



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

December 13, 2018
Subject: Bridge Replacement Projects,
Multi-Use Trail, Bridge Construction &
Traffic Signal Improvements
State WINs: 018735.00, 018736.00,
018736.10 & 022684.00
Location: **Gardiner**
Amendment No. 2

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

CHANGE on page 14, NOTICE TO CONTRACTORS, the Bid Opening date from "December 19, 2018" to read "**January 9, 2019**". Make this change in pen and ink.

REMOVE pages 16 – 36, Proposal Schedule of Items, 21 pages, dated 12/10/2018 (from Amendment No. 1), and **REPLACE** with the attached, revised Proposal Schedule of Items, 21 pages, dated 12/12/2018.

REMOVE pages 244 – 245, SPECIAL PROVISION – SECTION 621 – LANDSCAPE – (Plant Species Specification and Quantities List), 2 pages, dated September 18, 2018, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 621 – LANDSCAPE – (Plant Species Specification and Quantities List), 2 pages, dated December 10, 2018

In the Plan Set:

REMOVE SHEET NUMBER 3 OF 7, ESTIMATED QUANTITIES (1 OF 2), and **REPLACE** with the attached, revised SHEET NUMBER 3A OF 7, ESTIMATED QUANTITIES (1 OF 2).

REMOVE SHEET NUMBER 4 OF 7, ESTIMATED QUANTITIES (2 OF 2), and **REPLACE** with the attached, revised SHEET NUMBER 4A OF 7, ESTIMATED QUANTITIES (2 OF 2).

The following questions have been received:

Question: It appears that cofferdams will be required to construct Bridge St. abutments and the Southeast retaining wall. If so how will they be paid?



PRINTED ON RECYCLED PAPER

Response: Two cofferdam pay items will be added to the contract. One for Bridge Street Abutment 1 and SE retaining wall combination and one for Bridge Street Abutment 2.

Question: Will all micropiles including the Main Avenue Bridge be paid for under item 501.222 MICROPILES BR ST ABUTMENTS 9-5/8 or will an item be added for the 9-5/8 micropiles at Maine Avenue Bridge?

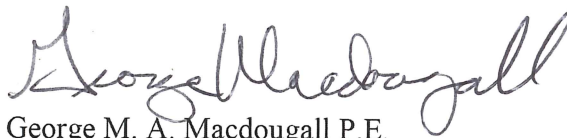
Response: The Proposal Schedule of Items will be revised to include three 501.222 micropile items to match the Estimated Quantities plan sheet 3 and Special Provision 501 - Micropiles.

Question: Please provide anchor bolt and imbedded plate detail for the 2 bridge deck mount light poles, including all dimensions? Please advise if this assembly is to be hot dip galvanized?

Response: The bridge deck mounted street lighting anchorages shall be hot-dipped galvanized in accordance with Standard Specification Section 634.021 and 720.07. In accordance, with Standard Specification Section 634.025, the Contractor is responsible for the design of the light standard connections.

Consider these changes and information prior to submitting your bid on **January 9, 2019**.

Sincerely,

A handwritten signature in dark ink, appearing to read "George Macdougall", written in a cursive style.

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

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Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 1 Main Items

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	201.23 REMOVING SINGLE TREE TOP ONLY	2.000 EA				
0020	201.24 REMOVING STUMP	4.000 EA				
0030	202.08 REMOVING BUILDING NO.: 1	LUMP SUM				
0040	202.08 REMOVING BUILDING NO.: 2	LUMP SUM				
0050	202.08 REMOVING BUILDING NO.: 3	LUMP SUM				
0060	202.15 REMOVING MANHOLE OR CATCH BASIN	6.000 EA				
0070	202.19 REMOVING EXISTING BRIDGE	LUMP SUM				
0080	202.202 REMOVING PAVEMENT SURFACE	4,980.000 SY				
0090	203.20 COMMON EXCAVATION	5,020.000 CY				
0100	203.2312 HEALTH AND SAFETY PLAN	LUMP SUM				
0110	203.2318 DISPOSAL OF SPECIAL WASTE	150.000 T				
0120	203.2333 DISPOSAL TREATMENT OF SPECIAL EXCAVATION	1,100.000 T				

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			Dollars	Cents	Dollars	Cents
0130	203.24 COMMON BORROW	77.000 CY				
0140	203.25 GRANULAR BORROW	2,105.000 CY				
0150	203.33 SPECIAL FILL	150.000 CY				
0160	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	2,130.000 CY				
0170	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	4,140.000 CY				
0180	304.14 AGGREGATE BASE COURSE - TYPE A	120.000 CY				
0190	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	957.000 T				
0210	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	286.000 T				
0220	403.213 HOT MIX ASPHALT 12.5 MM BASE	485.000 T				
0230	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	931.000 T				
0250	409.15 BITUMINOUS TACK COAT - APPLIED	739.000 G				
0270	461.131 TEMPORARY PAVEMENT	90.000 T				

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0280	501.222 MICROPILES BR ST A1 RET WALL 7- 5/8" DIA	1,100.000 LF				
0290	501.222 MICROPILES BR ST ABUTMENTS 9- 5/8" DIA	3,900.000 LF				
0300	501.222 MICROPILES ME AVE NE RET WALL 9-5/8" DIA	260.000 LF				
0310	501.231 DYNAMIC LOADING TEST	4.000 EA				
0320	501.2331 MICROPILE VERIFICATION LOAD TEST	2.000 EA				
0330	501.2341 MICROPILE PROOF LOAD TEST	6.000 EA				
0340	501.25 STEEL CASING 24 INCH SCHED 40 GALV	52.000 LF				
0350	501.54 STEEL H-BEAM PILES 117 LBS/FT, DELIVERED	710.000 LF				
0360	501.541 STEEL H-BEAM PILES 117 LBS/FT, IN PLACE	710.000 LF				
0370	501.804 DRILLING EQUIPMENT MOBILIZATION MICROPILES	LUMP SUM		LUMP SUM		
0380	501.807 REMOVAL OF OBSTRUCTIONS PENETRATION	80.000 HOUR				

