

# New Jersey Turnpike Authority

P.O. Box 5042, Woodbridge, NJ 07095



July 18, 2025

## Document Change Announcement

***Standard Drawings  
Light Pole Foundations  
DCA2025SD-02***

**Subject: Revisions to**

Drawing E-01 Lighting Standard Key Sheet  
Drawing E-02 Steel Lighting Standard  
Drawing E-03 Aluminum Lighting Standard  
Drawing E-07 Highmast Lighting Standard Details - 2  
Drawing E-09 Transformer Base And Pole Grounding Details  
Drawing E-10 Lighting Standard Anchor Bolt Details  
Drawing E-11 Lighting Standard Bases  
Drawing E-12 Junction Box Foundation  
Drawing E-13 Junction Box Type C  
Drawing E-33 Type F Load Center Details - 2  
Drawing E-35 Type G Load Center Details - 2  
Drawing BR-15 Parapet Lighting Blister And Type D Junction Box Details

**Description of Change:**

This DCA contains miscellaneous updates to lighting standards. A Design Manual and Standard Drawing DCA have been released in conjunction with each other. A summary of changes is appended to this announcement.

**Notice to New Jersey Turnpike Authority Staff and Design Consultants**

Effective immediately, all contracts currently in the design phase shall incorporate the revisions herein. For advertised contracts awaiting the opening of bids this revision shall be incorporated via addendum. Contact your New Jersey Turnpike Authority Project Manager for instruction.

The revisions may be accessed on the Authority's webpage: <https://www.njta.com/doing-business/professional-services>

**Recommended By:**

*(signature on original)*

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Lamis T. Malak, P.E.  
Deputy Chief Engineer - Design

*(signature on original)*

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Robert Higham, P.E.  
Acting Deputy Chief Engineer - Construction

**Approved By:**

*(signature on original)*

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Daniel L. Hesslein, P.E.  
Chief Engineer

DCA2025SD-02    Standard Drawings							
Published Standard Drawing	Prior Title	Prior Date	Prior Version	New Title	New Date	New Version	Summary of individual sheet changes
E-01	LIGHTING STANDARD KEY SHEET	1/2024	1	(NO CHANGE)	7/2025	2	Light Pole Base Types are updated with foundation depths for specific light pole types.
E-02	STEEL LIGHTING STANDARD	1/2024	1	(NO CHANGE)	7/2025	2	Steel light pole design standards and mounting hardware are updated. Design specifications for wind loading are moved to the Design Manual. Requirements for shop drawings and light pole installation hardware are standardized and clarified.
E-03	ALUMINUM LIGHTING STANDARD	9/2021	0	(NO CHANGE)	7/2025	1	Design requirements and grounding details are clarified.
E-07	HIGHMAST LIGHTING STANDARDS DETAIL - 2	1/2024	1	(NO CHANGE)	7/2025	2	Added limitations for Ground Rod installation and guidance for High Mast Pole installation location.
E-09	TRANSFORMER BASE AND POLE GROUNDING DETAILS	1/2024	1	(NO CHANGE)	7/2025	2	Clarified transformer base mounting hardware dimensions.
E-10	LIGHTING STANDARD ANCHOR BOLT DETAILS	9/2021	0	(NO CHANGE)	7/2025	1	Updated details for vibration damping pad and direction for bolt circle diameters.
E-11	LIGHTING STANDARD CONCRETE BASE	1/2024	1	(NO CHANGE)	7/2025	2	Concrete light pole foundation depths are updated for specific light pole types.
E-12	JUNCTION BOX FOUNDATION	9/2021	0	(NO CHANGE)	7/2025	1	Anchor bolt and bolt circle details are updated. Ground rod installation, rebar, wall thickness, and cable rack details are clarified.
E-13	JUNCTION BOX TYPE C	9/2021	0	(NO CHANGE)	7/2025	1	Added clarification to the installation of a ground rod.
E-33	TYPE F LOAD CENTER DETAILS - 2	9/2021	0	(NO CHANGE)	7/2025	1	A terminal block is added prior to the Item C contactor to avoid multiple conductors installed on single terminal contacts.
E-35	TYPE G LOAD CENTER DETAILS - 2	9/2021	0	(NO CHANGE)	7/2025	1	A terminal block is added prior to the Item C contactor to avoid multiple conductors installed on single terminal contacts.
BR-15	PARAPET LIGHTING BLISTER AND TYPE D JUNCTION BOX DETAILS	10/2022	1	(NO CHANGE)	7/2025	2	Damping pad and dimensions are updated to agree with the steel light pole assembly mounting details.

DCA2025DM-04    Design Manual

Summary of Changes to Design Manual:

1. Section 8.3.1.1 (Light Pole Type and Construction) of the Design Manual is revised to include language regarding above grade lighting standards and design requirements.
2. Section 8.3.1.2. (Light Pole Arrangement), Item No 14 is updated to clarify design direction for ground-mounted lighting standards installed within the clear zone and protection for those lighting standards.
3. Section 8.3.3 (Highmast and Floodlighting Systems) of the Design Manual is revised to clarify design direction for Highmast Lighting Standards installed within the clear zone and protection for those lighting standards.
4. Section 8.3.13 (Lighting Standard Bases and Junction Box Foundations) of the Design Manual is revised to add direction that non-standard foundations shall be designed and sized accordingly.