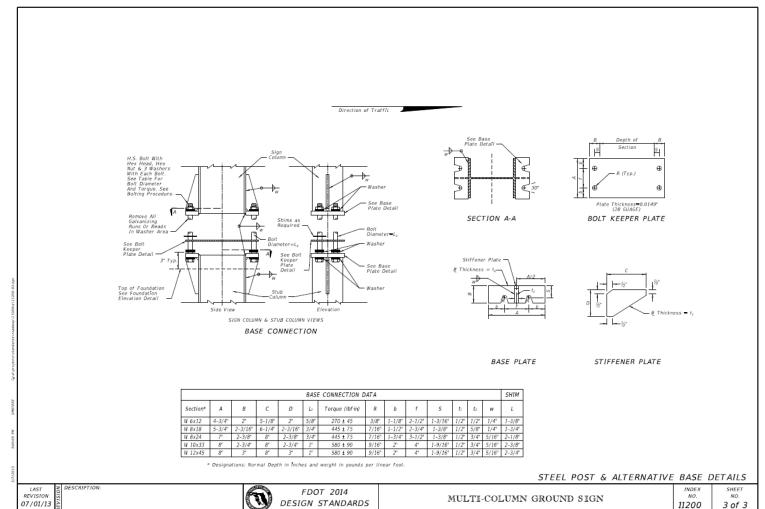
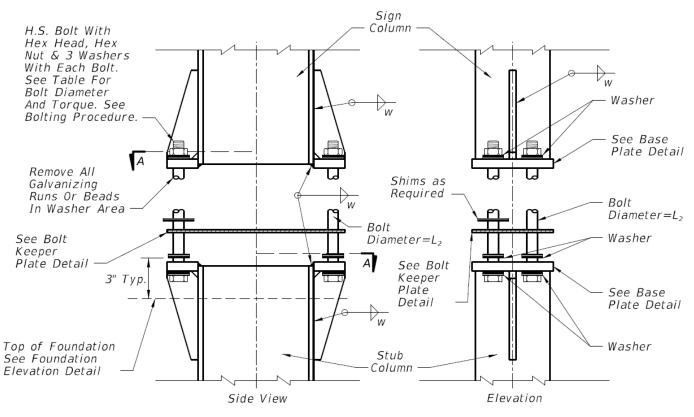
### Traffic Standards



Chester A. Henson, P.E.
State Traffic Standards Engineer
<a href="mailto:chester.henson@dot.state.fl.us">chester.henson@dot.state.fl.us</a>
(850) 414-4117



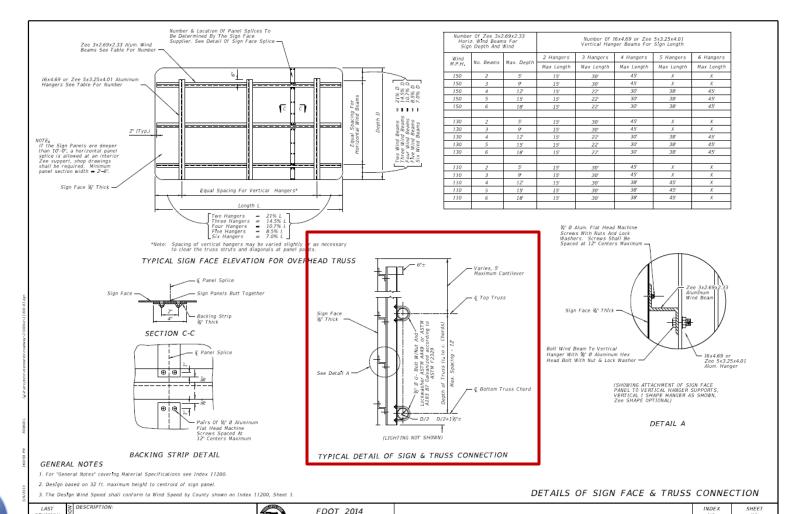




SIGN COLUMN & STUB COLUMN VIEWS

BASE CONNECTION





DESIGN STANDARDS

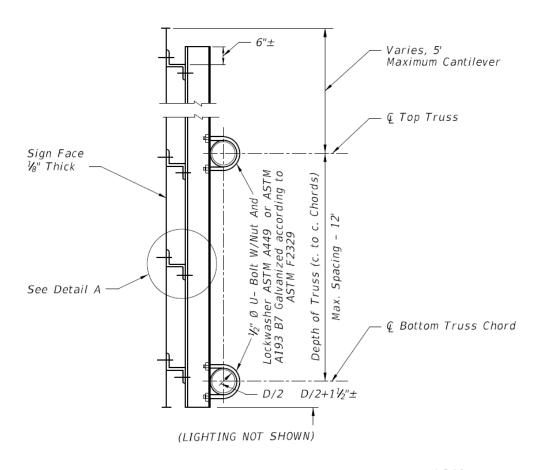
STEEL OVERHEAD SIGN STRUCTURES

11300

1 of 1

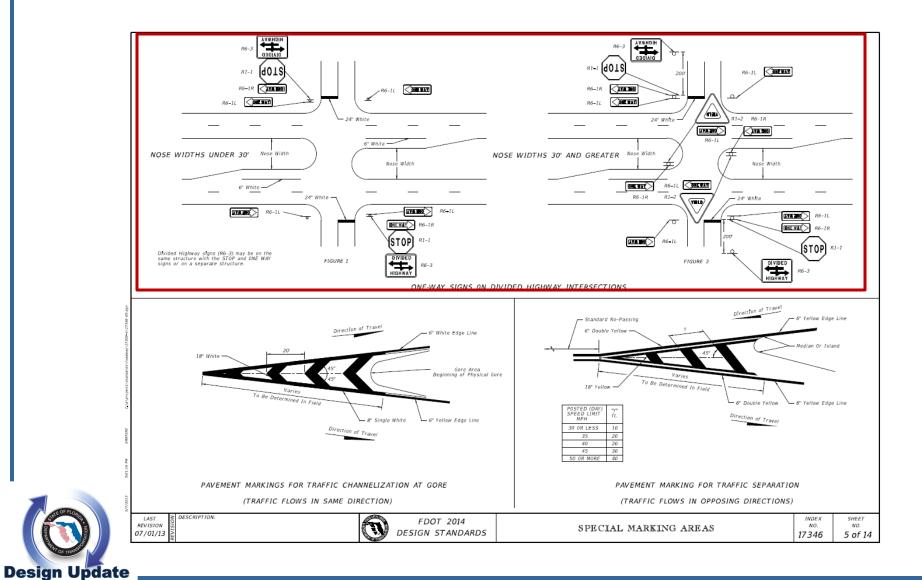


