

New Jersey Turnpike Authority

P.O. Box 5042, Woodbridge, NJ 07095



October 31, 2018

Document Change Announcement

2016 Standard Supplementary Specifications

Precast Concrete Construction Barrier

DCA2018SS-08

Subject: Revisions to

Section 801 Traffic Control on Authority Roadways, Subsection 801.03 Methods of Construction

Description of Change:

This language strengthens the requirement that precast concrete construction barrier needs to be reviewed and approved by the Engineer prior to delivery to the job site.

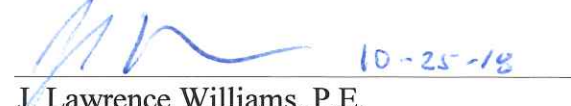
Notice to New Jersey Turnpike Authority Staff and Design Consultants

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.

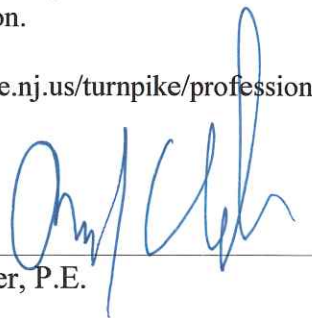
The revisions may be accessed on the Authority's webpage: <http://www.state.nj.us/turnpike/professional-services.html>

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NOTE: All text herein is ADDED to the latest version of the 2016 Standard Supplementary Specifications.

SECTION 801 – TRAFFIC CONTROL ON AUTHORITY ROADWAYS

801.03 Methods of Construction.

(C) Traffic Control Devices

[Include the following in all contracts that include precast concrete construction barrier:]

(2) Precast Concrete Construction Barrier.

Delete this Subparagraph in its entirety and replace it with the following:

Precast concrete construction barrier shall be inspected and approved by the Engineer prior to delivery to the job site. The precast concrete construction barrier shall meet the criteria set forth below. The Engineer shall be the sole judge of the acceptability of the precast concrete barrier. Precast concrete barrier deemed unsatisfactory by the Engineer shall not be used. Precast concrete barrier that is damaged or deteriorates during the course of the project shall be replaced at no additional cost to the Authority.

Where different joint classifications are required within a section of barrier, the controlling joint class shall extend a minimum of one complete barrier length before and after the work area. For example, where A and D are required, Joint Class D shall extend a minimum of one complete barrier length before and after the work area before changing to Joint Class A.

The concrete construction barrier may be installed after the removal of existing surfacing and removed prior to paving, unless otherwise shown on Plans, if site conditions and construction sequence require doing so.

The Contractor shall furnish all hardware, concrete barrier interlock devices, anchors and all else necessary for the complete installation and subsequent removal and/or relocation of the concrete barrier.

The Contractor shall be required to maintain the concrete barrier units in their correct alignment at all times. The Contractor shall promptly furnish (any time of the day or night upon notification from the Authority, State Police or the Engineer) all labor, materials and equipment as necessary to repair, reset and/or realign any portion of concrete barrier units damaged or displaced by traffic incidents or otherwise. All contractor-furnished devices shall remain the property of the Contractor and shall be removed by the contractor upon completion of the work.

All precast concrete construction barrier that does not meet the following criteria, as determined by the Engineer prior to placement on the roadway, shall be rejected for use:

- No more than three cracks in the middle 6 feet of the barrier.
- All cracks must be less than 1/8 inch wide.
- No gouges in the lower half of the face exposed to traffic.
- No reinforcing steel shall be exposed.
- The key way must be intact.
- Lifting devices shall be intact.
- Face exposed to traffic must be clean of all road dirt.
- Reflectors shall be in place.

- Interlock must accept key full depth without projection of key cap above barrier.
- The full key way must be available.

Precast concrete construction barrier that becomes damaged shall be replaced within 24-hours, as directed by the Engineer.

The Contractor shall clean and maintain the drainage slots at the bottom of the concrete construction barrier at all times as directed by the Engineer.