

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

DAVID A. COLE

COMMISSIONER

August 14, 2007

Subject: Hermon, Veazie, Orono and the cities of Bangor and Old Town

Project No's: IM-1292(600)E, IM-1294(200)E

& IM-95-1294(900)E

Pin No's: 012926.00, 012942.00 & 012949.00

Amendment No. 3

Dear Sir/Ms:

Please make the following changes to the Bid Documents:

In the Bid Book, REMOVE the existing: "Schedule of Items" dated 070723 eight pages total and REPLACE with the attached updated: "Schedule of Items" dated 070810 eight pages total.

In the "Construction Notes" for Bangor, four pages total, on page three of four (page 36 in the book) DELETE in its entirety: "Item 644.32 Modular Glare Screen" and REPLACE with: "Item 607.421 Screening Fence". Make this change in pen and ink.

In the "General Notes" two pages total on page two of two (page 60 in the book) ADD the following note # 26 "All paving on PIN 012926.00 and 012942.00 shall be considered to be in Zone 2". Make this change in pen and ink.

In the "General Notes" two pages total on page two of two (page 60 in the book) ADD the following note # 27 "Flowable fill may be substituted for Item 304.10 during the back-wall repair of the Broadway overpass". Make this change in pen and ink.

In the "General Notes" two pages total on page two of two (page 60 in the book) ADD the following note # 28 "Traffic control monitoring shall be continuous". Make this change in pen and ink.

ADD the attached: "Special Provision, Section 105, General Scope of Work, Limitations of Operations, Stillwater Avenue Bridge – South Bound" one page total.

REMOVE the existing: "Special Provision, Section 105, General Scope of Work, Limitations of Operation" three pages total (pages 82-84 in the book) and REPLACE with the attached "Special Provision, Section 105, General Scope of Work, Limitations of Operation" dated 08/10/07, two pages total.



REMOVE the existing: "Special Provision, Section 108.9.4, Incentives/Disincentives" dated July 23, 2007, three pages total (pages 89-91 in the book) and REPLACE with the attached updated: "Special Provision, Section 108.9.4, Incentives/Disincentives" dated August 10, 2007, three pages total.

REMOVE the existing: "Supplemental Specification, Section 401, Hot Mix Asphalt Pavement, with Polymer Additive" dated July 23, 2007, one page total (page 133 in the book) and REPLACE with the attached updated: "Supplemental Specification, Section 401, Hot Mix Asphalt Pavement, with Polymer Additive" dated August 10, 2007, one page total.

REMOVE the existing: "Special Provision, Section 502, Structural Concrete, QC/QA Acceptance Methods" dated 7/24/07, one page total (page 142 in the book) and REPLACE with the attached updated: "Special Provision, Section 502, Structural Concrete, QC/QA Acceptance Methods" dated 8/10/07, one page total.

ADD the attached: "Special Provision, Section 526, Concrete Barrier, Temporary Concrete Barrier" one page total.

ADD the attached: "Special Provision, Section 607, Screening Fence" one page total.

The following questions have been received.

Question: There is no Spec. or Detail on Item # 644.32 Modular Glare Screen?

Response: See change made earlier in this amendment.

Question: In the plans on sheet # 2, Note # 13 requires a privacy screen that blocks the drivers view and blocks 90% of light from headlights. Will a 4' tall screen panel on top of a temporary barrier be tall enough?

Response: See change made earlier in this amendment adding Special Provision 607.

Consider these changes and information prior to submitting your bid on August 15, 2007.

Scott Bickford

Contracts & Specifications Engineer

Sincerely, Sull

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 1 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| CONTR | ACTOR : | | | |
|------------|---|-----------------------|---------------|----------------|
| LINE NO | TITEM DESCRIPTION | APPROX. | UNIT PRICE | BID AMOUNT |
| | | AND UNITS | DOLLARS CTS | DOLLARS CTS |
| SECTIO | ON 0001 PROJECT ITEMS | | | |
| 0010 | 201.12 SELECTIVE CLEARING AND THINNING | 0.750 AC | | |
| | 202.202 REMOVING PAVEMENT SURFACE | 410000.000 SY | | |
| | 203.20 COMMON EXCAVATION BROADWAY | 24.000 CY | | |
| 0040 | 203.242 DIRTY BORROW | 575.000 CY | | |
| 0050 | 205.51 WIDENING OF EXISTING SHOULDER | 1800.000 SY | | |
| 0060 | 304.10 AGGREGATE SUBBASE COURSE - GRAVEL BROADWAY | 24.000 CY | | |
| | 403.210 HOT MIX ASPHALT 9.5 MM HMA | 32250.000 T | | |
| 0080 | 403.211 HOT MIX ASPHALT (SHIMMING) | 2800.000 T | | |
| 0090 | 403.213 HOT MIX ASPHALT 12.5 MM HMA BASE | 16000.000 T | | |