REVISION

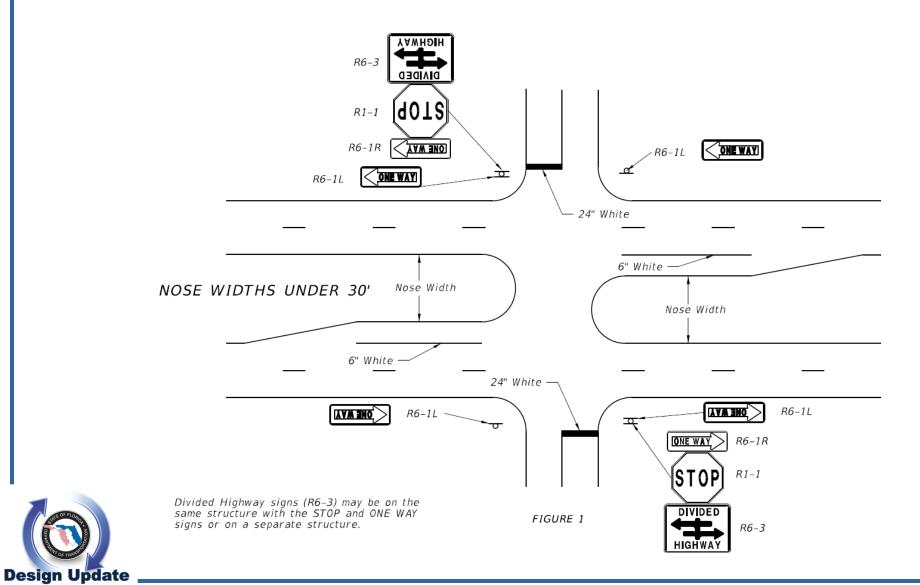


TYPICAL DETAIL OF SIGN & TRUSS CONNECTION

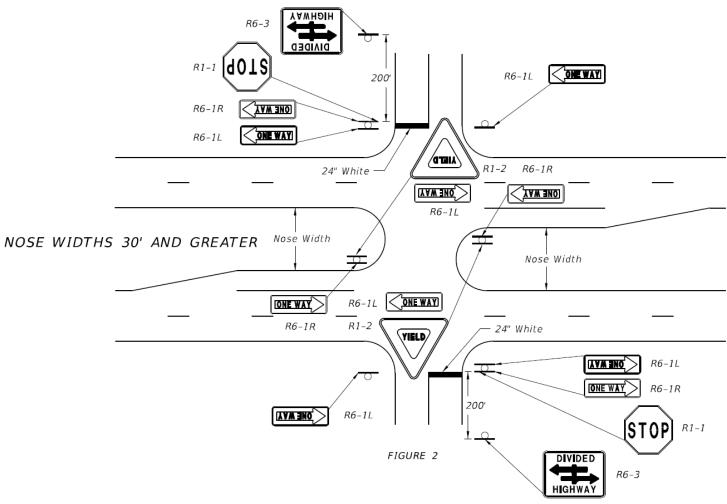


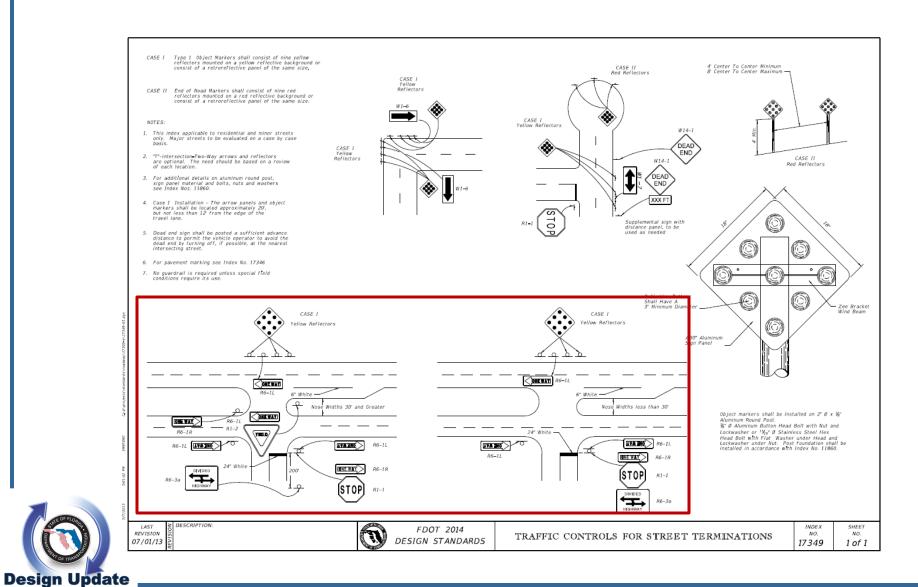


**Training** 

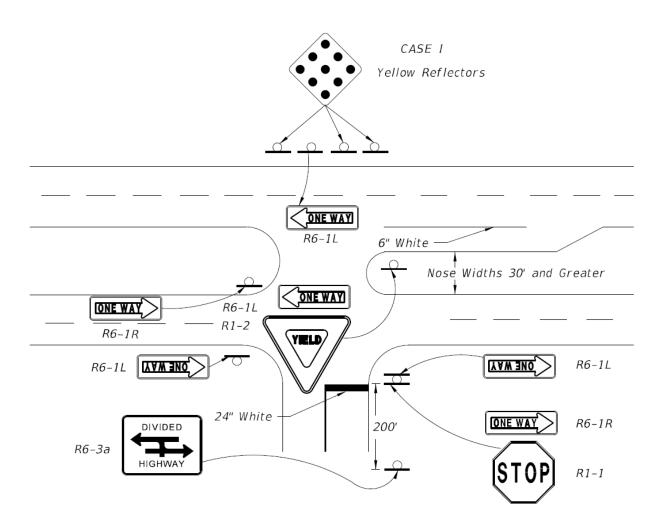


