



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

July 17, 2025
Subject: Bridge Improvements
WIN: 028530.00
Location: **Falmouth, Yarmouth,
Freeport, Brunswick & Topsham**
Amendment No. 2

Dear Sir/Ms.:

In the Contract Bid Book:

REMOVE pages 16 through 20, "Proposal Schedule of Items" dated 06/18/2025, and
REPLACE with the attached revised "Proposal Schedule of Items", 11 pages, dated 07/15/2025.

REMOVE page 86 "**SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF
WORK (Cooperation Among Contractors)**", 1 page, dated 07/10/2025, and **REPLACE** with
the attached revised "**SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF
WORK (Cooperation Among Contractors)**", 1 page, dated 07/16/2025.

REMOVE pages 101 through 102, "**SPECIAL PROVISION SECTION 107 TIME**" dated
06/11/2025 and **REPLACE** with the attached revised "**SPECIAL PROVISION SECTION 107
TIME**", 2 pages, dated 07/16/2025.

REMOVE pages 171 through 173, "**SPECIAL PROVISION SECTION 524 TEMPORARY
STRUCTURAL SUPPORTS**" dated 06/11/2025 and **REPLACE** with the attached revised
"**SPECIAL PROVISION SECTION 524 TEMPORARY STRUCTURAL SUPPORTS**", 3 pages,
dated 07/16/2025.

In the Plan Set:

REMOVE plan sheet 2, "**GENERAL CONSTRUCTION NOTES AND QUANTITIES**" dated
06/11/2025 and **REPLACE** with the attached revised "**GENERAL CONSTRUCTION NOTES
AND QUANTITIES**", 1 page, dated 07/14/2025.

REMOVE plan sheet 7, "**BRIDGE DETAILS (2 OF 15)**" dated 06/11/2025 and **REPLACE**
with the attached revised "**BRIDGE DETAILS (2 OF 15)**", 1 page, dated 07/15/2025.

The following questions have been received:

Question: According to special provision section 107, there is no provision for lane shifts, or long-term lane closures at bridge #5828 where the type 5 joint replacements are to take place.

Also, at this location, the bridge is only 31.32' from curb to curb. Even if lane shifts were allowed, there is not enough room to establish an adequate work zone to complete the work. Maintaining two eleven-foot lanes, two one-foot shoulders and a barrier or barrel leaves the contractor with 5.32' meaning in order to construct the joints in lane shifts and phases it would take the contractor 6 phases to get across the bridge.

Would the department consider allowing the contractor 10 days of 24H lane closures per lane to complete these type 5 Joint Replacements? It is our belief that this is a safer and more reasonable approach to completing this work.

Response: As stated in the 107 Special Provision, lane closures and lane shifts between the hours of 5:30 AM and 7:30 PM will not be permitted for bridges #1137, #1138, #1505, #1507, #1508, #5828, #5832, and #5834. Item 524.50 Temporary Roadway Mat is included in the Contract to provide protection for the traveling public and the work area during non-work hours.

Question: Would the Department please provide the anticipated dead and live loads for the bearings to be modified under item 524.301 Temporary Structural Supports?

Response: Please see the updated 524.301 Temporary Structural Support Special Provision that includes the requested information.

Question: There is a joint on bridge #1505 over the Presumpscot River that appears to be damaged, however, the plans call out for a Type 2 Modification. If significant repairs are needed to the joint armor, how is this work going to be paid?

Response: The scope of work on this joint has been changed from Type 2 Modification to Type 5 Modification. Please see the updated Plans and Schedule of Items.

Question: Based on the Cooperation Between Contractors provision, there appears to be a lot of active work in the area. Are there bridges that should be done earlier to avoid conflict with work zones?

Response: Please see the attached updated 105 Cooperation Between Contractors and 107 Time Special Provisions.

Question: There is not enough smart work zones listed for this project given the distance between bridges and traffic

Response: The number of smart work zones originally estimated for this project was based on a theoretical construction schedule based on progression from one bound to the other. The quantity of smart work zones has been updated to include two each of the Type 1 and Type 2 zones to allow for other construction schedules. The number of smart work zones of each type will be paid at the maximum number of work zones in operation at any given time.

