July 23, 2008
Subject: Pittsfield
Federal Project No. BR-1562(600)X
State Pin No. 015626.00
Amendment No. 1

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 8 & 12), REMOVE the first page of each “CONTRACT AGREEMENT, OFFER & AWARD” and REPLACE with the attached, new first page of the “CONTRACT AGREEMENT, OFFER & AWARD” with a new completion date of June 1, 2009.

In the Bid Book (page 38), REMOVE “SPECIAL PROVISION, SECTION 107, PROSECUTION AND PROGRESS, (Contract Time)” and REPLACE with the attached, new “SPECIAL PROVISION, SECTION 107, PROSECUTION AND PROGRESS, (Contract Time)”, 1 page dated July 22, 2008.

In the Plans, REMOVE the TITLE SHEET (Sheet 1 of 16) and REPLACE with the attached, new TITLE SHEET.

The following questions have been received:

Question: Special Provision 107 completion date is December 1, 2008. The wearing surface cannot be placed after October 18. Can the contract be amended to allow for final pavement after October 18 or in Spring of 2009?

Response: The contract completion date has been changed. Please see bid amendment #1.

Question: Can I get a copy of the existing bridge plans?

Response: We will hand out existing plans to you at the informational meeting at the University of Maine.
Question: How long will the University take to fabricate the FRP tubes and Headwalls after they receive the material from the Contractor?

Response: The University will be supplying and manufacturing the carbon fiber arch tubes. Carbon Fiber Tubes will be ready to be picked up at the University of Maine by September 16th, 2008. The sheathing as indicated in Special Provision 509.60 will be supplied by the Contractor. The FRP sheathing is the skin or covering for the arch tubes. The FRP headwall materials will be supplied by the contractor as indicated in Special Provision 890. Payment for the headwalls will be by Force Account.

Consider these changes and information prior to submitting your bid on July 30, 2008.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer
CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Child Street, Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

________________     ____________
a corporation or other legal entity organized under the laws of the State of __________, with its principal place of business located at _______________________________

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the “Contract”), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN 015626.00, for the Neal Bridge Replacement in the town of Pittsfield, County of Somerset, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before June 1, 2009. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002 and related Special Provisions.
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SPECIAL PROVISION
SECTION 107
PROSECUTION AND PROGRESS
(Contract Time)

The specified contract completion date is June 1, 2009.
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SPECIFICATIONS

SCOPE OF WORK
Construction of Carbon FRP Tube Arch, partial demolition of existing structure, approach work, and incidental items.

DESIGN LOADING
Live Load........................................... HS-25

TRAFFIC DATA
Current (2007) AADT........................................... 2940
Future (2027) AADT........................................... 2860

Design Hour Volume........................................... 10

Directional Distribution (DHD)........................................... 6

Design truck Loading........................................... 14 lbf Equivalent P-26.0

Design Speed (mph)........................................... 50

HYDROLOGIC DATA
Drainage Area........................................... 3.56 sq mi
Discharge (Q1.0)........................................... 79.20 cfs
Design Discharge (Q50)........................................... 562.9 cfs
Check Discharge (Q95)........................................... 410.7 cfs
Headwater Elevation (Q1.0)........................................... 174.80 ft
Headwater Elevation (Q50)........................................... 178.65 ft
Headwater Elevation (Q95)........................................... 179.15 ft
Discharge Velocity (Q1.0)........................................... 4.99 fps
Discharge Velocity (Q50)........................................... 8.01 fps
Discharge Velocity (Q95)........................................... 8.84 fps

MATERIALS
Steel........................................... Class "A"
Concrete (Unless noted otherwise)........................................... Class "A"
Reinforcing Steel........................................... ASTM A615/A615M, Grade 60

BASIC DESIGN STRESSES
Concrete Class "A"........................................... f'c = 4,350 psi
Concrete Class "B"........................................... f'c = 3,900 psi
Carbon Fiber Tube Fill........................................... f'c = 6,000 psi
Reinforcing Steel........................................... f = 60,000 psi

UTILITIES
Central Maine Power Company
Fairpoint Communications
Mid-Maine Telephone
Time Warner Cable

MAINTENANCE OF TRAFFIC
Close road during construction and detour traffic.

PITTSFIELD
SOMERSET COUNTY
NEAL BRIDGE

OVER
NEAL BROOK

 ROUTES 11 & 100

PROJECT No. BR 1562(600)X
PROJECT LENGTH 0.030 mi.
BRIDGE REPLACEMENT
BRIDGE NO. 2600

LIST OF DRAWINGS
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