

6300301 CONDUIT
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Bruce Leach
Highway Safety Devices

Comments: (5-13-15)

Many FDOT districts originally required a 4" outer duct with three 1 1/4" inner ducts. When it proved difficult to pull the three 1 1/4" inner ducts into the 4" outer duct conduit. They allowed us to change to three 1" inner ducts. So, several concerns now – 1) there is much infrastructure in the ground that is 1" conduit, 2) if we are now required to install the three 1 1/4" inner ducts, we will be back to fighting the difficulty of pulling the three 1 1/4" inner duct into the 4" outer duct.

Response: The specification change only provides for the minimum size when not shown in the plans. If the plans call for a 4" outer duct with three 1" inner ducts, it would override the specification. For single conduits the specification allows reducing the 2" minimum to 1 1/4" for the following conditions. No changes made.

Stefanie Maxwell
CO Construction

Comments: (5-26-15)

We need to make it clear that Schedule 80 PVC or Schedule 40 PVC can be used for fiber optic cable installations on nonlimited access facilities.

Use HDPE with an SDR number less than or equal to 11, Schedule 80 PVC or Schedule 40 PVC for underground installations in earth or concrete for **fiber optic cable installations** and traffic control signal and device applications, except, use only HDPE with an SDR number less than or equal to 11 for fiber optic cable installations on limited access facilities.

Response: Change made. Wording will use "ITS" instead of "fiber optic cable installations".

DJ Conner
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Comments: (5-27-15)

Section 630-3.2 It is not uncommon to see projects either fully designed or spec'd out in the MTR's to use a 1" innerduct inside a 4" outerduct. May want to consider making 1" the minimum acceptable size to avoid discrepancies in various documents.

Response: The specification change only provides for the minimum size when not shown in the plans. If the plans call for a 4" outer duct with three 1" inner ducts, it would override the specification. No changes made.
