



Paul R. LePage
GOVERNOR

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

David Bernhardt
COMMISSIONER

May 17, 2012
Subject: **Topsham, Lisbon & Brunswick**
Federal Project No: AC-NH-1908(000)E,
NH-1910(100)X & AC-NH-1912(300)E
State WIN: 019080.00, 019101.00 &
019123.00
Amendment No. 1

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book (pages 4 thru 7) **REMOVE** the "SCHEDULE OF ITEMS" 4 pages dated 120425 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 5 pages dated 120517.

In the Bid Book (pages 65 and 66) **REMOVE** the "CONSTRUCTION NOTES" for WIN 19123.00, 2 pages dated April 11, 2012 and **REPLACE** with the attached new "CONSTRUCTION NOTES" for WIN 19123.00, 3 pages dated May 16, 2012.

In the Bid Book (pages 149 and 150) **REMOVE** "SPECIAL PROVISIONS, SECTION 643, TRAFFIC SIGNALS" 2 pages dated April 11, 2012 and **REPLACE** with the attached new "SPECIAL PROVISIONS, SECTION 643, TRAFFIC SIGNALS" 2 pages dated May 16, 2012

Consider these changes and information prior to submitting your bid on May 23, 2012.

Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 1

SCHEDULE OF ITEMS

DATE: 120517

REVISED:

CONTRACT ID: 019080.00

PROJECT(S): AC-NH-1908(000)E

NH-1910(100)

AC-NH-1912(300)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	133300.000 SY				
0020	202.203 PAVEMENT BUTT JOINTS	590.000 SY				
0030	202.205 RUMBLE STRIPS - SHOULDER	840.000 LF				
0040	203.242 DIRTY BORROW	280.000 CY				
0050	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	7700.000 T				
0060	403.2101 9.5 MM POLYMER MODIFIED HMA	3830.000 T				
0070	403.211 HOT MIX ASPHALT (SHIMMING)	150.000 T				
0080	403.213 HOT MIX ASPHALT 12.5 MM BASE	3300.000 T				
0090	409.15 BITUMINOUS TACK COAT - APPLIED	8110.000 G				

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 2

SCHEDULE OF ITEMS

DATE: 120517

REVISED:

CONTRACT ID: 019080.00

PROJECT(S): AC-NH-1908(000)E

NH-1910(100)

AC-NH-1912(300)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0100	410.151 EMULSIFIED ASPHALT SEALCOAT, APPLIED	54450.000 SY				
0110	424.3331 ASPHALT LOW MODULUS CRACK SEALER, APPLIED	14500.000 LB				
0120	604.167 ALTER CATCH BASIN GRATE TO CASCADE	2.000 EA				
0130	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	10.000 EA				
0140	604.182 CLEAN EXISTING CATCH BASIN AND MANHOLE	53.000 EA				
0150	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	30.000 UN				
0160	619.12 MULCH	30.000 UN				
0170	627.18 12 " SOLID WHITE PAVEMENT MARKING	3400.000 LF				
0180	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	119590.000 LF				
0190	627.744 6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	7090.000 LF				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 019080.00

PROJECT(S): AC-NH-1908(000)E

NH-1910(100)

AC-NH-1912(300)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0200	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	3090.000 SF				
0210	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			
0220	629.05 HAND LABOR, STRAIGHT TIME	50.000 HR				
0230	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40.000 HR				
0240	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	40.000 HR				
0250	639.19 FIELD OFFICE TYPE B	1.000 EA				
0260	643.86 TRAFFIC SIGNAL LOOP DETECTORS	12.000 EA				
0270	652.30 FLASHING ARROW BOARD	5.000 EA				
0280	652.33 DRUM	120.000 EA				
0290	652.34 CONE	350.000 EA				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 019080.00

PROJECT(S): AC-NH-1908(000)E

NH-1910(100)

AC-NH-1912(300)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0300	652.35 CONSTRUCTION SIGNS	4710.000 SF				
0310	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	118.000 CD				
0320	652.38 FLAGGER	4200.000 HR				
0330	652.381 TRAFFIC OFFICER	200.000 HR				
0340	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	10.000 EA				
0350	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0360	659.10 MOBILIZATION	LUMP	LUMP			
	SECTION 0001 TOTAL					.

SECTION 0002 TRAFFIC ITEMS

0370	643.83 VIDEO DETECTION SYSTEM INTERSECTION OF BYPASS DRIVE (ROUTE 24)	LUMP	LUMP			
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SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 019080.00

PROJECT(S): AC-NH-1908(000)E
NH-1910(100)
AC-NH-1912(300)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0380	643.83 VIDEO DETECTION SYSTEM INTERSECTION OF COMMUNITY WAY AND VILLAGE DRIVE	LUMP	LUMP			
	SECTION 0002 TOTAL					
	TOTAL BID					

CONSTRUCTION NOTES

202.202 REMOVING PAVEMENT SURFACE

<u>Station</u>	<u>To</u>	<u>Station</u>
10+00		94+50
30+00		32+50

30+00 to 32+50 is to remove pavement on the shoulders of the Route 24 bridge.