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0390	501.90 PILE TIPS	10.000 EA	_____	_____	_____	_____
0400	501.91 PILE SPLICES	20.000 EA	_____	_____	_____	_____
0410	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP SUM	LUMP SUM	_____	_____	_____
0420	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP SUM	LUMP SUM	_____	_____	_____
0430	502.26 STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	LUMP SUM	LUMP SUM	_____	_____	_____
0440	502.48 LOW PERMEABILITY CONCRETE	7.000 CY	_____	_____	_____	_____
0450	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP SUM	LUMP SUM	_____	_____	_____
0470	502.565 CONCRETE FILL	66.000 CY	_____	_____	_____	_____
0480	502.77 FIBER REINFORCED POLYMER BRIDGE DRAIN - TYPE: D	5.000 EA	_____	_____	_____	_____
0490	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	7,600.000 LB	_____	_____	_____	_____
0500	503.13 REINFORCING STEEL, PLACING	7,600.000 LB	_____	_____	_____	_____

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			Dollars	Cents	Dollars	Cents
0510	503.17 MECHANICAL WELDED SPLICE	207.000 EA				
0520	503.26 STAINLESS STEEL REINFORCEMENT - FABRICATED & DELIVERED	127,300.000 LB				
0530	503.27 STAINLESS STEEL REINFORCEMENT - PLACING	127,300.000 LB				
0540	504.702 STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED	LUMP SUM	LUMP	SUM		
0550	504.71 STRUCTURAL STEEL ERECTION	LUMP SUM	LUMP	SUM		
0560	504.96 METAL STAIRS	LUMP SUM	LUMP	SUM		
0570	505.08 SHEAR CONNECTORS	LUMP SUM	LUMP	SUM		
0580	506.9104 THERMAL SPRAY COATING - SHOP APPLIED	LUMP SUM	LUMP	SUM		
0600	507.0834 WYOMING STEEL BRIDGE RAILING MODIFIED	LUMP SUM	LUMP	SUM		
0610	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP SUM	LUMP	SUM		
0630	511.07 COFFERDAM: ABUT NO.1, ME AVE	LUMP SUM	LUMP	SUM		

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0640	511.07 COFFERDAM: ABUT NO.1, MULTI USE PATH	LUMP SUM	LUMP	SUM	_____	_____
0650	511.07 COFFERDAM: ABUT NO.2, ME AVE	LUMP SUM	LUMP	SUM	_____	_____
0660	511.07 COFFERDAM: ABUT NO.2, MULTI USE PATH	LUMP SUM	LUMP	SUM	_____	_____
0670	511.07 COFFERDAM: BR ST AB 1 & SE WALL	LUMP SUM	LUMP	SUM	_____	_____
0680	511.07 COFFERDAM: BR ST AB 2	LUMP SUM	LUMP	SUM	_____	_____
0690	511.07 COFFERDAM: EX PIER NO.2 BR ST	LUMP SUM	LUMP	SUM	_____	_____
0700	511.07 COFFERDAM: EX PIER NO.3 BR ST	LUMP SUM	LUMP	SUM	_____	_____
0710	512.081 FRENCH DRAINS	LUMP SUM	LUMP	SUM	_____	_____
0720	514.06 CURING BOX FOR CONCRETE CYLINDERS	1.000 EA	_____	_____	_____	_____
0730	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP	SUM	_____	_____
0740	518.60 REPAIR OF VERTICAL SURFACES < 8 IN.	10.000 SF	_____	_____	_____	_____

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			Dollars	Cents	Dollars	Cents
0750	518.61 REPAIR OF VERTICAL SURFACES >= 8 IN.	4.000 CY	_____	_____	_____	_____
0760	520.232 EXPANSION DEVICE - ASPHALTIC PLUG JOINT	177.000 LF	_____	_____	_____	_____
0770	523.52 BEARING INSTALLATION	14.000 EA	_____	_____	_____	_____
0780	523.5402 LAMINATED ELASTOMERIC BEARINGS, EXPANSION	14.000 EA	_____	_____	_____	_____
0790	524.301 TEMPORARY STRUCTURAL SUPPORT A1 DINER	LUMP SUM	LUMP	SUM	_____	_____
0800	524.301 TEMPORARY STRUCTURAL SUPPORT CONSOLIDATED COMM.	LUMP SUM	LUMP	SUM	_____	_____
0810	524.301 TEMPORARY STRUCTURAL SUPPORT HORIZ SLIDE	LUMP SUM	LUMP	SUM	_____	_____
0820	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP SUM	LUMP	SUM	_____	_____
0830	526.304 TEMPORARY CONCRETE BARRIER, ANCHORED	LUMP SUM	LUMP	SUM	_____	_____
0840	526.3401 PERMANENT CONCRETE TRANSITION BARRIER - MODIFIED	7.000 EA	_____	_____	_____	_____
0850	527.34 WORK ZONE CRASH CUSHIONS	3.000 UN	_____	_____	_____	_____

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0860	530.01 STEEL PEDESTRIAN BRIDGE	LUMP SUM	LUMP	SUM	_____	_____
0890	534.76 PRECAST ABUTMENT	LUMP SUM	LUMP	SUM	_____	_____
0900	534.7601 PRECAST APPROACH SLAB	LUMP SUM	LUMP	SUM	_____	_____
0910	603.155 12 INCH REINFORCED CONCRETE PIPE CLASS III	32.000 LF	_____	_____	_____	_____
0920	603.159 12 INCH CULVERT PIPE OPTION III	102.000 LF	_____	_____	_____	_____
0930	603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III	40.000 LF	_____	_____	_____	_____
0940	603.179 18 INCH CULVERT PIPE OPTION III	192.000 LF	_____	_____	_____	_____
0950	603.195 24 INCH REINFORCED CONCRETE PIPE CLASS III	77.000 LF	_____	_____	_____	_____
0960	603.199 24 INCH CULVERT PIPE OPTION III	72.000 LF	_____	_____	_____	_____
0970	604.072 CATCH BASIN TYPE A1-C	11.125 EA	_____	_____	_____	_____
0980	604.092 CATCH BASIN TYPE B1-C	5.000 EA	_____	_____	_____	_____
0990	604.15 MANHOLE	2.125 EA	_____	_____	_____	_____