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 2 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| CONTRA | ACTOR : | | | |
|------------|---|--------------------------------------|----------------|-----------------------------------|
| LINE NO | l | APPROX. QUANTITY AND UNITS | UNIT PRICE | BID AMOUNT DOLLARS CTS |
| 0100 | 403.324 ROSPHALT 50 HIGH PERFORMANCE RUBBERIZED ASPHALT | 2100.000 T | | |
| | 409.15 BITUMINOUS TACK COAT - APPLIED | 28250.000 G | | |
| | 424.3331 ASPHALT LOW MODULUS CRACK SEALER, APPLIED | 15000.000 LB | | |
| 0130 | 424.3333 LOW MODULUS JOINT SEALER, APPLIED | 195905.000 LF | | |
| | 503.12 REINFORCING STEEL, FABRICATED AND DELIVERED | 3480.000 LB | | |
| 0150 | 503.13 REINFORCING STEEL, PLACING | 3480.000 LB | | |
| 0160 | 504.069 CONCRETE PIPE TIES | 14.000 EA | | |
| | 508.13 MEMBRANE WATERPROOFING | LUMP | LUMP | |
| 0180 | 518.50 REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 7.9 IN. | 3900.000 SF | | |
| 0190 | 518.51 REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 7.9 IN. | 3650.000 SF | | |

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 3 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| LINE | ! | : | APPROX. | UNIT PR | ICE | BID AM | TNUC |
|------|--|-------------------|-------------------------|-----------|-----|-----------|-----------|
| NO | DESCRIPTION | | QUANTITY AND UNITS | DOLLARS | CTS | DOLLARS | CTS |
| 0200 | 518.60 REPAIR OF VERTICAL SURFACES < 7.9 IN. | SF | 1400.000 | | | | |
| | 518.61 REPAIR OF VERTICAL SURFACES > 7.9 IN. | CY | 9.000 | | | | |
| 0220 | 520.22 EXPANSION DEVICE - COMPRESSION SEAL | EA | 16.000 | | | | |
| | 524.30 TEMPORARY STRUCTURAL SUPPORT | EA | 1.000 | | | | |
| | 526.70 TEMPORARY CONCRETE BARRIER | LF | 2000.000 | | | | |
| | 527.34 WORK ZONE CRASH CUSHIONS | UN | 6.000 6.000 | | | | |
| | 603.16 15 INCH CULVERT PIPE OPTION I | LF | 720.000 | | | | |
| | 603.161 15 INCH CORRUGATED METAL PIPE | LF | 19.000 | | | | |
| 0280 | 603.215 36 INCH REINFORCED CONCRETE PIPE CLASS III | LF | 64.000 | | | | |
| 0290 | 603.225 42 INCH REINFORCED CONCRETE PIPE CLASS III | LF | 24.000 | | | | |

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 4 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| LINE | ITEM | APPROX. | UNIT PR | RICE | BID AM | TUUC |
|------|---|----------------------|-----------|-----------|----------------|----------------|
| NO | DESCRIPTION | QUANTITY - | DOLLARS | CTS | DOLLARS | CTS |
| | 603.7418 REMOVE & RELAY 18 INCH CONCRETE PIPE | 8.000 LF | | | | |
| | 604.092 CATCH BASIN TYPE B1-C | 1.000 | | | | |
| | 604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE | 39.000 EA | | | | |
| | 606.1721 BRIDGE TRANSITION - TYPE 1 | 15.000 EA | | | | |
| 0340 | 606.178 GUARDRAIL BEAM | | | | | |
| | 606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL | 10.000 EA | | | | |
| | 606.352 REFLECTORIZED BEAM GUARDRAIL DELINEATORS | | | | | |
| | 606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER | 94.000 EA | | | | |
| 0380 | 606.3581 GUARDRAIL, MODIFY EXISTING TO TYPE 3D | | | | | |
| 0390 | 606.362 GUARDRAIL ADJUSTED | 5500.000 LF | | | | |

