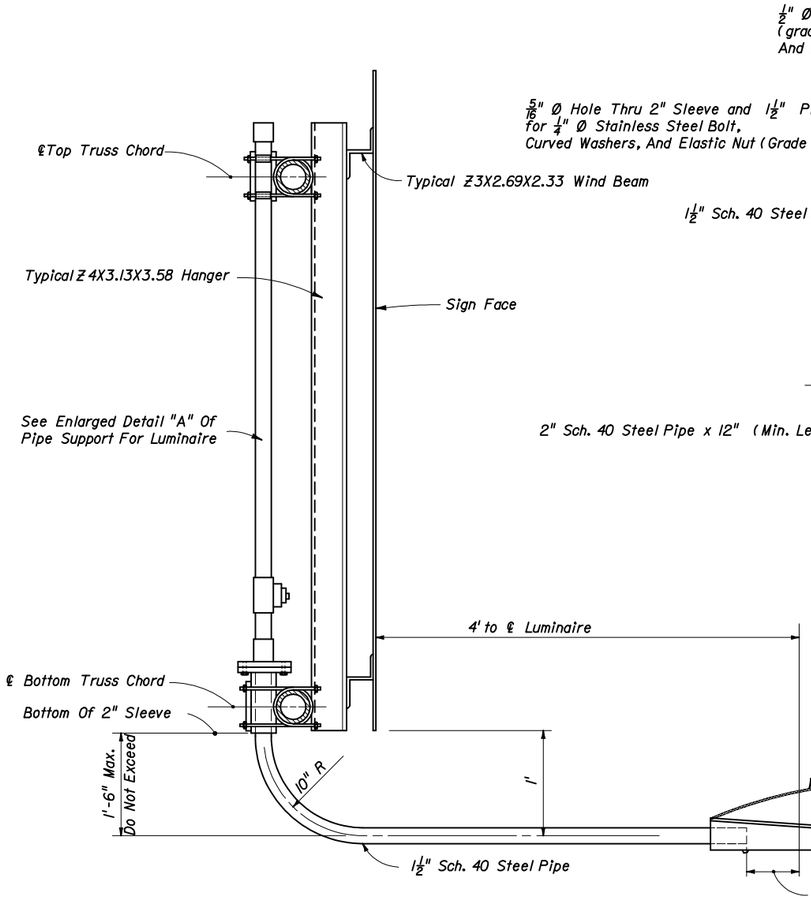
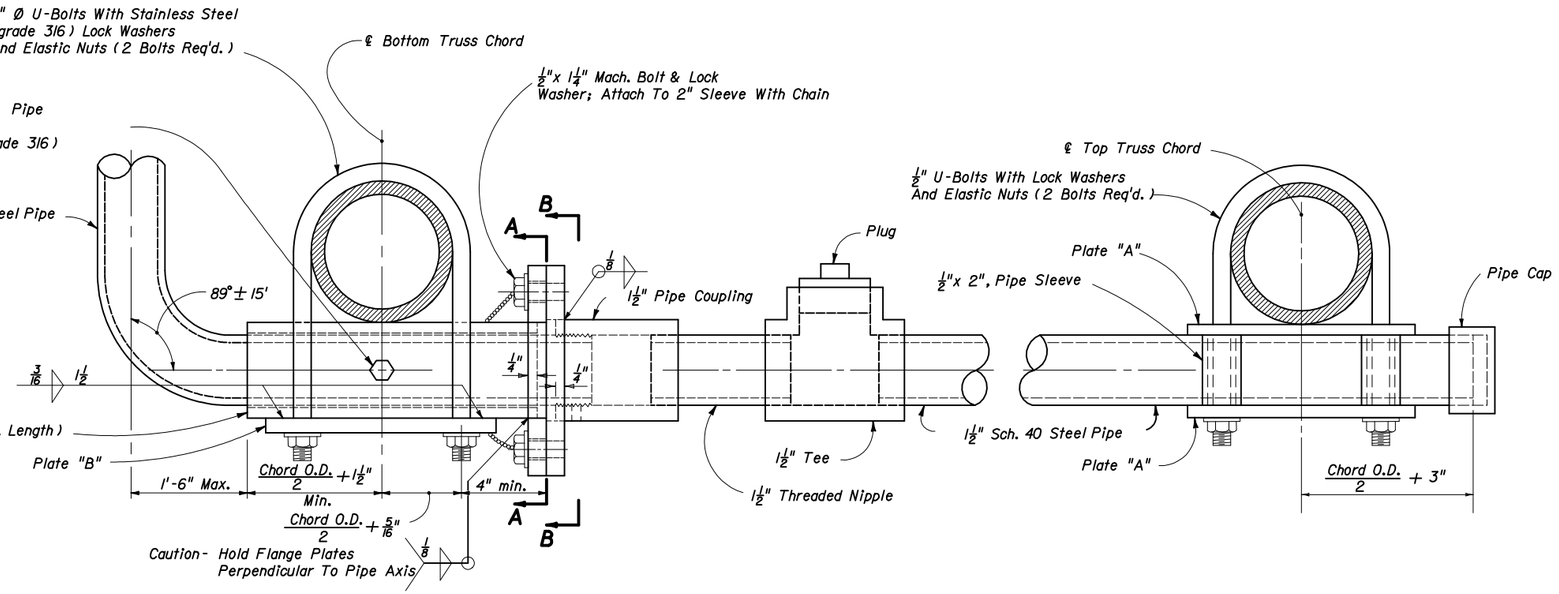


