



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

January 5, 2024
Subject: Branch Brook Bridge Culvert
Rehabilitation & Buffam Bridge Superstructure
Replacement
State WIN: 023188.00 & 023535.00
Location: Wells
Amendment No. 1

Dear Sir/Ms.:

There was an issue when originally posting the Contract Plans. The Plans have been reposted to the website and the existing plans for Buffam Bridge have been posted as well. There are no existing plans available for the Branch Brook Bridge. In addition, the Project Geotechnical Report and Hydraulic Report are now posted to the website.

In the Bid Book:

Remove Pages Sixteen to Twenty-One titled Proposal Schedule of Items dated 12/18/2023 and **Replace** with the attached Proposal Schedule of Items dated 1/3/2024.

In the Plan Sheets:

Remove from the Buffam Bridge plan set Sheet 2 ESTIMATED QUANTITIES & GENERAL CONSTRUCTION NOTES dated 12/14/2023 and **Replace** with the attached Sheet 2 ESTIMATED QUANTITIES & GENERAL CONSTRUCTION NOTES dated 1/3/2024.

In pen and ink, change the Q1.1 Headwater Elevation from 3.68 to 4.42 on Sheet 1, TITLE SHEET, of the Buffam Bridge Plans.

The following questions have been received:

Question: Are there any plans associated with the Branch Brook Bridge? The plan set on the website only includes plans for the Buffam Bridge.

Response: See above

Question: Where are the underwater grout bags to be used on the Buffam Bridge?

Response: The underwater grout bags are to be placed along the exposed footing on the downstream end of each abutment as stated in the annotation on the Buffam Bridge General Plan sheet (Sheet 3 of 27).

Consider these changes and information prior to submitting your bid on January 24, 2024.

Sincerely,



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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 023188.00

Project(s): 023188.00, 023535.00

SECTION: 1 INITIAL GROUP

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	202.10 REMOVING EXISTING SUPERSTRUCTURE (PROPERTY OF CONTRACTOR)	LUMP SUM				
0020	202.12 REMOVING EXISTING STRUCTURAL CONCRETE	95.000 CY				
0030	202.202 REMOVING PAVEMENT SURFACE	1,030.000 SY				
0040	203.20 COMMON EXCAVATION	580.000 CY				
0050	203.24 COMMON BORROW	230.000 CY				
0060	203.25 GRANULAR BORROW	70.000 CY				
0070	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	200.000 CY				
0080	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	500.000 CY				
0090	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	181.000 T				
0100	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	230.000 T				
0110	409.15 BITUMINOUS TACK COAT - APPLIED	102.000 G				

Maine Department of Transportation

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			Dollars	Cents	Dollars	Cents
0120	502.21 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	108.000 CY	_____	 _____	_____	 _____
0130	502.248 UNDERWATER GROUT BAGS	2.000 CY	_____	 _____	_____	 _____
0140	502.261 STRUCTURAL CONCRETE ROADWAY & SIDEWALK SLAB ON CONCRETE BRIDGE	LUMP SUM		LUMP SUM	_____	 _____
0150	502.31 STRUCTURAL CONCRETE APPROACH SLABS	LUMP SUM		LUMP SUM	_____	 _____
0160	502.325 STRUCTURAL CONCRETE CULVERT INVERT LINING	LUMP SUM		LUMP SUM	_____	 _____
0170	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP SUM		LUMP SUM	_____	 _____
0180	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	24,910.000 LB	_____	 _____	_____	 _____
0190	503.13 REINFORCING STEEL, PLACING	24,910.000 LB	_____	 _____	_____	 _____
0200	503.17 MECHANICAL WELDED SPLICE	46.000 EA	_____	 _____	_____	 _____
0210	507.0821 STEEL BRIDGE RAILING, 3 BAR	LUMP SUM		LUMP SUM	_____	 _____
0220	507.0822 STEEL APPROACH RAILING, 3-BAR	4.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0230	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP SUM	LUMP	SUM	_____	_____
0240	511.07 COFFERDAM: DOWNSTREAM BARREL 1	LUMP SUM	LUMP	SUM	_____	_____
0250	511.07 COFFERDAM: DOWNSTREAM BARREL 2	LUMP SUM	LUMP	SUM	_____	_____
0260	511.07 COFFERDAM: UPSTREAM BARREL 1	LUMP SUM	LUMP	SUM	_____	_____
0270	511.07 COFFERDAM: UPSTREAM BARREL 2	LUMP SUM	LUMP	SUM	_____	_____
0280	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP	SUM	_____	_____
0290	518.60 REPAIR OF VERTICAL SURFACES < 8 IN.	100.000 SF	_____	_____	_____	_____
0300	518.70 REPAIR OF OVERHEAD SURFACES < 8 IN.	50.000 SF	_____	_____	_____	_____
0310	524.301 TEMPORARY STRUCTURAL SUPPORT	LUMP SUM	LUMP	SUM	_____	_____
0320	524.301 TEMPORARY STRUCTURAL SUPPORT CONSOLIDATED COMMS	LUMP SUM	LUMP	SUM	_____	_____
0330	526.304 PORTABLE CONCRETE BARRIER, ANCHORED TYPE 1	LUMP SUM	LUMP	SUM	_____	_____

