

SUDAS Revision Submittal Form

Status Date: As of 5/18/2023 **Topic:** Traffic signal conduit
Manual: Specifications **Manual Location:** Section 8010, 2.01, B, 3

Requested Revision:

2.01 Underground

B. Conduit

3. Plastic Conduit and Fittings:

a. PVC:

- 1) PVC Schedule 40 plastic conduit and fittings complying with NEMA TC-2 (pipe), NEMA TC-3 (fittings), and UL 651 for Schedule **80** ~~40 heavy wall~~ type.
- 2) Solvent welded, socket type fittings, except where otherwise specified in the contract documents.
- 3) Threaded adaptors for jointing plastic conduit to rigid metal ducts.
- 4) Provide bell end fittings or bushings.

b. HDPE:

- 1) Comply with ASTM F 2160 (conduit) and ASTM D 3350 (HDPE material), SDR 13.5.
- 2) Use the color specified in the latest NEC or approved by the owner.
- 3) Continuous reel or straight pieces to minimize splicing.
- 4) For dissimilar conduit connections, provide an adhesive compatible with both materials.

Reason for Revision: Clarified Schedule 80 PVC meets the heavy wall conduit requirement.

Comments: None.

District: 1 2 3 4 5 6 **2/22/2023 Webinar**

Comments: None.

District: 1 2 3 4 5 6 **4/2023 Meetings**

Comments: None.

Action: Deferred Not Approved Approved

Final District Action Summary: All 6 districts approved.

Board of Directors Action: Approved.