



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

June 1, 2010
Subject: **Edgecomb, Newcastle,
Damariscotta & Nobleboro**
Federal Project No: NH-1730(500)E
State Pin No: 017305.00
Amendment No. 2

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 100426 and **REPLACE** with the attached new "SCHEDULE OF ITEMS", 5 pages dated 100527.

In the Bid Book (pages 34 thru 38), **REMOVE** the "CONSTRUCTION NOTES", 5 pages undated and **REPLACE** with the attached new "CONSTRUCTION NOTES", 5 pages dated May 27, 2010.

The following questions have been received:

Question: The Schedule of Items shows 50 SY of 403.1021, Textured Asphalt Pavement. The plans show adding 367 SY of "Textured Wearing Surface". These are separate products; can you clarify the intent of the MDOT and pay items?

Response: This item was intended to repair small areas of the island located at the intersection of RTE 1 & Belvedere Road (Station 444+30 ±). The islands material will remain as is, and will not be milled and removed. The Contractor shall mill around the island maintaining a one foot clearance away from the flush median island. Item # 403.1021 and Item # 627.90 Pavement Painting will be removed from the contract.

Question: Is the 627.733 item (4" painted marking line) the correct quantity, if so where is this item to be used given MDOT forces will be marking both edge and centerlines?

Response: The Construction notes under Item # 627.733 details the intent of this item. The Contractor shall replace the pavement markings at the intersections listed in the Construction notes no later than 4 working days after surface is placed. MDOT forces will paint the remainder of the project. The Contractor will provide the appropriate temporary pavement marking in all other areas of the project to be painted by MDOT forces.



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Question: Can you please clarify line item 627.90, Pavement Painting? In the past this line item number has been substituted for 627.75, Pavement & Curb Markings.

Response: Please remove this item from the bid list of items; see previous Question and answer.

Question: Item 606.79 Flared 350 Terminal. Are the flared 350 terminals that are replacing the existing BCT's being installed in new pavement or in the gravel shoulder? It appears that existing BCT's are in a gravel shoulder or winter sand that has built up over the years.

Response: The existing BCT flares are paved in the widened shoulders. The 350's will be replacing the BCTs.

Question: Item 403.102 HMA Special Areas is not listed under Special Provision 108. Will the Department include this item with said Special Provision?

Response: Due to the small quantity, it will not be included in the escalator.

Question: In the Construction Notes, page 2 of 5, there are notes for the three types of joint modification. Joints 2 and 3 appear to be having only the seal replaced. Is there any other work with these joints? Special Provision 520 details imply removing concrete and the steel extrusion. Can the Department provide more details for these joints?

Response: Please refer to the new Construction notes made part of this amendment.

Question: Joint Modification Type I states to replace pour-in-place joint sealants with a qualified MDOT product. Special Provision also refers to plans that have not been provided. Can the Department provide more detail on what this is being replaced with? Usually with a Type 1 Joint modification the elastomeric concrete is placed on either side of the joint or the gland or compression seal is replaced.

Response: Please refer to the new Construction notes made part of this amendment.

Consider these changes and information prior to submitting your bid on June 2, 2010.

Sincerely,

FOR



Scott Bickford
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 017305.00

PROJECT(S): NH-1730(500)E

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	195300.000 SY				
0020	202.203 PAVEMENT BUTT JOINTS	670.000 SY				
0030	203.242 DIRTY BORROW	100.000 CY				
0040	403.102 HOT MIX ASPHALT PAVEMENT - SPECIAL AREAS	15.000 T				
0050	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	16550.000 T				
0060	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	25.000 T				
0070	403.210 HOT MIX ASPHALT 9.5 MM	1125.000 T				
0080	403.211 HOT MIX ASPHALT (SHIMMING)	8850.000 T				
0090	403.213 HOT MIX ASPHALT 12.5 MM BASE	250.000 T				
0100	409.15 BITUMINOUS TACK COAT - APPLIED	17500.000 G				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	410.151 EMULSIFIED ASPHALT SEALCOAT, APPLIED	129000.000 SY				
0120	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	25.000 CY				
0130	518.50 REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 7.9 IN.	10.000 SF				
0140	518.60 REPAIR OF VERTICAL SURFACES < 7.9 IN.	40.000 SF				
0150	520.241 BRIDGE JOINT MODIFICATION TYPE 1	1.000 EA				
0160	520.242 BRIDGE JOINT MODIFICATION TYPE 2	3.000 EA				
0170	520.243 BRIDGE JOINT MODIFICATION TYPE 3	1.000 EA				
0180	606.178 GUARDRAIL BEAM	725.000 LF				
0190	606.231 GUARDRAIL TYPE 3C - 15 FOOT RADIUS AND LESS	12.500 LF				
0200	606.352 REFLECTORIZED BEAM GUARDRAIL DELINEATORS	250.000 EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	144.000 EA				
0220	606.356 UNDERDRAIN DELINEATOR POST	20.000 EA				
0230	606.367 REPLACE UNUSABLE EXISTING GUARDRAIL POSTS	20.000 EA				
0240	606.79 GUARDRAIL 350 FLARED TERMINAL	71.000 EA				
0250	609.38 RESET CURB TYPE 1	110.000 LF				
0260	613.319 EROSION CONTROL BLANKET	2000.000 SY				
0270	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	30.000 UN				
0280	619.1201 MULCH - PLAN QUANTITY	30.000 UN				
0290	627.619 12 INCH SOLID YELLOW PAVEMENT MARKING LINE	220.000 LF				
0300	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	192500.000 LF				
0310	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	530.000 SF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0320	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0330	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR				
0340	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	200.000 HR				
0350	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	500.000 HR				
0360	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR				
0370	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	10.000 HR				
0380	639.19 FIELD OFFICE TYPE B	1.000 EA				
0390	643.86 TRAFFIC SIGNAL LOOP DETECTORS	2.000 EA				
0400	652.33 DRUM	150.000 EA				
0410	652.34 CONE	250.000 EA				
0420	652.35 CONSTRUCTION SIGNS	1000.000 SF				

SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0430	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	112.000 CD				
0440	652.38 FLAGGER	1950.000 HR				
0450	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	4.000 EA				
0460	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0470	659.10 MOBILIZATION	LUMP	LUMP			
	TOTAL BID					

CONSTRUCTION NOTES

Item 202.202 Remove Pavement Surface

Remove pavement surface from the mainline plus one foot +/- each side of the shoulder break to get rid of the existing crack from Station 48+80 to Station 644+40. All turn lanes and truck lanes will also be included with this process. The depth of the pavement removal shall be to a depth of 2 ¼" +/- . The depth may vary depending on any delamination and the quality of the milled surface. The width of the surface removal may be adjusted in the field by the MaineDOT representative to include more or less of the shoulder pavement. Bridge decks will have 1¼" +/- milled off.

Item 202.203 Pavement Butt Joints

Station 695+55 to 696+00 (end of project) full width mainline and shoulders.
All driveways and sideroads within the ¾" overlay section.
Any other miscellaneous areas

Item 203.242 Dirty Borrow

Station 644+40 to Station 696+00 (¾" overlay section)
Other areas as directed by the Department.

Item 403.102 HMA Pavement for Special Areas

This item is for patching small areas of existing shoulder as directed.

Item 403.1021 Textured Asphalt Pavement

See the plan sheet within the typical sections for details of the shape and dimensions of the textured surface. The location is at the intersection of the Belvedere Road (Station 444+30). The intermediate island will be constructed new. The existing shoulders will remain and will be re-painted utilizing Item 627.90 Pavement Painting.

Item 403.208 HMA 12.5mm surface

This item to be used as 1½" surface +/- Station 48+80 to Station 644+40
This item to be used as 1¼" surface +/- on Bridge Decks.
This item is for use in shoulder areas that need repair. Depth 1½"

Item 403.209 HMA Hand Placed

This is for use on the driveways within the ¾" overlay section only.

CONSTRUCTION NOTES

Item 403.210 HMA 9.5mm Surface

This item to be used as ¾" surface Station 644+40 to Station 696+00

Item 403.211 9.5 mm HMA Shim

To be used as variable depth shim from Station 644+40 to Station 696+00.

To be used as ¾" shim +/- Station 48+80 to Station 644+40.

Item 403.213 HMA 12.5mm Base

This item is for use in shoulder areas that need repair. Depth 1½"

Item 410.151 Emulsified Asphalt Fog Coat, Applied

For use on all remaining existing shoulders within the mill and fill section (Station 48+80 to Station 644+40) after surface pavement removal is complete.

Item 518.50 Repair of Upward Facing Surfaces – to Reinforcing Steel, <7.9"

Item 518.60 Repair of Vertical Surfaces < 7.9"

Station 233+10+-, Bridge #2512 "Marsh Bridge", South Abutment Back wall.

Note: Bridge is currently signed wrong as bridge #5890.

Item 520.241 Bridge Joint Modifications Type I

Scope of the work is as follows

Station 233+10+-, Bridge #2512 "Marsh Bridge", Work includes removing existing compression seal, Abrasive blast clean the joint steel, repair and install keeper bars as necessary and install new, properly sized compression seal on the most southerly bridge joint. Note: Bridge is currently signed wrong as bridge #5890.

Item 520.242 Bridge Joint Modifications Type II

Scope of the work is as follows

On Bridge #5888 Over Academy Hill Road, Remove existing joint sealant, abrasive blast clean joint seal, install new pour-in-place joint sealant on the most northerly bridge joint.

On Bridge #5889 over Mill Road, Remove existing joint sealant, abrasive blast clean joint sealant, install new pour-in-place joint sealant on the most southerly and most northerly bridge joints. All material must be listed on the Maine DOT approved product list. Note: Bridge is currently signed wrong as #5887.

