

# New Jersey Turnpike Authority

P.O. Box 5042, Woodbridge, NJ 07095



February 17, 2022

## Document Change Announcement

***2016 Standard Supplementary Specifications  
Manhole Frame and Cover & Inlet Frames and Grates  
DCA2022SS-01***

### **Subject: Revisions to**

Section 503 Manholes and Inlets, Subsection 503.03 Methods of Construction  
Section 909 Structural Steel and Other Ferrous Metals, Subsection 909.04 Castings and Forgings.

### **Description of Change:**

The Authority's Standard Drawings and 2016 Standard Supplementary Specifications reflect updated minimum casting weights and reference a performance-based specification for manhole frames and covers, and inlet frames and grates.

### **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:**

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### **Approved By:**

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*Distribution: Senior Staff Engineering, Law, Maintenance & Operations Depts., All Prequalified Consultant Firms, File*

**NOTE: The following text is ADDED to the latest version of the 2016 Standard Supplementary Specifications.**

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## **SECTION 502 – STORM DRAINS**

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### **502.05 Payment**

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Add the following after the end of the second paragraph:

Unless otherwise provided for, the placement of dense graded aggregate, Embankment Grade A, and asphalt materials required for restoration will not be paid for separately.

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## **SECTION 503 – MANHOLES AND INLETS**

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### **503.03 Methods of Construction.**

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#### **(G) Frames, Grates and Covers**

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Delete the sixth paragraph and replace it with the following:

An extension frame shall be used to reset Type G1 frame and grate.

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## **SECTION 909 – STRUCTURAL STEEL AND OTHER FERROUS METALS**

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### **909.04 Castings and Forgings.**

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#### **(C) Iron, Malleable and Ductile Castings.**

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Add the following to the end of the first paragraph:

All castings, grates, extension rings, extension frames, and covers for inlets and manholes shall be capable of withstanding HS-25 loading when tested as a complete, assembled unit and conform to the following:

Delete the entire second Paragraph and replace it with the following:

Gray iron castings shall conform to AASHTO M306, except that the manufacturer may use gray cast iron conforming to AASHTO M105, Class 30B or Class 35B. Proof loading or test bar testing shall be performed according to AASHTO M306 in the supplier's yard at a frequency directed by the Engineer.

Delete the entire the third paragraph and replace it with the following:

Ductile iron castings shall conform to the requirements of ASTM A536, Grade 65-45-12 or Grade 80-55-06.