

ADDENDUM #2 – Tuttle Road Improvements, Cumberland

To: All Bidders

From: Town of Cumberland/Gorrill-Palmer Consulting Engineers, Inc.

Date: April 13, 2012

Subject: Tuttle Road Improvements, Cumberland, ME
MaineDOT PINs 18105.00 & 18106.00

CHANGES TO PROJECT PLANS/SPECIFICATIONS

1. Revised Special Provision Section 403
2. Revised Special Provision Section 107
3. Revised Bid Form
4. List of Plan Holders

QUESTIONS RECEIVED FROM CONTRACROTS

Question: Sheet 4 of the plans call out two sanitary manholes to be adjusted to grade (Sta303+49.6 Lt & Sta305+86.1 Lt) but Section 104 of the Specifications clearly states that the Portland Water District shall adjust all their gate valve boxes and sanitary manhole. Please clarify whose responsibility it is to adjust the manholes to the proper grade. There are also sanitary manholes to be adjusted called out on sheets 5/6/7

Response: The contractor will be responsible for adjusting the sanitary manholes.

Question: On Sheet 6, from Station 316+22 Rt to 316+57 Rt (near Willow Lane) there is a 15" Option I pipe called out as aluminum alloy but General Note 31 states that no metal pipe shall be used on the project. Please clarify the pipe type.

Response: No metal pipe shall be used on this project except at the location noted above.

Question: There is a supplemental special provision for Section 656 that calls out in water work at Station 12+30+/- . Would you please clarify where this is located on the project?

Response: Special Provision Section 656 – Note #1 shall be deleted.

Question: General note #55 says that test pits shall be completed prior to ordering drainage structures. How are the test pits being paid for?

Response: An item for test pits has been added to the revised bid form.

Question: The typical sections call for Granular Borrow under the sidewalk in fill sections, how will this be paid?

Response: An item for Granular Borrow has been added to the revised bid form.

Question: On sheet 2, note 25 says that acceptance method shall be method D. In special provision 403, the 9.5 mm wearing course item 403.210 has complimentary note 8 which calls for method B testing. I would think with such a small qty, that method D would be correct? Could you please clarify?

Response: Special Provision Section 403 outlining pavement pay items, depths and etc. shall take precedence over general note # 25. Therefore Method B testing will apply to Item 403.210.

Question: On sheet 2, note 34 says residential entrances shall be 1.25" 9.5 and 1.75" 12.5. In special provision 403 the 403.209 item drives lists depth at 1.5" 9.5 mm. Could you please clarify?

Response: Special Provision Section 403 has been revised.

Question: Will a sidewalk paver be required when paving the sidewalk?

Response: Yes

Question: Item 403.208 – Hot Mix Asphalt 12.5 mm HMA Surface has a bid form quantity of 60 tons. Where is this item to be used? Additionally, item 403.208 is not listed in the special provision section 403 schedule with complimentary notes.

Response: The item will be used to pave pipe trenches, around catch basins and etc. The item has been added to the revised Special Provision 403.

Question: The plans note to restripe all existing crosswalks. There is no pay item for white or yellow pavement marking listed in the schedule of items. Is the restriping of crosswalks to be considered incidental?

Response: The bid form has been revised to include item 627.75

Question: Special Provision Section 403 Hot Mix Asphalt – Tack Coat states "A tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement ...". The schedule of items does not have item 409.15 listed. Is tack coat incidental to the pavement items?

Response: The bid form has been revised to add item 409.15.

Question: Schedule of items number 603.17 – 18” Culvert Pipe Option I and item number 603.179 – 18” Culvert Pipe Option III each have a bid quantity of 40 linear feet. We do not find any 18” pipe on the plans. Where are the 18” pipe items to be used?

Response: The Bid Form has been revised and is attached.

Question: In the schedule of values you have Item #608.08 “REINFORCED CONCRETE SIDEWALK” listed but I am unable to see where any is called out in the plans and you do not show a detail for concrete walks on Sheet 2 of the plans. Would you clarify where they are located please?

