



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

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID A. COLE  
COMMISSIONER

January 12, 2010  
Subject: **Falmouth**  
Federal Project No: BR-1509(400)X  
State Pin No. 015094.00  
**Amendment No. 8**

Dear Sir/Ms:

The following question has been received:

**Question:** Can 4' wide precast panels be used in place of the 8' wide panels?

**Response:** Four foot (4 ft) wide precast pretensioned wall panels may be substituted for the eight foot (8 ft) wide panels given the integrity of the unit strip design detailing is maintained (ie. same unit pretensioning stress per foot and same nominal dowel bar spacing (1 ft c-c) is maintained). Precast panel wall detailing will need to be modified to provide a minimum of three (3) coil rod connections per 4 ft wide panel. Three (3) shear stud anchors shall be provided at each coil rod anchor location to the connection angle as shown in the "Connection Angle Detail" on Precast Panel Wall Details Sheet 108. 2 ft anchorage location spacing shown on the Connection Angle Detail shall be modified to match the proposed spacing of the coil rod inserts within the 4 ft panel. A minimum of four (4) lifting devices must be maintained for each panel as detailed on the design drawings. The Contractor will be responsible for all precast panel and associated hardware detailing modifications. All detailing modifications shall be submitted to and approved by the Engineer. These detailing modifications may include revisions to the special detailing of the coil rod and connection angle anchorage at the acute corners where the panel walls interface with the abutments (see "Panel 2-1 Connection Details" on Precast Panel Wall Details Sheet 107). Any modified detailing of the panels in this area shall be developed to ensure the stability of the panels in this area under the final loading condition and shall accommodate anticipated forces and displacements during construction.

The Contractor shall be responsible for providing any increased quantity of incidentals (including but not limited to additional coil bar inserts, coil bar rods, coil bar nuts, connection angle shear studs, dowel bars and mechanical splicers, separation geotextile, compressible joint filler, and other incidentals) necessary for the construction of the wall. No additional payment will be made for any additional materials needed to construct the finished wall in-place using 4 ft wide panels as an alternative to the 8 ft wide panels as shown on the Contract Documents.

Consider this information prior to submitting your bid on **January 13, 2010**.

Sincerely,

FOR

Scott Bickford  
Contracts & Specifications Engineer



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