Consider these changes and information prior to submitting your bid on **July 23, 2025.**

Sincerely,



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

7/15/2025

Maine Department of Transportation

Proposal Schedule of Items

Page 1 of 5

Proposal ID: 028530.00

Project(s): 028530.00

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	202.127 REMOVE EXISTING BITUMINOUS PAVEMENT	LUMP SUM				
0020	202.202 REMOVING PAVEMENT SURFACE	25,800.000 SY				
0030	202.205 RUMBLE STRIPS - SHOULDER	20,000.000 LF				
0040	202.207 RUMBLE STRIPS, FILL	20,000.000 LF				
0050	203.20 COMMON EXCAVATION	10.000 CY				
0060	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	2,300.000 T				
0070	403.211 HOT MIX ASPHALT (SHIMMING)	90.000 T				
0080	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	170.000 T				
0090	409.15 BITUMINOUS TACK COAT - APPLIED	1,500.000 G				
0100	410.25 ASPHALT-RUBBER SURFACE TREATMENT WITH AGGREGATE COVER	2,050.000 SY				
0110	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM				

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 028530.00

Project(s): 028530.00

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
0120	518.391 REPAIRING GRANITE CURB JOINT AND BEDDING MORTAR	460.000 LF	_____	_____	_____	_____
0130	518.51 REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 8 IN.	2,500.000 SF	_____	_____	_____	_____
0140	518.60 REPAIR OF VERTICAL SURFACES < 8 IN.	18.000 SF	_____	_____	_____	_____
0150	519.58 EPOXY INJECTION OF CRACKS	80.000 LF	_____	_____	_____	_____
0160	519.60 EXPANSION DEVICE - ASPHALTIC PLUG JOINT	340.000 LF	_____	_____	_____	_____
0170	520.241 BRIDGE JOINT MODIFICATION TYPE 1	1.000 EA	_____	_____	_____	_____
0180	520.242 BRIDGE JOINT MODIFICATION TYPE 2	1.000 EA	_____	_____	_____	_____
0190	520.243 BRIDGE JOINT MODIFICATION TYPE 3	15.000 EA	_____	_____	_____	_____
0200	520.244 BRIDGE JOINT MODIFICATION TYPE 4	3.000 EA	_____	_____	_____	_____
0210	520.245 BRIDGE JOINT MODIFICATION TYPE 5	3.000 EA	_____	_____	_____	_____
0220	523.26 EXPANSION BEARING - MODIFICATION	4.000 EA	_____	_____	_____	_____

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 028530.00

Project(s): 028530.00

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
0230	524.301 TEMPORARY STRUCTURAL SUPPORT	LUMP SUM				
0240	524.50 TEMPORARY ROADWAY MAT	22.000 EA				
0250	604.32 8" WIDE CHANNEL DRAIN	50.000 LF				
0260	609.38 RESET CURB TYPE 1	18.000 LF				
0270	619.14 EROSION CONTROL MIX	10.000 CY				
0280	627.51 6" TEMPORARY PAVEMENT TAPE, YELLOW OR WHITE	14,300.000 LF				
0290	627.57 12" REMOVABLE BLACK LINE MASKING TAPE	8,150.000 LF				
0300	627.745 6" WHITE OR YELLOW POLYUREA PAVEMENT MARKING LINE (RECESSED)	30,900.000 LF				
0310	627.77 REMOVING PAVEMENT MARKINGS	7,150.000 SF				
0320	627.783 TEMPORARY 6 INCH POLYUREA PAVEMENT MARKING LINE, WHITE OR YELLOW	30,900.000 LF				
0330	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR				

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 028530.00

Project(s): 028530.00

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
0340	631.112 WELDING MACHINE (INCLUDING OPERATOR)	30.000 HR	_____	 _____	_____	 _____
0350	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	25.000 HR	_____	 _____	_____	 _____
0360	631.133 SKID STEER (INCLUDING OPERATOR)	40.000 HR	_____	 _____	_____	 _____
0370	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	30.000 HR	_____	 _____	_____	 _____
0380	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0390	652.30 FLASHING ARROW BOARD	2.000 EA	_____	 _____	_____	 _____
0400	652.312 TYPE III BARRICADE	25.000 EA	_____	 _____	_____	 _____
0410	652.33 DRUM	100.000 EA	_____	 _____	_____	 _____
0420	652.34 CONE	100.000 EA	_____	 _____	_____	 _____
0430	652.35 CONSTRUCTION SIGNS	700.000 SF	_____	 _____	_____	 _____
0440	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP SUM		_____	 _____
0450	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	8.000 EA	_____	 _____	_____	 _____