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			Dollars	Cents	Dollars	Cents
0340	527.34 WORK ZONE CRASH CUSHIONS	4.000 UN	_____	 _____	_____	 _____
0350	535.60 PRESTRESSED STRUCTURAL CONCRETE SLAB	LUMP SUM	LUMP SUM		_____	 _____
0360	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	470.000 LF	_____	 _____	_____	 _____
0370	606.1305 31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	1.000 EA	_____	 _____	_____	 _____
0380	606.1306 31" W-BM GR, MID-WAY SPLICE TANGENT TERMINAL	1.000 EA	_____	 _____	_____	 _____
0390	606.1721 BRIDGE TRANSITION - TYPE 1	4.000 EA	_____	 _____	_____	 _____
0400	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA	_____	 _____	_____	 _____
0410	610.08 PLAIN RIPRAP	175.000 CY	_____	 _____	_____	 _____
0420	613.319 EROSION CONTROL BLANKET	373.000 SY	_____	 _____	_____	 _____
0430	615.07 LOAM	58.000 CY	_____	 _____	_____	 _____
0440	618.14 SEEDING METHOD NUMBER 2	10.000 UN	_____	 _____	_____	 _____
0450	619.12 MULCH	10.000 UN	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0460	619.14 EROSION CONTROL MIX	133.000 CY	_____	 _____	_____	 _____
0470	620.58 EROSION CONTROL GEOTEXTILE	311.000 SY	_____	 _____	_____	 _____
0480	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,700.000 LF	_____	 _____	_____	 _____
0490	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	4,000.000 LF	_____	 _____	_____	 _____
0500	629.05 HAND LABOR, STRAIGHT TIME	96.000 HR	_____	 _____	_____	 _____
0510	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	60.000 HR	_____	 _____	_____	 _____
0520	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	60.000 HR	_____	 _____	_____	 _____
0530	639.19 FIELD OFFICE TYPE B	2.000 EA	_____	 _____	_____	 _____
0540	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP SUM	LUMP SUM		_____	 _____
0550	652.311 TYPE II BARRICADE	4.000 EA	_____	 _____	_____	 _____
0560	652.312 TYPE III BARRICADE	4.000 EA	_____	 _____	_____	 _____
0570	652.33 DRUM	100.000 EA	_____	 _____	_____	 _____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0580	652.34 CONE	250.000 EA	_____	 _____	_____	 _____
0590	652.35 CONSTRUCTION SIGNS	800.000 SF	_____	 _____	_____	 _____
0600	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM		 LUMP SUM	_____	 _____
0610	652.38 FLAGGER	500.000 HR	_____	 _____	_____	 _____
0620	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		 LUMP SUM	_____	 _____
0630	659.10 MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
0640	910.301 SPECIAL WORK UTILITY CONDUIT, CONSOL COMMS BR ONLY	LUMP SUM		 LUMP SUM	_____	 _____
Section: 1			Total:		_____	 _____
			Total Bid:		_____	 _____

