



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

May 5, 2011
Subject: **Winthrop & Manchester**
Federal Project No: STP-1803 (700)X
State PIN: 018037.00
Amendment No. 4

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book (pages 4 thru 9) **REMOVE** the “SCHEDULE OF ITEMS” 6 pages dated 110330 and **REPLACE** with the attached new “SCHEDULE OF ITEMS” 6 pages dated 110504.

In the Bid Book (page 27) **REMOVE** the “TYPICAL SECTIONS, SHEET NUMBER 3 OF 4” 1 page and **REPLACE** with the attached new “TYPICAL SECTIONS, SHEET NUMBER 3 OF 4” 1 page.

In the Bid Book after page 112, **ADD** the attached “SPECIAL PROVISION, SECTION 518, STRUCTURAL CONCRETE REPAIR” 1 page dated May 2, 2011.

The following questions have been received:

Question: Item 606.3651 – Rem, Mod & Reset – What is needed for mod? Just blocks or posts also?

Response: Just the blocks.

Question: Please describe the center turn lane work in further details.

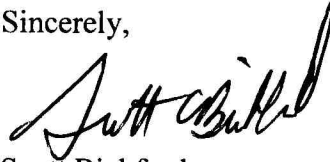
Response: Please see the changes in this Amendment. Due to additional information and further investigation, the concrete center turn lane will NOT be removed, it will remain in place and the deteriorated and cracked areas will be repaired according to special provision 518. The repair work should take into account the work hour limitations; given that the turn lane is used for business access and signal use. The intent is to have the repaired areas open to traffic as quickly as practical. The surface of the repair will match and be to a consistent grade and profile to the existing concrete wearing surface.



PRINTED ON RECYCLED PAPER

Consider these changes and information prior to submitting your bid on **May 11, 2011**.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Bickford". The signature is fluid and cursive, with the first name "Scott" and last name "Bickford" clearly distinguishable.

Scott Bickford
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 018037.00

PROJECT(S): STP-1803(700)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	202.202 REMOVING PAVEMENT SURFACE	31300.000 SY				
0020	202.203 PAVEMENT BUTT JOINTS	3300.000 SY				
0030	205.41 RECONSTRUCTION OF EXISTING SHOULDER PLAN QUANTITY	1400.000 SY				
0040	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	10.000 CY				
0050	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	5.000 CY				
0060	403.207 HOT MIX ASPHALT 19.0 MM HMA	900.000 T				
0070	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	3000.000 T				
0080	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	200.000 T				
0090	403.210 HOT MIX ASPHALT 9.5 MM	14300.000 T				
0100	403.211 HOT MIX ASPHALT (SHIMMING)	5900.000 T				