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 028530.00

Project(s): 028530.00

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
0460	652.441 TYPE 1 SMART WORK ZONE SYSTEM	2.000 EA	_____	 _____	_____	 _____
0470	652.442 TYPE 2 SMART WORK ZONE SYSTEM	2.000 EA	_____	 _____	_____	 _____
0480	652.45 AUTOMATED TRAILER MOUNTED SPEED LIMIT SIGN	2.000 EA	_____	 _____	_____	 _____
0490	652.46 SEQUENTIAL FLASHING WARNING LIGHTS	14.000 EA	_____	 _____	_____	 _____
0500	652.47 TEMPORARY PORTABLE RUMBLE STRIP	14.000 GP	_____	 _____	_____	 _____
0510	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		LUMP SUM	_____	 _____
0520	659.10 MOBILIZATION	LUMP SUM		LUMP SUM	_____	 _____
0530	910.50 WORK ZONE SAFETY	LUMP SUM		LUMP SUM	_____	 _____
Section: 1			Total:		_____	 _____
			Total Bid:		_____	 _____

I-295 NB & SB,
Falmouth To Topsham
WIN 028530.00
July 16, 2025

SPECIAL PROVISION
SECTION 105
GENERAL SCOPE OF WORK
(Cooperation Between Contractors)

It is hereby brought to the Contractor's attention that the Department has awarded and plans to award contracts adjacent to the limits of this contract, which may be in progress simultaneously.

The Contractor shall cooperate with other Contractors at all times and provide project access as necessary and as directed by the Resident.

SPECIAL PROVISION
SECTION 107
TIME

(Supplemental Liquidated Damages and Completion Date)

For all Work associated with this Contract, the following applies:

Daytime lane closures are not allowed. Nighttime lane closures and/or lane shifts are not allowed between December 1 and March 31. Lane shifts are allowed for bridges #1510, #1511, #1512, #6268, #6269 and #6270 at all times of day when two 12' lanes with 1' shoulders can be maintained, as shown on plans, between April 1 and November 30, unless otherwise specified herein. Nighttime Lane closures, as shown on the plans, for bridges #1510, #1511, #1512, #6268, #6269 and #6270 are allowed between the hours of 6:00 PM and 7:00 AM, between April 1 and November 30, unless otherwise specified herein. Nighttime Lane closures for bridges #1137, #1138, #1505, #1507, #1508, #5828, #5832, and #5834 are allowed between the hours of 7:30 PM and 5:30 AM, between April 1 and November 30, unless otherwise specified herein.

All lane closures and lane shifts shall be removed and all four lanes and shoulders restored for unrestricted traffic during the following holiday periods:

- Labor Day Weekend: 7:00 AM Friday August 29, 2025 to 1:00 AM Tuesday September 2, 2025;
- Indigenous People's Day: 7:00 AM Friday October 10, 2025 to 1:00 AM Tuesday October 14, 2025;
- Veteran's Day: 7:00 AM Friday November 7, 2025 to 1:00 AM Tuesday November 12, 2025;
- Thanksgiving: 7:00 AM Wednesday November 26, 2025 to 7:00 PM Sunday November 30, 2025.
- Memorial Day Weekend: 7:00 AM Friday May 22, 2026 to 1:00 AM Tuesday May 26, 2026;
- July 4th Weekend: 7:00 AM Thursday July 2, 2026 to 7:00 PM Sunday July 5, 2025.
- Labor Day Weekend: 7:00 AM Friday September 4, 2026 to 1:00 AM Tuesday September 8, 2026

The Contractor will be assessed Supplemental Liquidation Damages for each lane that remains closed after the specified lane opening time, as specified herein, as follows:

Time After Specified Lane Opening Time	Incremental Supplemental Liquidated Damage	Cumulative Supplemental Liquidated Damage
Zero to 15 Minutes	\$1,250	\$1,250
16 Minutes to 30 Minutes	\$2,500	\$3,750
31 Minutes to 45 Minutes	\$5,000	\$8,750
46 Minutes to 60 Minutes *	\$10,000	\$18,750

* After 60 minutes, an additional assessment of \$2,500.00 for each 15-minute time period, or portion thereof, will be made.