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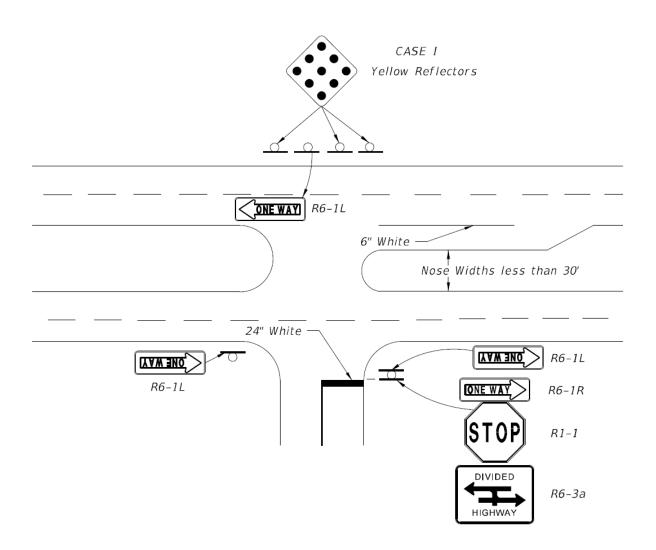




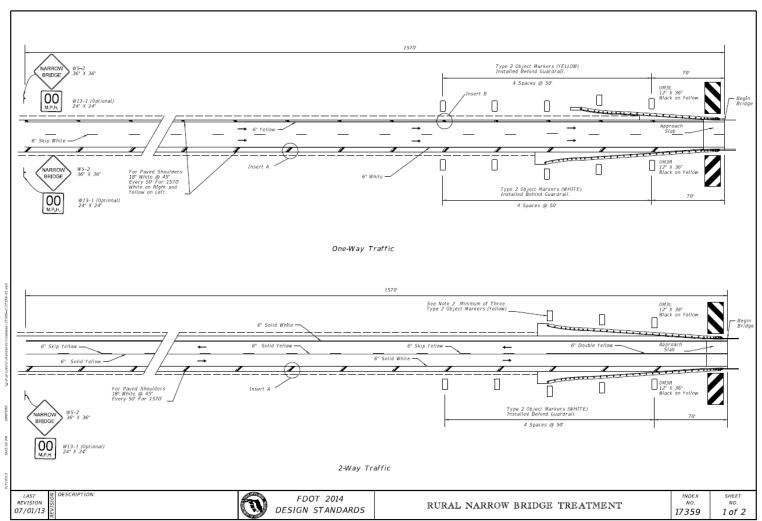
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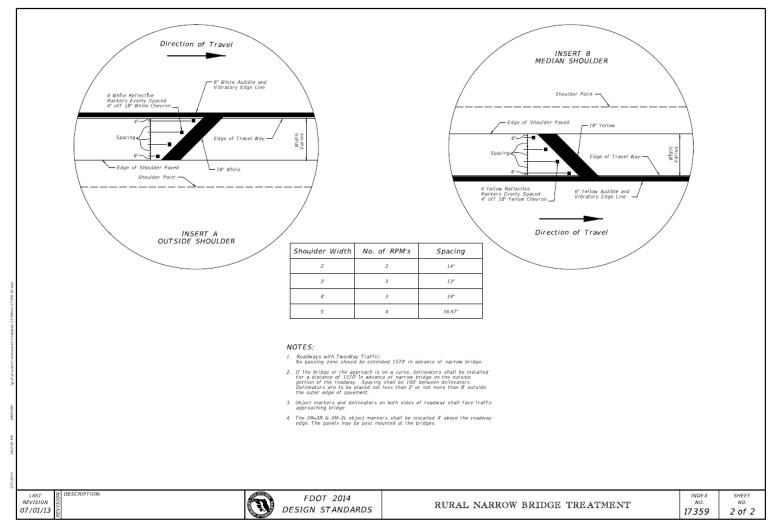


