



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

May 21, 2007
Subject: **Cumberland**
Pin No. 12690.00
Amendment No. 1

Dear Sir/Ms:

Please make the following changes to the Bid Documents:

In the Bid Book, REMOVE in its entirety the existing "Schedule of Items" dated 070430 two pages total and REPLACE with the attached updated "Schedule of Items" dated 070521 two pages total.

REMOVE the existing "Special Provision, Section 502, Structural Concrete, (Fish passage weirs)" dated October 23, 2006, one page total and REPLACE with the attached updated "Special Provision, Section 502, Structural Concrete, (Fish passage weirs)" dated May 21, 2007, one page total.

DELETE the existing "Special Provision, Section 652, Maintenance of Traffic, (Traffic Control)" dated May 12, 2003, one page total and REPLACE with the attached "Special Provision, Section 652, Maintenance of Traffic, (Traffic Control)" dated December 10, 2001, one page total.

REMOVE the existing "Special Provision, Section 656, Temporary Soil Erosion and Water Pollution Control" dated November 14, 2006 one page total and REPLACE with the attached updated "Special Provision, Section 656, Temporary Soil Erosion and Water Pollution Control" dated 12/6/06 two pages total.

The following questions have been received.

Question: It appears that the Special Provision 656 in the book is for a Bath project.



PRINTED ON RECYCLED PAPER

Response: See the attached updated “Special Provision, Section 656, Temporary Soil Erosion and Water Pollution Control” added earlier in this amendment.

Question: There doesn’t seem to be any indication for an in-water work window on this project.

Response: All work is in pipe, so there is no in-water work window needed, any work around the ends is considered maintenance and repair work.

Consider this information and changes prior to submitting your bid on May 23, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Bickford".

Scott Bickford

Contracts & Specifications Engineer

SCHEDULE OF ITEMS

CONTRACT ID: 012690.00

PROJECT(S): 012690.00

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 MAIN ITEMS

0010	203.25 GRANULAR BORROW	10.000 CY				
0020	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	5.000 CY				
0030	502.325 STRUCTURAL CONCRETE CULVERT INVERT LINING	LUMP	LUMP			
0040	502.326 STRUCTURAL CONCRETE - FISH WEIRS	LUMP	LUMP			
0050	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	5050.000 LB				
0060	503.13 REINFORCING STEEL, PLACING	5050.000 LB				
0070	511.07 COFFERDAM: Downstream	LUMP	LUMP			
0080	511.07 COFFERDAM: Upstream	LUMP	LUMP			
0090	610.09 HAND LAID RIPRAP	10.000 CY				
0100	629.05 HAND LABOR, STRAIGHT TIME	30.000 HR				

SCHEDULE OF ITEMS

CONTRACT ID: 012690.00

PROJECT(S): 012690.00

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20.000 HR				
0120	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR				
0130	652.38 FLAGGER	30.000 HR				
0140	652.39 WORK ZONE TRAFFIC CONTROL	LUMP	LUMP			
0150	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0160	659.10 MOBILIZATION	LUMP	LUMP			
	SECTION 0001 TOTAL					
	TOTAL BID					

SPECIAL PROVISION
SECTION 502
STRUCTURAL CONCRETE
(Fish passage weirs)

Section 502, Structural Concrete of the Standard Specifications is amended as follows:

502.03 Materials is revised to read as follows:

Materials shall meet the requirements specified in the following Sections of Division 700 Materials:

Portland Cement and Portland Pozzolan Cement	701.01
Water	701.02
Air Entraining Admixtures	701.03
Water Reducing Admixtures	701.04
Water Reducing, High Range Admixture	701.0401
Set Retarding Admixtures	701.05
Curing Materials	701.06
Water stops	701.07
Smoothed Surfaced Asphalt Roll Roofing (Formerly Heavy Roofing Felt)	701.08
Fly Ash	701.10
Calcium Nitrite Solution	701.11
Silica Fume	701.12
Ground Granulated Blast Furnace Slag	701.13
Fine Aggregate for Concrete	703.01
Coarse Aggregate for Concrete	703.02
Alkali Silica Reactive Aggregates	703.0201
Preformed Expansion Joint Filler	705.01
Bridge Drains	711.04

The fish weirs, including the vertical walls and channel bottom for the entire length between the weirs as shown on the plans shall be formed, cast, and stripped in the conventional manner; shotcrete will not be allowed for the formation of the weirs, vertical walls, or floor between the weirs. Concrete shall meet the requirements of class A concrete in the Specifications.

502.18 Method of Measurement: the first paragraph is revised to read as follows:

A. Structural concrete satisfactorily placed and accepted will be measured by the Lump Sum, in accordance with the dimensions shown on the Plans or authorized changes in the Plans. The accepted quantity of Structural Concrete Fish Weirs will be measured for payment by the Lump Sum.

