



JOHN ELIAS BALDACCI  
GOVERNOR

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

DAVID A. COLE  
COMMISSIONER

June 2, 2009  
Subject: **Wallagrass**  
Maine State Project No's: STP-1277(200)X  
& BR-1510(900)X  
State Pin No's: 012772.00 & 015109.00  
**Amendment No. 1**

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (page 4 -14) **REMOVE** the "Schedule of Items" 11 pages dated 090511, and **REPLACE** with the attached new "Schedule of Items" 11 pages dated 090602.

In the Bid Book (pages 71 & 72) **REMOVE** "SPECIAL PROVISION, SECTION 304, AGGREGATE BASE AND SUBBASE COURSE", 2 pages dated May 8, 2009 and **REPLACE** with the attached new "SPECIAL PROVISION SECTION 304, (Aggregate Base and Subbase Course)", 2 pages dated May 28, 2009

In the Plans, Sheet Number 10 of 168, **ADD** the following General Note:  
**"46. FURNISHING AND PLACING GRANULAR MATERIAL NECESSARY TO MAINTAIN TRAFFIC IN A CUT SECTION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT."**

In the Plans, **REMOVE** SHEET NUMBER B-1 of B38 and **REPLACE** it with the attached new (signed and stamped) SHEET NUMBER B-1 of B38.

In the Plans, **REMOVE** SHEET NUMBER B-2 of B38 and **REPLACE** it with the attached new (signed and stamped) SHEET NUMBER B-2 of B38.

In the Plans, SHEET NUMBER B-3 of B38, station 124+45 +/- Left. **DELETE**, in its entirety, the note that begins; "Install Twisted End Section & 25 LF ..." and **INSERT** the following note; "**A terminal end (Item 609.237) is used at the end of the remaining radius Guardrail**". Make this change in pen and ink.

In the Plans, SHEET NUMBER B-4 of B38, station 128+90 +/- Left. **DELETE**, in its entirety, the note that begins; "Install Twisted End Section & 25 LF ..." and **INSERT** the following note; "**Install a single 12.5' straight section of type 3d guardrail (item 606.24) and a terminal end (item 609.237).**" Make this change in pen and ink.

The following questions have been received:



PRINTED ON RECYCLED PAPER

**Question:** Can we leave, and bury in place, the existing house foundations that need to be demolished on this project?

**Response:** The foundations can be buried on – site, all remains of the concrete foundation need to be below grade of the surrounding area by two feet and should have cover of two feet of good excavation material.

**Question:** How does the state want to address abandoning the existing sewer systems that are attached to the houses that need to be demolished?

**Response:** The septic systems are part of the house and should be pumped out and then can be buried on – site.

**Question:** In the Special Provision for item 403 (Hot Mix Asphalt) on the Bridge section (BR-1510(900)X) of the above referenced project, it states that both the wearing course and the base course of the bridge deck is to be 9.5mm HMA to be paid under 403.210. There is no item 403.210 in the Schedule of Items. Should this item be added to the schedule of items or should we carry the cost of the paving the bridge deck in items already in the schedule of items?

**Response:** Item 403.210 has been added to the Schedule of items. Please refer to the attached updated Schedule of Items.

**Question:** Reference Item 606.621 – Modify Existing Twisted End, what modifications are needed?

**Response:** Item 606.621 was deleted in this amendment, please see the above pen and ink change.

Consider these changes and information prior to submitting your bid on June 3, 2009.