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	409.15 BITUMINOUS TACK COAT - APPLIED	11300.000 G				
0120	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	60.000 CY				
0130	518.32 REHABILITATION OF STRUCTURAL CONCRETE SLAB - FULL DEPTH	3000.000 SF				
0140	604.161 ALTERING CATCH BASIN	3.000 EA				
0150	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	10.000 EA				
0160	604.247 CATCH BASIN TYPE F5-C	1.000 EA				
0170	605.11 12 INCH UNDERDRAIN TYPE C	40.000 LF				
0180	606.178 GUARDRAIL BEAM	562.500 LF				
0190	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	25.000 LF				
0200	606.231 GUARDRAIL TYPE 3C - 15 FOOT RADIUS AND LESS	25.000 LF				
0210	606.232 GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	25.000 LF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	5.000 EA				
0230	606.352 REFLECTORIZED BEAM GUARDRAIL DELINEATORS	225.000 EA				
0240	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	77.000 EA				
0250	606.362 GUARDRAIL ADJUSTED	1350.000 LF				
0260	606.3651 GUARDRAIL-REMOVE, MODIFY, AND RESET EXISTING TO 3D	1088.000 LF				
0270	606.367 REPLACE UNUSABLE EXISTING GUARDRAIL POSTS	30.000 EA				
0280	606.47 SINGLE WOOD POST	2.000 EA				
0290	606.51 MULTIPLE MAILBOX SUPPORT	2.000 EA				
0300	606.754 WIDEN SHOULDER FOR GUARDRAIL 350 FLARED TERMINAL	4.000 EA				
0310	606.79 GUARDRAIL 350 FLARED TERMINAL	4.000 EA				
0320	609.31 CURB TYPE 3	1600.000 LF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	609.34 CURB TYPE 5	290.000 LF				
0340	609.38 RESET CURB TYPE 1	1617.000 LF				
0350	609.40 RESET CURB TYPE 5	1517.000 LF				
0360	613.319 EROSION CONTROL BLANKET	2400.000 SY				
0370	615.07 LOAM	135.000 CY				
0380	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	460.000 UN				
0390	619.1201 MULCH - PLAN QUANTITY	460.000 UN				
0400	627.18 12 " SOLID WHITE PAVEMENT MARKING	1285.000 LF				
0410	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	143000.000 LF				
0420	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	7760.000 SF				
0430	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	629.05 HAND LABOR, STRAIGHT TIME	250.000 HR				
0450	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	250.000 HR				
0460	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	500.000 HR				
0470	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	8.000 HR				
0480	639.19 FIELD OFFICE TYPE B	1.000 EA				
0490	643.86 TRAFFIC SIGNAL LOOP DETECTORS	13.000 EA				
0500	652.33 DRUM	160.000 EA				
0510	652.34 CONE	280.000 EA				
0520	652.35 CONSTRUCTION SIGNS	2212.000 SF				
0530	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	144.000 CD				
0540	652.38 FLAGGER	4000.000 HR				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0550	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	4.000 EA				
0560	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0570	659.10 MOBILIZATION	LUMP	LUMP			
	SECTION 0001 TOTAL					.

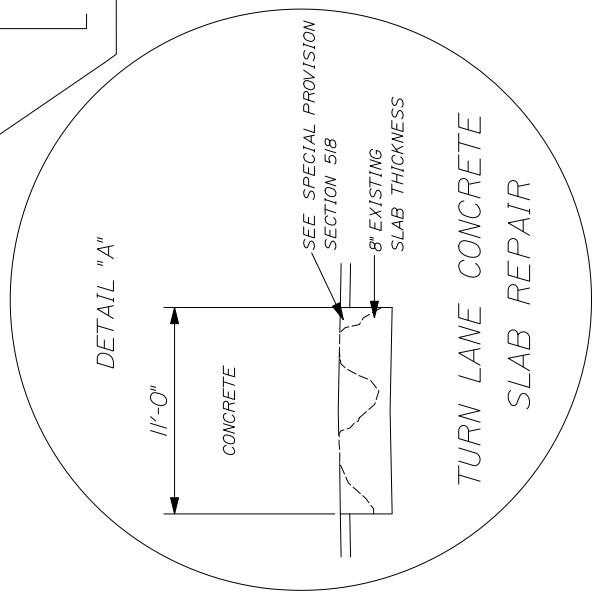
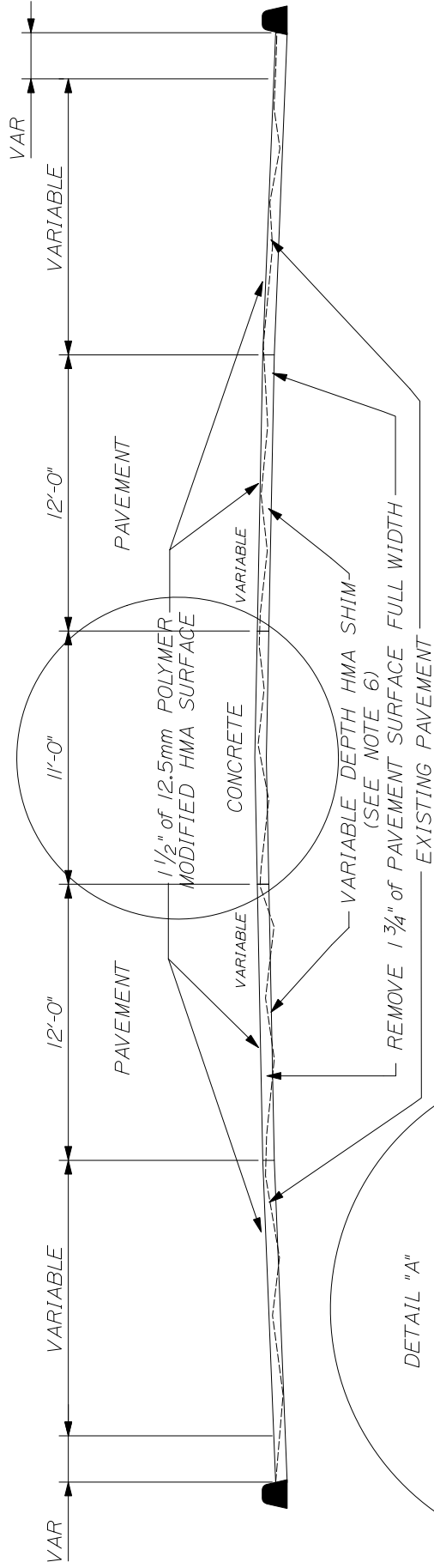
SECTION 0002 UTILITY ITEMS