502.19 Basis of Payment is amended by the addition of the following Pay Item and its associated Pay Unit:

<u>Pay Item</u>		<u>Pay Unit</u>
502.326	Structural Concrete Fish Weirs	Lump Sum (LS)

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC
(Traffic Control)

652.7 Method of Measurement. This entire Subsection is revised to read:
Traffic Control Supervisor, furnishing, installation, and maintenance of all traffic control devices will be measured as one **lump sum** for all work authorized and performed.

652.8 Basis of Payment. This entire Subsection is revised to read:
Traffic Control will be paid for at the contract **lump sum** price. Payment will be full compensation for the Traffic Control Supervisor, approach signs, work area signs, drums, cones, panel markers, barricades, arrow boards etc. and maintenance thereof including the setting up and taking down of lane closures as many times as necessary shall be considered part of the lump sum price.

Maintenance of signs includes: replacing devices damaged, lost, or stolen, and cleaning and moving as many times as necessary throughout the life of the contract, regardless whether the work areas or projects are geographically separated or not separated.

The Lump Sum will be payable in installments as follows: 5% of the Lump Sum once the approach signing is complete and approved, with the 95% balance to be paid as the work progresses at a rate proportional to the percentage completion of the Contract.

Failure by the contractor to follow the Contracts 652 Special Provisions and/or The Manual on Uniform Traffic Control Devices (MUTCD) and/or The Contractors own Traffic Control Plan will result in a reduction in payment, computed by reducing The Lump Sum Total by 5% per occurrence. The Departments Resident or any other representative of The Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item.

All other requirements under the Standard Specifications Section 652 will be a part of the lump sum item.

There will be no extra payment for this pay item after the expiration of contract time.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
652.39 Work Zone Traffic Control	Lump Sum

SPECIAL PROVISION

SECTION 656

Temporary Soil Erosion and Water Pollution Control

The following is added to Section 656 regarding Project Specific Information and Requirements.

Project Specific Information and Requirements

The following information and requirements apply specifically to this Project. The temporary soil erosion and water pollution control measures associated with this work shall be addressed in the SEWPCP.

1. This project is considered **SENSITIVE** in accordance with the BMP Manual. The Contractor's SEWPCP shall comply with Section II.B., Guidelines for Sensitive Waterbodies in the BMP Manual.
2. Newly disturbed earth shall be mulched by the end of each workday. Mulch shall be maintained on a daily basis.
3. The SEWPCP shall describe the location and method of temporary erosion and sediment control for existing and proposed catch basins, outlet areas and culvert inlets and outlets.
4. Stream flow shall be maintained at all times.
5. Dust control items other than those under Standard Specification 637 and Special Provision 637, if applicable, shall be included in the plan.
6. Permanent slope stabilization measures shall be applied within one week of the last soil disturbance.
7. Permanent seeding shall be done in accordance with *Special Provision, Section 618, Seeding* unless the Contract states otherwise.
8. Culvert inlet and outlet protection shall be installed within 48 hours of culver installation, or prior to a storm event, whichever is sooner.
9. The stream shall not directly contact concrete placed during construction until the concrete has been flushed of excess lime and the following has occurred.
 - a) With the cofferdams still in place, water shall be flushed over the concrete to remove excess lime. The flush water may be drawn from the stream provided there is

SPECIAL PROVISION

SECTION 656

Temporary Soil Erosion and Water Pollution Control

adequate flow and provided the **flush water volume is no more than 20% of the stream's flow.**

- b) The flush water shall be collected in a downstream cofferdam or a sedimentation basin.
- c) Monitor the pH of the impounded water within the cofferdam or sedimentation basin until the pH factor is between 6.0 and 8.5 and is within one pH unit of background pH levels in the stream (away from where work is taking place).
- d) The impounded water may be bled back into the stream as long as its turbidity is no greater than the receiving resource and resulting stream pH downstream of the release is between 6.0 and 8.5 and within one pH unit of background stream pH. **The flow rate back into the stream cannot exceed 20% of the stream flow.**
- e) This requirement is applicable to concrete that is placed or spilled (including leakage from forms) as well as indirect contact via tools or equipment. Water not meeting release criteria shall be addressed in the SEWPCP. Discharging impounded water to the stream must take place in a manner that does not disturb the stream bottom or cause erosion.

This monitoring and release to the stream protocol also pertains all water within the cofferdams.

10. A cofferdam sedimentation basin is required if cofferdams are used. The basin shall be located in an upland area where the water can settle and sink into the ground or be released slowly to the resource in a manner that will not cause erosion. The location of such a cofferdam sedimentation basin shall be addressed in the SEWPCP.