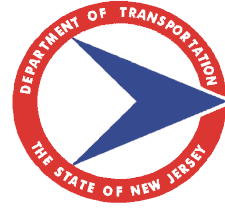


*New Jersey Department of Transportation*  
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600

*Baseline Document Change Announcement*



**2007 Standard Electrical Details Booklet**

**BDC07D-03**

**July 17, 2008**

**SUBJECT: Release of the Standard Electrical Details, 2007**

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The 2007 edition of the Standard Electrical Details booklet is hereby issued. The 2001 Electrical Details have been modified to include the following:

- \* Modified wording and Items to correspond with the 2007 Standard Specifications for Road and Bridge Construction.
- \* Modified notes to correspond with the 2001 AASHTO Standards.
- \* Deleted Details: T-1501, T-3901, T-4201 and T-4401.
- \* On Detail T-1407 "Red Signal Ahead" legend has been changed. The "Signal Ahead" legend is now Lunar white. The note for the number of supports has been changed from "two" to "as recommended by the sign manufacturer".
- \* On Detail T-3507 changed metal cabinet dimension to provide from 40" to 54" high.
- \* Sheet numbers changed to reference new effective date.

The newly added INTELLIGENT TRANSPORTATION SYSTEM (ITS) details correspond to the 2007 Standard Specification, and Pay Items:

- \* General Systems details include ITS junction boxes, underground flexible non-metallic conduit installation typical, conduit hanger systems for structures, and general description ITS controller cabinets that coincide with project specific special provisions. Also included in these details are drawings for communication hubs which serve as junction points for State highways and interstates where fiber optic transmission and telecommunications equipment reside.
- \* Camera Surveillance details include the cameras, pole standard types, and foundations along

with the typical controller cabinets. Project specific needs for Communication equipment requires Special Provisions Input.

- \* Travel Time System details provide typical mounting details and controller equipment for the current EZ-pass tag reader equipment deployment strategy that is widely accepted in NJ at this time.
- \* Roadway Weather Information Systems, Weigh-in-Motion and Traffic Volume Systems are newly added details not typically issued by the Bureau of ITS Engineering. These details are included as intelligent devices as they also provide for electronic data collection and information sharing.

**Distribution of hard copy of the Electrical Details 2007 Booklet:**

The booklet can be obtained by contacting:  
New Jersey Department of Transportation  
Engineering Documents Unit  
E & O Building, 1 st Floor  
1035 Parkway Avenue, PO Box 600  
Trenton, NJ 08625-0600  
Phone: (609) 530-5587, Fax: (609) 530-6626

Cost: Contact Engineering Documents Unit for applicable cost and shipping charges

**Implementation Code S (SPECIAL)**

These details shall be used on projects designed using 2007 Standard Specifications.

**Recommended By:**

*Original signed by Walt McGrosky*

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Walt McGrosky, Director  
Capital Program Support

**Approved By:**

*Original signed by Richard Hammer*

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Richard Hammer  
Assistant Commissioner,  
Capital Program Management

SL: YB: FA

Attachments: Standard Electrical Details booklet-2007 (Hard copies are available upon request).