



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

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID A. COLE  
COMMISSIONER

May 20, 2008  
Subject: **Auburn**  
Project No. STP-1159(800)X  
Pin No. 011598.00  
**Amendment No.1**

Dear Sir/Ms:

Make the following change to the Bid Document:

In the Bid Book; **REMOVE** the "SCHEDULE OF ITEMS" pages 3 through 8 in the Bid Book (6 pages dated 080424). **REPLACE** with the attached new "SCHEDULE OF ITEMS", 6 pages dated 080515.

In the Bid Book; "SPECIAL PROVISION, SECTION 403, TEXTURED ASPHALT PAVEMENT" (page 66, dated July 25, 2007) **DELETE** the section titled "Description" in its entirety and **REPLACE** with the following:

"Description The Contractor shall texture the pavement at crosswalk locations shown on the plans or as directed by the Resident. Texturing shall meet the requirements of **Integrated Paving Concepts TM Duratherm**, or an approved equal. A Heritage Offset Brick pattern and a Cinnamon (or equal to approximate a brick red) color shall be used. See [www.integratedpaving.com](http://www.integratedpaving.com) for complete manufacturer's recommendations."

Make this change in pen and ink.

In the Bid Book; after page 81 (SPECIAL PROVISION, SECTION 608, DETECTABLE WARNINGS) **ADD** the attached "SPECIAL PROVISION, SECTION 608, SIDEWALKS, (Brick), 3 pages dated May 15, 2008

In the Plans; on Sheet Number 3 of 38, **DELETE** the "BRICK SIDEWALK" detail (upper right hand side) and it's associated note. **REPLACE** with the attached new BRICK SIDEWALK detail and note.

Consider this information prior to submitting your bid on **May 28, 2008**.

Sincerely,

Scott Bickford  
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 011598.00

PROJECT(S): STP-1159(800)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	1.000 EA				
0020	201.24 REMOVING STUMP	1.000 EA				
0030	202.202 REMOVING PAVEMENT SURFACE	8743.000 SY				
0040	203.20 COMMON EXCAVATION	390.000 CY				
0050	203.25 GRANULAR BORROW	20.000 CY				
0060	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	170.000 CY				
0070	403.1021 TEXTURED ASPHALT PAVEMENT	300.000 SY				
0080	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	696.000 T				
0090	403.209 HOT MIX ASPHALT 9.5 MM HMA (SIDEWALKS, DRIVES, INCIDENTALS)	37.000 T				
0100	403.213 HOT MIX ASPHALT 12.5 MM HMA BASE	1624.000 T				

SCHEDULE OF ITEMS

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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	450.000 G				
0120	411.09 UNTREATED AGGREGATE SURFACE COURSE	753.000 CY				
0130	502.341 STRUCTURAL CONCRETE ROADWAY MEDIAN	5.000 CY				
0140	502.345 STRUCTURAL CONCRETE - COLORED PAVEMENT	24.000 CY				
0150	603.1311 8 " PVC PIPE	225.000 LF				
0160	603.159 12 INCH CULVERT PIPE OPTION III	300.000 LF				
0170	604.15 MANHOLE	2.000 EA				
0180	604.16 ALTERING CATCH BASIN TO MANHOLES	4.000 EA				
0190	604.167 ALTER CATCH BASIN GRATE TO CASCADE	10.000 EA				
0200	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	2.000 EA				
0210	604.2403 SPECIAL BASIN	1.000 EA				

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
0220	604.2412 BEHIND CURB INLET	1.000 EA				
0230	604.247 CATCH BASIN TYPE F5-C	1.000 EA				
0240	604.252 CATCH BASIN TYPE A5-C	2.000 EA				
0250	605.09 6 INCH UNDERDRAIN TYPE B	50.000 LF				
0260	608.08 REINFORCED CONCRETE SIDEWALK	1200.000 SY				
0270	608.10 BRICK SIDEWALK, REMOVE AND REBUILD	23.000 SY				
0280	608.17 BRICK SIDEWALK WITH CONCRETE BASE	225.000 SY				
0290	608.26 CURB RAMP DETECTABLE WARNING FIELD	216.000 SF				
0300	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	55.000 LF				
0310	609.234 TERMINAL CURB TYPE 1 - 4 FOOT	8.000 EA				
0320	609.237 TERMINAL CURB TYPE 1 - 7 FOOT	6.000 EA				