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1000	604.154 72 INCH MANHOLE	1.000 EA				
1010	604.158 UTILITY VAULT	3.000 EA				
1020	604.16 ALTERING CATCH BASIN TO MANHOLES	5.000 EA				
1030	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	28.000 EA				
1040	604.245 CATCH BASIN TYPE F4-C	1.000 EA				
1050	604.247 CATCH BASIN TYPE F5-C	1.000 EA				
1060	604.252 CATCH BASIN TYPE A5-C	2.625 EA				
1070	604.2521 60" CATCH BASIN A5-C	1.000 EA				
1080	604.30 SPECIAL CATCH BASIN	1.000 EA				
1090	605.09 6 INCH UNDERDRAIN TYPE B	723.000 LF				
1100	605.11 12 INCH UNDERDRAIN TYPE C	280.000 LF				
1110	605.12 15 INCH UNDERDRAIN TYPE C	54.000 LF				

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			Dollars	Cents	Dollars	Cents
1120	605.13 18 INCH UNDERDRAIN TYPE C	107.000 LF				
1130	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	118.750 LF				
1140	606.1304 31" W-BM GR, MID-WAY SPLICE-OVER 15' RAD	31.250 LF				
1150	606.1306 31" W-BM GR, MID-WAY SPLICE TANGENT TERMINAL	2.000 EA				
1160	606.1307 BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1	4.000 EA				
1170	606.1721 BRIDGE TRANSITION - TYPE 1	2.000 EA				
1180	606.259 ANCHORAGE ASSEMBLY	3.000 EA				
1190	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	16.000 EA				
1200	606.65 GUARDRAIL THRIE BEAM - SINGLE RAIL	37.500 LF				
1210	606.66 TERMINAL END THRIE BEAM	2.000 EA				
1220	607.22 CEDAR RAIL FENCE	550.000 LF				

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			Dollars	Cents	Dollars	Cents
1230	608.15 BRICK SIDEWALK WITH BITUMINOUS BASE	521.000 SY	_____	 _____	_____	 _____
1240	608.171 CONCRETE SIDEWALK WITH BRICK BORDER	174.000 SY	_____	 _____	_____	 _____
1250	608.26 CURB RAMP DETECTABLE WARNING FIELD	596.000 SF	_____	 _____	_____	 _____
1260	609.11 VERTICAL CURB TYPE 1	1,658.000 LF	_____	 _____	_____	 _____
1270	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	547.000 LF	_____	 _____	_____	 _____
1280	609.234 TERMINAL CURB TYPE 1 - 4 FOOT	4.000 EA	_____	 _____	_____	 _____
1290	609.2341 TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR	2.000 EA	_____	 _____	_____	 _____
1300	609.238 TERMINAL CURB TYPE 1 - 8 FOOT	37.000 EA	_____	 _____	_____	 _____
1310	609.2381 TERMINAL CURB TYPE 1 - 8' CIRCULAR	35.000 EA	_____	 _____	_____	 _____
1320	609.26 CURB TRANSITION SECTION B TYPE 1	1.000 EA	_____	 _____	_____	 _____
1330	609.31 CURB TYPE 3	27.000 LF	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
1340	609.34 CURB TYPE 5	640.000 LF				
1350	609.35 CURB TYPE 5 - CIRCULAR	95.000 LF				
1360	610.08 PLAIN RIPRAP	49.000 CY				
1370	610.16 HEAVY RIPRAP	1,910.000 CY				
1380	613.319 EROSION CONTROL BLANKET	126.000 SY				
1390	615.07 LOAM	442.000 CY				
1400	615.085 LOAM/WOODWASTE MULCH MIX	70.000 CY				
1410	618.13 SEEDING METHOD NUMBER 1	17.000 UN				
1420	618.14 SEEDING METHOD NUMBER 2	4.000 UN				
1430	618.143 SPECIAL SEED MIX:	11.000 UN				
1440	618.146 SEEDING HYDROMULCH MEDIUM	11.000 UN				
1450	619.12 MULCH	21.000 UN				
1460	619.14 EROSION CONTROL MIX	70.000 CY				

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1470	620.58 EROSION CONTROL GEOTEXTILE	1,480.000 SY	_____	_____	_____	_____
1480	620.66 DRAINAGE GEOCOMPOSITE	87.000 SY	_____	_____	_____	_____
1490	621.126 SMALL DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP A	6.000 EA	_____	_____	_____	_____
1500	621.3851 EVERGREEN SHRUBS GP A 12" - 15" CONT	48.000 EA	_____	_____	_____	_____
1510	621.5351 DECIDUOUS SHRUBS (15 INCH - 18 INCH) GROUP A	60.000 EA	_____	_____	_____	_____
1520	621.54 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP A	12.000 EA	_____	_____	_____	_____
1530	621.71 HERBACEOUS PERENNIALS GROUP A 1 GAL CONT	114.000 EA	_____	_____	_____	_____
1540	621.715 HERBACEOUS PERENNIALS 1 QT CONT.	60.000 EA	_____	_____	_____	_____
1550	626.11 PRECAST CONCRETE JUNCTION BOX	18.000 EA	_____	_____	_____	_____
1560	626.21 METALLIC CONDUIT	390.000 LF	_____	_____	_____	_____
1570	626.22 NON-METALLIC CONDUIT	2,460.000 LF	_____	_____	_____	_____

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1580	626.32 24 INCH FOUNDATION	17.000 EA	_____	 _____	_____	 _____
1590	626.332 30 INCH DIAMATER GREATER THAN 8 FEET LONG & 36 INCH DIAMETER, 42 INCH DIAMETER FOUNDATION	5.000 CY	_____	 _____	_____	 _____
1600	626.36 REMOVE OR MODIFY CONCRETE FOUNDATION	12.000 EA	_____	 _____	_____	 _____
1610	626.38 GROUND MOUNTED CABINET FOUNDATION	1.000 EA	_____	 _____	_____	 _____
1620	627.513 TEMPORARY PAVEMENT MARKING TAPE, YELLOW OR WHITE	75.000 SF	_____	 _____	_____	 _____
1630	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	3,320.000 LF	_____	 _____	_____	 _____
1640	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	6,950.000 SF	_____	 _____	_____	 _____
1650	627.77 REMOVING PAVEMENT MARKINGS	840.000 SF	_____	 _____	_____	 _____
1660	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	1,600.000 LF	_____	 _____	_____	 _____
1670	629.05 HAND LABOR, STRAIGHT TIME	108.000 HR	_____	 _____	_____	 _____

