

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

Bruce A. Van Note

December 19, 2024

Subject: Meadowbrook Bridge Replacement

State WIN: 026442.00 Location: Vassalboro **Amendment No. 2** 

Dear Sir/Ms.:

Make the following changes to the bid documents:

In the Bid Book **Remove** Pages sixteen through nineteen titled Proposal Schedule of Items dated 12/9/2024 and **Replace** with the attached Proposal Schedule of Items dated 12/30/2024

In the Plan Set:

**Remove** Plan Sheet 2 titled ESTIMATED QUANTITIES & GENERAL CONSTRUCTION NOTES dated 11/20/2024 and **Replace** with the attached ESTIMATED QUANTITIES & GENERAL CONSTRUCTION NOTES 12/10/2024

The following questions have been received:

**Question:** Item 203.2318 Disposal of Special Waste 10 TN is not shown on the schedule of items or in the plans, but is included in the items in the .EBSX File, which one of these is correct?

**Response:** Please see revised Sheet #2 dated 12/10/2024. This includes item 203.2318 which works in conjunction with Special Provision Section 203 – Excavation and Embankment (Dredge Materials).

Consider these changes and information prior to submitting your bid on 01/08/2025.

Sincerely,

George M. A. Macdougall P.E.

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#### **Proposal Schedule of Items**

Page 1 of 5

**Proposal ID:** 026442.00 **Project(s):** 026442.00

**SECTION**: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
0010	202.19 REMOVING EXISTING BRIDGE	LUMP SUM	LUMP SUM	!	
0020	202.202 REMOVING PAVEMENT SURFACE	320.000 SY	!	!	
0030	203.20 COMMON EXCAVATION	770.000 CY		!	
0040	203.2318 DISPOSAL OF SPECIAL WASTE	10.000 T	!	!	
0050	203.24 COMMON BORROW	50.000 CY		!	
0060	203.25 GRANULAR BORROW	60.000 CY		!	
0070	203.33 SPECIAL FILL	120.000 CY	!	!	
0080	203.55 CULVERT BEDDING STONE	45.000 CY	!	!	
0090	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	60.000 CY	!	!	
0100	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	640.000 CY	!	!	
0110	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	130.000 T	!		
0120	403.213 HOT MIX ASPHALT 12.5 MM BASE	170.000 T	!	!	

#### **Proposal Schedule of Items**

Page 2 of 5

**Proposal ID:** 026442.00 **Project(s):** 026442.00

**SECTION:** 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
0130	409.15 BITUMINOUS TACK COAT - APPLIED	90.000 G	!	!	
0140	508.13 SHEET WATERPROOFING MEMBRANE	LUMP SUM	LUMP SUM	!	
0150	511.07 COFFERDAM: DOWNSTREAM	LUMP SUM	LUMPSUM		
0160	511.07 COFFERDAM: UPSTREAM	LUMP SUM	LUMP SUM	!	
0170	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP SUM		
0180	526.301 PORTABLE CONCRETE BARRIER TYPE I	LUMP SUM	LUMP SUM		
0190	534.71 PRECAST CONCRETE BOX CULVERT	LUMP SUM	LUMP SUM		
0200	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	262.500 LF	!		
0210	606.1305 31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	4.000 EA	!	!	
0220	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA	!	!	
0230	606.743 GUARDRAIL - SINGLE RAIL CULVERT MOUNTED	44.000 LF	!		
0240	610.08 PLAIN RIPRAP	180.000 CY	<u></u>		

#### **Proposal Schedule of Items**

Page 3 of 5

**Proposal ID:** 026442.00 **Project(s):** 026442.00

**SECTION:** 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
0250	610.18 STONE DITCH PROTECTION	10.000 CY	!		
0260	610.213 VOID FILLED RIPRAP	80.000 CY	!	!	
0270	613.319 EROSION CONTROL BLANKET	60.000 SY	!	!	
0280	615.07 LOAM	50.000 CY	!	!	
0290	618.14 SEEDING METHOD NUMBER 2	8.000 UN	!	!	
0300	619.12 MULCH	8.000 UN			
0310	619.14 EROSION CONTROL MIX	100.000 CY			
0320	620.54 STABILIZATION/REINFORCEMENT GEOTEXTILE	210.000 SY	!	<u>!</u>	
0330	620.58 EROSION CONTROL GEOTEXTILE	215.000 SY	!	!	
0340	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,200.000 LF	!	!	
0350	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR	!		
0360	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20.000 HR	!		

#### **Proposal Schedule of Items**

Page 4 of 5

**Proposal ID:** 026442.00 **Project(s):** 026442.00

**SECTION**: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
0370	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR	<u></u> !	!	
0380	639.19 FIELD OFFICE TYPE B	1.000 EA	!	!	
0390	652.312 TYPE III BARRICADE	4.000 EA	!	!	
0400	652.33 DRUM	25.000 EA	<u> </u>	!	
0410	652.34 CONE	50.000 EA	<u> </u>		
0420	652.35 CONSTRUCTION SIGNS	310.000 SF	!		
0430	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP SUM	!	
0440	652.38 FLAGGER	100.000 HR	<u> </u>	!	
0450	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	2.000 EA	!	!	
0460	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM		
0470	659.10 MOBILIZATION	LUMP SUM	LUMPSUM		
0480	834.322 DRY HYDRANT - INSTALL ONLY	LUMP SUM	LUMP SUM		

	Proposal Schedule	Page 5 of 5	
<b>Proposal ID:</b> 026442.00	Р	roject(s): 026442.00	
	Section: 1	Total:	!
		Total Rid:	