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 5 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| LINE | | APPROX. | UNIT PRICE | BID AMOUNT |
|------|---|-------------------------|----------------|-------------|
| NO | DESCRIPTION | QUANTITY AND UNITS | DOLLARS CTS | DOLLARS CTS |
| | 606.363 GUARDRAIL REMOVE AND DISPOSE | 75.000 LF | | |
| | 606.367 REPLACE UNUSABLE EXISTING GUARDRAIL POSTS | 15.000 EA | | |
| | 606.63 THRIE BEAM RAIL BEAM | 50.000 LF | | |
| | 606.79 GUARDRAIL 350 FLARED TERMINAL | 38.000 EA | | |
| 0440 | 606.792 GUARDRAIL 350 MEDIAN TERMINAL SYSTEM FLARED | 9.000 EA | | |
| | 607.421 SCREENING FENCE KENDUSKEAG AVE PIER REHAB | 500.000 LF | | |
| | 609.237 TERMINAL CURB TYPE 1 - 7 FOOT | 6.000 EA | | |
| | 612.06 BITUMINOUS SEALING - BLACK | 650.000 SY | | |
| | 613.319 EROSION CONTROL BLANKET | 6000.000 SY | | |
| | 618.14 SEEDING METHOD NUMBER 2 | 250.000 UN | | |
| 0500 | 619.12 MULCH | 250.000 UN | | |

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 6 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| LINE | | | APPROX. | UNIT PR | ICE | BID AMO | TUUC |
|------|---|-------------------|-----------------------|---------|-----|-----------|-----------|
| NO | DESCRIPTION | 1 | QUANTITY AND UNITS | DOLLARS | CTS | DOLLARS | CTS |
| | 627.18 12 " SOLID WHITE PAVEMENT MARKING | LF | 15500.000 | | | | |
| | 627.72 6 INCH WHITE PAVEMENT MARKING LINE | LF | 304000.000 | | | | |
| | 627.74 6 INCH YELLOW PAVEMENT MARKING LINE | LF | 157000.000 | | | | |
| 0540 | 627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING | SF | 8650.000 | | | | |
| 0550 | 627.77 REMOVING PAVEMENT MARKINGS | SF | 700.000 700.000 | | | | |
| 0560 | 627.781 TEMPORARY 6 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW | | 600000.000 | | | | |
| | 629.05 HAND LABOR, STRAIGHT TIME | HR | 220.000 220.000 | | | | |
| 0580 | 631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR) | HR | 280.000 280.000 | | | | |
| | 631.122 MINI ALL-PURPOSE EXCAVATOR (INCLUDING OPERATOR) | HR | 60.000 | | | | |
| | 631.133 SKID STEER (INCLUDING OPERATOR) | HR | 80.000 | | | | |

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 7 DATE: 070810

REVISED:

SCHEDULE OF ITEMS

CONTRACT ID: 012926.00

PROJECT(S): IM-1292(600)E

| LINE | | APPROX. | UNIT PF | RICE | BID AM | TNUC |
|------|---|-----------------------|---------|-----------|----------------|----------------|
| NO | DESCRIPTION | QUANTITY AND UNITS | DOLLARS | CTS | DOLLARS | CTS |
| | 631.14 GRADER (INCLUDING OPERATOR) | 90.000 HR | | | | |
| | 631.172 TRUCK - LARGE (INCLUDING OPERATOR) | 650.000 HR | | | | |
| | 631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR) | | | | | |
| | 631.22 FRONT END LOADER (INCLUDING OPERATOR) | 90.000 HR | | | | |
| 0650 | 631.52 SIGN CREW | 200.000 HR | | | | |
| 0660 | 639.18 FIELD OFFICE TYPE A | 1.000 EA | | | | |
| | 643.73 TEMPORARY TRAFFIC SIGNAL | 2.000 EA | | | | |
| 0680 | 643.86 TRAFFIC SIGNAL LOOP DETECTORS | 12.000 EA | | | | |
| 0690 | 645.306 FLEXIBLE REFLECTORIZED DELINEATOR | 130.000 EA | | | | |
| 0700 | 652.30 FLASHING ARROW BOARD | 6.000 EA | | | | |