All Work associated with bridges #1505, #1507, #1508, #1138, and #5828 shall be completed by June 27, 2026. The Contractor will be assessed Supplemental Liquidated Damages at the rate of Ten Thousand Dollars (\$10,000) per Day, or portion of a Day, that all Work on the aforementioned bridges is not complete after June 27, 2026.

Applicable charges will be deducted from any monies due the Contractor for Work performed. Deduction will be based on the applicable rate for any and all closures whether Work is being performed or not. This assessment of Supplemental Liquidated Damages will be in addition to the Liquidated Damages specified in Section 107 of the Standard Specification.

Contract Completion Date is October 9, 2026.

SPECIAL PROVISION
SECTION 524
TEMPORARY STRUCTURAL SUPPORTS

The following is added to Standard Specification section 524:

524.01 Description

This work shall consist of furnishing all labor, tools, and equipment for the jacking and temporary support of the existing superstructure at abutments to enable expansion bearing modification including placement of bearing shim plates and all other related work. This work shall also consist of designing, fabricating, erecting, operating, maintaining, and dismantling the temporary structural supports and jacking system required to perform the work.

524.03 Materials

Materials used for the supports shall be structural grade sawn timber, structural steel, or a combination of both at the Contractor's option. All support materials, whether new or used, shall be sound and of adequate cross section for the intended loads. All structural steel shall have a minimum yield strength of 36,000 psi.

Blocking and/or pads required to accommodate differences in elevation and/or distribute loads may additionally incorporate leveling grout, plain and/or reinforced concrete.

524.03 Design

The Contractor shall submit a Temporary Support Plan to the Resident at least 30 business days prior to the start of work. The plan shall outline the methods and equipment to be used to support the bridge during bearing modification work, as well as what traffic may be present, and the safety risks associated to the work.

The Contractor is responsible for the complete design of the bridge jacking procedures and the materials used. The Contractor shall furnish and place all bracing, shoring, blocking, cribbing, temporary structural steel, timber, shims, wedges, hydraulic jacks, and any other materials and equipment necessary for safe and proper execution of the work. Design and load requirements shall conform to the most current edition of the AASHTO LRFD Bridge Design Specifications, applicable Interim Specifications, and these Specifications, unless otherwise noted on the Plans.

The Bridge No. 5834 Yarmouth Abutment 2 unfactored bearing loads are as follows:

	Unfactored Dead Load (kips)	Unfactored Live Load (kips)
Interior Girder	60	100
Exterior Girder	55	65

The Bridge No. 6270 Topsham Abutment 2 unfactored bearing loads are as follows:

	Unfactored Dead Load (kips)	Unfactored Live Load (kips)
Interior Girder	55	115
Exterior Girder	50	70

The above loads are the existing unmodified dead loads per the as-built plans and HL-93 Modified live load, including impact. Formwork or other additional maintenance and incidental loads were not considered. If any forms or any other loads are in place during the proposed jacking process, those loads shall be considered in the design of the Temporary Support.

The Contractor shall provide a jacking system and a temporary support system with a capacity of at least 150% of the unfactored jacking loads. If loads are found in excess of these limits, the jacking operations shall cease and the Resident shall be notified. Jacking operations may not resume until the Professional Engineer for the Contractor provides guidance.

The Contractor shall make provisions to prevent longitudinal and transverse movement of the superstructure as well as twisting of the beams/girders during the jacking operations and while the beams are temporarily supported. These provisions shall be submitted to the Resident for review. The jacking system and temporary structural support shall be designed and sealed by a Professional Engineer licensed in the State of Maine. Design computations, plans, details, working drawings, and other documentation necessary to complete the work and certify conformance with these provisions shall be submitted to the Department prior to beginning this work. The Department shall have no obligation to review or comment on the design of the Contractor's jacking system. No review or comment by the Department, or any lack of review or comment by the Department, shall relieve the Contractor of its responsibility to properly design, construct, maintain, and remove the jacking system in accordance with the Contract, or shall shift any responsibility to the Department.