Sincerely,



Scott Bickford  
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 012772.00

PROJECT(S): STP-1277(200)X

BR-1510(900)X

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	201.11 CLEARING	1.800 AC				
0020	201.23 REMOVING SINGLE TREE TOP ONLY	5.000 EA				
0030	202.08 REMOVING BUILDING NO.: 1	LUMP	LUMP			
0040	202.08 REMOVING BUILDING NO.: 2	LUMP	LUMP			
0050	202.08 REMOVING BUILDING NO.: 3	LUMP	LUMP			
0060	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
0070	203.20 COMMON EXCAVATION	61125.000 CY				
0080	203.21 ROCK EXCAVATION	16010.000 CY				
0090	203.2312 HEALTH AND SAFETY PLAN	LUMP	LUMP			
0100	203.2333 DISPOSAL OF SPECIAL EXCAVATION	100.000 T				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	203.242 DIRTY BORROW	1000.000 CY				
0120	203.25 GRANULAR BORROW	3200.000 CY				
0130	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	25.000 CY				
0140	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	25.000 CY				
0150	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	1350.000 CY				
0160	206.092 STRUCTURAL ROCK EXCAVATION - MAJOR STRUCTURES	3450.000 CY				
0170	304.13 DENSE GRADED CRUSHED AGGREGATE SUBBASE	33230.000 CY				
0180	310.24 PLANT MIX RECYCLED ASPHALT PAVEMENT - 4 INCH DEPTH	39050.000 SY				
0190	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	3460.000 T				
0200	403.209 HOT MIX ASPHALT 9.5 MM HMA (SIDEWALKS, DRIVES, INCIDENTALS)	725.000 T				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	403.210 HOT MIX ASPHALT 9.5 MM HMA	38.000 T				
0220	403.211 HOT MIX ASPHALT (SHIMMING)	1560.000 T				
0230	403.213 HOT MIX ASPHALT 12.5 MM BASE	4014.000 T				
0240	409.15 BITUMINOUS TACK COAT - APPLIED	3180.000 G				
0250	411.12 CRUSHED STONE SURFACE	10.000 T				
0260	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP	LUMP			
0270	502.229 STRUCTURAL CONCRETE ABUTMENTS AND RETAINING WALL UNDER WATER	LUMP	LUMP			
0280	502.31 STRUCTURAL CONCRETE APPROACH SLABS	LUMP	LUMP			
0290	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALK	LUMP	LUMP			
0300	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	38700.000 LB				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0310	503.13 REINFORCING STEEL, PLACING	38700.000 LB				
0320	507.0811 STEEL BRIDGE RAILING, 2 BAR	LUMP	LUMP			
0330	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP	LUMP			
0340	510.10 SPECIAL DETOUR _____ ROADWAY WIDTH VEHICULAR & PEDESTRIAN TRAFFIC NOT SEPARATED 16'	LUMP	LUMP			
0350	511.07 COFFERDAM: ABUTMENT NO. 1	LUMP	LUMP			
0360	511.07 COFFERDAM: ABUTMENT NO. 2	LUMP	LUMP			
0370	512.081 FRENCH DRAINS	LUMP	LUMP			
0380	514.06 CURING BOX FOR CONCRETE CYLINDERS	1.000 EA				
0390	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP	LUMP			
0400	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0410	526.34 PERMANENT CONCRETE TRANSITION BARRIER	4.000 EA				
0420	527.34 WORK ZONE CRASH CUSHIONS	4.000 UN				
0430	535.60 PRESTRESSED STRUCTURAL CONCRETE SLAB	LUMP	LUMP			
0440	603.04 4" PVC DRAIN SERVICE	46.000 LF				
0450	603.15 12 INCH CULVERT PIPE OPTION I	36.000 LF				
0460	603.159 12 INCH CULVERT PIPE OPTION III	220.000 LF				
0470	603.16 15 INCH CULVERT PIPE OPTION I	1092.000 LF				
0480	603.17 18 INCH CULVERT PIPE OPTION I	1274.000 LF				
0490	603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III	335.000 LF				
0500	603.179 18 INCH CULVERT PIPE OPTION III	100.000 LF				
0510	603.18 21 INCH CULVERT PIPE OPTION I	463.000 LF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0520	603.19 24 INCH CULVERT PIPE OPTION I	114.000 LF				
0530	603.195 24 INCH REINFORCED CONCRETE PIPE CLASS III	194.000 LF				
0540	603.201 30 INCH CORRUGATED METAL PIPE	52.000 LF				
0550	603.211 36 INCH CORRUGATED METAL PIPE	52.000 LF				
0560	603.37 64 INCH SPAN 43 INCH RISE PIPE ARCH	60.000 LF				
0570	603.77 15 INCH INLET GRATE UNIT	1.000 EA				
0580	603.78 18 INCH INLET GRATE UNIT	1.000 EA				
0590	604.092 CATCH BASIN TYPE B1-C	9.000 EA				
0600	604.15 MANHOLE	1.000 EA				
0610	604.244 CATCH BASIN TYPE F4	1.000 EA				
0620	604.246 CATCH BASIN TYPE F5	2.000 EA				



