

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



*Baseline Document Change Announcement*

**Steel Slag**

**BDC10S-03**

**March 17, 2010**

**SUBJECT:       Revision to Subsection 901.11 of the 2007 Standard Specifications**

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Subsection 901.11 has been revised to allow up to 30% Steel Slag, by weight, to be added to Soil Aggregate I-14 to meet the grading requirement. The use of Steel Slag will help supplement the lack of sufficient coarse aggregate within the New Jersey coastal plain and reduce its inclusion in landfills.

The following revision has been incorporated in Standard Input, SI2007 as of March 17, 2010.

**901.11 SOIL AGGREGATE**

**1.   Composition of Soil Aggregate.**

THE FOLLOWING IS ADDED TO THE LAST PARAGRAPH:

For Designation I-14, the Contractor may use up to 30 percent steel slag by weight of the coarse aggregate portion of the soil aggregate. Obtain steel slag from a source listed on the QPL as specified in 901.01. Use steel slag that was produced as a co-product of the steel making process. Ensure that the steel slag consists of tough, durable pieces that are uniform in density and quality. Stockpile steel slag as specified in 901.02. Ensure steel slag for blending with I-14 Soil Aggregate does not exceed 0.50 percent expansion from hydration when tested according to ASTM D 4792.

**Implementation Code   R (ROUTINE)**

Changes must be implemented in all applicable Department projects scheduled for Final Design Submission at least one month after the date of the BDC announcement. This will allow designers to make necessary plan, specifications, and estimate/proposal changes without requiring the need for an addenda or postponement of advertisement or receipt of bids.

**Recommended By:**

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Walter McGrosky  
Director,  
Capital Program Support

**Approved By:**

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Richard T. Hammer  
Assistant Commissioner,  
Capital Program Management