



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

October 6, 2010
Subject: **Carmel**
Federal Project No: BR-1562(200)X
State Pin No: 015622.00
Amendment No. 2

Dear Sir/Ms:

Make the following change to the Bid Document:

In the Bid Book (pages 4 thru 10), **REMOVE** the "SCHEDULE OF ITEMS", 7 pages dated 100910 and **REPLACE** with the attached new "SCHEDULE OF ITEMS", 8 pages dated 101004.

The following questions have been received:

Question: Plan show mill & fill section of Rte 2. There is no pavement removal item. Is the milling incidental to the paving item?

Response: Item 202.202 Removing Pavement Surface has been added to the estimate to cover the cost of milling the pavement between station 18+50 and 21+50 with a quantity of 900 square yards. Please refer to the new SCHEDULE OF ITEMS.

Question: Side road detour shows paving detail of 3" – 1 ½" 403.213 & 1 ½" 403.208. Needs to be open for April 1, detour of traffic. Is the surface pavement held to the seasonal limits? If so, can the surface mix be placed when the detour is open to traffic?

Response: The pavement used on the special detour (i.e. temporary detour) does not have any formal time restriction for placement. The Resident will perform a visual inspection of the temporary detour to check its condition. The Contractor is responsible for maintaining the temporary detour in **good** condition in accordance with the Special Provision Section 510 Special Detours dated August 25, 2010. The new permanent pavement used on the two side roads (Bridge Street station 11+07.5 left and Old State Road station 21+00 left) shall be placed in accordance with MaineDOT Standard Specifications.



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Question: Amendment #1, note 14 says the Department will bear the cost of 140 man days. Does the man day include overtime after 8 hours?

Response: Please refer to page 5 of appendix D, Special Provision, Protection of Railroad Traffic and Structures, 9 pages dated 9/27/10

Question: Will the Contractor be responsible for replacement of the existing leach field, if so will this item be paid under special detour?

Response: The contractor does not have to replace the existing leach field located within the temporary detour. A new leach field has already been built and paid for by the Department. The location of new leach field for the Johnboy Mayhew property - parcel 5 is shown on sheet 4 and sheet 67.

Question: When are the future tracks to be installed and operational? Will the existing tracks be removed or abandoned?

Response: There are no immediate plans to add an additional rail line at the project site. Pan Am Railways wanted the ability to add a second rail line sometime in the distant future after the new bridge is built. A short section of existing rail line on a siding will need to be removed at station 54+02.5, 40' left to right 40'. Removal of this siding track will be as directed by the Resident. The rail line under the bridge is an active line that will remain active and in use during construction.

Question: Do the earthwork quantities include the Special Detour?

Response: No.

Question: Plan Sheet 7 of 67 identifies boring locations between station 104+00 and station 106+00 of the temporary detour. Information gathered from these borings is not listed in the geotechnical report or within the plan sheets. As it appears that ledge may be present in this area, can the information from borings HB-CRR-201, HB-CRR-202 and HB-CRR-203 be supplied to the Contractor? How will the Contractor be paid for ledge removal if encountered?

Response: Three (3) solid stem power auger probes, designated HB-CRR-201, HB-CRR-202 and HB-CR-203, were conducted in December 2009. The Power Auger stations, offsets and depth to refusal/probable bedrock, is provided in the attached Power Auger Probe Summary Sheet.

Question: Is it anticipated that the Contractor will encounter concrete roadway during excavation for the approaches to the new bridge?

Response: Yes, it is anticipated that the contractor will encounter concrete pavement during excavation for the approaches. The existing bridge plans for the sidewalk addition sheet 1 of 9 dated March 1947 has an approach cross section detail that shows a 7" thick by 20' wide concrete slab. item 202.11 Removing Portland Cement concrete Pavement has been added to the estimate. Please refer to the new SCHEDULE OF ITEMS.

Question: Special Provision 104 – Utilities, **Special Note to Contractors states, “The Contractor will assist the Railroad with the excavation and installation of conduit, signal bases, and track panel, which will also include the paving of the crossing...” Can the Department provide more information on what will be expected of the Contractor to “assist” the railroad?

