

6300300 CONDUIT
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (6-20-23 Internal)
See the question below:

I have a question regarding the following sentence recognizing that the only part of this section that is pending change is "except for conduits serving vehicle detection loop pull boxes."

4. Rigid galvanized steel elbows and bends for HDPE and PVC conduit raceways longer than 200 feet in length or 2 inches trade size and larger, except for conduits serving vehicle detection loop pull boxes.

We commonly see plans call out for 2" and 4" trade size, 36" long PVC sweeps for use under toll equipment buildings, especially to pipe in the area identified as the working space. But this language reads like all sweeps under the building and greater than or equal to 2" should be rigid gal. steel, expect for the loops.

It is not our experience in constructing these sites to use rigid gal. sweeps under the building other than for the primary power feeding the ATS. This may be a larger topic for LESS but I wanted to chime in during the comment period?

Response: We concur. We will revise the criteria to account for 200 feet in length and 2 inches trade size and larger.

Action: We will revise item 4 to say "...200 feet in length ~~or~~ and 2 inches trade size and larger..."

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Comments: (6-27-23 Industry)

Pages 3 and 4 Please remove "underground" from last paragraph (item 2) in page 3 and first paragraph (item 3) in page 4 from "vertical underground conduit".

Response: We agree. We will remove and slightly rephrase these sections to more efficiently describe the conduit.

Action(s): We will revise items 2 and 3 to state the following:

2. Schedule 80 PVC for open trenching of exterior **underground** conduits and vertical **underground** conduit **under inside** the footprint of a toll equipment building/**cabinet**, except for power service conduits.

3. Rigid steel conduit coated with PVC or a bituminous coating painted up to 6 inches above finished grade for power service conduit and vertical **underground** conduits entering or leaving the ground outside the footprint of a toll equipment building/**cabinet**.