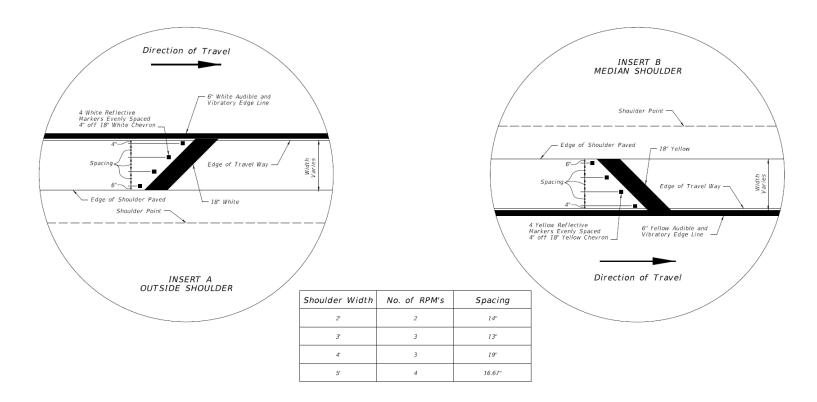




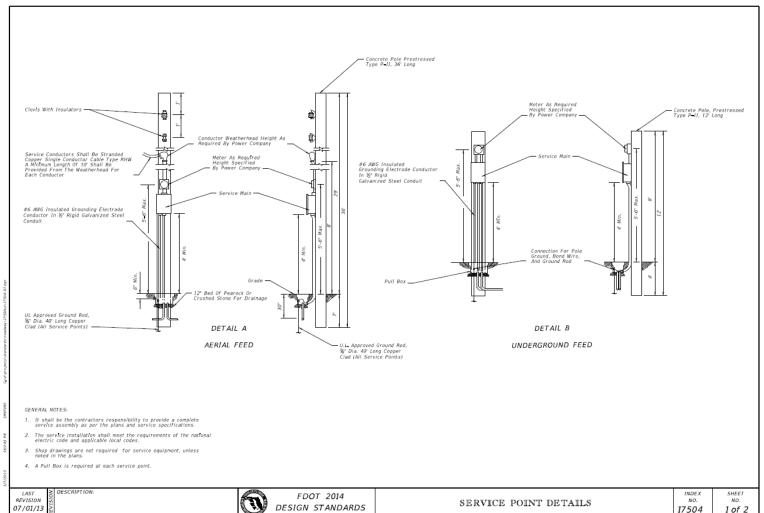




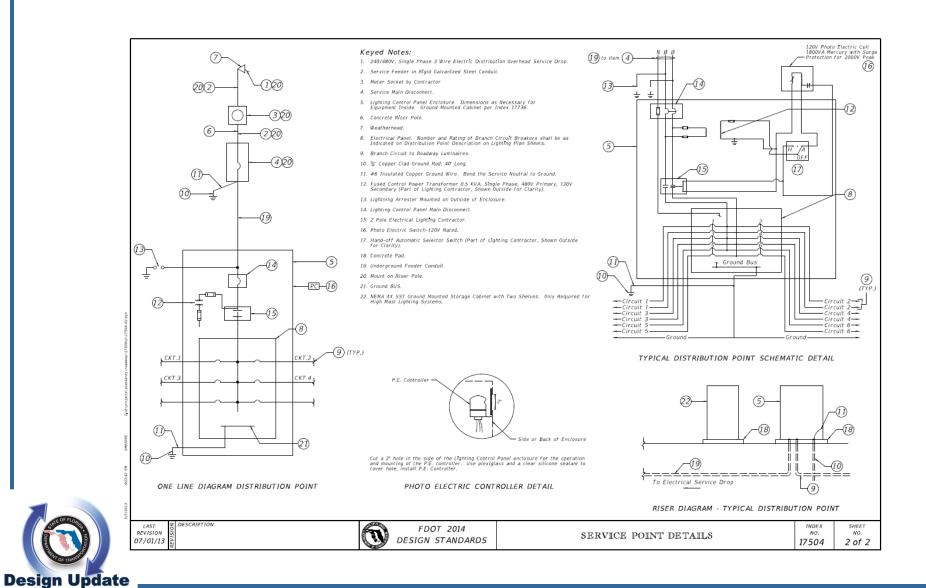




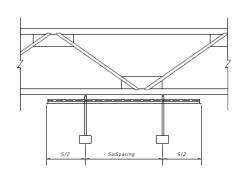








**Training** 



### PLACEMENT OF SIGN LIGHTS

DESCRIPTION:

REVISION

07/01/13

- Luminaires that recommend their fixture be tilted shall be mounted on a bracket which provides the recommended tilt.
- 2. Luminaire spacing and arm length is shown on guide sign worksheet.
- Guide sign worksheet indicates sign luminaire used for basis of design. The contractor may propose a different luminaire by submitting photometric calculations for each lighted sign for review.