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.10	REMOVING EXISTING SUPERSTRUCTURE - PROP. OF CONTRACTOR (70 CY)	1	LS
202.12	REMOVING EXISTING STRUCTURAL CONCRETE	95	CY
202.202	REMOVING PAVEMENT SURFACE	1,030	SY
203.20	COMMON EXCAVATION	580	CY
203.24	COMMON BORROW	230	CY
203.25	GRANULAR BORROW	70	CY
206.082	STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	200	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	500	CY
403.2081	12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	181	T
403.2131	12.5 MM POLYMER MODIFIED HMA BASE	230	T
409.15	BITUMINOUS TACK COAT - APPLIED	102	G
502.21	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	108	CY
502.248	UNDERWATER GROUT BAGS	2	CY
502.261	STRUCTURAL CONCRETE RDWY AND S/W SLAB ON CONC. BRIDGES (32 CY)	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLABS (3 CY)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS	1	LS
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	23,700	LB
503.13	REINFORCING STEEL, PLACING	23,700	LB
503.17	MECHANICAL WELDED SPLICE	46	EA
507.0821	STEEL BRIDGE RAILING, 3 BAR (50 LF)	1	LS
507.0822	STEEL APPROACH RAIL, 3 BAR	4	EA
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE (163 SY)	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (35 SY)	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT	1	LS
526.304	TEMPORARY CONCRETE BARRIER, ANCHORED (400 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	4	UN
535.60	PRESTRESSED STRUCTURAL CONCRETE SLAB (47 CY)	1	LS
606.1301	3" W-BM GR, MID-WAY SPLICE-SGL FACED	470	LF
606.1305	3" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	1	EA
606.1306	3" W-BM GR, MID-WAY SPLICE TANGENT TERMINAL	1	EA
606.1721	BRIDGE TRANSITION - TYPE 1	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
610.08	PLAIN RIPRAP	175	CY
613.319	EROSION CONTROL BLANKET	178	SY
615.07	LOAM	58	CY
618.14	SEEDING METHOD NUMBER 2	10	UN
619.12	MULCH	10	UN
619.14	EROSION CONTROL MIX	113	CY
620.58	EROSION CONTROL GEOTEXTILE	311	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,700	LF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	4,000	LF
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	40	HR
639.19	FIELD OFFICE TYPE B	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.312	TYPE III BARRICADE	4	EA
652.33	DRUM	50	EA
652.34	CONE	150	EA
652.35	CONSTRUCTION SIGNS	400	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	400	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

- For easements, construction limits, and right of way lines, refer to the Right of Way Map.
- The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract items.
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- Existing signs within the Project limits shall be removed and reset as directed by the Resident. Payment for removal and reinstallation of existing signs will be considered incidental to the Contract. No separate payment will be made.
- Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
- In areas where the Resident directs the Contractor not to excavate to the subgrade line shown on the plans, payment for removing existing pavement, grubbing, shaping, ditching, and compacting the existing subbase and layers of new subbase 6 inches or less thick will be made under appropriate equipment rental items.
- All embankment material, except as otherwise shown, shall be Granular Borrow meeting the requirements of Standard Specifications Subsection 703.19, Granular Borrow, for Material for Underwater Backfill.
- Place riprap on sideslopes up to EL. 209.1.
- Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
- 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 Pay Item 619.14, Erosion Control Mix.
- Place a 24 inch wide strip of Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.
- Guardrail posts as shown in the Standard Details shall be modified from the indicated length of 7 feet to a length of 8 feet with an embedment of 5.25 feet. Payment will be considered incidental to the guardrail pay items.
- A MASH 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, Fascias down to the drip notch, Top of abutment wingwalls, and To one foot below the ground on vertical walls against earth.
- Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>
- The existing bridge plans may be accessed at the MaineDOT web address. 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.
- Reports on hydrology and/or hydraulics applicable to the bridge site may be accessed at the MaineDOT web address. The reports are based on MaineDOT's interpretation of the information obtained for the subject site. No assurance is given that the information or the conclusions of the report will be representative of actual conditions at the time of construction.
- The project geotechnical report titled: Name of Report(s), Soils Report 2019-56, Dated August 27, 2019 may be accessed at the MaineDOT web address.
- Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay 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, except as follows:
 - If a Lump Sum pay item is eliminated, the requirements of Standard Specifications 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 Specifications Section 109.7, Equitable Adjustments to Compensation and Time.

- All costs for cofferdams, including pumping, maintenance, related temporary soil erosion and water pollution controls, and removal, will not be paid for directly, but will be considered incidental to related Contract items.
- The Contractor shall submit a Bridge Demolition Plan to the Resident at least 10 business days prior to the start of demolition work. The plan shall outline the methods and equipment to be used to remove and dispose of all materials included in the existing bridge. No work related to the removal of the bridge shall be undertaken by the Contractor until MaineDOT has reviewed the Bridge Demolition Plan for appropriateness and completeness. Payment for all work necessary for developing, submitting, and finalizing the Demolition Plan will be considered incidental to the bridge removal pay item.

ESTIMATED QUANTITIES - UTILITY SUPPORT			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
524.301	TEMPORARY STRUCTURAL SUPPORT - CONSOLIDATED COMMUNICATIONS	1	LS
629.05	HAND LABOR, STRAIGHT TIME	16	HR
910.301	SPECIAL WORK - UTILITY CONDUIT (CONSOL. COMM. - BRIDGE ONLY)	1	LS

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2353500 WIN 023535.00 BRIDGE NO. 2107 BRIDGE PLANS	BUFFAM BRIDGE WEBHANNET RIVER YORK COUNTY WELLS ESTIMATED QUANTITIES & GENERAL CONSTRUCTION NOTES	SHEET NUMBER <div style="font-size: 2em; font-weight: bold; margin: 10px 0;">2</div> OF 27
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