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Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

Bureau of Construction
January 7, 2020

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

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with E.D. Swett, Inc. (Vendor 154176) of Concord, NH on the basis of a low bid of \$1,647,611.50 for bridge preservation work in Boscawen, from the date of Governor and Council approval through October 23, 2020, unless extended by the Department in accordance with the Standard Specifications. 100% Other Funds (Betterment Funds).

Funding is available in State Fiscal Year 2020 and 2021 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 2020</u>	<u>FY 2021</u>
04-96-96-963015-3039		
Highway Betterment Aid		
400-500870 Highway Contract Payments	\$1,108,393.21	\$539,218.29

2. Further authorize that a contingency in the amount of \$164,761.15 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 2020</u>	<u>FY 2021</u>
04-96-96-963015-3039		
Highway Betterment Aid		
400-500870 Highway Contract Payments		\$164,761.15

EXPLANATION

This project is included in the State's Ten Year Transportation Improvement Plan, Betterment Program for Bridge Preservation (BET-BMT-BD), and part of the annual Maintenance District resurfacing program. This project is located in the Town of Boscawen, NH and performs bridge preservation work on Br. No. 139/040 that carries US 4 over River Road/BMRR (ABD) and Br. No. 131/035 that carries Tremont Street over Contoocook River. Work at Br. No. 139/040 begins approximately 1 mile west of the I-93, Exit 17 interchange and extends west 400 feet. Work at Br. No. 131/035 begins at the Concord/Boscawen town line, (approximately 0.6 miles west and south of the US 4 bridge) and extends northeasterly from the town line 513 ft.

Major bridge work is as follows:

- Br. No. 139/040 (US 4): Remove existing pavement and waterproofing membrane; conduct repairs to the concrete deck; replace 3 expansion joints; conduct repairs at abutments, piers, and the east abutment deck over backwall joint; place new pavement and membrane; and place 2 asphaltic plugs for crack control at each deck end.
- Bridge 131/035 (Tremont St.): Remove existing pavement and waterproofing membrane; conduct repairs to the concrete deck; replace 2 expansion joints; construct approach slabs; conduct repairs to the abutments; and place new pavement and membrane.

Br. No. 139/040 (US 4) is currently #155 on the 2018 Preservation priority list. Br. No. 131/035 is #47 on the 2018 Preservation priority list. This work is intended to extend the bridge service life before full deck replacement is needed.

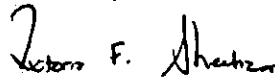
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedures. 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: 100% Other Funds (BET-BMT-BD).

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.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$1,705,470.00
Contract Amount: \$1,647,611.50
Under Estimate: \$ 57,858.50

Attachments



ABC Bid Data

BOSCAWEN
42440
NON-FEDERAL

PROJECT:	BOSCAWEN	Awarded To:	SWETT, E. D. INC.
STATE PROJECT NUMBER:	42440		8 INDUSTRIAL PARK DR
FED. PROJECT NUMBER:	NON-FEDERAL		CONCORD, NH 03301-8512
DATE BIDS OPEN:	December 19, 2019,	Amount:	\$1,647,611.50
SCOPE OF WORK:	Bridge Pres for US4 over River Rd, NHRR(ABD)(139/040) & for Tremont St over Contoocook Riv (131/035)	Certified by:	<u>PETER E. STAMNAS</u> Director of Project Development
COMPLETION DATE:	October 23, 2020	Award Date:	
LOCATION:	Merrimack		

Summary of Bidders

Contractor	Bid Amount	Rank
SWETT, E. D. INC. 8 INDUSTRIAL PARK DR, CONCORD NH 03301-8512	\$1,647,611.50	A
EVROKS CORPORATION 23 INDUSTRIAL DRIVE, NORTHFIELD NH 03276	\$1,718,741.49	B
PIPER, R. M. INC. 141 SMITH BRIDGE RD, PO BOX 490, PLYMOUTH NH 03264-0490	\$1,749,814.30	C

Item No.	Description	Unit	Quantity	P&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03278	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