Response: This item is for the ADA ramps.

Question: Should the bid bond be to the MaineDOT or the Town of Cumberland?

Response: The Town of Cumberland.

Question: Will the Town consider extending the completion date?

Response: Per the attached revised special provision 107.

Question: Can you send out a list of plan holders?

Response: A list of current plan holders is attached.

ATTACHMENTS

Revised Bid Form
Special Provision 107
Special Provision 403
List of Plan Holders

End of Addendum #2

SPECIAL PROVISIONS
SECTION 107
SCHEDULE OF LIQUIDATED DAMAGES

107 Schedule of Liquidated Damages: This subsection shall be amended to read that the Liquidated Damages be \$1,000.00 per calendar day.

107.7.2 Schedule of Liquidated Damages: This subsection shall be amended to read that Liquidated Damages shall be \$1,000.00 per day that the project is not complete after August 15, 2012.

SPECIAL PROVISION
SECTION 107
TIME

The specified contract completion date is August 15, 2012.

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT

Desc. Of Course	Grad Design.	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
<u>1.5" HMA Overlay</u>						
<u>Mainline Travelway, Shoulders</u>						
Wearing	9.5 mm	403.210	N/A	1.5"	1	4,8
Shim	9.5 mm	403.211	N/A	variable	1/more	2,4,10,11
Base	12.5 mm	403.208	N/A	variable	1/more	2,3,10
<u>Drives, Etc.</u>						
Wearing	9.5 mm	403.209	N/A	1.5"	1	2,3,11, 12,14,18
Base	12.5 mm	403.209	N/A	1.75"	1	2,3,12,18
<u>Sidewalks</u>						
Wearing	9.5 mm	403.209	N/A	1"	1	2,3,11,12,14,18
Base	12.5 mm	403.209	N/A	1.5"	1	2,3,12,18,

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 **75 gyrations.**
8. Section 106.6 Acceptance, (2) Method B.
10. Section 106.6 Acceptance, (2) Method D.
11. A "FINE" 9.5 mm mix with a gradation above or through the restricted zone shall be used for this item.
12. A mixture meeting the gradation of 12.5 mm hot mix asphalt will be used by the contractor as requested by the engineer, but will be paid under the pay item 403.209.
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.
18. The Agency administering the contract will provide a NETTCP certified inspector qualified to accept or reject any HMA based on a visual basis, either prior to its use, during placement, or in its final disposition. Mixtures exceeding the minimum 275 degree (F) lower limit or the 325 degree (F) upper limit will be rejected from the project. Informational mix samples may be obtained by the Agency at any time for verification of material properties. All HMA mixtures shall be sourced from one approved JMF, per type of mix. The Agency administering the contract shall submit a letter of acceptance at the completion of the contract certifying that all work and materials were inspected and found to be acceptable to the Agency.

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.

Cleaning objectionable material from the pavement and furnishing and applying Item 409.15 bituminous material to joints and contact surfaces is incidental.

BID FORM - TUTTLE ROAD
CUMBERLAND, MAINE

4-13-12

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
201.111	LS	CLEARING @ _____				
	1	Lump Sum				
201.23	EA	REMOVING SINGLE TREE TOP ONLY @ _____				
	2	Per Each				
201.24	EA	REMOVING STUMP @ _____				
	2	Per Each				
202.203	SY	PAVEMENT BUTT JOINTS @ _____				
	930	Per Square Yard				
203.2	CY	COMMON EXCAVATION @ _____				
	790	Per Cubic Yard				
203.25	CY	GRANULAR BORROW @ _____				
	50	Per Cubic Yard				
206.07	CY	STR ROCK EXC - DR & MINOR STR @ _____				
	25	Per Cubic Yard				
211.3	LF	DITCH EXCAVATION @ _____				
	400	Per Linear Foot				
304.1	CY	AGGR SUBB COURSE - GRAVEL @ _____				
	840	Per Cubic Yard				
403.208	T	HOT MIX ASPHALT 12.5 MM HMA SURFACE @ _____				
	60	Per Ton				
403.209	T	HOT MIX ASPHALT 9.5 MM HMA (INCID.) @ _____				
	310	Per Ton				