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1680	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	95.000 HR	_____	 _____	_____	 _____
1690	631.171 TRUCK - SMALL (INCLUDING OPERATOR)	5.000 HR	_____	 _____	_____	 _____
1700	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	90.000 HR	_____	 _____	_____	 _____
1710	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	5.000 HR	_____	 _____	_____	 _____
1720	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	5.000 HR	_____	 _____	_____	 _____
1730	631.22 FRONT END LOADER (INCLUDING OPERATOR)	95.000 HR	_____	 _____	_____	 _____
1740	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	30.000 HR	_____	 _____	_____	 _____
1750	634.160 HIGHWAY LIGHTING	LUMP SUM		 LUMP SUM	_____	 _____
1760	634.2101 TYPE A LIGHT STANDARD	5.000 EA	_____	 _____	_____	 _____
1770	634.2102 TYPE B LIGHT STANDARD	5.000 EA	_____	 _____	_____	 _____
1780	634.2103 TYPE C LIGHT STANDARD	1.000 EA	_____	 _____	_____	 _____

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 1 Main Items

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1790	639.18 FIELD OFFICE TYPE A	1.000 EA				
1800	643.62 RECTANGULAR RAPID FLASHING BEACON	2.000 EA				
1810	643.64 FLASHING SIGN ASSEMBLY	1.000 EA				
1820	643.71 TRAFFIC SIGNAL MODIFICATION	LUMP SUM		LUMP SUM		
1830	643.80 TRAFFIC SIGNALS AT BRIDGE & WATER STREETS	LUMP SUM		LUMP SUM		
1840	643.83 VIDEO DETECTION SYSTEM	LUMP SUM		LUMP SUM		
1850	643.91 MAST ARM POLE	1.000 EA				
1860	643.92 PEDESTAL POLE	4.000 EA				
1870	645.103 DEMOUNT GUIDE SIGN	2.000 EA				
1880	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	39.000 EA				
1890	645.1061 RELOCATE EXISTING SIGN ASSEMBLY AND POST	1.000 EA				
1900	645.108 DEMOUNT POLE	19.000 EA				

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 1 Main Items

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1910	645.113 REINSTALL GUIDE SIGN	2.000 EA				
1920	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	37.000 EA				
1930	645.118 REINSTALL POLE	17.000 EA				
1940	645.271 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I	153.000 SF				
1950	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	97.000 SF				
1960	645.51 SPECIAL SIGNING	LUMP SUM				
1970	652.311 TYPE II BARRICADE	4.000 EA				
1980	652.312 TYPE III BARRICADE	41.000 EA				
1990	652.313 TEMPORARY PEDESTRIAN BARRICADE, ADA COMPLIANT	370.000 LF				
2000	652.33 DRUM	125.000 EA				
2010	652.34 CONE	215.000 EA				

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Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 1 Main Items

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2020	652.35 CONSTRUCTION SIGNS	2,500.000 SF				
2030	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM		LUMP SUM		
2040	652.38 FLAGGER	5,574.000 HR				
2050	652.381 TRAFFIC OFFICER	484.000 HR				
2060	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	7.000 EA				
2070	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		LUMP SUM		
2080	659.10 MOBILIZATION	LUMP SUM		LUMP SUM		
2090	660.21 ON-THE-JOB TRAINING (BID)	1,000.000 HR				
2100	802.10 12 INCH DUCTILE IRON WATERMAIN	170.000 LF				
2110	803.01 TEST PITS	16.000 EA				
2120	822.302 12 INCH DUCTILE IRON PIPE PREINSULATED	LUMP SUM		LUMP SUM		
2130	822.322 6 INCH DUCTILE IRON PIPE	30.000 LF				

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Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 1 Main Items

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2140	823.311 12 INCH GATE VALVE WITH BOX	2.000 EA	_____	 _____	_____	 _____
2150	823.33 6 INCH GATE VALVE WITH BOX	1.000 EA	_____	 _____	_____	 _____
2160	824.32 REMOVE/RESET HYDRANT	1.000 EA	_____	 _____	_____	 _____
2170	825.321 1 INCH CORPORATION	1.000 EA	_____	 _____	_____	 _____
2180	825.331 1" CURB STOP	1.000 EA	_____	 _____	_____	 _____
2190	825.90 1 INCH PREINSULATED HEAT TRACED WATER PIPE	LUMP SUM	_____	 LUMP SUM	_____	 _____
2200	841.49 BOLLARDS - COLLAPSIBLE	2.000 EA	_____	 _____	_____	 _____
2210	845.10 STRUCTURAL STEEL UTILITY SUPPORT CONSOLIDATED COMM.	LUMP SUM	_____	 LUMP SUM	_____	 _____
2220	910.301 SPECIAL WORK SKEHANS TAX SIGN REMOVAL	LUMP SUM	_____	 LUMP SUM	_____	 _____
2230	910.301 SPECIAL WORK UTILITY CONDUIT	LUMP SUM	_____	 LUMP SUM	_____	 _____
Section: 1			Total:		_____	 _____

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Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 2 ME AVE PRECAST BR ALTERNATE

Alt Set ID: AL

Alt Mbr ID: 1

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0200	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT ALT 1	25.000 T	_____	_____	_____	_____
0240	403.2131 12.5 MM POLYMER MODIFIED HMA BASE ALT 1	25.000 T	_____	_____	_____	_____
0260	409.15 BITUMINOUS TACK COAT - APPLIED ALT 1	18.000 G	_____	_____	_____	_____
0460	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS ALT 1	LUMP SUM	LUMP	SUM	_____	_____
0590	506.9104 THERMAL SPRAY COATING - SHOP APPLIED ALT 1	LUMP SUM	LUMP	SUM	_____	_____
0620	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE ALT 1	LUMP SUM	LUMP	SUM	_____	_____
0870	530.04 PREFABRICATED BRIDGE STRUCTURE AND ASSEMBLY ALT 1	LUMP SUM	LUMP	SUM	_____	_____
Section: 2			Total:		_____	_____

Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 018735.00

Project(s): 018735.00, 018736.00, 018736.10,
022684.00

SECTION: 3 ME AVE NEXT BEAM ALTERNATE

Alt Set ID: AL

Alt Mbr ID: 2

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0880	531.51 BRIDGE STRUCTURE - DETAIL BUILD	LUMP SUM				
	Section: 3		Total:			
			Total Bid:			

SPECIAL PROVISIONS
SECTION 621
LANDSCAPE
(Plant Species Specification and Quantities List)

The following list of items provides the estimated quantities for use on this project. The scientific name of the plant material is provided along with the common name in parenthesis.