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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0630	605.09 6 INCH UNDERDRAIN TYPE B	500.000 LF				
0640	605.11 12 INCH UNDERDRAIN TYPE C	1470.000 LF				
0650	605.12 15 INCH UNDERDRAIN TYPE C	130.000 LF				
0660	605.13 18 INCH UNDERDRAIN TYPE C	500.000 LF				
0670	606.1721 BRIDGE TRANSITION - TYPE 1	4.000 EA				
0680	606.24 GUARDRAIL TYPE 3D - SINGLE RAIL	625.000 LF				
0690	606.241 GUARDRAIL TYPE 3D - 15 FOOT RADIUS AND LESS	25.000 LF				
0700	606.242 GUARDRAIL TYPE 3D - OVER 15 FOOT RADIUS	25.000 LF				
0710	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	2.000 EA				
0720	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0730	606.356 UNDERDRAIN DELINEATOR POST	6.000 EA				

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			DOLLARS	CTS	DOLLARS	CTS
0740	606.47 SINGLE WOOD POST	18.000 EA				
0750	606.79 GUARDRAIL 350 FLARED TERMINAL	2.000 EA				
0760	609.237 TERMINAL CURB TYPE 1 - 7 FOOT	2.000 EA				
0770	609.31 CURB TYPE 3	2660.000 LF				
0780	609.311 SPECIAL CURB - LOW PROFILE DESIGN	70.000 LF				
0790	610.08 PLAIN RIPRAP	285.000 CY				
0800	610.18 STONE DITCH PROTECTION	670.000 CY				
0810	613.319 EROSION CONTROL BLANKET	5807.000 SY				
0820	615.07 LOAM	2180.000 CY				
0830	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	205.000 UN				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0840	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	250.000 UN				
0850	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	45.000 UN				
0860	619.1201 MULCH - PLAN QUANTITY	500.000 UN				
0870	619.1401 EROSION CONTROL MIX	150.000 CY				
0880	620.58 NON WOVEN GEOTEXTILE	3070.000 SY				
0890	620.65 REINFORCEMENT GEOGRID	3560.000 SY				
0900	627.711 WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE (PLAN QUANTITY)	38670.000 LF				
0910	627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING	160.000 SF				
0920	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0930	629.05 HAND LABOR, STRAIGHT TIME	42.000 HR				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0940	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	32.000 HR				
0950	631.14 GRADER (INCLUDING OPERATOR)	32.000 HR				
0960	631.15 ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR )	12.000 HR				
0970	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	42.000 HR				
0980	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR				
0990	631.22 FRONT END LOADER (INCLUDING OPERATOR)	12.000 HR				
1000	639.18 FIELD OFFICE TYPE A	1.000 EA				
1010	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP	LUMP			
1020	652.33 DRUM	80.000 EA				
1030	652.34 CONE	130.000 EA				
1040	652.35 CONSTRUCTION SIGNS	1390.000 SF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1050	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	340.000 CD				
1060	652.38 FLAGGER	13380.000 HR				
1070	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
1080	659.10 MOBILIZATION	LUMP	LUMP			
1090	660.21 ON-THE-JOB TRAINING (BID)	2000.000 HR				
	TOTAL BID					

SPECIAL PROVISION  
SECTION 304  
AGGREGATE BASE AND SUBBASE COURSE  
(Dense Graded Crushed Aggregate Base with Fine Aggregate Material)

Description This work shall consist of manufacturing, placing, grading and compacting of dense graded crushed aggregate base and use of MDOT approved fine aggregate material. The fine aggregate material shall be used for the top **50mm (2")** of dense graded crushed aggregate base for the travel lanes, shoulders and entrances.

MATERIALS

Dense graded crushed aggregate base may be manufactured from ledge or natural aggregates and shall be obtained from a source approved by the Resident. When tested by the Los Angeles wear test, the percent loss shall not exceed 25. The material will be tested before being used and retested at intervals of approximately 25%, 50%, and 75% completion of the course.

At least 50 percent by weight of the material coarser than the No. 4 sieve shall have at least one fractured face as tested by ASTM D5821.