BID FORM - TUTTLE ROAD
CUMBERLAND, MAINE

4-13-12

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
403.210	T	HOT MIX ASPHALT 9.5 MM HMA @ _____				
	570	Per Ton				
403.211	T	HOT MIX ASPHALT (SHIM) @ _____				
	250	Per Ton				
409.15	G	BITUMINOUS TACK COAT - APPLIED @ _____				
	710	Per Gallon				
603.132	LF	8" CULV PIPE OPTION III @ _____				
	20	Per Linear Foot				
603.15	LF	12" CULV PIPE OPTION I @ _____				
	50	Per Linear Foot				
603.159	LF	12" CULV PIPE OPTION III @ _____				
	30	Per Linear Foot				
603.16	LF	15" CULV PIPE OPTION I @ _____				
	85	Per Linear Foot				
603.169	LF	15" CULV PIPE OPTION III @ _____				
	30	Per Linear Foot				
603.199	LF	24" CULV PIPE OPTION III @ _____				
	85	Per Linear Foot				
604.072	EA	CATCH BASIN TYPE A1-C @ _____				
	7	Per Each				
604.15	EA	MANHOLE @ _____				
	2	Per Each				

BID FORM - TUTTLE ROAD
CUMBERLAND, MAINE

4-13-12

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
604.18	EA	ADJUST MANHOLE OR CB TO GRADE @ _____				
	6	Per Each				
604.245	EA	CATCH BASIN TYPE F4-C @ _____				
	2	Per Each				
604.247	EA	CATCH BASIN TYPE F5-C @ _____				
	6	Per Each				
604.249	EA	CATCH BASIN TYPE F6-C @ _____				
	2	Per Each				
605.09	LF	6" UNDERDRAIN TYPE B @ _____				
	80	Per Linear Foot				
605.12	LF	15" UNDERDRAIN TYPE C @ _____				
	1,150	Per Linear Foot				
605.13	LF	18" UNDERDRAIN TYPE C @ _____				
	130	Per Linear Foot				
608.08	SY	REINFORCED CONCRETE SIDEWALK @ _____				
	40	Per Square Yard				
608.26	SF	CURB RAMP DETECTABLE WARNING FIELD @ _____				
	70	Per Square Foot				
609.11	LF	VERT CURB TYPE 1 - 12 INCH REVEAL @ _____				
	75	Per Linear Foot				
609.12	LF	VERT CURB TYPE 1- CIRCULAR @ _____				
	160	Per Linear Foot				

BID FORM - TUTTLE ROAD
CUMBERLAND, MAINE

4-13-12

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
609.2371	EA	TERMINAL CURB TYPE 1- 7 FT - CIRCULAR @ _____				
	10	Per Each				
609.26	EA	CURB TRANSITION SECT B-TYPE 1 @ _____				
	4	Per Each				
609.31	LF	CURB TYPE 3 @ _____				
	2,560	Per Linear Foot				
610.08	CY	PLAIN RIPRAP @ _____				
	42	Per Cubic Yard				
613.319	SY	EROSION CONTROL BLANKET @ _____				
	300	Per Square Yard				
615.0702	SY	LOAM, SEED & MULCH @ _____				
	3,800	Per Square Yard				
619.1401	CY	EROSION CONTROL MIX @ _____				
	100	Per Cubic Yard				
626.11	EA	PRECAST CONCRETE JUNCTION BOX @ _____				
	3	Per Each				
626.22	LF	NON-METALLIC CONDUIT @ _____				
	325	Per Linear Foot				
627.711	LF	WH OR YELL PAINT PVMT MRK LINE (PL QUA @ _____				
	8,700	Per Linear Foot				
627.75	SF	WHITE OR YELLOW PVMT AND CURB MARK @ _____				
	1,300	Per Square Foot				
643.86	EA	TRAFFIC SIGNAL LOOP DETECTORS @ _____				
	1	Per Each				