TEM NO.	ESTIMATED QUANTITIES  DESCRIPTION	QUANTITY	UNIT
202.19	Removing Existing Bridge (100 CY)	1	LS
202.202	Removing Pavement Surface	320	SY
203.20	Common Excavation	770 10	CY T
203.23 <i>1</i> 6	Disposal of Special Waste  Common Borrow	50	CY
	Granular Borrow	60	CY
203.33	Special Fill	120	CY
203.55	Culvert Bedding Stone	45	CY
206.061	Structural Earth Excavation - Drainage & Minor Structures Below Grade	60	CY
304.10	Aggregate Subbase Course - Gravel	640	CY
403.208	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size	/30	T
403.213	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (Base and Intermediate Base Course)	170	T
409.15	Bituminous Tack Coat, Applied	90	G
508.13	Short Waterproofing Membrane (60, SY)	,	LS
500.13 511 <b>.</b> 07	Sheet Waterproofing Membrane (60 SY) Cofferdam: Upstream	/	LS
5/1 <b>.</b> 07	Cofferdam: Downstream	/	LS
515 <b>.</b> 21	Protective Coating for Concrete Surfaces (60 CY)	,	LS
526.301	Portable Concrete Barrier Type I (60 LF)	1	LS
534.71	Precast Concrete Box Culvert (I20 CY)	1	LS
606.1301	31" W-Beam Guardrail - Mid-Way Splice - Single Faced	262.5	<u>LF</u>
606 <b>.</b> /305		4	EA
606.353		8	EA
606.743	Guardrail - Single Rail Culvert Mounted	44	LF
610.08	Plain Riprap	180	CY
610.18	Stone Ditch Protection	10	CY
610.213	Void Filled Riprap	80	CY
613.319	Erosion Control Blanket	60	SY
615 <b>.</b> 07	Loam	50	CY
618.14	Seeding Method Number 2	8	UN
619.12	Mulch	8	UN
619.14	Erosion Control Mix	100	CY
620.54	Stabilization/Reinforcement Geotextile	210	SY
620.58	Erosion Control Geotextile	215	SY
627.733	4" White or Yellow Painted Pavement Marking Line	1200	LF HD
629.05	Hand Labor, Straight Time	40	HR
631.12	All Purpose Excavator (including operator)  Truck-large (including operator)	20	HR HR
631.172 639.19	Truck-large (including operator) Field Office, Type B	10	EA
652.3 <i>1</i> 2	Type III Barricades	4	EA EA
652.33	Drum	25	EA EA
652.34	Cone	50	EA
652.35	Construction Signs	3/0	SF
<i>652.38</i>	Flaggers	100	HR
652.361	Maintenance of Traffic Control Devices (I20 CD)	1	LS
<i>652.41</i>	Portable Changeable Message Sign	2	EA
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
659.10	Mobilization	1	LS
834.322	Dry Hydrant - Install Only	1	LS

## GENERAL CONSTRUCTION NOTES

- I. For easements, construction limits, and right of way lines, refer to the Right of Way Map.
- 2. 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.
- 3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- 4. Two reflectorized guardrail markers will be installed at each guardrail end.
- 5. Where called for on the Plans, where new pavement joins existing pavement, the existing pavement shall be sawcut along a smooth line to a neat, even, vertical joint as directed by the Resident. Broken or raveled edges will not be permitted. All work necessary for the preparation of this joint will be considered incidental to the related contract items.
- 6. 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 with the additional requirement that the maximum particle size shall be limited to 4 inches.
- 7. Place riprap on sideslopes according to plan view.
- 8. Stones which cannot be rolled or compacted into the surface of the shoulder shall be removed by hand raking. Payment for hand raking will be considered incidental to Pay Item 304.10, Aggregate Subbase Course Gravel.
- 9. Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
- 10. 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.
- II. Place a 24 inch wide strip of Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.
- 12. A MASH compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.
- I3. Where it is apparent that runoff will cause continual erosion, Erosion Control Blanket, seeded gutters, riprap downspouts, and other gutters lined with Stone Ditch Protection shall be constructed after paving and shoulder work is completed. Payment will be made under the appropriate Contract items
- 14. Protective Coating for Concrete Surfaces shall be applied to the following areas:
  - Concrete headwalls, including to one foot inside the box; Exposed tops of vertical walls and to one foot below the ground on the back side; Exposed faces of vertical walls and to one foot inside the box.
- I5. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/
- 16. 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.
- I7. 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.
- 18. The project geotechnical report titled: Geotechnical Design Report, Meadow Brook Bridge Culvert Replacement, Bridge NO. 5856, Vassalboro, Maine, dated November 24, may be accessed at the MaineDOT web address.
- 19. Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and the 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 Bidders' or Contractor's interpretations of, or conclusions drawn from, the geotechnical information. The boring logs contained in the plan set present factual and interpretive subsurface information collected at discrete locations. Data provided may not be representative of the subsurface conditions between the boring locations.
- 20. 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:
  - a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.
  - b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
  - c. 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.
- 21. Additional posts required in advance of and behind Item 606.743, Guardrail Single Rail Culvert Mounted will be considered incidental to Item 606.1301, 31" W-Beam Guardrail Mid-Way Splice Single
- 22. Parcel(s) #1,#2,#3 and #4 are held in reserve as indicated in Special Provision 104 General Rights and Responsibilities (Reserved Limits).

		IAIION						BRIDGE PLANS	
STATE OF MAINE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2644200			WIN BRIDGE NO. 5856 <b>26442.00</b> E		
		SIGNATURE			P.E. NUMBER		THE	DAIE	
DATE	11/2024								
BY	MRP								
PROJ. MANAGER GERALD LIBBY, JR.	DESIGN-DETAILED R. NAOUS	CHECKED-REVIEWED	DESIGN2-DETAILED2	DESIGN3-DETAILED3	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
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