0580	812.162 ADJUSTING SEWER MANHOLE TO GRADE	8.000 EA				
0590	812.164 REBUILDING SEWER MANHOLE	14.000 EA				
	SECTION 0002 TOTAL					
	TOTAL BID					

1 3/4" MILL & FILL SHOWING 4 TRAVEL LANES AND CENTER AUXILIARY LANE

NOTE:

1. THE PAVEMENT DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE OF THE ROADWAY, THE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
3. CROWN FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF PAVEMENT SHALL BE STRAIGHT.
4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY GROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
6. VARIABLE DEPTH SHIM IS TO BE PLACED IF DELAMINATION OCCURS DURING MILLING OPERATIONS OR AS DIRECTED BY THE RESIDENT.



CONCRETE AREAS 907+08 - 939+68 +/-
940+88 - 949+84 +/- & 950+58 - 959+01 +/-

DATE	DATE
P.E. NUMBER	DATE
SIGNATURE	DATE

SPECIAL PROVISION
SECTION 518
STRUCTURAL CONCRETE REPAIR
(Concrete Slab Repair)

The Standard Specifications – Revision of December 2002; Section 518 – Structural Concrete Repair has been amended as follows:

518.03 Repair Materials, paragraph 1: All structural concrete removed shall be replaced with Class LP concrete, per Section 502 – Structural Concrete. Acceptable bonding agents shall be one of the products listed on the Departments’ pre-approved products list, and shall be used to bond fresh concrete or patching materials to existing hardened concrete surfaces.

As an alternative to the standard Class LP concrete, the contractor may propose the use of an accelerated Class LP concrete. Acceptable methods for rapid strength gain shall include, but are not limited to, additional cementitious content, non chloride chemical accelerators, Type III Portland Cement, and heated mix water and aggregates. Trial batches shall be performed and submitted to the Department indicating a minimum of 4000 PSI compressive strength in 24 hours.

The use of rapid setting cement may be substituted for normal Portland Cement and must obtain a minimum of 5000 PSI compressive strength in 24 hours. Rapid set cement products proposed for use must have a history of long term durability and be used in strict accordance with the manufacturer’s recommendations. These products can be found on the MDOT Qualified Products – Concrete Patching Materials <http://www.maine.gov/mdot/tr/qpl/concretebridgeitems.htm>

The Contractor shall perform trial batches on all accelerated set or rapid setting concrete mix designs proposed for use prior to approval. Trial batches shall document entrained air contents, workability restrictions, and early age compressive strengths. Designs shall be submitted to the Department for approval before use.

All materials used for repair of concrete or reinforcing steel shall meet the applicable requirements of Division 700 as specified in Standard Specification Sections 502 and 503, respectively.

518.11 Basis of Payment: The Basis of Payment shall be revised as follows:

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
518.32 Rehabilitate Concrete Slab – Full Depth	ft ²