### SIGN LIGHTING INSTALLATION

Roadway Lighting included in contract:

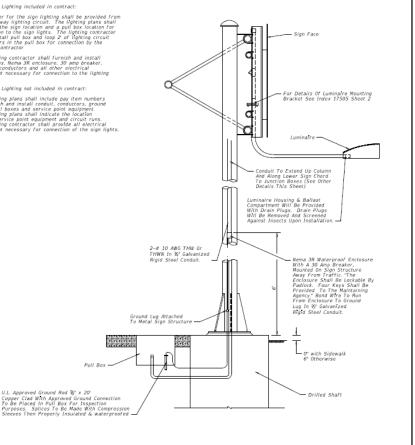
The power for the sign lighting shall be provided from the roadway lighting circuit. The lighting plans shall indicate the sign location and a pull box location for connection to the sign lights. The lighting contractor shall install pull box and loop 2 of lighting circuit conductors in the pull box for connection by the signing contractor

The signing contractor shall furnish and install luminaires, Nema 3R enclosure, 30 amp breaker, conduit, conductors and all other electrical equipment necessary for connection to the lighting circuit.

Roadway Lighting not included in contract:

The signing plans shall include pay item numbers to furnish and install conduit, conductors, ground rods, pull boxes and service point equipment. The signing plans shall indicate the location of the service point equipment and circuit runs. The signing contractor shall provide all electrical equipment necessary for connection of the sign lights.

U.L. Approved Ground Rod 1/2" x 20"