The Contractor shall ensure that the jacking system is stable and make provisions to remove or reset the jacks before or during an anticipated storm event.

524.04 Erection and Removal

It shall be the Contractor's responsibility to prevent any damage to the structure. Should any damage result from this work, the Contractor shall make repairs at no additional cost to the Department. Any such repair work is subject to the review of and acceptance by the Resident. The Contractor may support the jacking systems and temporary structural support systems off the bearing seats, front face of the abutment stem wall, tops of footings or Contractor-furnished blocking systems. Bracing shall be provided to maintain the superstructure in a stable condition during the jacking operations and while temporarily supported. The jacking shall be synchronized so that all portions of the girders are raised by approximately equal amounts simultaneously. A maximum of 1/4 inch differential movement between adjacent girders will be permitted during jacking operations. The process of temporary structural supports removal and the jacking operation to lower the bridge back onto the bearings shall be completed in a manner similar to that of the erection process. Drawings showing the proposed method to raise, temporarily support, and brace the superstructure shall be stamped by a Licensed Professional Engineer licensed in the State of Maine, and shall be submitted to the Resident for review prior to starting work.

All fabrication of structural steel shall be done in conformance with the latest AASHTO, American Welding Society, and MaineDOT specifications.

524.05 Method of Measurement

Temporary Structural Supports will be measured by the lump sum, satisfactorily designed, erected, and dismantled. Temporary supports used by the Contractor for their convenience will not be measured for payment, but will be considered incidental to the Temporary Structural Support pay. The work associated with removal and reinstallation of the existing highway appurtenances (e.g., riprap, guardrails, sign supports, etc.) to facilitate the erection of temporary supports will not be measured for payment, but will be considered incidental to the Temporary Structural Support pay item.

524.06 Basis of Payment

Temporary structural supports will be paid for at the Contract lump sum price, which shall be full compensation for all material, equipment, labor, and incidentals necessary to design, erect, maintain, and dismantle the jacking and temporary support of the existing superstructure.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
524.301 Temporary Structural Support	Lump Sum