The contractor shall follow ***Standard Specifications*** Rev. November, 2014 for landscape materials and installation procedures (sec. 621).

The Resident Engineer or ***MaineDOT*** designee will be available to inspect plant materials and inspect planting at that time.

No Landscape Warranty Bond will be required, a two-year warrantee will be included incidental to planting.

PROJECT ITEM	PLANT MATERIAL	Unit	Quant.	Total
	WIN 018736.00 MAINE AVE. BRIDGE			
621.3851	Evergreen Shrub Gr. A 12" – 15" Cont.	Ea.		24
	(Juniperus 'Bar Harbor') 'Bar Harbor' Juniper		12	
	(Juniperus 'Blueberry Delight')		12	
621. 5351	Deciduous Shrub Gr. A 15" – 18" Cont.			24
	(Spiraea alpinum 'Little Princess') Meadowsweet	Ea.	12	
	(Cornus sericea 'Isanti') Dwarf Red Twig Dogwood		12	
621.54	Deciduous Shrub Gr. A 18" – 24" Cont.	Ea.		12
	(Rosa rugosa) Beach Rose		12	
621.71	Herbaceous perennials 1 Gallon Cont. Group A	Ea.		12
	(Matteucia struthiopteris) Ostrich Fern		12	
621.715	Herbaceous perennials 1 Quart Cont.	Ea.		12
	(Mertensia virginica)		12	
	WIN 0187350.00 BRIDGE ST. BRIDGE			
621.71	Herbaceous perennials 1 Gallon Cont.	Ea.		60
	Coreopsis 'Moonbeam'		15	
	Nepeta 'Walker's Low'		15	
	Perovskia 'Little Spire'		15	
	Hemerocallis ' Happy Returns'		15	
	WIN 018736.10 MULTIUSE KENNEBEC TRAIL			
621.126	Small Deciduous Trees Gr. A 6' – 8' Cont.			6
	(Acer rubrum) Red Maple	Ea.	3	
	(Acer saccharinum) Silver Maple		3	

Gardiner
WINS 018735.00,
018736.00
018736.10

December 10, 2018

621.3851	Evergreen Shrub Gr. A 12" – 15" Cont.	Ea.		24
	(Juniperus 'Bar Harbor') 'Bar Harbor' Juniper		12	
	(Juniperus 'Blueberry Delight')		12	
621. 5351	Deciduous Shrub Gr. A 15" – 18" Cont.	Ea.		36
	(Spiraea alpinum 'Little Princess') Meadowsweet		12	
	(Cornus sericea 'Isanti') Dwarf Red Twig		12	
	Dogwood			
	(Rubus x hybrid) Blackberry		12	
621.71	Herbaceous perennials 1 Gallon Cont.	Ea.		42
	(Monarda fistulosum) Beebalm		6	
	(Matteucia struthiopteris) Ostrich Fern		12	
	(Osmunda cinnamomea) Cinnamon Fern		12	
	(Thalictrum rochebrunianum) Meadow Rue		12	
621.715	Herbaceous perennials 1 Quart Cont.	Ea.		48
	(Erythronium americanum) Trout Lily		48	

