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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
October 4, 2021

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 single bid of \$1,086,009.72 for bridge preservation work for three (3) bridges located in the Towns of Candia and Raymond, from the date of Governor and Council approval through September 16, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2022 and 2023, as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2022</u>	<u>FY 2023</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$841,657.54	\$244,352.18

2. Further authorize that a contingency, in the amount of \$108,600.97, 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.

Funding is available as follows:	<u>FY 2023</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$108,600.97

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Bridge-Tier 3-4 Maintenance & Preservation Program. This project consists of the bridge preservation work on three bridges: Br. No. 184/102, NH 27 over North Branch River in Candia; Br. No. 189/103, NH 27 over Bean Brook in Candia; and Br. No. 083/151, NH 27 over Lamprey River in Raymond. The work on the Candia bridges starts approximately 150 feet west of the North Branch River bridge and extends approximately 800 feet to the east, ending 150 feet to the east of Bean Brook. The work on the Raymond bridge starts approximately 150 feet west of the Lamprey River bridge and extends approximately 365 feet to the east. The scope of work includes removal and replacement of the bridge deck pavement and membrane, partial and full depth deck repair and installation of 6" crack control joints.

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

Br. 184/102 is a 23' long single-span concrete slab built in 1932 and widened both upstream and downstream in 1972. The deck, superstructure and substructure have ratings of 6, 6, and 6, respectively. The bridge is ranked #101 on the draft 2021 Tier 3&4 M&P priority list. The bridge has never received preservation work.

Br. 189/103 is a 23' long single-span concrete box built in 1937 and widened both upstream and downstream in 1972. The deck, superstructure and substructure have ratings of 6, 6, and 7, respectively. The bridge is ranked #62 on the draft 2021 Tier 3&4 M&P priority list. The bridge has never received preservation work.

Br. 083/151 is a 65' long three-span concrete tee-beam built in 1932 and widened both upstream and downstream in 1974. The deck, superstructure and substructure have ratings of 6, 6, and 7, respectively. The bridge is ranked #9 on the draft 2021 Tier 3&4 M&P priority list. The bridge has never received preservation work.

The proposed contingency amount is 10% of the contract amount. This work preserves 3 bridges which have not received any preservation work for 50 years. 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 12.24%, the only bid received is felt to be reasonable for the work involved. There were five items of significance that accounted for 100% of the overage including bridge pavement removal/disposal (2 items), mobilization, corrosion protection system, maintenance of traffic. Four contractors were contacted to find out why they didn't submit bids. Reasons why included geographic location, not a good fit for their work plan, limited resources available to meet the project schedule. 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.

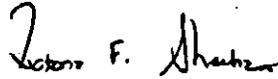
This project funding is: 80% Federal (Brdg-T3/4 M & P), with anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds.

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.

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Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$ 967,586.50

Contract Amount: \$ 1,086,009.72

Over Estimate: \$ 118,423.22

Attachments



ABC Bid Data

CANDIA-RAYMOND

43221

X-A005(058)

PROJECT:	CANDIA-RAYMOND	Awarded To:	PIPER, R. M. INC.	Certified by:	<u>PETER.E.STAMNAS</u>
STATE PROJECT NUMBER:	43221		PO BOX 490		<small>Director of Project Development</small>
FED. PROJECT NUMBER:	X-A005(058)		PLYMOUTH, NH 03264		
DATE BIDS OPEN:	September 23, 2021,	Amount:	\$1,086,009.72	Award Date:	
SCOPE OF WORK:	Address Preservation needs on 3 bridges in Candia & Raymond on NH 27				
COMPLETION DATE:	September 16, 2022				
LOCATION:	District 5, Rockingham				

Summary of Bidders

Contractor	Bid Amount	Rank
PIPER, R. M. INC. PO BOX 490, PLYMOUTH NH 03264	\$1,086,009.72	A