Date: 7/14/2025

Username: mchipman

Division: HIGHWAY

Filename: ... \BRIDGE\WSTA\002_Quantities.dgn

ESTIMATED I-295 BRIDGE QUANTITIES																	
ITEM NO.	DESCRIPTION	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	TOTAL	UNIT
		Bridge No. 5828	Bridge No. 1505	Bridge No. 5832	Bridge No. 1507	Bridge No. 5834	Bridge No. 1508	Bridge No. 1137	Bridge No. 1138	Bridge No. 6268	Bridge No. 1510	Bridge No. 6269	Bridge No. 1511	Bridge No. 6270	Bridge No. 1512		
202.127	Removing of Existing Bituminous Pavement											0.22	0.22	0.28	0.28	1	LS
202.202	Removing Pavement Surface	1671	1671	1053	1053	2263	2263	1396	1350	4196	4196	1475	1475	869	869	25800	SY
202.205	Rumble Strips - Shoulder	1540	1540	1180	1160	1180	1160	1530	1530	640	640	2300	2300	1650	1650	20000	LF
207.207	Rumble Strips, Fill	1540	1540	1180	1160	1180	1160	1530	1530	640	640	2300	2300	1650	1650	20000	LF
203.20	Common Excavation							3.00	7.00							10	CY
403.2081	Hot Mix Asphalt - 12.5 mm (Polymer Modified)	138	138	87	87	187	187	115	111	346	346	159	159	120	120	2300	T
403.211	Hot Mix Asphalt - Shim	10	10	5	5	5	5	5	5	10	10	5	5	5	5	90	T
403.2131	Hot Mix Asphalt, 12.5 mm (base and intermediate course Polymer Modified)					2						36	36	48	48	170	T
409.15	Bituminous Tack Coat, Applied	85	85	55	55	115	115	75	75	210	210	120	120	90	90	1500	GAL
410.25	Asphalt - Rubber Membrane					20						440	440	580	570	2050	SY
515.21	Protective Coating for Concrete Surface (2100 SY)	0.08	0.08	0.04	0.04	0.06	0.06	0.03	0.03	0.23	0.23	0.02	0.02	0.04	0.04	1	LS
518.391	Repairing Granite Curb Joint and Bedding Mortar							19	19	165	165	19	19	27	27	460	LF
518.51	Repair of Upward Facing Surfaces- below Reinforcing Steel < 8 inches	439	439	271	271	313	313	227	197	5	5	5	5	5	5	2500	SF
518.60	Repair of Vertical Surfaces < 8 in.							6			12					18	SF
519.58	Epoxy Injection of Cracks					80										80	LF
519.60	Expansion Device - Asphaltic Plug Joint				43	32		92	89			42	42			340	LF
520.241	Bridge Joint Modification Type 1										1					1	EA
520.242	Bridge Joint Modification Type 2		1													1	EA
520.243	Bridge Joint Modification Type 3			2	1	1	2			2	1	1	1	2	2	15	EA
520.244	Bridge Joint Modification Type 4				1			1	1							3	EA
520.245	Bridge Joint Modification Type 5	2	1													3	EA
523.26	Expansion Beading Modification					3								1		4	EA
524.301	Temporary Structural Support					0.5								0.5		1	LS
524.50	Temporary Roadway Mat	2	2	2	2	1	2	1	1	2	1	1	1	2	2	22	EA
604.32	8" Wide Channel Drain									50						50	LF
609.38	Reset Curb Type I							6			12					18	LF
619.14	Erosion Control Mix	5							5							10	CY
627.51	6" Temporary Pavement Tape, Yellow or White	1100	1100	750	750	900	900	670	670	2310	2310	670	670	750	750	14300	LF
627.57	12" Removable Black Line Masking Tape					1540						1630	1630	1675	1675	8150	LF
627.745	6" White or Yellow Polyurea Pavement Marking Line (recessed)	1500	1500	2310	1070	1260	2030	950	950	3900	3150	4660	1720	1070	4830	30900	LF
627.77	Removing Existing Pavement Marking	550	550	375	375	450	450	335	335	1155	1155	335	335	375	375	7150	SF
627.783	Temporary 6" White or Yellow Polyurea Pavement Marking Line	1500	1500	2310	1070	1260	2030	950	950	3900	3150	4660	1720	1070	4830	30900	LF
629.05	Hand Labor, Straight Time	5	5	2	2	2	2	2	2	5	5	2	2	2	2	40	HR
631.112	Welding Machine (including operator)	2	2	2	2	2	2	2	2	2	2	2	2	3	3	30	HR
631.12	All Purpose Excavator (including operator)					5		5	5			5	5			25	HR
631.133	Skid Steer (including operator)	5	5	2	2	2	2	2	2	5	5	2	2	2	2	40	HR
631.172	Truck-Large (including operator)	2	2	2	2	2	2	2	2	2	2	2	2	3	3	30	HR
639.19	Field Office Type B	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	1	EA
652.30	Flashing Arrow Board	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	2	EA
652.312	Type III Barricades	2	2	1	1	2	2	1	1	4	4	1	1	1	1	25	EA
652.33	Drum	7	7	7	7	7	7	7	7	7	7	7	7	7	7	100	EA
652.34	Cone	7	7	7	7	7	7	7	7	7	7	7	7	7	7	100	EA
652.35	Construction Signs	50	50	50	50	50	50	50	50	50	50	50	50	50	50	700	SF
652.361	Maintenance of Traffic Control Devices	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	1	LS
652.41	Portable-Changeable Message Sign	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.58	0.58	8	EA
652.441	Type 1 Smart Work Zone System	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25							2	EA
652.442	Type 2 Smart Work Zone System									0.33	0.33	0.33	0.33	0.34	0.34	2	EA
652.45	Automatic Trailer Mounted Speed Limit Sign	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.16	0.16	2	UN
652.46	Sequential Flashing Warning Lights	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	UN
652.47	Temporary Portable Rumble Strip	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	GP
656.75	Temporary Soil Erosion and Water Pollution Control	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	1	LS
659.10	Mobilization	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	1	LS
910.50	Work Zone Safety	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	1	LS

Note: Estimated Quantities for each bridge are provided here for reference purposes only.