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 8 DATE: 070810

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012926.00 PROJECT(S): IM-1292(600)E

| LINE | I | APPROX. | UNIT PR | RICE | BID AMOUNT | |
|------|---|-----------------------|---------------|---------|------------|-----------|
| NO | DESCRIPTION | QUANTITY AND UNITS | DOLLARS | CTS | DOLLARS | CT |
| | 652.312 TYPE III BARRICADE | 10.000 EA | | | | |
| 0720 | 652.33 DRUM | 700.000 | | | | |
| 0730 | 652.34 CONE | 300.000 EA | | | | |
| | 652.35 CONSTRUCTION SIGNS | 6200.000 SF | | | | |
| | 652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES | 189.000 CD | | | | |
| 0760 | 652.38 FLAGGER | 250.000 HR | | | | |
| | 652.41 PORTABLE - CHANGEABLE MESSAGE SIGN | 10.000 EA | | | | |
| 0780 | 656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL | LUMP | LUMP | | | |
| 0790 | 659.10 MOBILIZATION | LUMP | LUMP | | | |
| | SECTION 0001 TOTAL | | | | | |
| | TOTAL BID | | | | _ | |

SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF WORK (LIMITATIONS OF OPERATIONS)

Stillwater Avenue Bridge – South Bound

- 1. The contractor will be allowed a maximum of 14 calendar days per side to complete all work (concrete deck repairs, Roshpalt 50 high performance rubberized asphalt, and all guardrails) associated with the south bound Stillwater Avenue bridge.
- 2. All concrete deck repairs, Roshpalt 50 high performance rubberized asphalt, and all guardrails associated with the south bound Stillwater Avenue bridge shall be completed by May 18th, 2008.

SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF WORK (LIMITATIONS OF OPERATIONS)

- 1) Permanent lane closures will only be allowed for work related to bridges that require long term lane closures. All other work that requires lane closures shall be done in temporary lane closures as described below.
- 2) <u>Temporary Lane Closures</u> Temporary lane closures will be allowed Sunday night through Friday morning. Monday night through Friday morning lane closures will be allowed from 7:00 pm to 6:30 am. Sunday night through Monday morning lane closures will be allowed from 5:30 pm to 6:30 am. The contractor will be charged \$2,500 for every ½ hour or partial ½ hour that a lane closure is in place contrary to the above limitations. Each violation shall also be considered as a traffic violation under section 652 and subject to penalty.
- 3) Permanent Lane closures for bridge repairs located in the travel (right) lane shall stop short of the related interstate on ramps and off ramps to minimize traffic impacts. Temporary lane closures located in the travel (right) lane shall stop short of interstate on ramps when possible to minimize traffic impacts.
- 4) The contractor will be allowed to work 24 hours a day, seven days a week in permanent lane closures provided all night work related specifications are met.
- 5) Lane closures shall be set up as stated in the Special Provision 652, Traffic Control Guidelines.
- 6) The work on the Joshua Chamberlain Bridge may be completed at any time prior to June 27, 2008 provided that the contractor makes a request a minimum of 2 weeks in advance of the specified date they plan to begin work and that the date requested is approved by the MDOT and cities of Bangor and Brewer.
- 7) Permanent lane closures that are set up in the travel (right) lane for bridge related work shall be limited to the minimum length required to complete the work related to the bridge. During bridge work, the contractor may extend permanent lane closures with approval from the Department to allow for pavement removal, guardrail work, rental work, and paving.
- 8) All guardrail, pipe and rental items shall be completed in an area prior to the contractor commencing milling and paving operations in that area unless otherwise approved by the Department.

- 9) The contractor will not be allowed to run traffic on milled pavement. The 1½" base course of HMA shall be paved in conjunction with the milling. The 1¼" surface course of HMA shall be paved the next day.
- 10) All ramp work will be done between the hours of 8:00 PM and 5:30 AM. Unauthorized ramp closures outside of these requirements shall result in liquidated damages at the rate of \$2,500 per calendar day. Each violation shall also be considered as a traffic violation under section 652 and subject to penalty.
- 11) Ramps that have closures and detours associated with them shall have all work completed during these times.
- 12) If lane closures on Broadway are required for bridge work, closures shall be erected between the hours of 8:00 PM and 5:30 AM. Unauthorized lane closures outside of these requirements shall result in liquidated damages at the rate of \$2,500 per calendar day. Each violation shall also be considered as a traffic violation under section 652 and subject to penalty.
- 13) The contractor's traffic control plan shall discuss/address ways to minimize impact to the traveling public.
- 14) The contractor will not be allowed to have any lane closures on the following days in addition to other contract requirements: May 23, 24, 25 and 26, 2008.
- 15) Should the contract completion extend beyond the required date of June 27, 2008 the contractor will not be allowed to work between the dates or June 28 thru July 6 inclusive or during the week of the Bangor Fair.
- 16) All work schedule changes must be submitted for approval to the Department a minimum of 10 calendar days prior to the requested change.

