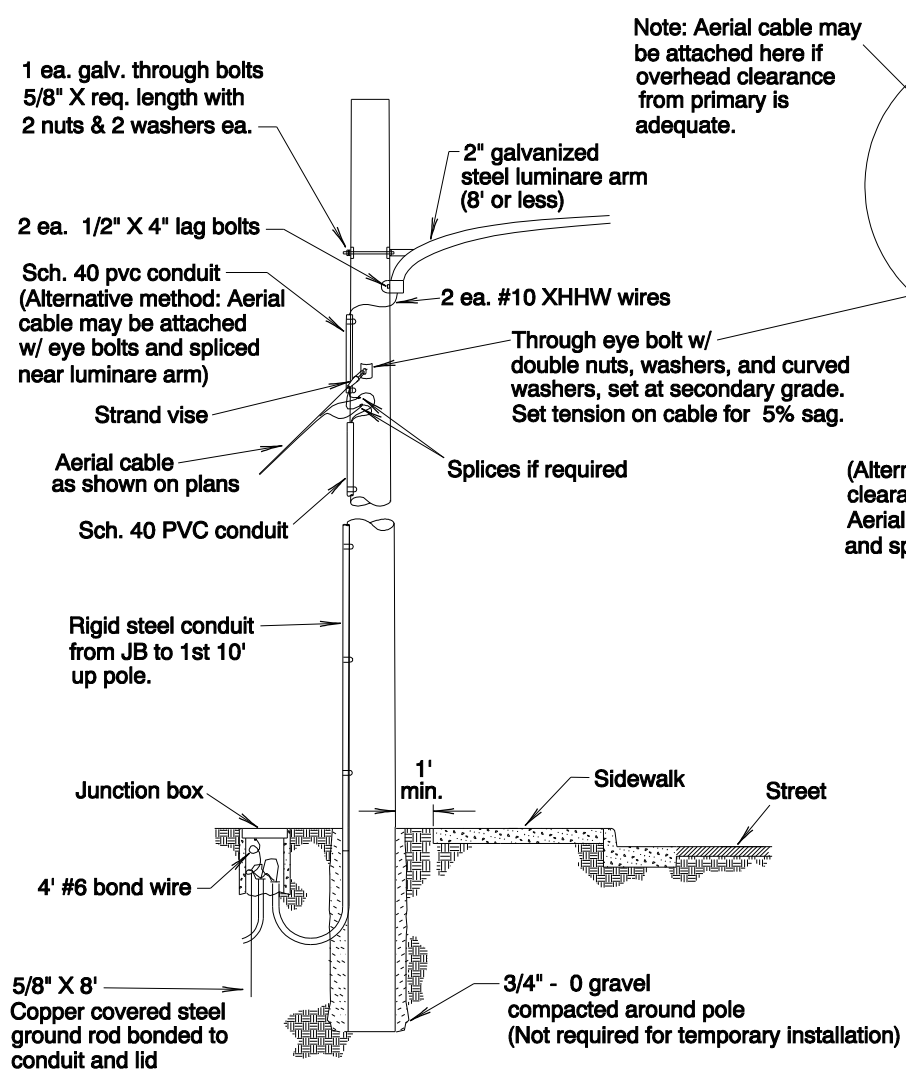
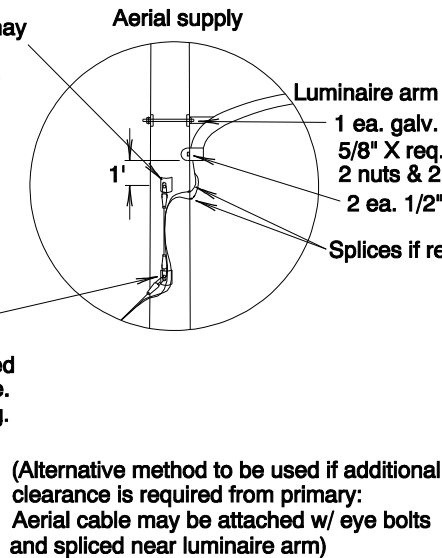


LUMINAIRE INSTALLATION  
ON WOOD POLES



TYPICAL CURB-SIDE SIDEWALK LOCATION  
(UNDERGROUND TO AERIAL TRANSITION)



TYPICAL SETBACK SIDEWALK LOCATION  
(UNDERGROUND SERVICE)

BRACKET ARMS 8 FEET OR LESS (AS REQUIRED)

- Note: Luminaire supports shall be designed in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals
- The design wind velocity shall be 100 mph unless shown otherwise on the plans or in the Special Provisions for the project.
  - Bolts shall conform to ASTM Specification A307.
  - Steel sheet and plate shall be Merchant quality.
  - All structural steel including washers and nuts shall be hot dip galvanized after fabrication unless noted otherwise.
  - Wind rods required for arms over 8'
  - Details are not for ODOT Highway projects. Designer or Engineer may use the details per request of the city / county who owns and maintains the Illumination system.

|            | LUM. MAX. WT. | MAX. PROJ. AREA |
|------------|---------------|-----------------|
| 5' thru 8' | 65 lbs.       | 2 sq. ft.       |

ARM LENGTH

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

**OREGON DEPARTMENT OF TRANSPORTATION**  
TECHNICAL SERVICES  
DETAILS

LUMINAIRE INSTALLATION  
ON WOOD POLES

DETAIL NO.  
DET4310

DET4310