Response: The Contractor is responsible to do all excavation and backfill for the railroad.

Question: Special Provision 104 – Utilities, **Special Note to Contractors also states that the Contractor will be responsible to install advance warning disks at the railroad at-grade crossing. Will this material be supplied by the railroad or the Department?

Response: The Contractor is responsible for purchasing the materials necessary to install warning disks.

Question: Special Provision 104 – Utilities, **Special Note to Contractors provides for the Contractor to move a construction storage box from Gardiner to the job site and back. Can you provide dimensions, weights, etc. of said box?

Response: The Contractor will need a flatbed trailer truck and a large forklift to load and move the conex box to the site.

Question: In areas where the Contractor is required to completely remove the temporary detour road; to what extent will the Department expect to stabilize the areas to original, or better than original, conditions as called for in Special Provision Section 510, page 5 of 6?

Response: The work shall be done in accordance with subsection 510.06 of the Special Detour Special Provision.

Question: Is the Contractor responsible for snow removal when the temporary detour is open?

Response: The Contractor is ultimately responsible for snow removal on the special detour, however, MaineDOT maintenance forces will plow route 2 in Carmel including the special detour. MDOT's plow does not include plowing of the utility temporary access.

Question: Special Provision 104 – Utilities, **Special Note to Contractors states that “utilities will not be required to make underground installations in frozen ground...”, what is the expected time range for the utilities/railroad to complete their work?

Response: This will depend on the Contactor’s schedule and weather conditions.

Question: Will Common Excavation and Agg. Subbase Course for the temporary detour be paid under pay items 203.20 Common Excavation and 304.10 Aggregate Subbase Course – Gravel, respectively?

Response: All work needed for the special detour shall paid for under item 510.10. Item 203.20 Common Excavation and item 304.10 Aggregate Subbase Course do not include any quantities for the special detour.

Question: Plan Sheet 2, Note 19 states that the project Resident will determine, if encountered, coal ash is suitable for use as common borrow. How will the Resident make this determination?

Response: The resident will make a visual assessment of the material.

Question: Special Provision 104 – Utilities, **Special Note to Contractors calls for the Contractor to provide and set two 40” Class 3 pressure treated service poles, one permanent and one temporary with all necessary appurtenances as directed by the Railroad and CMP. One pole is to remain the property of MDOT, what is the intent for the second pole? What are the “necessary appurtenances” and who bears the cost for these items? A Class 3 pole is a rather large size, is this size pole necessary for a reason?

Response: Provide and install poles as stated in the 104 Special Provision.

Question: Who will be responsible for the cost of the railroad crossing, (i.e. temporary signals, signing, ramps ... etc.)?

Response: The Department has a contract with the railroad for installation of the at-grade crossing. Signing will be the Contractor’s responsibility.

Consider this change and information prior to submitting your bid on October 6, 2010.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Bickford". The signature is fluid and cursive, with a long horizontal stroke at the end.

Scott Bickford
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 015622.00

PROJECT(S): BR-1562(200)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	202.15 REMOVING MANHOLE OR CATCH BASIN	1.000 EA				
0020	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
0030	202.202 REMOVING PAVEMENT SURFACE	900.000 SY				
0040	203.20 COMMON EXCAVATION	3700.000 CY				
0050	203.2318 DISPOSAL OF SPECIAL WASTE	100.000 T				
0060	203.24 COMMON BORROW	9900.000 CY				
0070	203.25 GRANULAR BORROW	2625.000 CY				
0080	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	5.000 CY				
0090	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	1165.000 CY				
0100	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	3150.000 CY				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	403.207 HOT MIX ASPHALT 19.0 MM HMA	1020.000 T				
0120	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	435.000 T				
0130	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	40.000 T				
0140	403.213 HOT MIX ASPHALT 12.5 MM BASE	375.000 T				
0150	409.15 BITUMINOUS TACK COAT - APPLIED	55.000 G				
0160	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP	LUMP			
0170	502.31 STRUCTURAL CONCRETE APPROACH SLABS	LUMP	LUMP			
0180	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP	LUMP			
0190	502.56 CONCRETE FILL	140.000 CY				
0200	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	105755.000 LB				
0210	503.13 REINFORCING STEEL, PLACING	105755.000 LB				