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. PO BOX 490 PLYMOUTH, NH 03284		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	804.00	\$110.00	\$88,440.00	\$100.00	\$80,400.00		
403.11053	HBP-3/8" SURFACE MIX, MACHINE METHOD	TON	338.00	\$110.00	\$37,180.00	\$110.00	\$37,180.00		
403.12	HBP-HAND METHOD	TON	6.00	\$160.00	\$960.00	\$160.00	\$960.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	8,254.00	\$3.00	\$24,762.00	\$0.33	\$2,723.82		
403.19	HBP-TEMPORARY	TON	69.00	\$100.00	\$6,900.00	\$160.00	\$11,040.00		
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	48.00	\$225.00	\$10,800.00	\$160.00	\$7,680.00		
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	1,141.00	\$3.00	\$3,423.00	\$1.10	\$1,255.10		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	512.00	\$5.00	\$2,560.00	\$6.50	\$3,328.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	5,167.00	\$6.00	\$31,002.00	\$3.90	\$20,151.30		
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	232.00	\$25.00	\$5,800.00	\$30.00	\$6,960.00		
511.00012	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F)	SY	30.00	\$40.00	\$1,200.00	\$300.00	\$9,000.00		
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	203.00	\$25.00	\$5,075.00	\$30.00	\$6,090.00		
511.00022	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F)	SY	60.00	\$40.00	\$2,400.00	\$300.00	\$18,000.00		
511.00032	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F)	SY	318.00	\$40.00	\$12,720.00	\$240.00	\$76,320.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	55.00	\$400.00	\$22,000.00	\$300.00	\$16,500.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	76.00	\$400.00	\$30,400.00	\$500.00	\$38,000.00		
520.01	CONCRETE CLASS AA	CY	7.00	\$950.00	\$6,650.00	\$1,100.00	\$7,700.00		
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	28.00	\$1,800.00	\$52,200.00	\$1,100.00	\$31,900.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	20.00	\$90.00	\$1,800.00	\$100.00	\$2,000.00		
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	838.00	\$26.00	\$21,788.00	\$27.00	\$22,626.00		
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	1,179.00	\$23.00	\$27,117.00	\$40.00	\$47,160.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	282.00	\$125.00	\$35,250.00	\$130.00	\$36,660.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	250.00	\$30.00	\$7,500.00	\$35.00	\$8,750.00		

ABC Bid Data

CANDIA-RAYMOND

43221

X-A005(058)

Item No.	Description	Unit	Quantity	P&E		PPER, R. M. INC. PO BOX 480 PLYMOUTH, NH 03284		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	240.00	\$65.00	\$15,600.00	\$60.00	\$14,400.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	6.00	\$5,000.00	\$30,000.00	\$4,000.00	\$24,000.00		
615.0301	TRAFFIC SIGN TYPE C	SF	9.00	\$40.00	\$360.00	\$60.00	\$540.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$32.50	\$32.50	\$60.00	\$60.00		
615.054	RELOCATING TRAFFIC SIGN TYPE BB	U	1.00	\$200.00	\$200.00	\$60.00	\$60.00		
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$75,000.00	\$75,000.00	\$60,000.00	\$60,000.00		
616.172	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$25,000.00	\$25,000.00	\$38,500.00	\$38,500.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00		
618.7	FLAGGERS	HR	1,440.00	\$40.00	\$57,600.00	\$40.00	\$57,600.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$70,000.00	\$70,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00		
626.2	SAWED BITUMINOUS PAVEMENT	LF	471.00	\$3.00	\$1,413.00	\$2.50	\$1,177.50		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	13,480.00	\$0.50	\$6,740.00	\$0.50	\$6,740.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	6,740.00	\$1.50	\$10,110.00	\$2.00	\$13,480.00		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 16" LINE	LF	84.00	\$5.00	\$420.00	\$6.00	\$504.00		
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	6,340.00	\$3.00	\$19,020.00	\$3.00	\$19,020.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,104.00	\$8.00	\$8,832.00	\$8.00	\$8,832.00		
645.531	SILT FENCE	LF	1,104.00	\$8.00	\$8,832.00	\$3.00	\$3,312.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	6.00	\$4,000.00	\$24,000.00	\$4,000.00	\$24,000.00		
692.	MOBILIZATION	U	1.00	\$80,000.00	\$80,000.00	\$138,500.00	\$138,500.00		
698.13	FIELD OFFICE TYPE C	MON	12.00	\$1,500.00	\$18,000.00	\$1,200.00	\$14,400.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		

ABC Bid Data

CANDIA-RAYMOND

43221

X-A005(058)

Item No.	Description	Unit	Quantity	P&E		PIPER, R. M. INC. PO BOX 490 PLYMOUTH, NH 03284		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
				Totals:	\$967,588.50	\$1,088,009.72			
				Alt. Totals:					
				Totals:	\$967,588.50	\$1,088,009.72			



PS&E Comparison

CANDIA-RAYMOND

43221

X-A005(058)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	804.00	\$100.00	\$80,400.00	\$110.00	\$88,440.00	(\$8,040.00)
403.11053	HBP-3/8" SURFACE MIX, MACHINE METHOD	TON	338.00	\$110.00	\$37,180.00	\$110.00	\$37,180.00	\$0.00
403.12	HBP-HAND METHOD	TON	6.00	\$160.00	\$960.00	\$160.00	\$960.00	\$0.00
403.16	PAVEMENT JOINT ADHESIVE	LF	8,254.00	\$0.33	\$2,723.82	\$3.00	\$24,762.00	(\$22,038.18)
403.19	HBP-TEMPORARY	TON	69.00	\$160.00	\$11,040.00	\$100.00	\$6,900.00	\$4,140.00
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	48.00	\$160.00	\$7,680.00	\$225.00	\$10,800.00	(\$3,120.00)
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	1,141.00	\$1.10	\$1,255.10	\$3.00	\$3,423.00	(\$2,167.90)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	512.00	\$6.50	\$3,328.00	\$5.00	\$2,560.00	\$768.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	5,167.00	\$3.90	\$20,151.30	\$6.00	\$31,002.00	(\$10,850.70)
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	232.00	\$30.00	\$6,960.00	\$25.00	\$5,800.00	\$1,160.00
511.00012	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F)	SY	30.00	\$300.00	\$9,000.00	\$40.00	\$1,200.00	\$7,800.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	203.00	\$30.00	\$6,090.00	\$25.00	\$5,075.00	\$1,015.00
511.00022	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F)	SY	60.00	\$300.00	\$18,000.00	\$40.00	\$2,400.00	\$15,600.00
511.00032	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISPOSAL (ACM) (F)	SY	318.00	\$240.00	\$76,320.00	\$40.00	\$12,720.00	\$63,600.00

PS&E Comparison

CANDIA-RAYMOND

43221

X-A005(058)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	55.00	\$300.00	\$16,500.00	\$400.00	\$22,000.00	(\$5,500.00)
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	76.00	\$500.00	\$38,000.00	\$400.00	\$30,400.00	\$7,600.00
520.01	CONCRETE CLASS AA	CY	7.00	\$1,100.00	\$7,700.00	\$950.00	\$6,650.00	\$1,050.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	29.00	\$1,100.00	\$31,900.00	\$1,800.00	\$52,200.00	(\$20,300.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	20.00	\$100.00	\$2,000.00	\$90.00	\$1,800.00	\$200.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	838.00	\$27.00	\$22,626.00	\$26.00	\$21,788.00	\$838.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	1,179.00	\$40.00	\$47,160.00	\$23.00	\$27,117.00	\$20,043.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	282.00	\$130.00	\$36,660.00	\$125.00	\$35,250.00	\$1,410.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	250.00	\$35.00	\$8,750.00	\$30.00	\$7,500.00	\$1,250.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	240.00	\$60.00	\$14,400.00	\$65.00	\$15,600.00	(\$1,200.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	6.00	\$4,000.00	\$24,000.00	\$5,000.00	\$30,000.00	(\$6,000.00)
615.0301	TRAFFIC SIGN TYPE C	SF	9.00	\$60.00	\$540.00	\$40.00	\$360.00	\$180.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$60.00	\$60.00	\$32.50	\$32.50	\$27.50
615.054	RELOCATING TRAFFIC SIGN TYPE BB	U	1.00	\$60.00	\$60.00	\$200.00	\$200.00	(\$140.00)
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$60,000.00	\$60,000.00	\$75,000.00	\$75,000.00	(\$15,000.00)
616.172	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$38,500.00	\$38,500.00	\$25,000.00	\$25,000.00	\$13,500.00

PS&E Comparison

CANDIA-RAYMOND

43221

X-A005(058)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00	\$0.00
618.7	FLAGGERS	HR	1,440.00	\$40.00	\$57,600.00	\$40.00	\$57,600.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$70,000.00	\$70,000.00	\$50,000.00	\$50,000.00	\$20,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$0.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$0.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	471.00	\$2.50	\$1,177.50	\$3.00	\$1,413.00	(\$235.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	13,480.00	\$0.50	\$6,740.00	\$0.50	\$6,740.00	\$0.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	6,740.00	\$2.00	\$13,480.00	\$1.50	\$10,110.00	\$3,370.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	84.00	\$6.00	\$504.00	\$5.00	\$420.00	\$84.00
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	6,340.00	\$3.00	\$19,020.00	\$3.00	\$19,020.00	\$0.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,104.00	\$8.00	\$8,832.00	\$8.00	\$8,832.00	\$0.00
645.531	SILT FENCE	LF	1,104.00	\$3.00	\$3,312.00	\$8.00	\$8,832.00	(\$5,520.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	6.00	\$4,000.00	\$24,000.00	\$4,000.00	\$24,000.00	\$0.00
692.	MOBILIZATION	U	1.00	\$138,500.00	\$138,500.00	\$80,000.00	\$80,000.00	\$58,500.00
698.13	FIELD OFFICE TYPE C	MON	12.00	\$1,200.00	\$14,400.00	\$1,500.00	\$18,000.00	(\$3,600.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$0.00



PS&E Comparison

CANDIA-RAYMOND

43221

X-A005(058)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
Total:					\$1,086,009.72		\$967,586.50	\$118,423.22

August 12, 2021

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of the bridge preservation work on three bridges: Br. No. 184/102, NH 27 over North Branch River in Candia; Br. No. 189/103, NH 27 over Bean Brook in Candia; and Br. No. 083/151, NH 27 over Lamprey River in Raymond. The work on the Candia bridges starts approximately 150 feet west of the North Branch River bridge and extends approximately 800 feet to the east, ending 150 feet to the east of Bean Brook. The work on the Raymond bridge starts approximately 150 feet west of the Lamprey River bridge and extends approximately 365 feet to the east. The scope of work includes removal and replacement of the bridge deck pavement and membrane, partial and full depth deck repair and installation of 6" crack control joints.

FEDERAL FUNDING: 80% (Brdg-T3/4-M&P) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 10%. This work preserves 3 bridges which have not received any preservation work for 50 years. 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: This project was initiated through the 2019 Bridge T3&4 Maintenance & Preservation Program.

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

Br. 184/102 is a 23' long single-span concrete slab built in 1932 and widened both upstream and downstream in 1972. The deck, superstructure and substructure have ratings of 6, 6, and 6, respectively. The bridge is ranked #101 on the draft 2021 Tier 3&4 M&P priority list. The bridge has never received preservation work.

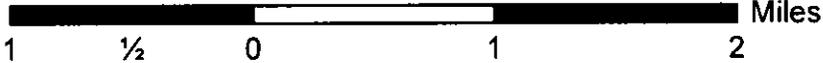
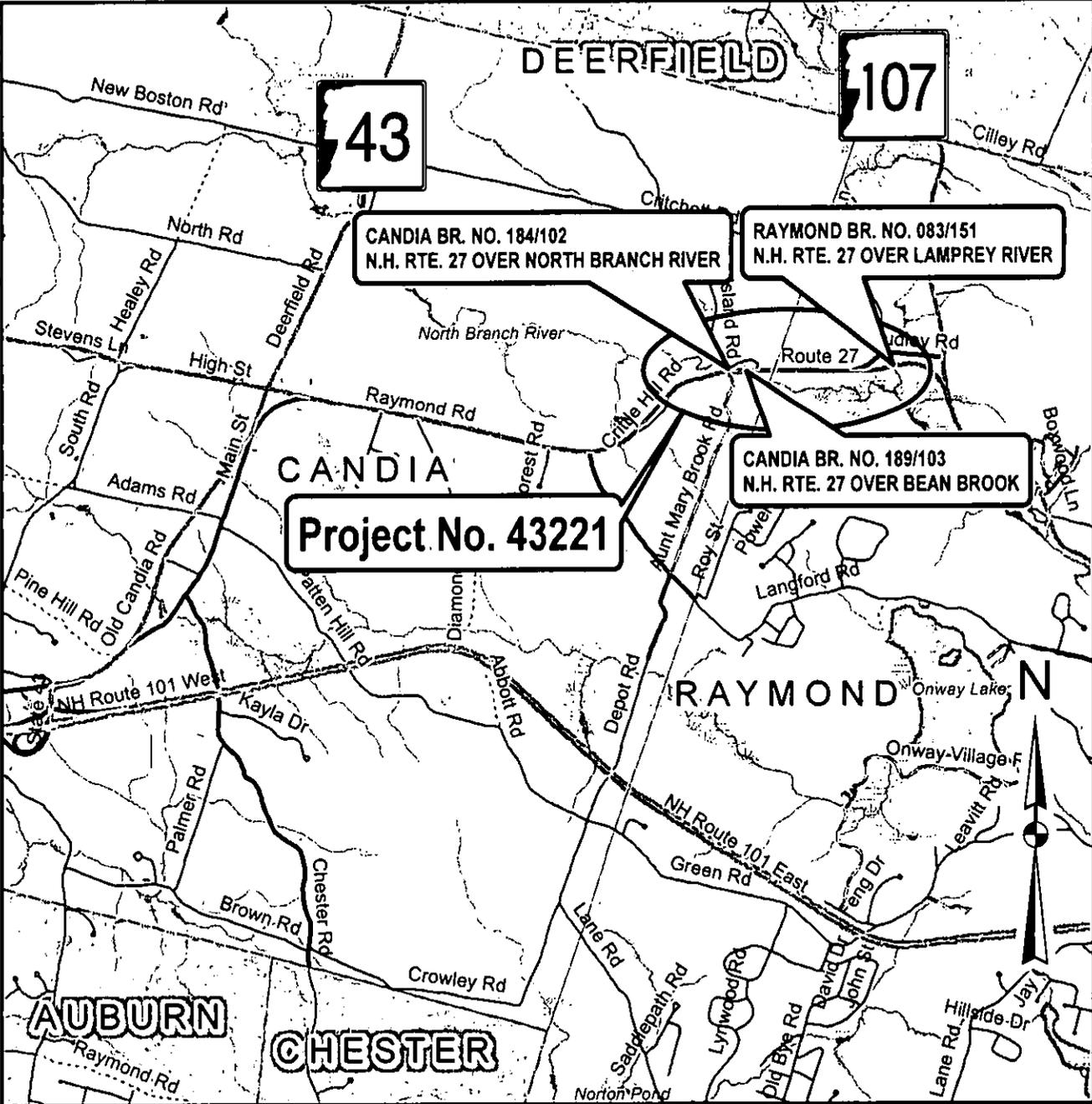
Br. 189/103 is a 23' long single-span concrete box built in 1937 and widened both upstream and downstream in 1972. The deck, superstructure and substructure have ratings of 6, 6, and 7, respectively. The bridge is ranked #62 on the draft 2021 Tier 3&4 M&P priority list. The bridge has never received preservation work.

Br. 083/151 is a 65' long three-span concrete tee-beam built in 1932 and widened both upstream and downstream in 1974. The deck, superstructure and substructure have ratings of 6, 6, and 7, respectively. The bridge is ranked #9 on the draft 2021 Tier 3&4 M&P priority list. The bridge has never received preservation work.

TRAFFIC IMPLICATION: One lane of alternating two-way traffic controlled by signals.

FINAL COMPLETION DATE: September 16, 2022

CANDIA - RAYMOND - N.H. ROUTE 27



LEGEND

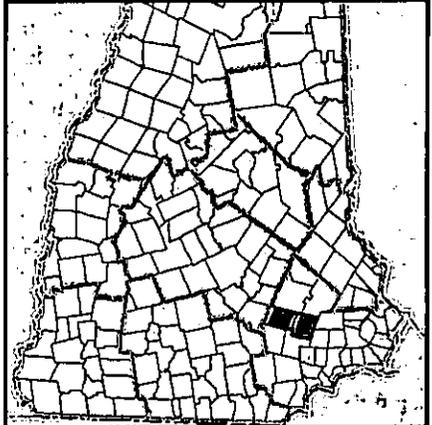
- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

New Hampshire

DOT

Department of Transportation

State #: 43221
Federal #: X-A005(058)
LOCATION MAP



Client#: 1335482

RMPIPER

DATE (MM/DD/YYYY)
9/24/2021

ACORD CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Insurance Solutions, LLC 711 E. Main Street Suite 201 Chicopee, MA 01020-3600	CONTACT NAME: PHONE (A/C, No, Ext): 855 874-0123		FAX (A/C, No):
	E-MAIL ADDRESS: futurecompcentrerequest@usi.com		
INSURED R. M. Piper, Inc. P.O. Box 490 Plymouth, NH 03264-0490	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: ABC NH WORKERS COMP SIG, Inc		NONAIC
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR	WVO	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ OTHER \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ OTHER \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ OTHER \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	ABC16000321	01/01/2021	01/01/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Candia-Raymond # X-A005(058), 43221.

CERTIFICATE HOLDER NH Department of Transportation Office of Federal Compliance P.O. Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Joseph P. Blawie</i>
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