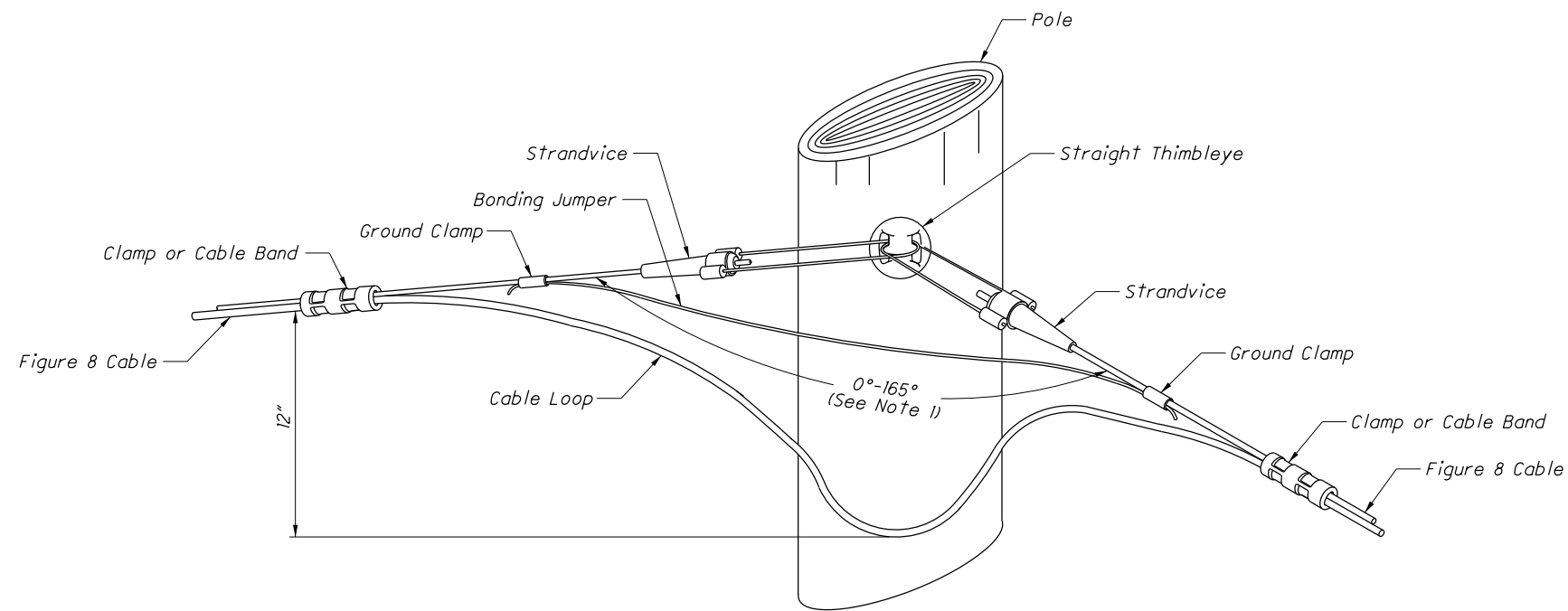


TOP VIEW



FRONT VIEW

NOTES:

1. For angles of 166° through 180° use interconnect attachment details shown on Standard Construction Drawing (SCD) TC-84.20. Messenger wire pole attachment shall be by a pole clamp on steel poles and by a 5/8" thru-bolt or thimbleye bolt with curved washers on wood poles.
2. The interconnect or loop detector lead-in messenger wire shall be electrically grounded at the first and last poles in a cable run and at intervals not to exceed 1200'. When attached to wood poles, the messenger wire shall be grounded by bonding to existing ground wire or connection to a ground rod. The messenger wire shall be bonded to grounded steel poles by use of a 1/2" bolt, drilled and tapped into the pole.
3. The interconnect or loop detector lead-in cable shall have a sag between 3% and 5% or match the existing utility lines.
4. Grounding of poles shall be as shown on SCD TC-84.20.

THIS DRAWING REPLACES TC-84.21 DATED 01-19-2007.

STANDARD ROADWAY CONSTRUCTION DRAWING

MESSANGER WIRE DETAILS II

TC-84.21

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REVISION DATE

10-18-2013

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR

James Young

STATE ENGINEER

Duemmel

OFFICE OF ROADWAY ENGINEERING