FDOT 2014 DESIGN STANDARDS

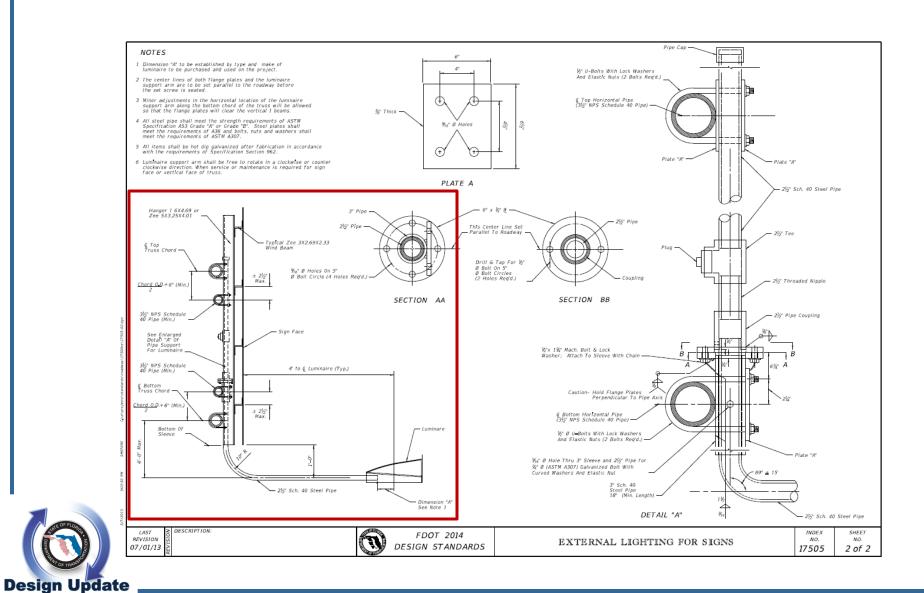
EXTERNAL LIGHTING FOR SIGNS

17505

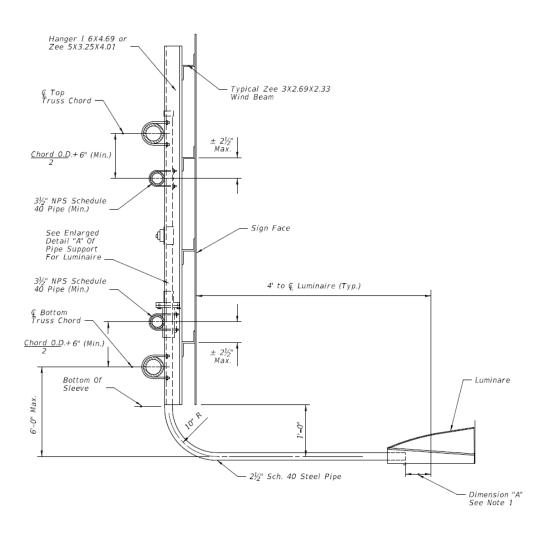
1 of 2

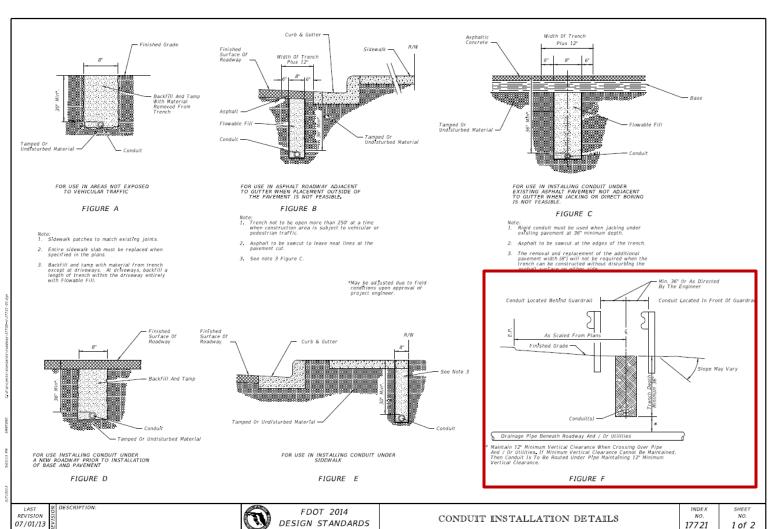


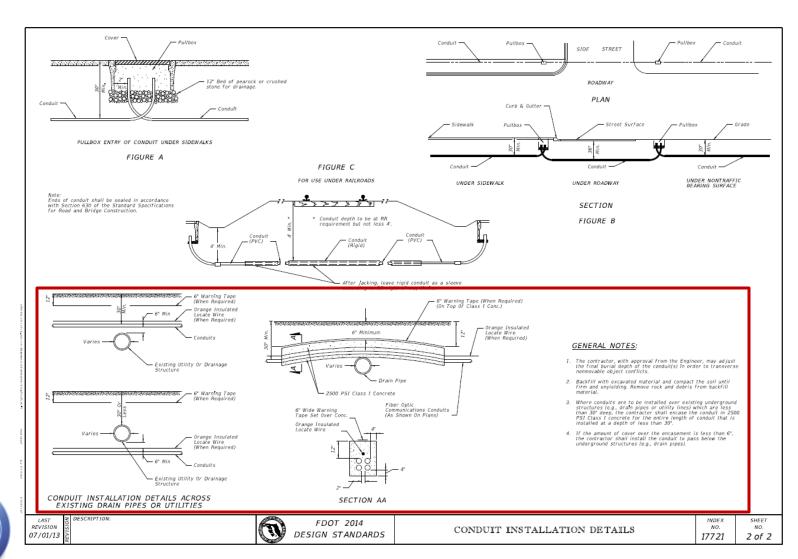


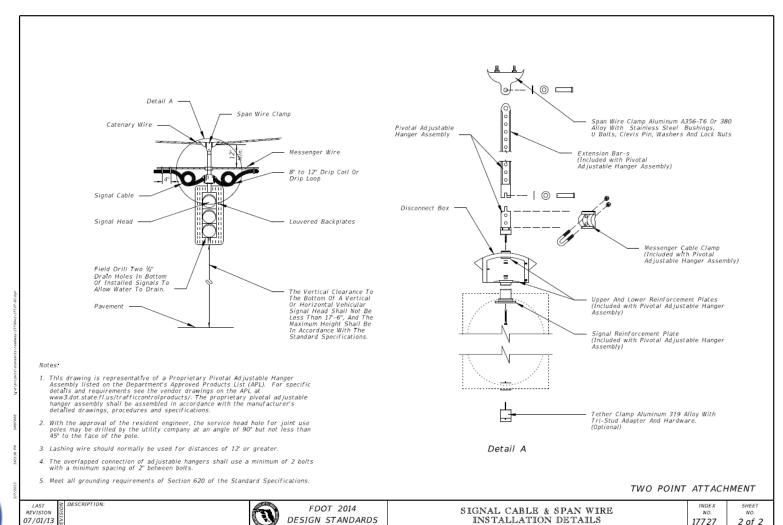


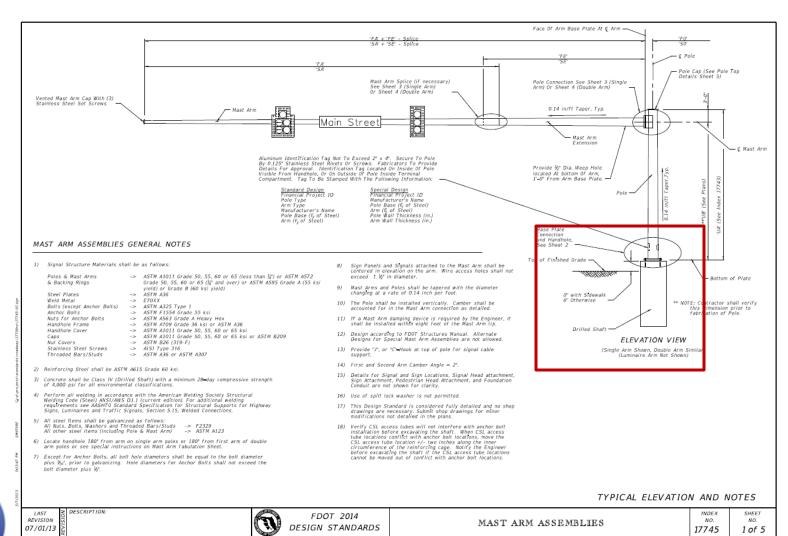
**Training** 

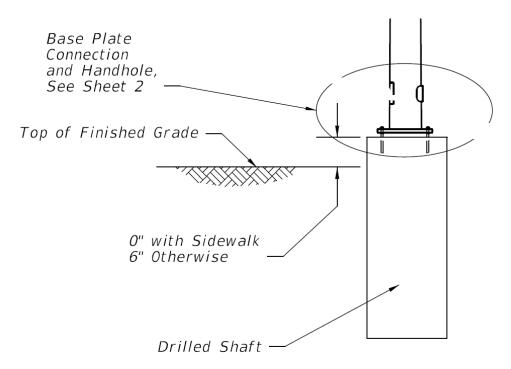








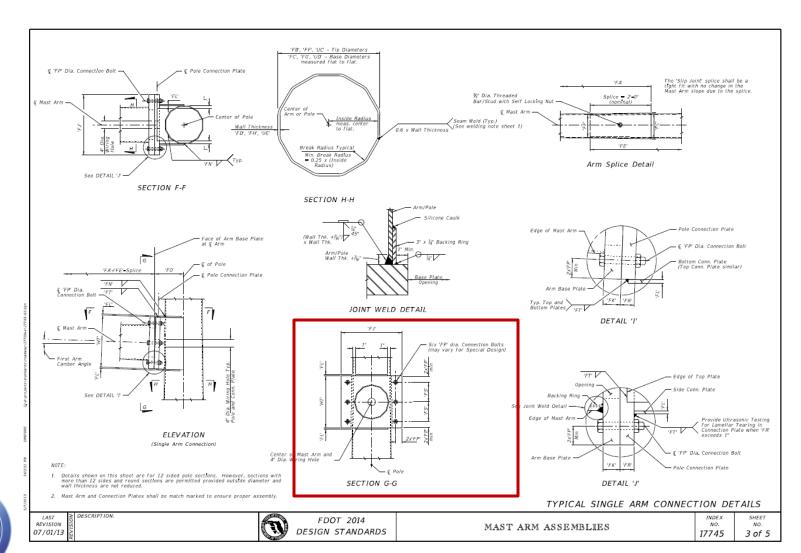


