



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

JOHN ELIAS BALDACCI
 GOVERNOR

DAVID A. COLE
 COMMISSIONER

December 30, 2010
 Subject: **Newport**
 State Pin No: 015625.00
Amendment No. 2

Dear Sir/Ms:

Make the following changes to the bid Documents:

In the Bid Book, (pages 100 thru 101) **REMOVE** "SPECIAL PROVISION, SECTION 525, GRANITE MASONRY, (Stone Masonry Wall - Remove and Reset ", 2 pages dated November 29, 2010 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 525, GRANITE MASONRY, (Stone Masonry Wall - Remove and Reset", 2 paged dated December 15, 2010.

In the Bid Book, after page 103, **ADD** the attached "SPECIAL PROVISION, SECTION 606, GUARDRAIL, (Bridge Mounted Guardrail), (Anchor Bolt Installation), 1 page dated December 22, 2010.

The following question has been received:

Question: The extra ped. post needed on the bridge; do they have to be the sand blasted & particle magnetic method? How are these to be anchored in the existing concrete, drilled and grouted or something else?

Response: The single extra bridge mounted post on the North Street Bridge shown on sheet 21 shall be anchored to the existing curb by drilling and anchoring using four 3/4 inch diameter ASTM A449 or ASTM A 1554, Grade 55 anchor bolts. The anchor bolts shall be installed in accordance with the attached SPECIAL PROVISION, SECTION 606 GUARDRAIL (Bridge Mounted Guardrail - Anchor bolt Installation) 1 page dated December 22, 2010. The fabrication of the bridge mounted guardrail post shall be in general accordance with section 504 of the standard specifications.

Consider this change and information prior to submitting your bid on January 12, 2011

Sincerely,

Scott Bickford
 Contracts & Specifications Engineer



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SPECIAL PROVISION

SECTION 525

GRANITE MASONRY

(Stone Masonry Wall – Remove and Reset)

525.01 Description

This work consists of removing, storing and reinstalling the existing war monument located at station 6+94 (+/-) left in accordance with the plans, these specifications, the standard specifications or as directed by the Resident. The work includes drilling and anchoring the monument to the new footing.

The existing war monument (hereinafter referred to as “the monument”) consists of the portion of the monument above grade and its supporting foundation below grade.

525.02 Materials

Anchoring material shall be selected from the MaineDOT Qualified Products List of Cementitious Anchoring Materials.

525.03 Construction Requirements

Prior to commencement of work, a removal and installation plan of the monument shall be submitted by the Contractor and approved by the Resident. Installation shall also be in conformance with the plans. The removal and installation plan shall be stamped by a Professional Engineer licensed in Maine.

The Department will review the plan for completeness. No review or comment by the Department, or any failure to review or comment, shall operate to absolve the Contractor of its responsibility to design and implement the plan in accordance with the Contract, or to shift any responsibility to the Department. Nothing in this Section shall negate the contractor’s obligations set forth in Section 110- Indemnification, Bonding, and Insurance.

A minimum of 21 calendar days before the bridge is closed to traffic, the contractor must submit two copies of the removal and installation plan to the resident.

Within 14 days of receipt, the Department will determine if the plan is in accordance with the Contract requirements and (1) notify the Contractor that the plan is approved or (2) return it for any needed revision. If returned for revision,

the Contractor must resubmit two copies of its revised plan as provided above within 7 days and the Department will have 7 days from receipt of the revised plan to notify the Contractor when it is approved or again require revision. Additional iterations will occur in a like manner until the Department approves the Contractor's plan. The Contractor must have the plan approved before starting removal.

Any damage to the monument as part of this work, including during removal, transportation, and installation, shall be repaired and paid for at the Contractor expense as approved by the Resident.

525.04 Method of Measurement

Stone Masonry Wall – Remove and Reset will be measured as one lump sum unit, complete, in place and accepted.

525.05 Basis of Payment

Stone Masonry Wall – Remove and Reset will be paid for at the Contract lump sum price, complete in place. Payment shall be full compensation for furnishing all labor, equipment, materials, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
525.33 Stone Masonry Wall – Remove and Reset	Lump Sum

SPECIAL PROVISION
SECTION 606
GUARDRAIL
(Bridge Mounted Guardrail)
(Anchor Bolt Installation)

The following paragraphs are added to subsection 606.03 of the standard specification:

Anchor bolts for the posts for the bridge mounted guardrail shall be drilled and anchored into the existing concrete curb(s) by a method approved by the Resident.

Each bolt shall be capable of developing a minimum unconfined pull out strength in 3000 psi concrete of 28 kips (14 tons) for the $\frac{3}{4}$ in diameter bolts. The anchoring material shall be one of the products listed on the Maine Department of Transportation's list of Prequalified Anchoring Materials. The minimum embedment below the bottom of the curb top reinforcing shall be 8 in for the $\frac{3}{4}$ in diameter bolt. Installation shall be in conformance with the Manufacturer's recommendations. The Department reserves the right to perform in-place proof load testing. Anchor bolts failing the proof loading shall be re-anchored at the Contractor's expense in a manner approved by the Resident. In the completed installation, the anchoring material shall completely fill the annular spaces between the anchor bolts and the concrete. The anchoring material shall be struck off flush with the top of the concrete.

At each post location, transverse reinforcing in the existing curbs will be located, by the Resident, using an appropriate device to avoid drilling through transverse bars. Location adjustments, if necessary, will be made by the Resident.

Post bearing areas shall be dressed smooth and true to grade. Preformed pads shall be used in adjusting the rail posts for height and alignment. The number of pads to be supplied shall be 10 percent in excess of the theoretical minimum number required. After erection of the railing, the Contractor shall clean the whole assembly, to present a neat and uniform appearance.