



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0016

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID A. COLE  
COMMISSIONER

June 29, 2010  
Subject: **Bangor & Brewer**  
Federal Project No: IM-1709(900)E &  
IM-1710(000)E  
State Pin No: 017099.00 & 017100.00  
**Amendment No. 3**

Dear Sir/Ms:

Make the following changes to the bid documents:

In the Bid Book (after page 82), **REMOVE** "SPECIAL PROVISION, SECTION 502, STRUCTURAL CONCRETE, (Post-Tensioning Cast-In-Place Concrete)", 1 page dated June 28, 2010 (added in amendment #2) and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 502, STRUCTURAL CONCRETE, (Post-Tensioning Cast-In-Place Concrete)", 1 page dated June 29, 2010

In the Plans, SHEET NUMBER 20 OF 28, "PREFABRICATED CONCRETE MODULAR GRAVITY WALL NOTES", **CHANGE** Note 3 to read as follows:

"The factored bearing pressure for PCMG Walls shall not exceed the factored bearing resistance of 5.3 ksf for the strength limit state. The factored bearing pressure for the service limit state shall not exceed the factored bearing resistance of 6.0 ksf."

Make this change in pen and ink.

Consider this change and information prior to submitting your bid on June 30, 2010.

Sincerely,

  
For Scott Bickford  
Contracts & Specifications Engineer



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**SPECIAL PROVISION**  
**SECTION 502**  
**STRUCTURAL CONCRETE**  
(Post-Tensioning Cast-In-Place Concrete)

Description. This work consists of all labor, equipment and materials needed to complete the post-tensioning of the North Wingwall of Veterans Remembrance Bridge Abutment #1 as shown on the Plans and accepted by the Resident. Except as otherwise specified in this Special Provision, all work shall be in conformity with the applicable provisions of Supplemental Specifications Section 502 - Structural Concrete.

**MATERIALS**

Concrete. Concrete shall be Class A.

Reinforcing Steel. Reinforcing steel shall be plain, Grade 60 and conform to Section 503 - Reinforcing Steel.

Post-tensioning Bar. The post-tensioning precast abutments and piers shall be post-tensioned with galvanized bars conforming to ASTM A722, Type II. Ducts for post-tensioning bars shall be galvanized, metal duct suitable for the intended purpose.

End Anchorage Chuck. The Chuck and other components of the end anchorage shall meet the plate anchorage detail as manufactured by Dywidag-Systems International or approved equal.

Duct. Grout tubes shall be installed at each duct at both ends. Ducts shall be galvanized corrugated metal ducts and in conformity to materials specified by Dywidag-Systems International or approved equal.

Grout. Grout for post-tensioning ducts shall be either **Five Star Special Grout 400** or **Masterflow 1205**. Alternate high strength specially graded pumpable cable grouts will be considered for approved by the engineer upon request.

**CONSTRUCTION**

The compressive concrete strength of the substructure must reach a minimum of 3500 psi before post-tensioning.

Basis of Payment. The Post-Tensioning Cast-In-Place Concrete as shown on the Plans and specified herein shall be considered incidental to Pay Item No. 502.219 Structural Concrete, Abutments and Retaining Walls.