



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

December 28, 2017
Subject: Centre Street Connection
Bridge Replacement & Sidewalk
Construction
State WINs: 018725.00 & 018725.10
Location: **Bath**
Amendment No. 2

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

On (page 72), "SPECIAL PROVISION, SECTION 502, Ultra High Performance Concrete" under "502.18 Method of Measurement", **CHANGE** the referenced item number from 534.63 to "**534.7609**".

ADD the attached SPECIAL PROVISION - SECTION 502 - STRUCTURAL CONCRETE - (Early Strength Concrete), 1 page, dated December 21, 2017.

The following question has been received:

Question: Two details on sheet 44 refer to "Rapid Set Grout" over existing girders. Is there another product involved or should these say "UHPC" as the other details do?

Response: The Contractor is allowed the option to use either UHPC or Early Strength Concrete (Rapid Set) for longitudinal panel joints and deck end placements. These locations are shown on sheet 44 under the details titled "Longitudinal Joint Detail" and "Stud Spacing At Closure Placement", and on sheet 45. The compressive strength (f_c) of an early strength concrete mixture shall be 6,000 psi at a minimum. Please see Special Provision 502 – Early Strength Concrete for further clarification if early strength concrete is the chosen option.

Consider these changes and information prior to submitting your bid on **January 3, 2018**.

Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer



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SPECIAL PROVISION
SECTION 502
STRUCTURAL CONCRETE
(Early Strength Concrete)

502.10 Description This section is amended to include:

This work shall consist of placement of high early strength structural concrete in longitudinal panel joints and deck end placements as indicated on the plans and in accordance with the specifications.

502.03 Materials This section has been amended to include:

All structural concrete placed in longitudinal panel joints and deck end placements shall be class A, as per Section 502.

Acceptable methods for rapid strength gain shall include, but are not limited to: additional cementitious material, non-chloride chemical accelerators, Type III Portland Cement, and heated mix water and aggregates.

The use of rapid setting cement may be substituted for normal Portland Cement and must achieve strength gains which enable accelerated construction schedules. Rapid set cement products proposed for use must have a history of long term durability and be used in strict accordance with the manufacturer's recommendations.

502.18 Method of Measurement This section has been amended to include:

Early strength concrete, including required materials, submittals, formwork, and all labor and incidentals necessary to complete the work, shall not be measured separately for payment, but shall be incidental to pay item 534.7609, Full Depth Precast Concrete Deck Panels.