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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	245.000 LF				
0340	609.35 CURB TYPE 5 - CIRCULAR	75.000 LF				
0350	609.38 RESET CURB TYPE 1	1291.000 LF				
0360	615.07 LOAM	65.000 CY				
0370	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	5.200 UN				
0380	619.1201 MULCH - PLAN QUANTITY	5.200 UN				
0390	621.202 MEDIUM DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP B	12.000 EA				
0400	621.80 ESTABLISHMENT PERIOD	LUMP	LUMP			
0410	626.033 POLYVINYL CONDUIT	3600.000 LF				
0420	626.11 PRECAST CONCRETE JUNCTION BOX	4.000 EA				
0430	626.22 NON-METALLIC CONDUIT	100.000 LF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	626.31 18 INCH FOUNDATION	25.000 EA				
0450	627.711 WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE (PLAN QUANTITY)	5990.000 LF				
0460	627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING	1200.000 SF				
0470	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0480	629.05 HAND LABOR, STRAIGHT TIME	10.000 HR				
0490	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR				
0500	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	3.000 HR				
0510	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	3.000 HR				
0520	634.16 HIGHWAY LIGHTING	LUMP	LUMP			
0530	634.2041 LUMINAIRES	24.000 EA				
0540	634.206 LIGHT STANDARD FOR POST TOP LUMINAIRE	24.000 EA				

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0550	634.208 REMOVE AND RESET LIGHT STANDARDS	1.000 EA				
0560	634.315 #8 AWG COPPER WIRE	2400.000 LF				
0570	652.31 TYPE I BARRICADE	5.000 EA				
0580	652.312 TYPE III BARRICADE	3.000 EA				
0590	652.33 DRUM	25.000 EA				
0600	652.34 CONE	75.000 EA				
0610	652.35 CONSTRUCTION SIGNS	620.000 SF				
0620	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			
0630	652.38 FLAGGER	3500.000 HR				
0640	659.10 MOBILIZATION	LUMP	LUMP			
	SECTION 0001 TOTAL					
	TOTAL BID					

SPECIAL PROVISIONS  
SECTION 608  
SIDEWALKS  
(Brick)

DESCRIPTION: This work shall consist of constructing new brick sidewalks at new locations and making repairs to areas of existing sidewalk previously damaged, or affected by the construction of this project in accordance with these specifications and in reasonably close conformity with the lines and grades as shown on the plans or as established by the Resident.

MATERIALS

GENERAL: Materials shall meet the requirements specified in the following subsections of Division 700 of the Standard Specifications and in this Special Provision

Joint Filler	705.01
Joint Mortar	705.02
Reinforcing Steel	709.02

Portland cement concrete shall meet the requirements of Section 502 – Structural Concrete, Class "LP".

BRICK: The Contractor may salvage and use existing brick from the project area sidewalks to use when making repairs to existing sidewalks. The Contractor shall be responsible for culling the used brick and shall not reuse broken, cracked, badly chipped or severely deformed bricks. The bricks shall be cleaned of all dirt, mortar, pavement and other material prior to being laid. Existing bricks adjacent to new areas or areas to be repaired shall be cleaned in the same manner.

The Contractor may, at his option, completely remove the bricks from existing sidewalks and substitute new brick.

When constructing new brick sidewalks at new locations, the Contractor shall provide new brick conforming to the requirements of ASTM C902-07, Class SX, Type 1.

Bricks shall be of standard size (2-1/4" X 3-3/4" X 8") with permissible variations not to exceed 1/16" in depth, 1/8" in width or 1/4" in length.

Prior to ordering new brick, samples shall be submitted in whole straps to show color range.

## CONSTRUCTION REQUIREMENTS

PREPARATION OF BASE: The sub grade for the brick pavement shall be shaped parallel to the proposed finished surface or as shown on the plans, and shall be thoroughly compacted. All depressions shall be filled with suitable material and the material compacted until the surface is smooth and hard.

After the sub grade has been prepared, a foundation of aggregate sub base course shall be placed and thoroughly compacted. The foundation shall have a thickness as shown on the plans or to match that of existing adjacent sidewalks when making repairs and shall be parallel to the proposed finished surface of the work

A layer of Portland cement concrete with welded wire steel fabric shall be placed upon the prepared aggregate sub base course. The foundation shall be thoroughly moistened immediately prior to placing the concrete. The proportioning, mixing, and placing shall be in accordance with the requirements of Section 502 - Structural Concrete. The finishing of the concrete shall be done to the extent required for the placement of a reasonable uniform thickness of mortar acceptable to the Resident. The concrete shall be cured for 72 hours.

BRICK PLACEMENT: Before brick placement, a layer of mortar of sufficient thickness to create a good bond and support the brick without the brick coming in contact with the Portland cement concrete base shall be placed.

The brick shall be laid in the pattern consistent with the existing brick pattern and as directed. The joints between the bricks shall be  $\frac{1}{4}$  inch in thickness, with a permissible variation of  $+\frac{1}{16}$  and  $-\frac{1}{8}$  inch. When necessary, the brick shall be cut with a power saw or proper cutting wheel. The Resident will require replacement of any improperly cut bricks. No cut brick shall be less than 2 inches in length. A journeyman brick mason shall supervise all brick placement.

