



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

October 15, 2010
Subject: **Auburn**
Federal Project No: STP-1663(740)X
State Pin No: 016637.40
Amendment No. 1

Dear Sir/Ms:

Make the following changes to the bid Documents:

In the Bid Book (pages 4 thru 8), **REMOVE** the "SCHEDULE OF ITEMS" 5 pages dated 101013 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 5 pages dated 101015.

In the Bid Book (page 67), **REMOVE** "SPECIAL PROVISION, SECTION 105, LIMITATIONS OF OPERATIONS", 1 pages dated October 13, 2010 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 105, LIMITATIONS OF OPERATIONS ", 1 page dated October 15, 2010.

In the Bid Book (page 73), **REMOVE** "SPECIAL PROVISION, SECTION 107, TIME", 1 page dated September 30, 2010 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 107, TIME", 1 page dated October 14, 2010.

In the Bid Book, after page 98, **ADD** the attached "Supplemental Specification, DIVISION 400, PAVEMENTS" 1 page dated October 15, 2010.

In the Bid Book (page 99), **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 1 page dated October 1, 2010 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 1 page dated October 15, 2010

In the Bid Book, after page 118, **ADD** the attached "SPECIAL PROVISION, SECTION 832, CONTRACTOR ALLOWANCE", 1 page dated October 15, 2010.

In the Plans, SHEET NUMBER 3 OF 41, GENERAL NOTES, **DELETE** in its entirety note #3 and **REPLACE** with the following in pen and ink;
"3. Loam shall be placed to a nominal depth of 4 inches in lawn areas and 2 inches in all other areas unless otherwise noted or directed."



PRINTED ON RECYCLED PAPER

In the Plans, SHEET NUMBER 3 OF 41, GENERAL NOTES, **ADD** the following note; **“23. Available excavation from the project shall be first used in areas requiring fill on the project. Any remaining material will be stockpiled and used for fill and grading around the foundation of the new house location at a later time. Stockpiling will be considered incidental to excavation items. Future placement of material will be paid for under equipment rental items.”** Make this change in pen and ink

In the Plans, SHEET NUMBERS 31, 32, 34 and 35, **CHANGE** the last sentence of note # 5. from “This work will be considered incidental to the Contract.” to read **“This work will be paid under the appropriate equipment rental items or force account.”**. Make this change in pen and ink.

The following questions have been received:

Question: Pile removal Special Provision referred to on the plans is not included. Will it be?

Response: See attached Special Provision

Question: Does the continuous work Special Provision only apply until the slope is complete and the road is open to traffic?

Response: See attached revised Special Provision 107

Question: Are there night work restrictions or hauling restrictions?

Response: a. No restrictions on the site
b. No restriction on state roads
c. Contractor must work with the appropriate municipality for any local roads they plan to use

Question: Will the Nov 15th paving cutoff and temperature requirements be modified?

Response: See revision 403 Special Provision

Question: If 2010 HMA is temporary pavement, how will it be paid for?

Response: It is the Department’s intent to have HMA placed in 2010 remains as permanent pavement. If it is eventually determined to be temporary pavement, the temporary pavement will be paid at the HMA base price. Pavement removal will not be paid for, but the millings will be the property of the Contractor.

Question: Can you describe what is required with the Security Allowance?

Response: Security Allowance work to be removed from this contract. Please see revised Schedule of Items

Question: How will the Department pay for removal of material in slide area?

Response: All to be by equipment rental. See revised plan note.

Question: Will LDs be charged if house not moved by 12/1?

Response: See revised Special Provision 105 – Limitations of Operations

Question: Is the proposed road location stable?

Response: Yes. See revised Special Provision 107 for completion requirements on the slope stabilization area.

Question: Is DBE required?

Response: Completion of the DBE utilization form will be required.

Question: Are design plans available?

Response: Design files have been posted to the webpage.

Consider these changes and information prior to submitting your bid on October 21, 2010.