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			DOLLARS	CTS	DOLLARS	CTS
0220	507.0831 STEEL BRIDGE RAILING, 4 BAR	LUMP	LUMP			
0230	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP	LUMP			
0240	510.10 SPECIAL DETOUR _____ ROADWAY WIDTH VEHICULAR & PEDESTRIAN TRAFFIC NOT SEPARATED 34'	LUMP	LUMP			
0250	512.081 FRENCH DRAINS	LUMP	LUMP			
0260	514.06 CURING BOX FOR CONCRETE CYLINDERS	1.000 EA				
0270	515.20 PROTECTIVE COATING FOR CONCRETE SURFACES	96.000 SY				
0280	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
0290	526.34 PERMANENT CONCRETE TRANSITION BARRIER	4.000 EA				
0300	527.34 WORK ZONE CRASH CUSHIONS	2.000 UN				
0310	535.60 PRESTRESSED STRUCTURAL CONCRETE SLAB	LUMP	LUMP			

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			DOLLARS	CTS	DOLLARS	CTS
0320	603.169 15 INCH CULVERT PIPE OPTION III	20.000 LF				
0330	603.179 18 INCH CULVERT PIPE OPTION III	420.000 LF				
0340	604.092 CATCH BASIN TYPE B1-C	1.000 EA				
0350	604.15 MANHOLE	1.000 EA				
0360	604.246 CATCH BASIN TYPE F5	1.000 EA				
0370	606.1721 BRIDGE TRANSITION - TYPE 1	4.000 EA				
0380	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	1200.000 LF				
0390	606.232 GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	25.000 LF				
0400	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1.000 EA				
0410	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0420	606.369 GUARDRAIL REMOVED AND STACKED	1240.000 LF				

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			DOLLARS	CTS	DOLLARS	CTS
0430	606.79 GUARDRAIL 350 FLARED TERMINAL	3.000 EA				
0440	607.15 DRIVE GATEWAY 16 FOOT - METAL	1.000 EA				
0450	607.19 CHAIN LINK FENCE - 8 FOOT	32.000 LF				
0460	609.31 CURB TYPE 3	135.000 LF				
0470	610.08 PLAIN RIPRAP	2.000 CY				
0480	613.319 EROSION CONTROL BLANKET	40.000 SY				
0490	615.0701 LOAM - PLAN QUANTITY	645.000 CY				
0500	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	2.000 UN				
0510	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	15.000 UN				
0520	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	88.000 UN				
0530	619.1201 MULCH - PLAN QUANTITY	103.000 UN				

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			DOLLARS	CTS	DOLLARS	CTS
0540	619.1401 EROSION CONTROL MIX	1290.000 CY				
0550	621.044 EVERGREEN TREES (6 FOOT - 8 FOOT) GROUP B	3.000 EA				
0560	621.047 EVERGREEN TREES (8 FOOT - 9 FOOT) GROUP B	2.000 EA				
0570	621.273 LARGE DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP A	5.000 EA				
0580	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	3750.000 LF				
0590	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0600	629.05 HAND LABOR, STRAIGHT TIME	120.000 HR				
0610	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40.000 HR				
0620	631.15 ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	40.000 HR				
0630	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	80.000 HR				
0640	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	20.000 HR				

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			DOLLARS	CTS	DOLLARS	CTS
0650	639.18 FIELD OFFICE TYPE A	1.000 EA				
0660	652.31 TYPE I BARRICADE	8.000 EA				
0670	652.312 TYPE III BARRICADE	8.000 EA				
0680	652.33 DRUM	50.000 EA				
0690	652.34 CONE	100.000 EA				
0700	652.35 CONSTRUCTION SIGNS	244.000 SF				
0710	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	150.000 CD				
0720	652.38 FLAGGER	240.000 HR				
0730	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0740	659.10 MOBILIZATION	LUMP	LUMP			
0750	660.21 ON-THE-JOB TRAINING (BID)	1000.000 HR				
	SECTION 0001 TOTAL					

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			DOLLARS	CTS	DOLLARS	CTS
	TOTAL BID					