The material shall meet the grading requirements of the following table:

Sieve Designation	Percentage by Weight Passing Square Mesh Sieves
90 mm (3 ½ inches)	100
75 mm (3 inches)	90-100
50 mm (2 inches)	75-100
25 mm (1 inch)	50-80
13 mm (½ inch)	30-60
No. 4	15-40
No. 200	0-6

The top **50mm (2")** of fine aggregate material shall be made of quarried stone and meet the gradation requirements of Item 411.09 Untreated Aggregate Surface Course. When tested by the Los Angeles wear test, the percent loss shall not exceed 25. The material will be tested before being used and retested at intervals of approximately 25%, 50%, and 75% completion of the course.

The fine aggregate material shall meet the grading requirements of the following table:

Sieve Designation	Percentage by Weight Passing Square Mesh Sieves
25 mm (1 inch)	95-100
19 mm (3/4 inch)	90-100
4.75 mm (No. 4)	10-45
2.00 mm (No. 10)	10-35
No. 200	0-6

### CONSTRUCTION REQUIREMENTS

The surface of the dense graded crushed aggregate base shall be fine graded to +/- 19mm (3/4") and compacted prior to placing the layer of fine aggregate material. Density of the dense graded crushed aggregate base shall be as required by the Standard Specifications. In the event the produced aggregate gradation does not allow the development of an acceptable proctor then density will be achieved using the following procedure: A control section shall be used to determine roller effectiveness determined by the use of a nuclear density gauge, with passes made until a maximum density is achieved. The remaining area shall be compacted to 98% of the maximum density determined in the control section. Placing, shaping, compacting and surface tolerance for the fine aggregate material shall be in accordance with the Standard Specification Section 304.

Traffic will not be allowed on the dense graded crushed aggregate base (natural aggregate or ledge options) within the traveled way width until the fine aggregate material has been placed.

Method of Measurement Processing, placing, grading and compacting of fine aggregate material will be measured as item 304.13 Dense Graded Crushed Aggregate Base.

All Dense graded crushed aggregate material will be measured as provided in Section 304.06.

Basis of Payment Section 304.07 is amended by addition of the following: The fine aggregate material to be placed atop the dense graded crushed aggregate base will be paid for under item 304.13 Dense Graded Crushed Aggregate Base.

The accepted quantity of dense graded crushed aggregate base will be paid for at the contract unit price per cubic meter (yard) complete in place.

Payment will be made under:

Pay Item

Pay Unit

304.13 Dense Graded Crushed Aggregate Base

Cubic Meter [Cubic Yard]





ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201J	CLEARING	0.6	AC
202.19	REMOVING EXISTING BRIDGE	1	LS
203.20	COMMON EXCAVATION	3025	CY
203.21	ROCK EXCAVATION	10	CY
203.25	GRANULAR BORROW	900	CY
206.082	STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	1350	CY
206.092	STRUCTURAL ROCK EXCAVATION - MAJOR STRUCTURES	3450	CY
304.13	DENSE GRADED CRUSHED AGGREGATE BASE	2500	CY
310.24	PLANT MIX RECYCLED ASPHALT PAVEMENT - 4 INCH DEPTH	2850	SY
403.208	HOT MIX ASPHALT,12.5 MM SURFACE	340	T
403.209	HOT MIX ASPHALT 9.5 MM HMA (SIDEWALKS,DRIVES,ECT.)	25	T
403.210	HOT MIX ASPHALT,9.5 MM HMA	38	T
403.211	HOT MIX ASPHALT,SHIM	107	T
403.213	HOT MIX ASPHALT,12.5 MM NOMINAL MAXIMUM SIZE,BASE	374	T
409.15	BITUMINOUS TACK COAT,APPLIED	200	GAL
502.219	STRUCTURAL CONCRETE ABUTMENTS & RETAINING WALLS (405 CY)	1	LS
502.229	STRUCT.CONC.ABUTS.& RETAINING WALLS (PLACED UNDER WATER)(478 CY)	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB (25 CY)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS (8 CY)	1	LS
503.12	REINFORCING STEEL,FABRICATED & DELIVERED	38700	LB
503.13	REINFORCING STEEL,PLACING	38700	LB
507.0811	STEEL BRIDGE RAILING,2 BAR (102 LF)	1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE (260 SY)	1	LS
510.10	SPECIAL DETOUR,16 FOOT ROADWAY WIDTH	1	LS
511.07	COFFERDAM,ABUTMENT NO.1	1	LS
511.07	COFFERDAM,ABUTMENT NO.2	1	LS
512.081	FRENCH DRAINS (190 LF)	1	LS
514.06	CURING BOX FOR CONCRETE CYLINDERS	1	EA
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (110 SY)	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I (940 LF)	1	LS
526.34	PERMANENT CONCRETE TRANSITION BARRIER	4	EA
527.34	WORK ZONE CRASH CUSHIONS	6	UN
535.60	PRESTRESSED STRUCTURAL CONCRETE SLAB (561 SF)	1	LS
603.17	18 INCH CULVERT PIPE OPTION I	140	LF
603.175	18 INCH REINFORCED CONCRETE PIPE,CLASS III	90	LF
603.19	24 INCH CULVERT PIPE OPTION I	40	LF
603.195	24 INCH REINFORCED CONCRETE PIPE,CLASS III	54	LF
604.15	MANHOLE	1	EA
606.1721	BRIDGE TRANSITION - TYPE I	4	EA
606.24	GUARDRAIL TYPE 3d - SINGLE RAIL	625	LF
606.241	GUARDRAIL TYPE 3d - 15 FT RADIUS AND LESS	25	LF
606.242	GUARDRAIL TYPE 3d - OVER 15 FT RADIUS	25	LF
606.265	TERMINAL END - SGL - RAIL - GALV STEEL	2	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
606.79	GUARDRAIL 350 FLARED TERMINAL	2	EA
610.08	PLAIN RIPRAP	205	CY
613.319	EROSION CONTROL BLANKET	27	SY
615.07	LOAM	300	CY
618.411	SEEDING METHOD NUMBER 3 - PLAN QUANTITY	45	UN
619.1201	MULCH - PLAN QUANTITY	45	UN
619.1401	EROSION CONTROL MIX	150	CY
620.58	EROSION CONTROL GEOTEXTILE	200	SY
627.711	WHITE OR YELLOW PAVEMENT MARKING LINE - PLAN QUANTITY	3860	LF
629.05	HAND LABOR,STRAIGHT TIME	12	HR
631.12	ALL-PURPOSE EXCAVATOR (INCLUDING OPERATOR)	12	HR
631.14	GRADER (INCLUDING OPERATOR)	12	HR
631.15	ROLLER, EARTH AND BASE (INCLUDING OPERATOR)	12	HR
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	12	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)	12	HR

ITEM NO.	FIELD OFFICE, TYPE A	DESCRIPTION	QUANTITY	UNIT
639.18	TEMPORARY TRAFFIC SIGNAL		0.5	EA
643.72	DRUM		1	LS
652.33	CONSTRUCTION SIGNS		50	EA
652.34	FLAGGERS		50	EA
652.35	MAINTENANCE OF TRAFFIC CONTROL DEVICES (136 CD)		140	SF
652.38	TEMPORARY SOIL EROSION AND POLLUTION CONTROL		2500	HR
652.361	MOBILIZATION		1	LS
656.75			1	LS
659.10			1	LS

**SUMMARY OF EXCAVATION & BORROW**

Common Excavation for Estimate	
Common Excavation (Includes Grubbing in Cut)	2418
Excavation from Driveways, Old Roads, Ect.	286
Excav. from Pipe Outlets & Closed Drainage	125
Excavation from Detour	443
Removal of Excess Borrow From Detour	1901
Grubbing in Fills	320
Peat Excavation	0
Total Common Excavation	5493
Common Borrow for Estimate	
Common Borrow (From Cross Sections)	1895
Borrow for Drives, Old Roads, Ect.	265
Borrow for Detour (From Det. X Sections)	2323
Grubbing in Fills	320
Peat Excavation	0
Total Common Borrow	5003
Rock Excavation for Estimate	
Rock Excavation (From Cross Sections)	0
Rock Excavation (Incidental/Boulders)	10
Total Rock Excavation	10
Available Common Excavation for Borrow Calculations	
(1) Total Common Excavation	5493
Deductions	
Grubbing in Cut	449
Grubbing in Fill	320
Borrow for Detour	1901
Pavement Salvage in Cut	224
(2) Total Deductions	2894
Total Available Common Excavate. (1) Minus (2)	2600
Computation of Waste Storage and Waste Material	
Total Available Waste Storage Area	82
Grubbing in Cut	449
Grubbing in Fill	320
Peat Excavation	0
Total Waste Material	769
Estimates of Materials Required for Detour (See Note 17)	
Total Borrow for Detour	2323
Excess Borrow for Detour	1901
Total Excavation For Detour	443
Estimates of Pavement Salvage	
Pavement Salvage in Cut	224
Pavement Salvage Under Fill	212
Total Pavement Salvage	436

