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THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



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William Cass, P.E. Commissioner

David Rodrigue, P.E. Assistant Commissioner

Her Excellency, Governor Kelly A. Ayotte and the Honorable Council State House Concord, New Hampshire 03301

Bureau of Construction August 25, 2025

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with R.M. Piper, Inc. of Plymouth, NH (Vendor 174180), on the basis of a low bid of \$1,173,611.75 for preservation efforts on a 2-span bridge (BR. No. 146/100) carrying NH 107 over the Lamprey River in Raymond (Project: Raymond #44557), from the date of Governor and Council approval through October 23, 2026, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funds are available in the following account for Fiscal Years 2026 and 2027, with the authority to adjust encumbrances between fiscal years within the price limitation through the Budget Office, if needed and justified:

Table with 3 columns: Funding is available as follows, FY 2026, FY 2027. Rows include account numbers and Highway Contract Payments for \$891,944.88 and \$281,666.87.

2. Further authorize that a contingency in the amount of \$117,361.18 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Table with 2 columns: Funding is available as follows, FY 2027. Row includes Highway Contract Payments for \$117,361.18.

EXPLANATION

This project is part of the 2023 Bridge T3&4 M&P Priority List. This project consists of the preservation of Br. No. 146/100 carrying NH 107 over the Lamprey River in the Town of Raymond. The work limits begin approximately 78' south of the south end of the bridge and continue 230' north across the bridge. The scope of work includes removal and replacement of the bridge deck pavement and barrier membrane; partial and full depth deck repairs; installation of zinc anodes; replacement of expansion joints and some bearings, and installation of crack seals.

The purpose of the project is to extend the useful life of the bridge by performing bridge preservation activities. The bridge preservation work will extend the functional life of the bridges and delay regression to a lower condition state.

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Br. No. 146/100 is a 95' long 2-span IB-C that is 61'-4" curb-to-curb with a deck built in 1962 and widened in 1996. The deck, superstructure and substructure rating of the bridge is 6, 6, and 6. The bridge ranked #14 on the 2023 Tier 3&4 M&P priority list.

The proposed contingency amount is 10% of the contract amount. The extent of this work has been estimated, but the full extent of the work won't be fully known until the existing asphalt and membrane are removed from the bridge. These factors increase the risk of overruns.

Although the bid costs exceeded the Department's estimate by 2.58%, the low bid of three (3) bids received is felt to be reasonable for the work involved. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is: 80% Federal funds (Bridge-T3-4 Maintenance-Preservation), with anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested. The Department of Transportation has determined that the vendor is in good standing with the Secretary of State's Office, has secured the required levels of insurance, and has provided evidence of authority to execute and be bound by the contract. Documents supporting these assertions are available at the agency, for review upon request.

Sincerely,



William J. Cass, P.E.
Commissioner

WJC/pcj

Department Estimate:	\$1,144,114.00
Contract Amount:	<u>\$1,173,611.75</u>
Over Estimate:	\$ 29,497.75

Attachments



ABC Bid Data

RAYMOND

44557

X-A005(524)

PROJECT:	RAYMOND	Awarded To:	PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264
STATE PROJECT NUMBER:	44557	Amount:	\$1,173,611.75
FED. PROJECT NUMBER:	X-A005(524)	Certified by:	<u>WILLIAM.J.OLDENBURG</u> Director of Project Development
DATE BIDS OPEN:	August 21, 2025, 2:00	Award Date:	
SCOPE OF WORK:	Preservation efforts on 2-span bridge (146/100) carrying NH107 over LAMPREY RIVER.		
COMPLETION DATE:	October 23, 2026		
LOCATION:	District 5, Rockingham		

Summary of Bidders

Contractor	Bid Amount	Rank
PIPER, R. M. INC. 141 SMITH BRIDGE ROAD, PO BOX490, PLYMOUTH NH 03264	\$1,173,611.75	A
SWETT, E. D. INC. 8 INDUSTRIAL PARK DR, CONCORD NH 03301-8512	\$1,230,217.80	B
NEW ENGLAND INFRASTRUCTURE INC 16 BRENT DRIVE, HUDSON MA 01749	\$2,273,280.00	C

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

304.301	CRUSHED GRAVEL	CY	11.00	\$300.00	\$3,300.00	\$50.00	\$550.00	\$250.00	\$2,750.00
403.11053	HBP-3/8" SURFACE MIX, MACHINE METHOD	TON	132.00	\$300.00	\$39,600.00	\$250.00	\$33,000.00	\$245.00	\$32,340.00
403.16	PAVEMENT JOINT ADHESIVE	LF	1,879.00	\$2.00	\$3,758.00	\$1.75	\$3,288.25	\$1.65	\$3,100.35
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	36.00	\$300.00	\$10,800.00	\$250.00	\$9,000.00	\$245.00	\$8,820.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	793.00	\$2.00	\$1,586.00	\$1.75	\$1,387.75	\$1.65	\$1,308.45
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	100.00	\$18.00	\$1,800.00	\$16.50	\$1,650.00	\$16.50	\$1,650.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	933.00	\$15.00	\$13,995.00	\$13.50	\$12,595.50	\$14.00	\$13,062.00
502.	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$110,000.00	\$110,000.00	\$60,000.00	\$60,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	14.00	\$75.00	\$1,050.00	\$100.00	\$1,400.00	\$200.00	\$2,800.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	626.00	\$25.00	\$15,650.00	\$30.00	\$18,780.00	\$75.00	\$46,950.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	32.00	\$350.00	\$11,200.00	\$450.00	\$14,400.00	\$700.00	\$22,400.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$1,000.00	\$20,000.00	\$850.00	\$17,000.00	\$1,400.00	\$28,000.00
520.01	CONCRETE CLASS AA	CY	4.00	\$1,500.00	\$6,000.00	\$1,350.00	\$5,400.00	\$3,000.00	\$12,000.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	14.00	\$2,500.00	\$35,000.00	\$1,350.00	\$18,900.00	\$3,500.00	\$49,000.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	5.00	\$2,500.00	\$12,500.00	\$1,350.00	\$6,750.00	\$2,800.00	\$14,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	8.00	\$150.00	\$1,200.00	\$125.00	\$1,000.00	\$125.00	\$1,000.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	18.00	\$100.00	\$1,800.00	\$80.00	\$1,440.00	\$125.00	\$2,250.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	626.00	\$50.00	\$31,300.00	\$35.00	\$21,910.00	\$35.00	\$21,910.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	432.00	\$25.00	\$10,800.00	\$50.00	\$21,600.00	\$40.00	\$17,280.00
544.201	REINFORCING STEEL - EPOXY COATED	LB	1,404.00	\$4.00	\$5,616.00	\$3.00	\$4,212.00	\$2.50	\$3,510.00
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	64.00	\$5.00	\$320.00	\$18.00	\$1,152.00	\$25.00	\$1,600.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$40,000.00	\$40,000.00	\$155,000.00	\$155,000.00	\$80,000.00	\$80,000.00
550.612	PREFORMED FABRIC BEARING PADS, TYPE 2	EA	20.00	\$2,500.00	\$50,000.00	\$2,900.00	\$58,000.00	\$5,000.00	\$100,000.00

ABC Bid Data

RAYMOND

44557

X-A005(524)

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	70.00	\$125.00	\$8,750.00	\$150.00	\$10,500.00	\$150.00	\$10,500.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	77.00	\$2,500.00	\$192,500.00	\$2,550.00	\$196,350.00	\$2,600.00	\$200,200.00
562.1	SILICONE JOINT SEALANT (F)	LF	184.00	\$20.00	\$3,680.00	\$30.00	\$5,520.00	\$20.00	\$3,680.00
563.072	ALUMINUM POST ASSEMBLY FOR F RAIL (2-BAR)	EA	2.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00
563.8	RESETTING BRIDGE RAIL	LF	2.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,500.00	\$3,000.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	400.00	\$50.00	\$20,000.00	\$35.00	\$14,000.00	\$80.00	\$32,000.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	180.00	\$100.00	\$18,000.00	\$55.00	\$9,900.00	\$120.00	\$21,600.00
606.9513	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	2.00	\$20,000.00	\$40,000.00	\$2,200.00	\$4,400.00	\$6,000.00	\$12,000.00
609.5	RESET GRANITE CURB	LF	16.00	\$40.00	\$640.00	\$75.00	\$1,200.00	\$150.00	\$2,400.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	16.00	\$100.00	\$1,600.00	\$125.00	\$2,000.00	\$200.00	\$3,200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	55,000.00	\$1.00	\$55,000.00	\$1.00	\$55,000.00	\$1.00	\$55,000.00
618.7	FLAGGERS	HR	800.00	\$50.00	\$40,000.00	\$52.00	\$41,600.00	\$40.00	\$32,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$190,000.00	\$190,000.00	\$75,000.00	\$75,000.00	\$40,000.00	\$40,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,500.00	\$3,000.00	\$6,000.00	\$12,000.00	\$8,000.00	\$16,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$6,000.00	\$12,000.00	\$4,000.00	\$8,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	142.00	\$10.00	\$1,420.00	\$4.00	\$568.00	\$7.00	\$994.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	94.00	\$10.00	\$940.00	\$4.00	\$376.00	\$7.00	\$658.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	8,000.00	\$1.50	\$12,000.00	\$0.40	\$3,200.00	\$0.50	\$4,000.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,510.00	\$2.00	\$9,020.00	\$2.75	\$12,402.50	\$4.00	\$18,040.00
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6"	LF	3,163.00	\$3.00	\$9,489.00	\$3.25	\$10,279.75	\$5.00	\$15,815.00
632.5104	PREFORMED RETROREFLECTIVE TAPE, LEVEL I, 4" LINE	LF	300.00	\$6.00	\$1,800.00	\$11.00	\$3,300.00	\$11.00	\$3,300.00
632.52	PREFORMED RETROREFLECTIVE TAPE, LEVEL I, SYMBOL OR WORD	SF	100.00	\$50.00	\$5,000.00	\$60.00	\$6,000.00	\$65.00	\$6,500.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	100.00	\$4.00	\$400.00	\$16.00	\$1,600.00	\$16.00	\$1,600.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$5,000.00	\$10,000.00	\$6,500.00	\$13,000.00	\$10,000.00	\$20,000.00
692.	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$110,000.00	\$110,000.00	\$120,000.00	\$120,000.00
698.12	FIELD OFFICE TYPE B	MON	10.00	\$2,700.00	\$27,000.00	\$1,200.00	\$12,000.00	\$3,000.00	\$30,000.00



ABC Bid Data

RAYMOND

44557

X-A005(524)

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Totals:					\$1,144,114.00		\$1,173,611.75		\$1,230,217.80
Alt. Totals:									
Totals:					\$1,144,114.00		\$1,173,611.75		\$1,230,217.80

ABC Bid Data

RAYMOND

44557

X-A005(524)

Item No.	Description	Unit	Quantity	PS&E		NEW ENGLAND INFRASTRUCTURE INC 16 BRENT DRIVE HUDSON, MA 01749		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

304.301	CRUSHED GRAVEL	CY	11.00	\$300.00	\$3,300.00	\$480.00	\$5,280.00		
403.11053	HBP-3/8" SURFACE MIX, MACHINE METHOD	TON	132.00	\$300.00	\$39,600.00	\$430.00	\$56,760.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	1,879.00	\$2.00	\$3,758.00	\$4.00	\$7,516.00		
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	36.00	\$300.00	\$10,800.00	\$550.00	\$19,800.00		
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	793.00	\$2.00	\$1,586.00	\$30.00	\$23,790.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	100.00	\$18.00	\$1,800.00	\$35.00	\$3,500.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	933.00	\$15.00	\$13,995.00	\$65.00	\$60,645.00		
502.	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$350,000.00	\$350,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	14.00	\$75.00	\$1,050.00	\$800.00	\$11,200.00		
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	626.00	\$25.00	\$15,650.00	\$50.00	\$31,300.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	32.00	\$350.00	\$11,200.00	\$2,550.00	\$81,600.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$1,000.00	\$20,000.00	\$2,000.00	\$40,000.00		
520.01	CONCRETE CLASS AA	CY	4.00	\$1,500.00	\$6,000.00	\$11,500.00	\$46,000.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	14.00	\$2,500.00	\$35,000.00	\$4,500.00	\$63,000.00		
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	5.00	\$2,500.00	\$12,500.00	\$5,100.00	\$25,500.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	8.00	\$150.00	\$1,200.00	\$265.00	\$2,120.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	18.00	\$100.00	\$1,800.00	\$200.00	\$3,600.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	626.00	\$50.00	\$31,300.00	\$30.00	\$18,780.00		
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	432.00	\$25.00	\$10,800.00	\$1.00	\$432.00		
544.201	REINFORCING STEEL - EPOXY COATED	LB	1,404.00	\$4.00	\$5,616.00	\$5.00	\$7,020.00		
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	64.00	\$5.00	\$320.00	\$20.00	\$1,280.00		
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$40,000.00	\$40,000.00	\$400,000.00	\$400,000.00		
550.612	PREFORMED FABRIC BEARING PADS, TYPE 2	EA	20.00	\$2,500.00	\$50,000.00	\$6,800.00	\$136,000.00		

ABC Bid Data

RAYMOND
 44557
 X-A005(524)

Item No.	Description	Unit	Quantity	PS&E		NEW ENGLAND INFRASTRUCTURE INC 16 BRENT DRIVE HUDSON, MA 01749		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	70.00	\$125.00	\$8,750.00	\$160.00	\$11,200.00		
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	77.00	\$2,500.00	\$192,500.00	\$2,500.00	\$192,500.00		
562.1	SILICONE JOINT SEALANT (F)	LF	184.00	\$20.00	\$3,680.00	\$110.00	\$20,240.00		
563.072	ALUMINUM POST ASSEMBLY FOR F RAIL (2-BAR)	EA	2.00	\$800.00	\$1,600.00	\$10,000.00	\$20,000.00		
563.8	RESETTING BRIDGE RAIL	LF	2.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	400.00	\$50.00	\$20,000.00	\$200.00	\$80,000.00		
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	180.00	\$100.00	\$18,000.00	\$240.00	\$43,200.00		
606.9513	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	2.00	\$20,000.00	\$40,000.00	\$5,500.00	\$11,000.00		
609.5	RESET GRANITE CURB	LF	16.00	\$40.00	\$640.00	\$80.00	\$1,280.00		
609.55	RESET GRANITE CURB (BRIDGE)	LF	16.00	\$100.00	\$1,600.00	\$167.00	\$2,672.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	55,000.00	\$1.00	\$55,000.00	\$1.00	\$55,000.00		
618.7	FLAGGERS	HR	800.00	\$50.00	\$40,000.00	\$1.00	\$800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$190,000.00	\$190,000.00	\$55,000.00	\$55,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,500.00	\$3,000.00	\$10,000.00	\$20,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$8,000.00	\$16,000.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	142.00	\$10.00	\$1,420.00	\$13.00	\$1,846.00		
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	94.00	\$10.00	\$940.00	\$15.00	\$1,410.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	8,000.00	\$1.50	\$12,000.00	\$0.20	\$1,600.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,510.00	\$2.00	\$9,020.00	\$2.00	\$9,020.00		
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6"	LF	3,163.00	\$3.00	\$9,489.00	\$3.00	\$9,489.00		
632.5104	PREFORMED RETROREFLECTIVE TAPE, LEVEL I, 4" LINE	LF	300.00	\$6.00	\$1,800.00	\$3.00	\$900.00		
632.52	PREFORMED RETROREFLECTIVE TAPE, LEVEL I, SYMBOL OR WORD	SF	100.00	\$50.00	\$5,000.00	\$38.00	\$3,800.00		
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	100.00	\$4.00	\$400.00	\$2.00	\$200.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$5,000.00	\$10,000.00	\$13,000.00	\$26,000.00		
692.	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$220,000.00	\$220,000.00		
698.12	FIELD OFFICE TYPE B	MON	10.00	\$2,700.00	\$27,000.00	\$3,100.00	\$31,000.00		



ABC Bid Data

RAYMOND
44557
X-A005(524)

Item No.	Description	Unit	Quantity	PS&E		NEW ENGLAND INFRASTRUCTURE INC 16 BRENT DRIVE HUDSON, MA 01749		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
Totals:					\$1,144,114.00		\$2,273,280.00		
Alt. Totals:									
Totals:					\$1,144,114.00		\$2,273,280.00		



PS&E Comparison

RAYMOND
44557
X-A005(524)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
304.301	CRUSHED GRAVEL	CY	11.00	\$50.00	\$550.00	\$300.00	\$3,300.00	(\$2,750.00)
403.11053	HBP-3/8" SURFACE MIX, MACHINE METHOD	TON	132.00	\$250.00	\$33,000.00	\$300.00	\$39,600.00	(\$6,600.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	1,879.00	\$1.75	\$3,288.25	\$2.00	\$3,758.00	(\$469.75)
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	36.00	\$250.00	\$9,000.00	\$300.00	\$10,800.00	(\$1,800.00)
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	793.00	\$1.75	\$1,387.75	\$2.00	\$1,586.00	(\$198.25)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	100.00	\$16.50	\$1,650.00	\$18.00	\$1,800.00	(\$150.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	933.00	\$13.50	\$12,595.50	\$15.00	\$13,995.00	(\$1,399.50)
502.	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$110,000.00	\$110,000.00	\$30,000.00	\$30,000.00	\$80,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	14.00	\$100.00	\$1,400.00	\$75.00	\$1,050.00	\$350.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	626.00	\$30.00	\$18,780.00	\$25.00	\$15,650.00	\$3,130.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	32.00	\$450.00	\$14,400.00	\$350.00	\$11,200.00	\$3,200.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$850.00	\$17,000.00	\$1,000.00	\$20,000.00	(\$3,000.00)
520.01	CONCRETE CLASS AA	CY	4.00	\$1,350.00	\$5,400.00	\$1,500.00	\$6,000.00	(\$600.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	14.00	\$1,350.00	\$18,900.00	\$2,500.00	\$35,000.00	(\$16,100.00)

PS&E Comparison

RAYMOND

44557

X-A005(524)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	5.00	\$1,350.00	\$6,750.00	\$2,500.00	\$12,500.00	(\$5,750.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	8.00	\$125.00	\$1,000.00	\$150.00	\$1,200.00	(\$200.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	18.00	\$80.00	\$1,440.00	\$100.00	\$1,800.00	(\$360.00)
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	626.00	\$35.00	\$21,910.00	\$50.00	\$31,300.00	(\$9,390.00)
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	432.00	\$50.00	\$21,600.00	\$25.00	\$10,800.00	\$10,800.00
544.201	REINFORCING STEEL - EPOXY COATED	LB	1,404.00	\$3.00	\$4,212.00	\$4.00	\$5,616.00	(\$1,404.00)
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	64.00	\$18.00	\$1,152.00	\$5.00	\$320.00	\$832.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$155,000.00	\$155,000.00	\$40,000.00	\$40,000.00	\$115,000.00
550.612	PREFORMED FABRIC BEARING PADS, TYPE 2	EA	20.00	\$2,900.00	\$58,000.00	\$2,500.00	\$50,000.00	\$8,000.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	70.00	\$150.00	\$10,500.00	\$125.00	\$8,750.00	\$1,750.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	77.00	\$2,550.00	\$196,350.00	\$2,500.00	\$192,500.00	\$3,850.00
562.1	SILICONE JOINT SEALANT (F)	LF	184.00	\$30.00	\$5,520.00	\$20.00	\$3,680.00	\$1,840.00
563.072	ALUMINUM POST ASSEMBLY FOR F RAIL (2-BAR)	EA	2.00	\$1,000.00	\$2,000.00	\$800.00	\$1,600.00	\$400.00
563.8	RESETTING BRIDGE RAIL	LF	2.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	(\$1,000.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	400.00	\$35.00	\$14,000.00	\$50.00	\$20,000.00	(\$6,000.00)



PS&E Comparison

RAYMOND
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X-A005(524)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	180.00	\$55.00	\$9,900.00	\$100.00	\$18,000.00	(\$8,100.00)
606.9513	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	2.00	\$2,200.00	\$4,400.00	\$20,000.00	\$40,000.00	(\$35,600.00)
609.5	RESET GRANITE CURB	LF	16.00	\$75.00	\$1,200.00	\$40.00	\$640.00	\$560.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	16.00	\$125.00	\$2,000.00	\$100.00	\$1,600.00	\$400.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	55,000.00	\$1.00	\$55,000.00	\$1.00	\$55,000.00	\$0.00
618.7	FLAGGERS	HR	800.00	\$52.00	\$41,600.00	\$50.00	\$40,000.00	\$1,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$75,000.00	\$75,000.00	\$190,000.00	\$190,000.00	(\$115,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$6,000.00	\$12,000.00	\$1,500.00	\$3,000.00	\$9,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$6,000.00	\$12,000.00	\$1,500.00	\$3,000.00	\$9,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	142.00	\$4.00	\$568.00	\$10.00	\$1,420.00	(\$852.00)
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	94.00	\$4.00	\$376.00	\$10.00	\$940.00	(\$564.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	8,000.00	\$0.40	\$3,200.00	\$1.50	\$12,000.00	(\$8,800.00)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,510.00	\$2.75	\$12,402.50	\$2.00	\$9,020.00	\$3,382.50
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6"	LF	3,163.00	\$3.25	\$10,279.75	\$3.00	\$9,489.00	\$790.75
632.5104	PREFORMED RETROREFLECTIVE TAPE, LEVEL I, 4" LINE	LF	300.00	\$11.00	\$3,300.00	\$6.00	\$1,800.00	\$1,500.00
632.52	PREFORMED RETROREFLECTIVE TAPE, LEVEL I, SYMBOL OR WORD	SF	100.00	\$60.00	\$6,000.00	\$50.00	\$5,000.00	\$1,000.00



PS&E Comparison

RAYMOND

44557

X-A005(524)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	100.00	\$16.00	\$1,600.00	\$4.00	\$400.00	\$1,200.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$6,500.00	\$13,000.00	\$5,000.00	\$10,000.00	\$3,000.00
692.	MOBILIZATION	U	1.00	\$110,000.00	\$110,000.00	\$100,000.00	\$100,000.00	\$10,000.00
698.12	FIELD OFFICE TYPE B	MON	10.00	\$1,200.00	\$12,000.00	\$2,700.00	\$27,000.00	(\$15,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
Total:					\$1,173,611.75		\$1,144,114.00	\$29,497.75

July 17, 2025

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of the preservation of Br. No. 146/100 carrying NH 107 over the Lamprey River in the Town of Raymond. The work limits begin approximately 78' south of the south end of the bridge and continue 230' north across the bridge. The scope of work includes removal and replacement of the bridge deck pavement and barrier membrane; partial and full depth deck repairs; installation of zinc anodes; replacement of expansion joints and some bearings, and installation of crack seals.

FEDERAL FUNDING: 80% (Bridge-T3-4 Maintenance-Preservation) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 10%. The extent of this work has been estimated, but the full extent of the work won't be fully known until the existing asphalt and membrane are removed from the bridge. These factors increase the risk of overruns.

PROJECT INITIATED: 2023 Bridge T3&4 M&P Priority List

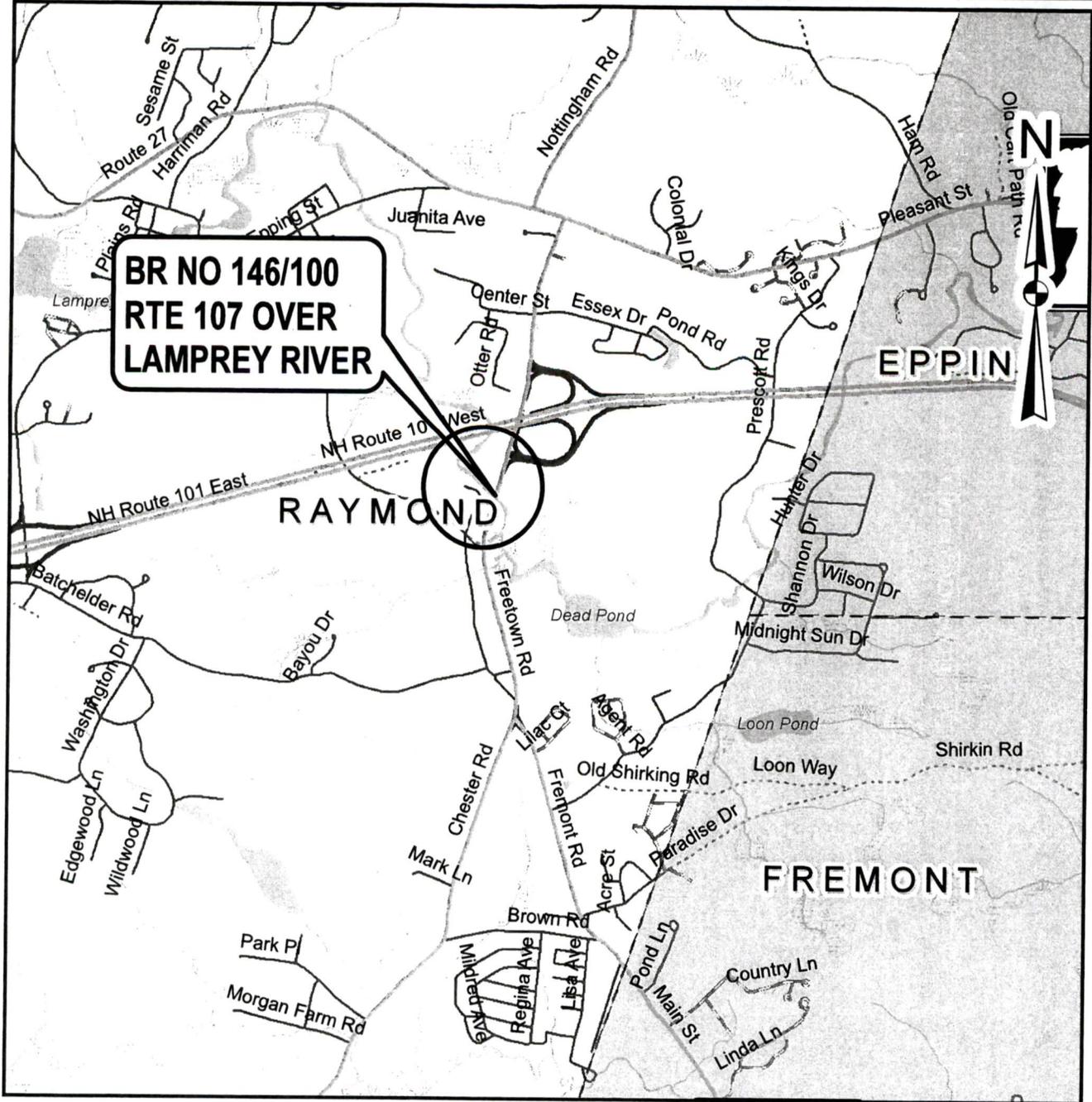
PROJECT EXPLANATION: The purpose of the project is to extend the useful life of the bridge by performing bridge preservation activities. The bridge preservation work will extend the functional life of the bridges and delay regression to a lower condition state.

Br. No. 146/100 is a 95' long 2-span IB-C that is 61'-4" curb-to-curb with a deck built in 1962 and widened in 1996. The deck, superstructure and substructure rating of the bridge is 6, 6, and 6. The bridge ranked #14 on the 2023 Tier 3&4 M&P priority list.

TRAFFIC IMPLICATION: Two-way traffic will be maintained during both phases of work (approximately 12 weeks per phase). During construction, the existing exclusive turning lanes will not be available.

FINAL COMPLETION DATE: October 23, 2026.

RAYMOND - ROUTE 107



LEGEND

- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary



State #: 44557
 Federal #: X-A005 (524)
LOCATION MAP

