



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

## Design Memorandum No. 13-06 Technical Advisory

March 27, 2013

**TO:** All Design, Operations, and District Personnel, and Consultants

**FROM:** /s/David Boruff  
David Boruff  
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Traffic Engineering Division

**SUBJECT:** Signal Electrical System

**REVISES:** *Indiana Design Manual Section 77-5.05*

**EFFECTIVE:** Lettings on or after September 1, 2013

**SUPERCEDES:** Design Memo 11-21

The subject *Indiana Design Manual* section has been revised to reflect the following changes.

Significant cost savings can be achieved on a traffic signal project depending on the electrical system design. An estimate of the service connection charge from the local utility company included in the Contract Information Book can avoid expensive change orders.

Polymer concrete handholes are less expensive than concrete handholes and are appropriate for locations that are protected from heavy vehicles. INDOT *Standard Drawings* and INDOT *Standard Specifications* 805.02, 805.16 and 922.17 have been revised to allow the use of polymer concrete handholes. The revised sections will appear in the 2014 *Standard Specifications*, effective for lettings on or after September 1, 2013. A Recurring Special Provision (RSP) will not be issued. The revisions can be found in the Standards Committee Approved Minutes dated February 21, 2013 at <http://www.in.gov/dot/div/contracts/standards/sc/>

HDPE has been added as an acceptable material for non-metallic conduit.

Revisions to Section 77-5.05 are attached to this memo.

DHB:jb