ESTIMATED QUANTITIES							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	1	1			2	EA
201.24	REMOVING STUMP	3	1			4	EA
202.08	REMOVING BUILDING NO. 1	1				1	LS
202.08	REMOVING BUILDING NO. 2	1				1	LS
202.08	REMOVING BUILDING NO. 3		1			1	LS
202.15	REMOVING EXISTING MANHOLE OR CATCH BASIN	1	1	2		4	EA
202.19	REMOVING EXISTING BRIDGE	0.62	0.38			1	LS
202.202	REMOVING PAVEMENT SURFACE	3100	220		1660	4980	SY
203.20	COMMON EXCAVATION	2800	1050	760	410	5020	CY
203.2312	HEALTH AND SAFETY PLAN (HASP)	0.5	0.5			1	LS
203.2318	DISPOSAL OF SPECIAL WASTE	50	50	50		150	T
203.2333	DISPOSAL/TREATMENT OF SPECIAL EXCAVATION	700	360			1060	T
203.24	COMMON BORROW		77			77	CY
203.25	GRANULAR BORROW	1470	540	70	25	2105	CY
203.33	SPECIAL FILL	150				150	CY
206.082	STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES, PLAN QUANTITY	940	920	270		2130	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	2450	800	780	110	4140	CY
304.14	AGGREGATE BASE COURSE - TYPE A				120	120	CY
403.2081	HOT MIX ASPHALT - 12.5 MM (POLYMER MODIFIED)	610	130	70	147	957	T
403.209	HOT MIX ASPHALT - 9.5 MM (SIDEWALKS, DRIVES, & INCIDENTALS)	67	20	150	49	286	T
403.213	HOT MIX ASPHALT - 12.5 MM (BASE AND INTERMEDIATE COURSE)	280	80	39	26	425	T
403.2131	HOT MIX ASPHALT - 12.5 MM (BASE AND INTERMEDIATE COURSE POLYMER MODIFIED)	670	160	52	39	921	T
409.15	BITUMINOUS TACK COAT, APPLIED	500	110	80	49	739	G
461.131	TEMPORARY PAVEMENT		90			90	T
501.222	MICROPILES (MAINE AVENUE NE RETAINING WALL - 9 5/8" DIAMETER)		260			260	LF
501.222	MICROPILES (BRIDGE STREET ABUTMENTS - 9 5/8" DIAMETER)	3900				3900	LF
501.222	MICROPILES (BRIDGE STREET A1 RETAINING WALL - 7 5/8" DIAMETER)	1100				1100	LF
501.231	DYNAMIC LOADING TEST		4			4	EA
501.2331	MICROPILE VERIFICATION LOAD TEST	2				2	EA
501.2341	PILE PROOF LOAD TEST	6				6	EA
501.54	STEEL H-BEAM PILES 117 LB/FT, DELIVERED		710			710	LF
501.541	STEEL H-BEAM PILES 117 LB/FT, IN PLACE		710			710	LF
501.804	DRILLING EQUIPMENT MOBILIZATION - MICROPILES	1				1	LS
501.807	REMOVAL OF OBSTRUCTIONS, PENETRATION	75	5			80	HR
501.90	PILE TIPS		10			10	EA
501.91	PILE SPLICES		20			20	EA
501.92	PILE DRIVING EQUIPMENT MOBILIZATION		1			1	LS
502.219	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	(636 CY)	(20 CY)	(63 CY)		1	LS
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLAB ON STEEL BRIDGES	(294 CY)				1	LS
502.48	LOW PERMEABILITY CONCRETE	7				7	CY
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS	(80 CY)				1	LS
502.565	CONCRETE FILL			66		66	CY
502.77	FRP BRIDGE DRAIN - TYPE D	5				5	EA
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	300	2300	5000		7600	LB
503.13	REINFORCING STEEL, PLACING	300	2300	5000		7600	LB
503.17	MECHANICAL/WELDED SPLICE	207				207	EA
503.26	STAINLESS STEEL REINFORCEMENT, FABRICATED AND DELIVERED	127300				127300	LB
503.27	STAINLESS STEEL REINFORCEMENT, PLACING	127300				127300	LB
504.702	STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED	(336100 LB)				1	LS
504.71	STRUCTURAL STEEL ERECTION	(336100 LB)				1	LS
504.96	METAL STAIRS	1				1	LS
505.08	SHEAR CONNECTORS	(2100 EA)				1	LS
506.9104	THERMAL SPRAY COATING (SHOP APPLIED)	(336100 LB)				1	LS
507.0834	WYOMING STEEL BRIDGE RAILING, MODIFIED	(350 LF)	(150 LF)			1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE	(730 SY)				1	LS
511.07	COFFERDAM: EXISTING PIER 2	1				1	LS
511.07	COFFERDAM: EXISTING PIER 3	1				1	LS
511.07	COFFERDAM: BRIDGE STREET ABUTMENT 1 & SE WALL	1				1	LS
511.07	COFFERDAM: BRIDGE STREET ABUTMENT 2	1				1	LS
511.07	COFFERDAM: MAINE AVENUE ABUTMENT 1		1			1	LS
511.07	COFFERDAM: MAINE AVENUE ABUTMENT 2		1			1	LS
511.07	COFFERDAM: COBBOSSEE TRAIL BRIDGE ABUTMENT 1			1		1	LS
511.07	COFFERDAM: COBBOSSEE TRAIL BRIDGE ABUTMENT 2			1		1	LS
512.081	FRENCH DRAINS	(270 LF)		(34 LF)		1	LS
514.06	CURING BOX FOR CONCRETE CYLINDERS	0.5	0.5			1	EA

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ESTIMATED QUANTITIES							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00 (360 SY)	QUANTITY WIN 18736.00 (150 SY)	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES					1	LS
518.60	REPAIR OF VERTICAL SURFACES < 8 INCHES		10			10	SF
518.61	REPAIR OF VERTICAL SURFACES ≥ 8 INCHES		4			4	CY
520.232	EXPANSION DEVICE - ASPHALTIC PLUG JOINT	92	85			177	LF
523.52	BEARING INSTALLATION	14				14	EA
523.5402	LAMINATED ELASTOMERIC BEARINGS, EXPANSION	14				14	EA
524.301	TEMPORARY STRUCTURAL SUPPORT - AND HORIZONTAL SLIDE	1				1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT - A1 DINER	1				1	LS
526.301	TEMPORARY CONCRETE BARRIER, TYPE 1	(170 LF)	(90 LF)			1	LS
526.304	TEMPORARY CONCRETE BARRIER, ANCHORED	(30 LF)				1	LS
526.3401	PERMANENT CONCRETE TRANSITION BARRIER, MODIFIED	3	4			7	EA
527.34	WORK ZONE CRASH CUSHIONS	1	2			3	UN
530.01	STEEL PEDESTRIAN BRIDGE			1		1	LS
534.76	PRECAST ABUTMENT	(36 CY)	(130 CY)			1	LS
534.7601	PRECAST APPROACH SLAB	(33 CY)	(25 CY)			1	LS
603.155	12 INCH REINFORCED CONCRETE PIPE CLASS III		32			32	LF
603.159	12 INCH CULVERT PIPE OPTION III	85		17		102	LF
603.175	18 INCH REINFORCED CONCRETE PIPE CLASS III	40				40	LF
603.179	18 INCH CULVERT PIPE OPTION III	120	52	20		192	LF
603.195	24 INCH REINFORCED CONCRETE PIPE CLASS III		77			77	LF
603.199	24" CULVERT PIPE OPTION III	72				72	LF
604.072	CATCH BASIN TYPE A1-C	5	5.125	1		11.125	EA
604.092	CATCH BASIN TYPE B1-C	2		3		5	EA
604.15	MANHOLE	1		1.125		2.125	EA
604.154	72" MANHOLE	1				1	EA
604.16	ALTERING CATCH BASIN TO MANHOLE	2	1	1	1	5	EA
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	14		1	7	22	EA
604.245	CATCH BASIN TYPE F4-C			1		1	EA
604.247	CATCH BASIN TYPE F5-C	1				1	EA
604.252	CATCH BASIN TYPE A5-C	2,625				2,625	EA
604.2521	60" CATCH BASIN A5-C	1				1	EA
604.30	SPECIAL CATCH BASIN			1		1	EA
605.09	6 INCH UNDERDRAIN TYPE B	140	43	540		723	LF
605.11	12 INCH UNDERDRAIN TYPE C	160		120		280	LF
605.12	15 INCH UNDERDRAIN TYPE C			54		54	LF
605.13	18 INCH UNDERDRAIN TYPE C	41		66		107	LF
606.1301	31" W-BEAM GR - MID-WAY SPLICE (STL POST, 8" OFFSET BLOCKS, SINGLE FACED)	106.25	12.50			118.75	LF
606.1304	31" W-BEAM GR - MID-WAY SPLICE (STL POST, 8" OFFSET BLOCKS, OVER 15' RAD)	31.25				31.25	LF
606.1306	31" W-BEAM GUARDRAIL - MID-WAY SPLICE TANGENT TERMINAL (31" HEIGHT)	1	1			2	EA
606.1307	BRIDGE TRANSITION (ASYMMETRICAL) – TYPE 1	3	1			4	EA
606.1721	BRIDGE TRANSITION TYPE 1		2			2	EA
606.259	ANCHORAGE ASSEMBLY	3				3	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	10	6			16	EA
606.65	GUARDRAIL THRIE BEAM - SINGLE RAIL		37.5			37.5	LF
606.66	TERMINAL END THRIE BEAM		2			2	EA
607.22	CEDAR RAIL FENCE	200		350		550	LF
608.15	BRICK SIDEWALK WITH BITUMINOUS BASE	99			422	521	SY
608.171	CONCRETE SIDEWALK WITH BRICK BORDER	98			76	174	SY
608.26	CURB RAMP DETECTABLE WARNING FIELD	220	36	210	130	596	SF
609.11	VERTICAL CURB TYPE 1	570	140	760	188	1658	LF
609.12	VERTICAL CURB TYPE 1 - CIRCULAR	220	94	110	123	547	LF
609.234	TERMINAL CURB TYPE 1 - 4 FOOT	1		3		4	EA
609.2341	TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR			2		2	EA
609.238	TERMINAL CURB TYPE 1 - 8 FOOT	17	5	6	9	37	EA
609.2381	TERMINAL CURB TYPE 1 - 8 FOOT - CIRCULAR	15	5	6	9	35	EA
609.26	CURB TRANSITION SECTION B-TYPE 1			1		1	EA
609.31	CURB TYPE 3	27				27	LF
609.34	CURB TYPE 5	150		490		640	LF
609.35	CURB TYPE 5 - CIRCULAR	43		52		95	LF
610.08	PLAIN RIPRAP	36		13		49	CY
610.16	HEAVY RIPRAP	670	630	610		1910	CY
613.319	EROSION CONTROL BLANKET	58	45	23		126	SY
615.07	LOAM	210	42	190		442	CY
615.085	LOAM WOODWASTE MULCH MIX	17	13	40		70	CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