SECTION THROUGH SIGN SUPPORT AT LUMINAIRE



DETAIL "A"

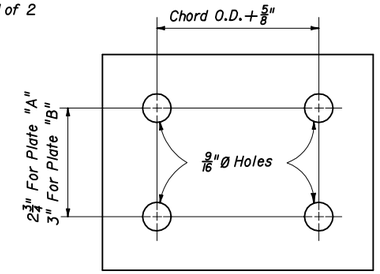
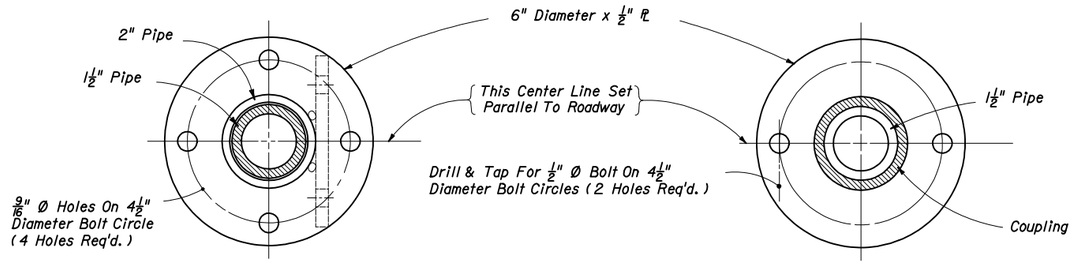


Plate "A": ¼" x 4¾" x Chord O.D.+ 2½"
Plate "B": ⅜" x 5" x Chord O.D. + 2½"



SECTION AA

SECTION BB

NOTES

1- Dimension "A" to be established by type and make of luminaire to be purchased and used on the project.

2- The center lines of both flange plates and the luminaire support arm are to be set parallel to the roadway before the set screw is seated.

3- Minor adjustments in the horizontal location of the luminaire support arm along the bottom chord of the truss will be allowed so that the flange plates will clear the truss web members.

4- All steel pipe shall meet the strength requirements of ASTM Specification A53 Grade "A" or Grade "B". Steel plates shall meet the requirements of A36 and bolts, nuts and washers shall meet the requirements of ASTM A307.

5- All items shall be hot dip galvanized after fabrication in accordance with the requirements of ASTM A123 and /or A153.

6- Luminaire support arm shall be free to rotate in a clockwise or counter clockwise direction. When service or maintenance is required for sign face or vertical face of truss; Support arm shall be capable of being locked in a position 90° from parallel to the roadway for unobstructed working clearance.

REVISIONS

Date	By	Description	Date	By	Description
01/01/06	L.W.	Revise Detail A notes.			

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

2006 Interim Design Standard

EXTERNAL LIGHTING FOR SIGNS (MERCURY VAPOR)

Interim Date 01/01/06

Sheet No. 2 of 2

Index No. 17505