Sincerely,



Scott Bickford
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016637.40

PROJECT(S): STP-1663(740)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	201.23 REMOVING SINGLE TREE TOP ONLY	4.000 EA				
0020	201.24 REMOVING STUMP	4.000 EA				
0030	203.20 COMMON EXCAVATION	42000.000 CY				
0040	203.21 ROCK EXCAVATION	25.000 CY				
0050	203.24 COMMON BORROW	50.000 CY				
0060	203.25 GRANULAR BORROW	50.000 CY				
0070	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	25.000 CY				
0080	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	25.000 CY				
0090	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	8700.000 CY				
0100	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	1200.000 T				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016637.40

PROJECT(S): STP-1663(740)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	75.000 T				
0120	403.213 HOT MIX ASPHALT 12.5 MM BASE	1200.000 T				
0130	409.15 BITUMINOUS TACK COAT - APPLIED	550.000 G				
0140	603.16 15 INCH CULVERT PIPE OPTION I	81.000 LF				
0150	603.199 24 INCH CULVERT PIPE OPTION III	112.000 LF				
0160	604.092 CATCH BASIN TYPE B1-C	2.000 EA				
0170	605.09 6 INCH UNDERDRAIN TYPE B	397.000 LF				
0180	605.10 6 INCH UNDERDRAIN OUTLET	17.000 LF				
0190	605.11 12 INCH UNDERDRAIN TYPE C	144.000 LF				
0200	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	1100.000 LF				
0210	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	12.000 EA				

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	606.65 GUARDRAIL THRIE BEAM - SINGLE RAIL	137.500 LF				
0230	606.70 TRANSITION SECTION THRIE BEAM	2.000 EA				
0240	606.79 GUARDRAIL 350 FLARED TERMINAL	6.000 EA				
0250	609.31 CURB TYPE 3	519.000 LF				
0260	610.08 PLAIN RIPRAP	6800.000 CY				
0270	613.319 EROSION CONTROL BLANKET	3250.000 SY				
0280	615.07 LOAM	1021.000 CY				
0290	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	27.000 UN				
0300	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	104.000 UN				
0310	619.1201 MULCH - PLAN QUANTITY	102.000 UN				
0320	620.58 EROSION CONTROL GEOTEXTILE	9800.000 SY				

SCHEDULE OF ITEMS

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	620.65 REINFORCEMENT GEOGRID	3800.000 SY				
0340	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	9000.000 LF				
0350	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0360	629.05 HAND LABOR, STRAIGHT TIME	50.000 HR				
0370	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	50.000 HR				
0380	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	50.000 HR				
0390	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR				
0400	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	10.000 HR				
0410	631.22 FRONT END LOADER (INCLUDING OPERATOR)	50.000 HR				
0420	639.18 FIELD OFFICE TYPE A	1.000 EA				
0430	652.38 FLAGGER	2050.000 HR				

SCHEDULE OF ITEMS

REVISED:

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	652.39 WORK ZONE TRAFFIC CONTROL	LUMP	LUMP			
0450	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0460	659.10 MOBILIZATION	LUMP	LUMP			
0470	832.071 CONTRACTOR ALLOWANCE REMOVAL OF SHEET PILES	\$25,000.00	\$25,000.00		\$25,000.00	
	SECTION 0001 TOTAL					
	TOTAL BID					

October 15, 2010

16637.40

Auburn

SPECIAL PROVISION
SECTION 105
(LIMITATIONS OF OPERATIONS)

By Contract Award, the Department will have acquired all necessary property rights to complete this project with the following exception:

Approximately Sta. 10+00 to Sta. 12+00 will be available on or before 12/1/10.

If the property is not available on 12/1/10, it is the Department's intent to partner with the Contractor to meet the 12/23/10 opening date. If making this date is not possible, the 12/23/10 date will be extended to an agreed date.

Special Provision
Section 107
TIME
**(Contract Time &
Supplemental Liquidated Damages)**

- 1) **The Contractor will be allowed to commence work on this contract the Week of October 25th pending the “intent to award” letter on the 21st and contract bonds are received no later then October 22nd.**
- 2) **The completion date for this project is June 10, 2011.**
- 3) **The Contractor will work 7 days a week including holidays until the roadway is open to two-way traffic and the slope stabilization is complete. The Contractor will have the option of working Thanksgiving.**
- 4) **Until the roadway is open to two-way traffic and the slope stabilization is complete, for every calendar day not worked once operations commence, the Contractor will be charged Supplemental Liquidated Damages per calendar day at the rate stated in Section 107.7.2 of the Standard Specifications (excluding days lost to inclement weather).**
- 5) **The Contractor will have the roadway open to two-way traffic and the slope stabilization complete by December 23rd. Supplemental Liquidated Damages at the rate of Ten Thousand Dollars (\$10,000.00) per calendar day will begin December 24th and continue until the roadway is open to two-way traffic and the slope stabilization is complete.**
- 6) **If the Contractor elects to open the roadway to two-way traffic with base pavement, they will not be responsible for winter maintenance. If the Contractor chooses to open the roadway without base pavement, they will be responsible for plowing and maintaining the roadway throughout the winter or until base pavement is placed.**