IM-1292(600)E Hermon-Bangor IM-1294(200)E Bangor August 10, 2007

SPECIAL PROVISION <u>SECTION 108.9.4</u> Incentives/Disincentives

108.9.4 Incentives/Disincentives

<u>Physical Work completed before October 15, 2007.</u> The Contractor shall be awarded an incentive bonus of **\$40,000** for getting all bridge joints, all concrete deck repairs, all ROSHPALT 50 high performance rubberized asphalt, and all guardrails associated with the Broadway overpass bridges Northbound and Southbound and the Pier Rehabilitation for Kenduskeag Stream Bridge .

Failure to complete Physical Work before October 15, 2007. If all work associated with getting all bridge joints, all concrete deck repairs, all ROSHPALT 50 high performance rubberized asphalt, and all guardrail associated with the Broadway overpass bridges Northbound and Southbound and the Pier Rehabilitation for Kenduskeag Stream Bridge is not completed in the Northbound and Southbound lanes then the contractor shall be assessed a disincentive penalty in the amount of \$20,000. Assessment of Disincentives may be deducted from any monies due, or to become due, the Contractor.

The Department will be the sole authority in determining when the Physical Work is complete.

Adjustments for Incentives/Disincentives. Delays due to extenuating circumstances beyond the control of the Contractor, in accordance with Standard Specification Section 109.5, Adjustments for Delay, will be the sole consideration when making time-related adjustments for Incentives/Disincentives. There will be no adjustments in time due to work overruns. If quantities overrun, the contractor shall adjust his work force and schedules to meet the above dates.

IM-1292(600)E Hermon-Bangor IM-1294(200)E Bangor August 10, 2007

SPECIAL PROVISION <u>SECTION 108.9.4</u> Incentives/Disincentives

108.9.4 Incentives/Disincentives

<u>Physical Work completed before November 17, 2007.</u> The Contractor shall be awarded an incentive bonus of \$50,000 for getting all work completed in the Northbound Lanes including all on and off Ramps associated with the Northbound.

<u>Failure to complete Physical Work before November 17, 2007.</u> If the Contractor does not complete all work in the Northbound Lanes including all on and off Ramps associated with the Northbound then the contractor shall be assessed a disincentive penalty in the amount of **\$25,000**. Assessment of Disincentives may be deducted from any monies due, or to become due, the Contractor.

The Department will be the sole authority in determining when the Physical Work is complete.

Adjustments for Incentives/Disincentives. Delays due to extenuating circumstances beyond the control of the Contractor, in accordance with Standard Specification Section 109.5, Adjustments for Delay, will be the sole consideration when making time-related adjustments for Incentives/Disincentives. There will be no adjustments in time due to work overruns. If quantities overrun, the contractor shall adjust his work force and schedules to meet the above dates.

SPECIAL PROVISION <u>SECTION 108.9.4</u> Incentives/Disincentives

108.9.4 Incentives/Disincentives

<u>Physical Work completed before November 17, 2007.</u> The Contractor shall be awarded an incentive bonus of \$40,000 for getting all work completed in the Southbound lanes associated with bridge joints, concrete deck repairs, ROSHPALT 50 high performance rubberized asphalt, and all guardrails associated with bridges.

<u>Failure to complete Physical Work before November 17, 2007.</u> If all work associated with bridge joints, concrete deck repairs, ROSHPALT 50 high performance rubberized asphalt, and all guardrails associated with the bridges in the Southbound Lanes is not completed then the contractor shall be assessed a disincentive penalty in the amount of **\$20,000**. Assessment of Disincentives may be deducted from any monies due, or to become due, the Contractor.

The Department will be the sole authority in determining when the Physical Work is complete.

Adjustments for Incentives/Disincentives. Delays due to extenuating circumstances beyond the control of the Contractor, in accordance with Standard Specification Section 109.5, Adjustments for Delay, will be the sole consideration when making time-related adjustments for Incentives/Disincentives. There will be no adjustments in time due to work overruns. If quantities overrun, the contractor shall adjust his work force and schedules to meet the above dates.