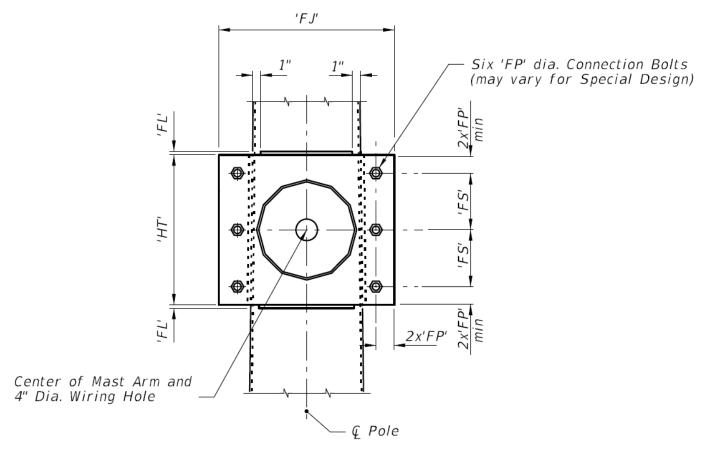


### **ELEVATION VIEW**

(Single Arm Shown, Double Arm Similar) (Luminaire Arm Not Shown)











# Design Index 17502, 17515, 17723, 17725, 17745

General Note on all Indexes

"This design standard is considered fully detailed and no shop drawings are necessary. Submit shop drawings for minor modifications not detailed in the plans."



### **Questions**