GENERAL CONSTRUCTION NOTES

1. Project information referred to below may be accessed at the following MaineDOT web address:
<http://www.maine.gov/mdot/contractors/>
2. All dimensions, angles, and stationing shown on existing plans are taken from as-built construction drawings from 1958 through 2018 and are not guaranteed to be correct. All information based on or relating to the existing bridges shall be verified in the field by the Contractor.
3. 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 the 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.
4. Reinforcing steel shall have a minimum concrete cover of 2" unless otherwise noted.
5. All reinforcing steel that is to be exposed and reused shall be cleaned by a method approved by the Resident. Payment shall be incidental to the related Contract Items.
6. Any damage to existing concrete, reinforcing steel, joint steel, or joint seals resulting from the work performed shall be repaired or replaced by a method approved by the Resident at no cost to the Department.

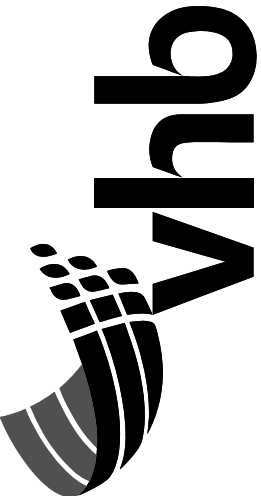
7. New seals indicated to be replaced shall extend the full width of the bridge plus a distance of 6" beyond the outside face of the barrier on each side of the bridge after all other joint work is complete. The Resident shall approve the seals prior to ordering or fabrication of the Expansion Device.
8. All existing materials which are removed from the work area shall be removed from the site and properly disposed of by the Contractor. These existing materials include, but are not limited to, concrete, steel joint armor, reinforcing steel, silt, and other debris on or attached to the structure within the work areas. The cost of removal and disposal shall be incidental to the cost of the work items for which these removals are required.
9. If the depth of deteriorated concrete is at/or below the reinforcing steel, then remove the concrete to a minimum depth of 1 inch below the reinforcing bars.
10. When a new joint is being installed, or an existing joint is substantially modified, and field conditions permit, the approach side of the joint shall be set 1/8" - 1/4" higher than the departure side of the joint. Under no circumstances shall the departing side of the joint be higher than the approach side of the joint.
11. All surface pavement shall be full width unless otherwise noted.
12. Header placement shall be performed after completion of surface pavement adjacent to the header.
13. Polyester Polymer Concrete Headers shall be placed in no more than two horizontal placements. The vertical surface between Polyester Polymer Concrete header placements shall be roughened and surface prepared in accordance with Special Provision 502 Structural Concrete - Polyester Polymer Concrete.
14. Protective Coating for Concrete Surfaces shall be applied to the following areas:

All exposed surfaces of concrete curbs to the drip notch and

All exposed surfaces of Concrete Transition Barriers

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2853000
WIN
28530.00
BRIDGE PLANS



PROJ. MANAGER	DATE	BY	TRAVIS HAMEL
DESIGN-DETAILED	7/14/2025	MJC	
CHECKED-REVIEWED	7/14/2025	SMH	
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

INTERSTATE 295 BRIDGE JOINT
PRESERVATION FALMOUTH TO TOPSHAM
CUMBERLAND & SAGadahoc COUNTY

GENERAL CONSTRUCTION
NOTES AND QUANTITIES

SHEET NUMBER


2

OF 22



The Movement Rating of Abutment No. 1 is approximately $1\frac{1}{8}$ "

The Movement Rating of Abutment No. 2 is approximately $2\frac{1}{2}$ "

INTERSTATE 295 BRIDGE JOINT PRESERVATION FALMOUTH TO TOPSHAM CUMBERLAND & SAGADAHOC COUNTY	PROJ. MANAGER	TRAVIS HANDEL	BY	DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	DESIGN-DETAILED	MC	MC	7/14/2025			
	CHECKED-REVIEWED	BJR	SMH	7/14/2025			
	DESIGN2-DETAILED2						
	DESIGN3-DETAILED3						
	REVISIONS 1						
	REVISIONS 2						
	REVISIONS 3						
	REVISIONS 4						
	FIELD CHANGES						
BRIDGE DETAILS (2 OF 15)						2853000 WIN 28530.00	BRIDGE PLANS
SHEET NUMBER	2	OF 22					