SUPPLEMENTAL SPECIFICATION SECTION 401 HOT MIX ASPHALT PAVEMENT (with Polymer Additive)

The following subsections of Special Provision 401 – Hot Mix Asphalt Pavement with Polymer Additive have been modified to include the following:

401.06 Weather and Seasonal Limitations

The Contractor may place Hot Mix Asphalt Pavement with Polymer Additive in Zone 2 (all work required on PIN 12926.00 and 12942.00 shall be considered in Zone 2) between the dates of April 1st and the Saturday following November 3rd, provided the air temperature determined is 10°C [50°F] or higher, and the bridge deck surface temperature is 7°C [45°F] or higher.

<u>401.11 – Preparation of Existing Surfaces.</u>

Replace the sentence "Areas where rapid setting patching.... prior to applying the Rosphalt 50." with "Areas where rapid setting patching materials have been placed (concrete that has been modified with additives to accelerate the curing process shall be classified as rapid setting patching material) shall be cured for a minimum of 72 hours or longer when recommended by the polymer modifier manufacturer prior to applying the Rosphalt 50."

401.20 – Acceptance: Correction of Deficiencies.

A representative of the polymer modifier manufacturer shall be present, at no additional cost to the Department, at all times during the production and placement of the modified asphalt material and compaction operations. If the contractor demonstrates adequate proficiency in the production and placement of the polymer modified asphalt material the Department may require a representative of the manufacturer once every 2 weeks.

401.15 Spreading and Finishing

The Contractor shall place the entire travel lane and shoulder wearing surface layer over the base layer the same day. A tack coat is not required between the pavement layers if the base and surface layers of pavement are placed the same working day, unless the base layer surface becomes contaminated with materials that would reduce bond between layers, or the base layer surface temperature falls below 27°C [50°F].

SPECIAL PROVISION <u>SECTION 502</u> STRUCTURAL CONCRETE

(QC/QA Acceptance Methods)

| CLASS OF | ITEM | DESCRIPTION | P | METHOD |
|----------|--------|--|-------|--------|
| CONCRETE | NUMBER | | | |
| A | 518.50 | Repair of Upward Facing Surfaces | \$400 | A |
| | | To Reinforcing Steel < 7.9 inches | | |
| A | 518.51 | Repair of Upward Facing Surfaces | \$400 | A |
| | | Below Reinforcing Steel < 7.9 inches | | |
| A | 518.60 | Repair of Vertical Surfaces < 7.9 inches | \$400 | A |
| A | 518.50 | Repair of Vertical Surfaces > 7.9 inches | \$400 | A |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

P values listed above reflect the price per cubic meter (yd³) for all pay adjustment purposes.

Section 502.05 is modified by the following:

Requirements for maximum cement content of 635 lbs/cy and maximum cementitious material of 660 lbs/cy is waived for concrete that is used in areas to be covered by Rosphalt 50.

Concrete that is modified to decrease the minimum length of time that it must be in place prior to the placement of Rosphalt 50 shall meet a minimum compressive strength of 3480 psi at the time of coverage. Documentation of cylinder breaks shall be provided to the Department prior the placement of Rosphalt 50.

SPECIAL PROVISION <u>SECTION 526</u> CONCRETE BARRIER (Temporary Concrete Barrier)

 $\underline{\text{Materials}}$ The connecting pin shall be 1 $\frac{1}{8}$ " in [28.58 mm] in diameter with a nut and washer connection.

SPECIAL PROVISION SECTION 607 Screening Fence

<u>Description.</u> This work shall consist of furnishing, installing maintaining, and adjusting a 4' tall privacy screen located on top of the temporary concrete barrier. Screening fence shall be used along Interstate 95 during the Kenduskeag Avenue pier rehabilitation as described on plan sheet 2 of 9 in note 13. The purpose of the privacy screen is to block the driver's view of the construction area. The gap in the privacy screen at the joints between the temporary concrete barriers shall be kept to a minimum. The privacy screen shall have adequate strength and a solid connection to the temporary concrete barrier that shall be approved by the resident.

<u>Method of Measurement.</u> Screening fence shall be measured for payment per linear foot.

<u>Basis of Payment.</u> The accepted quantity of screening fence will be paid for at the contract unit price of linear foot, which payment will be full compensation for furnishing, installing, maintaining, adjusting, and including all labor, equipment, materials and incidentals necessary to complete the work, accepted in place.

Payment will be made under:

Pay Item 607.421 Screening Fence Pay Unit Linear Feet