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## Index 653-001 Pedestrian Control Signal Installation Details

### **ORIGINATION**

**Date:** 6/18/25

**Name:** Ronald Meyer

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### **COMMENTARY**

The TERL has received multiple questions from Contractors regarding clarification of grounding requirements for pedestal poles. This update is to help clarify requirements to reduce future questions. Corresponds with Specification update to 620-3.3.

### **COMMENTS AND RESPONSES**

**BLACK** = Industry Review Comments   **BLUE** = Standard Plans Response   **GREEN** = Change Made to Index

**Name:** John Battle

**Date:** 8/6/25

**COMMENT:** Do you want to include a maximum distance for the pull box from the pedestal mounted signal? This may vary by maintaining agency, but I notice that some designers will put the pedestrian signal pull box 20'-30' away from the pedestrian signal pedestal.

**RESPONSE:** A corresponding specification update clarifies that ground rods for poles, including pedestal poles on T-bases, be no more than 36" from the pole foundation:

"Ground poles, including pedestal poles on transformer bases, to a ground rod assembly that is part of the intersection grounding network array, in a pull box, and no more than 36 inches from the pole foundation."

**CHANGE MADE TO INDEX:** No.

*Response Date:* 8/21/25

**Name:** Bijan Behzadi

**Date:** 8/6/25

**COMMENT:** Suggest adding a note to state " Provide separate pull boxes for high voltage cable (pedestrian signal) and low voltage cable (Detection Cable).

**RESPONSE:** There is a corresponding specification update in SSRBC 632-3 to remove content that led many to believe that 2 conduits between the signal and cabinet are always needed. Specific project designs may or may not require entirely separate cables due to local rules and regulations, including standard requirements and practices of local traffic engineering offices and maintaining agencies. The Plans and their use of notes, details, and the existing pay items should be done in a manner that clearly describes the required and expected outcome.

**CHANGE MADE TO INDEX:** No.

*Response Date:* 8/21/25