\*\*All Quantities Estimated in Cubic Yards

- GENERAL NOTES:**
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
  - For easements, construction limits, and right-of-way lines, refer to Right of Way Map, Sheets 6 and 7.
  - Place a 24 in. wide strip of Temporary Erosion Control Blanket on the side slopes along the top of the riprap and behind the wingwalls and headwalls.
  - All embankment material, except as otherwise shown, placed below Elevation 588.46, shall be Granular Borrow meeting the requirements of Subsection 703.19, Material for Underwater Backfill.
  - The clearing limits as shown on the plans are approximate. The actual clearing limits for payment will be established in the field by the Resident.
  - Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
  - A NCHRP-350 compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.
  - Protective coating for concrete surfaces shall be applied to the following areas:
    - All exposed surfaces of concrete curbs.
    - Fascia down to drip notch.
    - All exposed surfaces of concrete transition barriers.
  - Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Item 619.1401 Erosion Control Mix
  - Place riprap on sideslopes up to elevation 583.00.
  - Bidders and Contractors may obtain a copy of the existing bridge plans by Faxing a Request for Information to the Bid Contact Person. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations, which may have been made to the bridge during its life span.
  - Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and Contractor. No assurance is given that the information or interpretations will be representative of actual subsurface conditions at the construction site. MaineDOT will not be responsible for the Bidder's and Contractor's interpretations of, or conclusions drawn from, the geotechnical information.
  - Quantities included for pay items measured and paid by Lump Sum are estimated quantities and are provided by the MaineDOT for informational purposes only. Lump Sum items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities unless:
    - If a Lump Sum pay item is eliminated, the requirements of Standard Specification Section 109.2, Elimination of Items, will take precedence.
    - If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
    - If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specification Section 109.17, Equitable Adjustments to Compensation.
  - In accordance with the Utility Special Provision, the Contractor shall provide and maintain temporary access to the existing entrances at Station 125+93, left and Station 128+69, left for the Maine Public Service to set new temporary poles. Access to these new temporary poles is necessary until crane operations at the bridge are complete and utilities have been transferred to the new pole locations.
  - The new closed drainage system shown on the plans from Station 128-30 to Station 129+25, right shall be installed prior to the installation of the Temporary Detour; and the existing drainage ditch north of the 18 inch culvert pipe inlet shall be temporarily tied into the new drainage system in order to maintain positive drainage for the duration of the project.
  - The existing field entrance at Station 127+55, right shall be relocated, as shown on the plans, to Station 128+12, right or as directed by the Resident. The new field entrance shall be constructed with 12-inches of Dense Graded Crushed Aggregate Subbase.
  - The common borrow, common excavation and dense graded crushed aggregate needed to construct the Temporary Detour approaches, as shown on the plans and cross-sections, shall be included under Item 510.10, Special Detour, 16 Foot Roadway Width.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
BR-1510(900X)  
PIN 015109.00  
BRIDGE NO. 2909

DATE	
P.E. NUMBER	
SIGNATURE	
BY	
DATE	
PROJ. MANAGER	DEVIN ANDERSON
CHECKED-REVIEWED	L. YERDON
DESIGN-DETAILED	J. MCKEUGH
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

WALLAGRASS  
WALLAGRASS STREAM  
ARROOSTOOK  
WALLAGRASS  
& GENERAL QUANTITIES

SHEET NUMBER  
B-2  
OF B-38  
ERDMAN ANTHONY