MULTITWIN

BRIDGE PLANS

DATE
SEPT 2018
SEPT 2018

BY
EJB
TWM

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED

DATE
DEC 2018

BY
Items Added/Revised

REVISIONS
1
2
3
4

FIELD CHANGES

SIGNATURE

P.E. NUMBER

DATE

GARDINER
RTE 9\126\US 201 & RTE 24

ESTIMATED QUANTITIES
(1 OF 2)

SHEET NUMBER

3A

OF 7



ESTIMATED QUANTITIES							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
618.13	SEEDING METHOD NUMBER 1	11	2	4		17	UN
618.14	SEEDING METHOD NUMBER 2	4				4	UN
618.143	SPECIAL SEED MIX	2	2	7		11	UN
618.146	SEEDING HYDROMULCH MEDIUM	2	2	7		11	UN
619.12	MULCH	15	2	4		21	UN
619.14	EROSION CONTROL MIX	50	10	10		70	CY
620.58	EROSION CONTROL GEOTEXTILE	540	470	470		1480	SY
620.66	DRAINAGE GEOCOMPOSITE		87			87	SY
621.126	SMALL DECIDUOUS TREES GR. A 6'-8' CONT.			6		6	EA
621.3851	EVERGREEN SHRUB GR. A 12" - 15" CONT.		24	24		48	EA
621.5351	DECIDUOUS SHRUB GR. A 15" - 18" CONT.		24	36		60	EA
621.54	DECIDUOUS SHRUB GR. A 18" - 24" CONT.		12			12	EA
621.71	HERBACEOUS PERENNIALS 1 GALLON CONT. GROUP A	60	12	42		114	EA
621.715	HERBACEOUS PERENNIALS 1 QUART CONT.		12	48		60	EA
626.11	PRECAST CONCRETE JUNCTION BOX	6	2	9	1	18	EA
626.21	METALLIC CONDUIT	270		50	70	390	LF
626.22	NON-METALLIC CONDUIT	1000	140	820	500	2460	LF
626.32	24 INCH DIAMETER FOUNDATION	6	3	3	5	17	EA
626.332	30" DIAMETER, > 8' LONG, AND ALL 36" DIAMETER & 42" DIAMETER FOUNDATIONS				5	5	CY
626.36	REMOVE OR MODIFY CONCRETE FOUNDATION	2	1	1	8	12	EA
626.38	GROUND-MOUNTED CABINET FOUNDATION				1	1	EA
627.513	TEMPORARY PAVEMENT MARKING TAPE, YELLOW OR WHITE		75			75	SF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	2850	270		200	3320	LF
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	3700	390	1400	1460	6950	SF
627.77	REMOVING EXISTING PAVEMENT MARKING	800			40	840	SF
627.78	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	1600				1600	LF
629.05	HAND LABOR, STRAIGHT TIME	10	40	40	10	100	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	40	40	5	95	HR
631.171	TRUCK - SMALL (INCLUDING OPERATOR)				5	5	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	40	40		90	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)				5	5	HR
631.20	STUMP CHIPPER RENTAL (INCLUDING OPERATOR)				5	5	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)	10	40	40	5	95	HR
631.32	CULVERT CLEANER (INCLUDING OPERATORS)	10	10	10		30	HR
634.160	HIGHWAY LIGHTING	0.54	0.23	0.23		1	LS
634.2101	TYPE A LIGHT STANDARD	1	2	2		5	EA
634.2102	TYPE B LIGHT STANDARD	5				5	EA
634.2103	TYPE C LIGHT STANDARD	1				1	EA
639.18	FIELD OFFICE, TYPE A	0.5	0.5			1	EA
643.62	RECTANGULAR RAPID FLASHING BEACON	1	1			2	EA
643.64	FLASHING SIGN ASSEMBLY	1				1	EA
643.71	TRAFFIC SIGNAL MODIFICATION:				1	1	LS
643.80	TRAFFIC SIGNALS AT: BRIDGE & WATER STREETS				1	1	LS
643.83	VIDEO DETECTION SYSTEM				1	1	LS
643.91	MAST ARM POLE				1	1	EA
643.92	PEDESTAL POLE				4	4	EA
645.103	DEMOUNT GUIDE SIGN	1	1			2	EA
645.106	DEMOUNT REGULATORY, WARNING, CONF. AND ROUTE MARKER ASSEMBLY SIGN	28	9	1	1	39	EA
645.1061	RELOCATE EXISTING SIGN ASSEMBLY AND POST	1				1	EA
645.108	DEMOUNT POLE	11	7	1		19	EA
645.113	REINSTALL GUIDE SIGN	1	1			2	EA
645.116	REINSTALL REGULATORY, WARNING, CONF. AND ROUTE MARKER ASSEMBLY SIGN	26	9	1	1	37	EA
645.118	REINSTALL POLE	9	7	1		17	EA
645.271	REGULATORY, WARNING, CONFIRMATION AND ROUTE ASSEMBLY SIGN, TYPE 1	85		38	30	153	SF
645.292	REGULATORY, WARNING, CONF. AND ROUTE MARKER ASSEMBLY SIGNS TYPE II				97	97	SF
645.51	SPECIAL SIGNING	0.67		0.33		1	LS
652.311	TYPE II BARRICADE				4	4	EA
652.312	TYPE III BARRICADES	26	15			41	EA
652.313	TEMPORARY PEDESTRIAN BARRICADE - ADA COMPLIANT	210	160			370	LF
652.33	DRUM	50	50	25		125	EA
652.34	CONE	100	50	25	40	215	EA
652.35	CONSTRUCTION SIGNS	1200	1100	200		2500	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	(340 CD)	(310 CD)	(150 CD)	(30 CD)	1	LS
652.38	FLAGGERS	1800	1200	1200	420	4620	HR
652.381	TRAFFIC OFFICERS		120		100	220	HR
652.41	PORTABLE - CHANGEABLE MESSAGE SIGN	3	4			7	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	0.32	0.32	0.32	0.04	1	LS
659.10	MOBILIZATION	0.65	0.24	0.06	0.05	1	LS
660.21	ON-THE-JOB TRAINING	650	240	60	50	1000	HR