The brick shall be placed in a timely manner such that the mortar has not dried and a good bond with the brick is created. The joints shall be filled with mortar and struck such that the brick sidewalk is finished in a neat workmanlike manner to the lines and grades required. All excess mortar shall be carefully removed. Any divergence from line and grade or unevenness shall be corrected by taking up and relaying the bricks in a new layer of mortar.

METHOD OF MEASUREMENT: Brick sidewalk with Portland cement concrete base will be measured for payment by the square yard measured from edges of the outside brick.

BASIS OF PAYMENT: Payment for the construction of Brick Sidewalk with Concrete Base will be made at the contract unit price per square yard. This price shall include the cost of furnishing Portland cement concrete base with welded wire fabric, bricks

(salvaged and/or new, as required), joint filler and joint mortar and all labor, equipment and incidentals necessary to satisfactorily complete the work.

Payment for excavation and aggregate sub base course gravel will be made under the appropriate items.

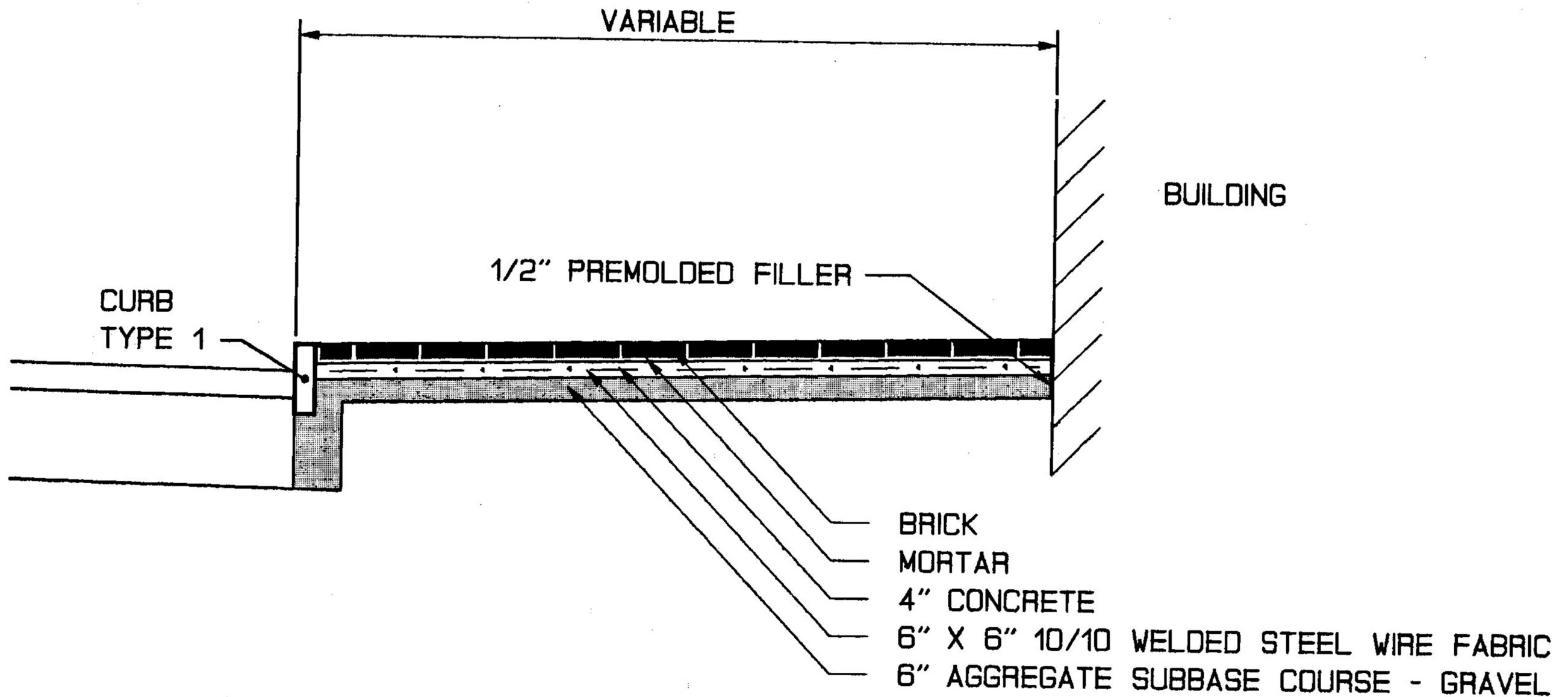
Payment will be made under:

Pay Item

Pay Unit

608.17 Brick Sidewalk with concrete base

Square Yard



NOTE: EXPANSION JOINTS FOR BRICK AND CONCRETE SIDEWALKS SHALL BE LOCATED ONE OVER THE OTHER WITH MAXIMUM SPACING OF 30'-0" CENTER TO CENTER. ALL BRICKS ARE TO BE CUT WITH A POWER SAW OR PROPER CUT-OFF WHEEL.

## BRICK SIDEWALK