BID FORM - TUTTLE ROAD
CUMBERLAND, MAINE

4-13-12

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
652.36	LS	WORK ZONE TRAFFIC CONTROL @ _____				
	1	Lump Sum				
652.38	HR	FLAGGER @ _____				
	1,000	Per Hour				
656.75	LS	TEMP. SOIL EROS. AND WATER POLL. CONTR @ _____				
	1	Lump Sum				
659.1	LS	MOBILIZATION @ _____				
	1	Lump Sum				
801.03	EA	TEST PITS @ _____				
	5	Per Each				

TOTAL AMOUNT OF BASE BID, WRITTEN AND IN FIGURES BASED ON ESTIMATE OF QUANTITIES.	

	TOTAL COST

\$100 / Set
\$15 S / H

Plan Holders List - JN 2533
Tuttle Road Improvements
Cumberland, ME

Mandatory Pre-Bid: April 6 - 8:30AM
@ Cumb Town Hall
Bids Due: April 17 - 11AM

Pkg. #	Company Name	Contact Name	Address	Phone	Fax	Cell	Email
1	Gorrill-Palmer	Ralph Norwood	PO Box 1237 15 Shaker Road Gray, ME 04039-1237	657-6910	657-6912	415-0917	rnorwood@gorrillpalmer.com
2	Town of Cumberland	Bill Shane	290 Tuttle Road Cumberland, ME 04021	829-2205	829-2224		wshane@cumberlandmaine.com
3	Shaw Brothers Construction	Bob Brady	PO Box 69 Gorham, ME 04038-0069	839-2552	839-6239		bbrady@shawbrothers.com
4	DDI Earthworks, LLC	Joe Duchaine Chris Duchaine	PO Box 369 Gorham, ME 04038-0369	839-2631			ddihomes3@aol.com chrisDDDI@yahoo.com
5	Glidden Excavating & Paving, Inc.	Steve Piela	326 New Portland Road Gorham, ME 04038	856-9990	856-9998		steve@gliddenpaving.com
6	A.H. Grover, Inc.	Polly Sewall	PO Box 307 Cumberland, ME 04021-0307	829-3393	829-5502	400-7496	polly@ahgroverinc.com
7	Storey Bros.	Rob Storey	215 Middle Road Cumberland, ME 04021	829-4282	829-4224	807-4004	robsto@maine.rr.com
8	T-Buck Construction	Mark McPheters	249 Merrow Road Auburn, ME 04210	783-6223	782-5166		mark@tbuckcon.net
9	Pratt & Sons, Inc.	Josh Pratt Art Burgess Greg Savona	PO Box 236 Mechanic Falls, ME 04256	345-3311	345-3313		prattsons@hughes.net art@prattandsons.net

\$100 / Set
\$15 S / H

Plan Holders List - JN 2533
Tuttle Road Improvements
Cumberland, ME

Mandatory Pre-Bid: April 6 - 8:30AM
@ Cumb Town Hall
Bids Due: April 17 - 11AM

		Dan Ward					
10	Off Road Construction, Inc.	Ben Pratt	110 Harris Road Minot, ME 04258	345-3444	345-9217		bpoffroad@aol.com
11	Dearborn Bros. Construction	Lindsay Dearborn	999 Narragansett Trail Buxton, ME 04093	839-2272	929-8812		dearbornlidd@securespeed.us
12	St. Laurent & Sons Excav. Inc.	Matt Callahan	20 Highland Spring Road Lewiston, ME 04240	784-7944	784-6592		matt@stlaurentandson.com
13	E.J. Prescott	Kris Arsenault	530 Warren Avenue Portland, ME 04103	582-2006	582-7747	735-7723	kris.arsenault@ejprescott.com
14	Scott Dugas Trucking & Excav	Nelson	387 East Elm Street Yarmouth	846-9917	846-6019		nelson@scottdugas.com
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