

# New Jersey Turnpike Authority

PO Box 5042, Woodbridge, NJ 07095



## Document Change Announcement

### Standard Drawings

DCA2013-SD-01

**DATE:** January 17, 2013

**Subject:** Revisions to Standard Drawings

### Description of Change

- Replace Drawings DE-1 and DE-2 with new and revised Drawings DE-1 to DE-6.
- Replace Drawings E-21, E-22 and E-29 with revised and reissued Drawings E-21, E-22 and E-29.
- Replace Drawings GR-5, GR-14 and GR-15 with revised Drawings GR-5, GR-14 and GR-15.
- Replace Drawings PM-1 to PM-4 with revised and reissued Drawings PM-1 to PM-4.
- Remove Drawings SI-1 to SI-12 and add new Drawings SL-1 to SL-27.
- Replace Drawings SI-22B and SI-28 to SI-42 with revised Drawings SI-22B and SI-28 to SI-42.
- Replace Index of Standard Drawings, sheets 1 and 2.

### Instructions to Designers and Consultants

Effective immediately, the revisions contained in this announcement shall be applied to all projects in every phase of design. For advertised contracts awaiting the opening bids, this revision shall be incorporated via addendum, if applicable. Contact your NJTA Project Manager for instructions. Attached revision is noted in italics.

Designers may access these revisions in the NJTA Standard Drawings, which is available on the Authority's Web Page: <http://www.state.nj.us/turnpike/standard-drawings.html>.

### Information for In-House Staff

The revisions have been incorporated into the Standard Drawings, which is available on the Authority's Web Page: <http://www.state.nj.us/turnpike/standard-drawings.html>. Please distribute the information to your respective Project Managers and have them direct their consultants appropriately.

**Recommended By:**

A handwritten signature in black ink, appearing to read 'R. Fischer', written over a horizontal line.

Robert J. Fischer, P.E.  
Assistant Chief Engineer, Design

**Approved By:**

A handwritten signature in black ink, appearing to read 'R. Raczynski', followed by the date '1/25/13', written over a horizontal line.

Richard J. Raczynski, P.E.  
Chief Engineer

cc: Senior Staff Engineering, Operations & Maintenance Departments, All Prequalified Consultant Firms, File

# *New Jersey Turnpike Authority*

## DOCUMENT UPDATE REQUEST

Forward to Assistant Chief Engineer, Design

<b>Initiator</b>	Steve Alpert, P.E./Nisha Patel	<b>Submittal Date</b>	01.15.13
<b>Firm</b>	HNTB Corp./NJTA	<b>Telephone</b>	973-434-3100

### Document (check one)

- Procedures Manual
- Design Manual
- Manual for Traffic Control in Work Zones
- Sample Plans
- Standard Drawings
- Standard Specifications

### Description of Change

The following changes are to be made to the Standard Drawings:

- Replace Drawings DE-1 and DE-2 with new and revised Drawings DE-1 to DE-6.
- Replace Drawings E-21, E-22 and E-29 with revised and reissued Drawings E-21, E-22 and E-29.
- Replace Drawings GR-5, GR-14 and GR-15 with revised Drawings GR-5, GR-14 and GR-15.
- Replace Drawings PM-1 to PM-4 with revised and reissued Drawings PM-1 to PM-4.
- Remove Drawings SI-1 to SI-12 and add new Drawings SL-1 to SL-27.
- Replace Drawings SI-22B and SI-28 to SI-42 with revised Drawings SI-22B and SI-28 to SI-42.
- Replace Index of Standard Drawings, sheets 1 and 2.

### Reason for Change

The revisions to the DE and PM Standard Drawings and the replacement of Drawings SI-1 to SI-12 with the new SL Standard Drawings are the outcome of HNTB's effort, as requested by the NJTA Engineering Department, to update the Authority's standards for substantial compliance with the MUTCD. These revisions correspond to the revised Section 6 of the Design Manual under the same effort, to be revised at the same time. As requested by the NJTA Engineering Department, HNTB is submitting all pending revisions to Standard Drawings that have been finalized as of January 15, 2013 as a single package in order to consolidate the procedure of updating the Standard Drawings. The reasons for changes to the Standard Drawings are as follows:

- Drawings DE-1 to DE-6 provide revised details for delineator and mile marker supports, and drawings are added for delineator applications and mounting bar details. With these revisions, existing Drawings DE-1 and DE-2 are superseded and are therefore to be replaced.
- Drawings E-21 and E-22 are changed with revised details with LED sign lighting changes, eliminating the Sign Lighting Maintenance System requirement. Drawing E-29 is changed with an updated list of approved LED roadway lighting luminaires.

- Drawing GR-5 provides revised notes stating that exit slots are to be as per manufacturer. Drawings GR-14 and GR-15 are revised for consistency with the updates to Design Manual Section 6 and the DE, PM and SL Standard Drawings under the MUTCD Compliance effort.
- Drawings PM-1 to PM-4 are changed with revised details for pavement marker placement at gore areas.
- Drawings SL-1 to SL-27 provide substantial revisions to NJTA signs. Signs no longer in use have been removed, standardized signs on the Turnpike and Parkway have been added, and new sign designations are provided with a nomenclature similar to that of the MUTCD. With these revisions, existing Drawings SI-1 to SI-12 are superseded and are therefore to be removed.
- Drawings SI-22B and SI-28 to SI-42 are changed to add electrical provisions to Parkway sign structures.
- Index of Standard Drawings sheets 1 and 2 are revised to reflect the above changes.