ESTIMATED QUANTITIES							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
803.01	TEST PITS	2	2			4	EA
841.49	BOLLARDS - COLLAPSIBLE			2		2	EA
910.301	SPECIAL WORK - SKEHAN'S TAX SIGN REMOVAL	1					LS
ITEMS SPECIFIC TO THE PRECAST BRIDGE UNIT - ALTERNATE 1							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
403.2081	HOT MIX ASPHALT - 12.5 MM (POLYMER MODIFIED)		25			25	T
403.2131	HOT MIX ASPHALT-12.5 MM (BASE AND INTERMEDIATE COURSE POLYMER MODIFIED)		25			25	T
409.15	BITUMINOUS TACK COAT, APPLIED		18			18	G
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS		(23 CY)			1	LS
506.9104	THERMAL SPRAY COATING (SHOP APPLIED)		(81900 LB)			1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE		(300 SY)			1	LS
530.04	PREFABRICATED BRIDGE STRUCTURE AND ASSEMBLY		1			1	LS
ITEMS SPECIFIC TO THE NEXT BEAM - ALTERNATE 2							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
531.51	BRIDGE STRUCTURE - DETAIL BUILD		1			1	LS
ESTIMATED QUANTITIES - CONSOLIDATED COMMUNICATIONS							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
202.15	REMOVING EXISTING MANHOLE OR CATCH BASIN		2			2	EA
203.3333	DISPOSAL/TREATMENT OF SPECIAL EXCAVATION	40				40	T
524.301	TEMPORARY STRUCTURAL SUPPORT - CONSOLIDATED COMMUNICATIONS	1				1	LS
604.158	UTILITY VAULT	3				3	EA
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	1		1	3	5	EA
629.05	HAND LABOR, STRAIGHT TIME	8				8	HR
652.38	FLAGGERS	954				954	HR
652.381	TRAFFIC OFFICERS	264				264	HR
803.01	TEST PITS	6				6	EA
845.10	STRUCTURAL UTILITY SUPPORT CONSOLIDATED COMMUNICATIONS	(980 LB)				1	LS
910.301	SPECIAL WORK - UTILITY CONDUIT (APPROACHES)	1				1	LS
ESTIMATED QUANTITIES - CITY OF GARDINER WATER DISTRICT							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
403.213	HOT MIX ASPHALT-12.5 MM (BASE AND INTER. COURSE)	30	30			60	T
403.2131	HOT MIX ASPHALT-12.5 MM (BASE AND INTER. COURSE POLY. MOD.)		10			10	T
501.25	24-INCH SCHEDULE 40 GALVANIZED STEEL CASING PIPE	40	12			52	LF
802.10	12-INCH DUCTILE IRON PIPE	90	80			170	LF
803.01	TEST PITS	3	3			6	EA
822.302	12-INCH PREINSULATED DUCTILE IRON PIPE	1	1			1	LS
822.322	6-INCH DUCTILE IRON WATER PIPE		30			30	LF
823.311	12-INCH GATE VALVE WITH BOX	1	1			2	EA
823.33	6-INCH GATE VALVE WITH BOX		1			1	EA
824.32	REMOVE/RESET HYDRANT			1		1	EA
825.321	1-INCH CORPORATIONS	1				1	EA
825.331	1-INCH CURB STOPS	1				1	EA
825.90	1-INCH PREINSULATED HEAT TRACED WATER SERVICE	1				1	LS
ESTIMATED QUANTITIES - CENTRAL MAINE POWER							
ITEM NO.	DESCRIPTION	QUANTITY WIN 18735.00	QUANTITY WIN 18736.00	QUANTITY WIN 18736.10	QUANTITY WIN 22684.00	TOTAL	UNIT
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE				1	1	EA



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

MULTWIN
BRIDGE PLANS

PROJ. MANAGER
L. TIMBERLAKE

BY
DOT

DATE
SEPT 2018

CHECKED-REVIEWED
LSF

DESIGNED-DETAILED
DOT

DESIGNED-DETAILED
DOT

LEAD TMM

Item Numbers Revised

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

SIGNATURE
P.E. NUMBER
DATE

GARDINER
RTE 9\126\US 201 & RTE 24

ESTIMATED QUANTITIES
(2 OF 2)

SHEET NUMBER
4 A
OF 7