Supplemental Specification
DIVISION 400
PAVEMENTS

SECTION 401 - HOT MIX ASPHALT PAVEMENT

401.01 Description The Special Provision 401 – Hot Mix Asphalt Pavement, has been modified with the following revisions. All sections not revised by this Special Provision shall be as outlined in the most current version of Special Provision 400 Pavements, section 401 – Hot Mix Asphalt Pavement. References to Standard Specifications, Special Provisions, or other documents, shall be determined as the most current version available at the time of bid.

401.06 Weather and Seasonal Limitations : The following section has been deleted and replaced by the following:

The Contractor may place Hot Mix Asphalt layers designated as base pavement without seasonal limitation. The Contractor may place the HMA base pavements generally at their discretion provided that area to be paved is not wet or frozen.

401.20 Acceptance Method A, B & C :

There shall be no pay adjustment for density on HMA materials placed outside the normal seasonal limitations outlined in the most current version of Division 400 – Pavements, Section 401 – subsection 401.06 Weather and Seasonal Limitations. All base pavements placed under this section shall be considered permanent.

Payment will be made in accordance with section 401.21 Method of Measurement, and 401.22 Basis of Payment. Section 401.221 Pay Adjustment, and 401.222 Pay Factor (PF) shall not apply for in-place density.

The Department shall measure pavement density to determine the acceptance of the layer. In the event the Department finds the layer to be unacceptable, the Department will compensate the Contractor for the layer at contract unit prices. Removal of the unacceptable layer will be the responsibility of the Contractor. Efforts to obtain optimum compaction will not be waived by the Department unless it is apparent during construction that local conditions make densification to this point detrimental to the finished pavement surface course.

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item #	Bit Cont. % of Mix	Total Thick	No. of Layers	Comp. Notes
<u>4" HMA Overlay in Reconstruction Areas</u>						
<u>Mainline Travelway, Widening, and Shoulders</u>						
Wearing	12.5mm	403.208	N/A	2"	1	4,8
Base	12.5mm	403.213	N/A	2"	1/more	4,8,17
<u>Drives, Misc.</u>						
Wearing	9.5mm	403.209	N/A	2"	1/more	2,3,10,11,14

COMPLEMENTARY NOTES

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
4. The design traffic level for mix placed shall be 0.3 to <3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **50 gyrations**.
8. Section 106.6 Acceptance, (2) Method B.
10. Section 106.6 Acceptance, (2) Method D.
11. The combined aggregate gradation required for this item shall be classified as a 9.5mm "**fine graded**" mixture, (using the Primary Control Sieve control point) as defined in 703.09.
14. A mixture meeting the requirements of section 703.09 Grading 'D', with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.
17. Compaction of the Hot Mix Asphalt Pavement on the Project will be obtained using a minimal roller train consisting of a 10 ton, dual drum steel vibratory roller, 16-20 ton pneumatic tired roller, and 10 ton, dual drum steel finish roller. Each roller will make a minimum of 5 passes across the traveled way section and, and a minimum of 2 passes across the shoulder section as widths allow. The initial knockdown roller passes will utilize vibratory or oscillatory action, followed by the pneumatic roller, and finally, steel drum finish roller. Cores may be taken by the Department for informational purposes. The minimum density value target will be 92.5%. There will be no incentive or disincentive for in place density for materials placed under this method.

Tack Coat

A tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd², and on milled pavement approximately 0.05 gal/yd² prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim /base courses and the surface course, at a rate not to exceed 0.025 gal/yd².

Tack used between layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.

SPECIAL PROVISION
SECTION 832
CONTRACTOR ALLOWANCE
(Removal of Sheet Piles)

This work shall consist of removing existing sheet piles. Most of the piles are in the water and some are on dry land. The piles shall be cut as close to the bottom of the pile as practical (within 6" of the river bottom or ground). The overall extent and limit of this work shall be determined in the field by the Resident.

Payment for this work shall be made under the appropriate equipment hourly bid items or in accordance with Section 109.7.5 – Force Account Work.

For bid purposes a lump sum Contractor Allowance of \$25,000.00 has been included in the schedule of items. The Contractor Allowance will be paid as described in Section 109.7.5.

<u>Pay Item</u>		<u>Unit</u>
832.071	Contractor Allowance	Lump Sum