202.203 PAVEMENT BUTT JOINTS

<u>Description</u>	<u>Quantity</u>
Streets	3
Catch Basins	12

203.242 DIRTY BORROW

Dirty borrow shall be used to back up pavement. The contractor will be paid for dirty borrow installed in the following areas to back up pavement. All other areas will be considered incidental to the paving items.

Left Side			Right Side		
<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Station</u>	<u>To</u>	<u>Station</u>
12+84		16+18	25+50		26+63
21+36		31+86	27+70		31+69
42+29		67+90	41+66		67+90
69+41		88+75	69+32		88+92

403.211 HOT MIX ASPHALT (SHIMMING)

Spot shim and delaminated locations to be determined by Resident

604.167 ALTER CATCH BASIN GRATE TO CASCADE GRATE

<u>Station</u>	<u>Side</u>
27+75	Right
89+97	Right

CONSTRUCTION NOTES

604.182 CLEANING EXISTING CATCH BASIN AND MANHOLE

<u>Station</u>	<u>Side</u>	<u>Station</u>	<u>Side</u>
31+09	Left	16+22	Right
67+77	Left	19+02	Right
68+16	Left	20+72	Right
68+46	Left	27+75	Right
68+74	Left	31+09	Right
91+83	Left	38+53	Right
91+83	Left	89+97	Right
		91+83	Right
		91+83	Right

627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING

Crosswalk

Station

95+31
95+36

Hatch Marks

Station

95+31
95+36

Stop Bars

Station

26+63
27+79
68+18
69+01
95+38

Arrows

<u>Type</u>	<u>Quantity</u>
Turn	18
Straight	30
Only	12
Bike	23
Only	23
Lane	23
Diamond	23

Brunswick - Topsham
AC-NH-1912(300)E
19123.00
Route 196
May 16, 2012

CONSTRUCTION NOTES

627.76 TEMPORARY PAVEMENT MARKING LINE WHITE OR YELLOW

Milled surfaces are to be painted before opening to traffic.

643.83 VIDEO DETECTION SYSTEM

Intersection of Community Way and Village Drive
Intersection of Bypass Drive (Route 24)

652.381 TRAFFIC OFFICER

The police department that is utilized for this item shall be given 72 hours notice.

SPECIAL PROVISIONS
SECTION 643
TRAFFIC SIGNALS

The provisions of Section 643 of the Standard Specifications shall apply with the following additions and modifications:

Under 643.021 Materials Add:

Video detection system shall be a Traficon Traficam Video detection system or an approved equivalent. There shall be a minimum of 4 cameras for the intersection of Rt 196 and Village Drive/ Community Way and 3 cameras for the intersection of Rt 196 and Bypass Drive. The system shall include all necessary video interfaces, video cameras, cabinets, power supply, wires, cables, supervisory PC software and all appurtenances and incidentals for a fully functional and operating system.

Video cameras shall be mounted as close as practicable to the center of the approaching lanes. At existing mast arm signal installations the cameras shall be mounted on the mast arms on a 6' riser pole. At existing span wire signal installations cameras shall be mounted utilizing 10 foot luminarie arms secured to the existing span wire poles. The engineer reserves the right to direct the contractor to field adjust the height, either lower or higher, of the vertical extension pipes for local conditions identified during or after construction. No additional costs will be allowed for field adjusting the pipe extensions or rewiring.

All traffic signal impacts during construction shall be mitigated by the contractor. The contractor shall relocate existing traffic signal heads for each construction stage as needed. Traffic signal heads shall align with the corresponding traffic lane. All other impacts, such as, but not limited to, loop detectors shall be mitigated. This work shall be incidental to Item 643.83. All mitigation must be approved by the Resident.

643.19 Basis of Payment Video detection system will be paid for at the contract Unit price per each location, which payment will be full compensation for furnishing and installing all materials, including, but not limited to cameras, controllers, wiring, cable, pole risers, and temporary vehicle detection as required to maintain traffic flow through the intersection during construction and all appurtenances and incidentals required for a complete functioning installation and for furnishing all tools and labor necessary for completing the installation.

Payments will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
643.83 VIDEO DETECTION SYSTEM At Route196 intersection of Village Drive / Community Way	LS
643.83 VIDEO DETECTION SYSTEM At Route196 intersection of Bypass Drive (Route 24)	LS

The **Town of Topsham** has entered into an Agreement with the Maine Department of Transportation to have the Contractor install Video Detection Systems at the intersections specified in the Schedule of Items Category 2 Video Detection Systems on a per intersection basis, within specifications for item 643.83. The **Town of Topsham** shall be notified two weeks in advance as to when this work will take place so their contact person can work with the **Department's** on-site representative for inspection purposes. The contact for the **Town of Topsham** is Dennis Cox, Public Works Director – Town of Topsham

***Special note to contractor for installation of Video Detection Systems:**

The Agreements between the Town of Topsham and the Maine Department of Transportation has an option out clause for the installation of Video Detection Systems on a per intersection basis. The Town of Topsham shall accept or reject the installation of Video Detection Systems on a per intersection basis from the Department's contract within 48 hours of receiving the bid prices from the Department. If, the Town of Topsham elects to opt out of the installation of Video Detection Systems on any or all intersections, the Department will remove that portion of the installation of Video Detection Systems from the project contract. The Contractor then agrees to install Traffic Signal Loop Detectors within specifications for item 643.86.