

9920109 HIGHWAY LIGHTING MATERIALS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Daniel L. Scheer, P.E.
daniel.scheer@dot.state.fl.us

Comment: (6-27-13)

992-1.9 & 992-4.1 Shouldn't we be using 'standard units' for temperature in our Specs... FL is no longer metric.

Response:

Rodriguez, Angel

Comment: (6-28-13)

1. Need to reconcile the naming of equipment between the spec. and Index No. 17736. (i.e., Main Disconnect and Service Disconnect).

Response:

2. Need to reconcile 992-1.9.1 and Note 6 of Index 17736 (NEMA 4X vs. NEMA 3R). 25,000 AIC is a 600 volt rating, at 480 volts the ratings are different (14,000, 18,000, 35,000, 65,000, etc.). I would suggest saying "minimum 25,000 AIC", this way there would be no questions.

Response:

3. There is no mention of a Control Panel on Index 17736, is this the Underground Cabinet? It is not clear, from the spec (992-1.9.3 Control Panel Main Disconnect) or the Index, what is inside the Control Panel/Underground Cabinet. Is it a distribution panel with a lighting contactor next to it installed in the Underground Cabinet? Anyway, the paragraph does not describe a Main Disconnect, it describes a distribution panel.

Response:

4. What is the rating of the lighting contactor, 30 A., 60 A., 100 A., or as indicated in the Plans?

Response:

5. 992-1.9.5 – distribution panels are not specified with number of poles, they are either single phase (2 poles) or three phase (3 poles). What is the rating of the panel?

Response:

6. 992-1.9.5 – distribution panels do not have AIC ratings, the AIC rating is determined by the rating of the breakers used in it. I would describe it as: "Single phase, 600 volts, NEMA 1, with neutral bus and ground bus."

Response:

Patrick Marchant
35-470-5214
patrick.marchant@dot.state.fl.us

Comment: (7-19-13)

992-1.9.4 - If a contactor is connected across load side of the main breaker as shown in standards, than it should be rated at 480 volts across two phases.

Response:
