



Paul R. LePage
GOVERNOR

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

David Bernhardt
COMMISSIONER

March 16, 2012
Subject: **Rockwood - Shirley**
Federal Project No's: AC-STP-1916(100)X
& AC-STP-1916(2000)X & AC-STP-
1922(000)X
State PIN's: 019161.00, 019162.00 &
019220.00
Amendment No. 2

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book, after page 82, **ADD** the attached "SPECIAL PROVISION, SECTION 308, (Full Depth Reclamation Pavement with Cement), Mix Design" 2 pages dated March 16, 2012.

In the Bid Book, after page 89, **ADD** the attached "SPECIAL PROVISION, SECTION 309, FULL DEPTH RECYCLED ASPHALT PAVEMENT, (with foamed asphalt), Mix Design" 1 page dated March 16, 2012.

The following question has been received:

Question: Need the job mix design on Items 309.36 and Item 308.36. We need the mix design before we bid so that we can get our cost.

Response: Please see the attached Special Provisions.

Consider this change and information prior to submitting your bid on March 28, 2012.

Sincerely,

George Macdougall
Acting Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SPECIAL PROVISION

SECTION 308

(Full Depth Reclamation Pavement with Cement)

Mix Design

The JMF targets represented in this Special Provision are intended to provide a basis for bidding purposes only. The Department will develop a job mix formula for the recycled pavement during the construction of the project.

The Recycled Pavement on this project will be treated with the following material proportions:

Water	3.0 – 6.0 %
Portland Cement	3.0 %

The optimum moisture content for compaction shall be determined by the Department using samples obtained from the recycled stockpiled material by means of AASHTO T 180, Method D.

A contract modification will be executed for cement content if percentages change from the requirements above by more than 0.25 %. Positive and negative price adjustments will be made. The price adjustment will be based upon receipted bills for materials delivered to the project site. If a price adjustment is warranted, the contractor will supply the Department with all the receipted bills for emulsion for the entire project. Adjustments in water content exceeding the initial targets shall not be paid for directly, but shall be incidental.

SPECIAL PROVISION

SECTION 308

(Full Depth Reclamation Pavement with Cement)

Mix Design

The Contractor shall have the option of performing this operation in place or mixing the pavement to the required JMF and placing same on site with a paver.

SPECIAL PROVISION
SECTION 309
FULL DEPTH RECYCLED ASPHALT PAVEMENT
(with foamed asphalt)

Mix Design

The Full Depth Recycled Pavement on this project will be treated with the following material proportions:

PG 58-28 asphalt binder	3.25%
Water needed to ensure proper foaming	3.00 %
Portland cement (Type I or II)	1.00 %

The Contractor shall make available to the Department, for mix design purposes, a representative sample of the pulverized material taken after the initial reclamation process from the roadway section being treated. The Contractor shall deliver the material samples to the Central Laboratory in Bangor. The Contractors schedule shall allow a minimum of three working days for the mix design process. The Department will provide the Project with the recommended percentages of each required additive.

The optimum moisture content for compaction shall be determined by the Department using samples obtained from the pulverized material prior to addition of the foamed asphalt, by means of AASHTO T 180, Method D.

A contract modification will be executed if percentages change from the requirements above for added asphalt, Portland cement or lime changes by more than 0.10%. Positive and negative price adjustments will be made. The price adjustment will be based upon receipted bills for materials delivered the project site. If a price adjustment is warranted, the contractor will supply the Department with all receipted bills for PG asphalt binder, Portland cement or lime for the entire project. Adjustments in water content exceeding the initial targets shall not be paid for directly, but shall be incidental.