CONSTRUCTION NOTES

Item 520.243 Bridge Joint Modifications Type III

Scope of the work is as follows

Bridge #5890 over Damariscotta River, Remove existing gland seal, abrasive blast clean joint steel and install new Gland Seal on the most southerly bridge joint. All material must be listed on the Maine DOT approved product list.

Item 606.178 Guardrail Beam

The following locations are the proposed areas that require damaged guardrail beams to be replaced. Replacement of guardrail beams is not limited to these areas. The locations and quantities are approximate and must be verified in the field:

<u>GR run at Sta</u>	<u># of beams (linear feet)</u>		<u>GR run at Sta</u>	<u># of beams (linear feet)</u>
57+26 Rt	2 (25')		346+60 Rt	1 (12.5')
84+19 Lt	3 (37.5')		357+69 Rt	2 (25')
116+40 Lt	6 (75')		357+69 Lt	1 (12.5')
124+84 Lt	3 (37.5')		367+72 Rt	5 (62.5')
135+40 Lt	3 (37.5')		371+42 Lt	1 (12.5')
151+24 Lt	1 (12.5')		451+15 Rt	1 (12.5')
157+58 Lt	2 (25')		455+37 Lt	11 (137.5')
158+11 Rt	1 (12.5')		472+27 Lt	1 (12.5')
197+18 Lt	1 (12.5')		502+36 Rt	1 (12.5')
346+08 Lt	1 (12.5')		534+57 Lt	2 (25')
340+27 Rt	1 (12.5')		650+20 Lt	1 (12.5')

Item 606.231 Guardrail Type 3C – 15' Radius and Less

Station 232+82 Lt. Replace damaged rail.

Item 606.367 Replace Unusable Existing Guardrail Posts

This item is reserved for undisclosed locations that may contain damaged guardrail posts.

CONSTRUCTION NOTES

Item 606.79 Guardrail 350 Flared Terminal

Each existing BCT end treatment will be replaced with a new 350 end treatment. The following stations are the approximate locations of the existing end treatments:

55+68 Rt	61+48 Rt	81+02 Rt	86+83 Rt	86+83 Lt	113+76 Lt
119+04 Lt	121+68 Lt	122+73 Rt	126+96 Rt	128+01 Lt	133+29 Lt
137+52 Lt	147+55 Lt	149+13 Rt	160+22 Lt	161+28 Rt	170+78 Rt
172+36 Lt	179+23 Lt	179+23 Rt	186+09 Rt	194+80 Lt	195+33 Lt
198+24 Rt	199+29 Lt	229+92 Rt	230+44 Lt	236+78 Rt	297+50 Rt
298+56 Lt	301+72 Rt	303+84 Lt	309+64 Rt	317+04 Rt	318+62 Rt
321+79 Rt	323+37 Lt	327+07 Lt	330+24 Rt	335+52 Rt	336+57 Lt
347+66 Lt	348+72 Rt	352+94 Rt	353+47 Lt	365+08 Rt	367+72 Lt
369+84 Rt	374+59 Lt	376+70 Rt	379+87 Lt	383+04 Lt	385+15 Rt
410+49 Lt	411+02 Rt	422+11 Rt	423+16 Lt	446+40 Rt	449+56 Lt
455+90 Rt	460+65 Lt	467+52 Lt	476+49 Lt	493+39 Rt	503+95 Rt
530+35 Lt	538+27 Lt	566+25 Rt	571+53 Rt	572+59 Rt	

Item 609.38 Reset Curb Type 1

Station 692+35 – Station 692+90; Middle Island at the intersection of the East Pond Road.

Item 627.619 12" Solid Yellow Pavement Marking

Item 627.733 4" White or Yellow Painted Pavement Marking

Item 627.75 White or Yellow Pavement and Curb Marking

At each intersection with turning lanes or other assorted pavement markings, the contractor will be responsible for re-painting all stripes and markings. Layout control will be the responsibility of the contractor. All stripes and markings will be returned to their existing locations. The following locations are approximate locations that painting and striping will be required:

Station 48+80 to 72+05	Station 101+09 to 105+53
Station 136+60 to 151+64	Station 256+85 to 260+58
Station 294+08 to 296+96	Station 439+01 to 447+46
Station 463+96 to 496+86	Station 543+96 to 561+46
Station 632+76 to 640+16	Station 686+11 to 696+00

These intersections shall have the first coat of paint applied no later than 4 working days after the placement of surface pavement. Inclement weather days will be excluded.

CONSTRUCTION NOTES

Item 627.90 Pavement Painting

See the plan sheet within the typical sections for details of the shape and dimensions of the painted pavement. The location is at the intersection of the Belvedere Road (Station 444+30). The existing shoulders will remain and will be re-painted. The intermediate island will be constructed new utilizing Item 403.1021 Textured Asphalt Pavement.

Item 631.12, 631.172 Rental Items

These items to be used for ditching as directed, removing ledge from ditches as directed, to remove pavement on shoulders that the Department designates for repair and other miscellaneous work.

Item 643.86 Traffic Signal Loop Detector

Prior to paving surface the loops to the automated traffic counter will be replaced in-kind. Station 509+23 Left.