

6390303 ELECTRICAL POWER SERVICE ASSEMBLIES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Pat McCann
(954) 254-8317
pmccann@targetengineering.com

Comments: (6-1-15)

I have comments on the following section in quotes: As written it sounds like the Dept. is differentiating method of measurement of pay quantities for conductors in signals vs. lighting. When you say "for all conductors" or "for each conductor", that could be interpreted as the same method of measurement. If the intent is to pay the same for both, then suggest you use the same language. If the intent is not to pay the same way, then suggest you clarify the lighting method. "Payment for Electrical Service Wire between service disconnect and traffic cabinet is based upon the distance of the cable run and includes payment for all conductors used in the run. Payment for Electrical Service Wire for lighting applications is paid for each conductor in the run."

Response: The Service Wire pay item is only used for signalization and ITS applications. For lighting applications the service wire is paid under Lighting – Conductors. Yes, Service Wire is paid for differently than Lighting Conductors. See changes made.

Chris Sweitzer
chris.sweitzer@dot.state.fl.us

Comments: (6-4-15)

639-3.3: Note 992-1.3 calls for a different type of insulation (THWN-2) for lighting conductors. 639-5.1 second change: suggest changing "...paid for each conductor..." to "...paid for per each conductor..." for clarity/readability.

Response: See response to Comment No. 1. Yes, the insulation for Service Wire is different than insulation for lighting conductors. See changes made.

Chad O. Rucks (via Deborah Ihsan)
FDOT, D4
(772) 429-4938

Comments: (6-17-15)

Section 639-3.3 Electrical Service Wires: Recommend adding to the last sentence in this section to read: For lighting applications, size conductors to meet load requirements specified in the plans.

Response: After reviewing the note, it is the Engineer's responsibility for lighting plans to determine the load and size of the conductors. Last sentence revised.
