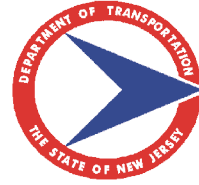


New Jersey Department of Transportation

1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600

Baseline Document Change Announcement



Bridge Approach Slabs

BDC06S-09

December 07, 2006

SUBJECT: **Revision to Subsections 405.22, 405.24, 405.25, 501.12, and 501.26 of the 2001 Standard Specifications regarding Bridge Approach Slabs**

REFERENCE: ***Addition of Bridge Construction Detail sheets, BCD-10 and BCD-11 for bridge approach slab.
BDC06D-01, dated December 08, 2006***

Subsections 405.22, 405.24, 405.25, 501.12, and 501.26 of the 2001 Standard Specifications have been revised to relocate the specifications for the Bridge approach slab from Div. 400 to Div 500 (Bridges and Structures). Corresponding Construction Details have also been revised and are being issued under a separate BDC announcement. The revised design of Bridge approach slab is expected to provide a longer service life.

This BDC announcement must be read in conjunction with the referenced BDC announcement; BDC06D-01, dated December 08, 2006.

The revisions have been incorporated into the Standard Inputs via SI2001E1 and SI2001M1 dated December 07, 2006

The following revisions are incorporated in the English unit *Standard Input SI2001E1*:

SECTION 405 – CONCRETE SURFACE COURSE

405.22 Bridge Approach and Transition Slabs.
THE ENTIRE SUBSECTION TEXT IS DELETED

405.24 Method of Measurement.
THE FIRST PARAGRAPH IS CHANGED TO:

Concrete surface courses, with or without reinforcement, of the various thicknesses, will not be measured and payment will be made for the quantity in the Proposal adjusted for Change Orders except as provided for in Subsection 109.01.

THE SEVENTH PARAGRAPH IS DELETED

405.25 Basis of Payment.

THE THIRD, FOURTH AND ELEVENTH PAY ITEMS ARE DELETED

SECTION 501 – CONCRETE STRUCTURES

501.12 Placing Concrete.

THE FOLLOWING SUBPART IS ADDED:

21. Concrete Bridge Approach Slabs.

Provide and install Subbase material as specified in Section 208. At least 1 day before placing concrete, set forms as specified in 501.07 and place reinforcement steel as specified in 501.08 for the area that is to be paved. Forms shall be set at grade and in full contact with the under laying surface. Install dowel bars, as detailed on the Plans, through the forms and secure in place. Ensure that concrete does not seep through the dowel bar locations.

Check the alignment and grade elevations of the forms and make corrections before placing the concrete. Ensure that the forms do not deviate from the required alignment by more than ¼ inch. Reset, or remove and replace, forms that settle or deflect under the spreading and finishing equipment. Clean the top and face of forms and oil the face before placing the concrete.

Comply with the requirements of placing deck slab concrete that are specified in 501.12. Subpart 5. Apply the surface texturing as specified in 501.15. Cure the concrete as specified in 501.17. Saw cut groove the surface as specified in 501.15.

Adhere to the loading and vehicular traffic restrictions as specified in 501.24.

501.26 Basis of Payment.

THE FOLLOWING PAY ITEMS ARE ADDED:

<i>Pay Item</i>	<i>Pay Unit</i>
CONCRETE BRIDGE APPROACH SLAB	CUBIC YARDS
SAW CUT GROOVED SURFACE, APPROACH SLAB	SQUARE FOOT

THE FOLLOWING IS ADDED:

As detailed on the plans, the cost for providing the subbase outlet drain shall be included in the price bid for the Approach Slab item. Cost for providing the subbase material shall be according to Section 208. The Contractor may construct the approach slabs with the use of High Performance Concrete (HPC). No additional payment will be made for the use of HPC.

The following revisions are incorporated in the Metric unit *Standard Input SI2001M1*:

SECTION 405 – CONCRETE SURFACE COURSE

405.22 Bridge Approach and Transition Slabs.

THE ENTIRE SUBSECTION TEXT IS DELETED

405.24 Method of Measurement.

THE FIRST PARAGRAPH IS CHANGED TO:

Concrete surface courses, with or without reinforcement, of the various thicknesses, will not be measured and payment will be made for the quantity in the Proposal adjusted for Change Orders except as provided for in Subsection 109.01.

THE SEVENTH PARAGRAPH IS DELETED

405.25 Basis of Payment.

THE THIRD, FOURTH AND ELEVENTH PAY ITEMS ARE DELETED

SECTION 501 – CONCRETE STRUCTURES

501.12 Placing Concrete.

THE FOLLOWING SUBPART IS ADDED:

21. Concrete Bridge Approach Slabs.

Provide and install Subbase material as specified in Section 208. At least 1 day before placing concrete, set forms as specified in 501.07 and place reinforcement steel as specified in 501.08 for the area that is to be paved. Forms shall be set at grade and in full contact with the under laying surface. Install dowel bars, as detailed on the Plans, through the forms and secure in place. Ensure that concrete does not seep through the dowel bar locations.

Check the alignment and grade elevations of the forms and make corrections before placing the concrete. Ensure that the forms do not deviate from the required alignment by more than 6 millimeters. Reset, or remove and replace, forms that settle or deflect under the spreading and finishing equipment. Clean the top and face of forms and oil the face before placing the concrete.

Comply with the requirements of placing deck slab concrete that are specified in 501.12. Subpart 5. Apply the surface texturing as specified in 501.15. Cure the concrete as specified in 501.17. Saw cut groove the surface as specified in 501.15.

Adhere to the loading and vehicular traffic restrictions as specified in 501.24.

501.26 Basis of Payment.

THE FOLLOWING PAY ITEMS ARE ADDED:

<i>Pay Item</i>	<i>Pay Unit</i>
CONCRETE BRIDGE APPROACH SLAB	CUBIC METER
SAW CUT GROOVED SURFACE, APPROACH SLAB	SQUARE METER

THE FOLLOWING IS ADDED:

As detailed on the plans, the cost for providing the subbase outlet drain shall be included in the price bid for the Approach Slab item. Cost for providing the subbase material shall be according to Section 208. The Contractor may

construct the approach slabs with the use of High Performance Concrete (HPC). No additional payment will be made for the use of HPC.

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:

ORIGINAL SIGNED

Lynn D. Rich
Director,
Quality Management Services

Approved By:

ORIGINAL SIGNED

Richard T. Hammer
Assistant Commissioner,
Capital Program Management