209.4	GRANULAR BACKFILL (GRAV)	CY	3.00	\$34.00	\$102.00	\$100.00	\$300.00	\$200.00	\$600.00
304.301	CRUSHED GRAVEL	CY	107.00	\$55.00	\$5,885.00	\$50.00	\$5,350.00	\$125.00	\$13,375.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	335.00	\$150.00	\$50,250.00	\$175.00	\$58,625.00	\$200.00	\$67,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	15.00	\$175.00	\$2,625.00	\$300.00	\$4,500.00	\$500.00	\$7,500.00
403.6	PAVEMENT JOINT ADHESIVE	LF	5,374.00	\$2.00	\$10,748.00	\$0.75	\$4,030.50	\$0.75	\$4,030.50
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	2,993.00	\$2.50	\$7,482.50	\$2.00	\$5,986.00	\$2.00	\$5,986.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	115.00	\$300.00	\$34,500.00	\$250.00	\$28,750.00	\$250.00	\$28,750.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	192.00	\$8.00	\$1,536.00	\$10.00	\$1,920.00	\$10.00	\$1,920.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,620.00	\$7.00	\$11,340.00	\$8.00	\$12,960.00	\$8.00	\$12,960.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$195,000.00	\$195,000.00	\$100,000.00	\$100,000.00	\$164,000.00	\$164,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$130,000.00	\$130,000.00	\$125,000.00	\$125,000.00	\$100,000.00	\$100,000.00
503.201	COFFERDAMS	U	1.00	\$14,400.00	\$14,400.00	\$12,500.00	\$12,500.00	\$50,000.00	\$50,000.00
503.301	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$3,000.00	\$3,000.00	\$15,000.00	\$15,000.00	\$41,500.00	\$41,500.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	130.00	\$50.00	\$6,500.00	\$50.00	\$6,500.00	\$135.00	\$17,550.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,242.00	\$22.00	\$27,324.00	\$30.00	\$37,260.00	\$20.00	\$24,840.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	833.00	\$22.00	\$18,326.00	\$30.00	\$24,990.00	\$20.00	\$16,660.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	122.00	\$375.00	\$45,750.00	\$300.00	\$36,600.00	\$300.00	\$36,600.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$650.00	\$13,000.00	\$750.00	\$15,000.00	\$600.00	\$12,000.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	66.00	\$400.00	\$26,400.00	\$650.00	\$42,900.00	\$600.00	\$39,600.00
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	9.00	\$400.00	\$3,600.00	\$1,000.00	\$9,000.00	\$600.00	\$5,400.00
520.01	CONCRETE CLASS AA	CY	16.00	\$1,300.00	\$20,800.00	\$800.00	\$12,800.00	\$1,000.00	\$16,000.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	95.00	\$1,600.00	\$152,000.00	\$1,800.00	\$171,000.00	\$1,425.00	\$135,375.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	17.00	\$500.00	\$8,500.00	\$500.00	\$8,500.00	\$1,200.00	\$20,400.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	116.00	\$100.00	\$11,600.00	\$75.00	\$8,700.00	\$100.00	\$11,600.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	37.00	\$50.00	\$1,850.00	\$50.00	\$1,850.00	\$60.00	\$2,220.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,145.00	\$26.00	\$55,770.00	\$25.00	\$53,625.00	\$23.00	\$49,335.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	825.00	\$30.00	\$24,750.00	\$24.00	\$19,800.00	\$22.00	\$18,150.00
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	32.00	\$7.75	\$248.00	\$5.00	\$160.00	\$10.00	\$320.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	45.00	\$10.50	\$472.50	\$10.00	\$450.00	\$10.00	\$450.00

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 4 INDUSTRIAL PARK DR CONCORD, NH 03301-4512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03278	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
544.	REINFORCING STEEL (F)	LB	2,349.00	\$2.00	\$4,698.00	\$2.50	\$5,872.50	\$3.00	\$7,047.00
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	142.00	\$5.00	\$710.00	\$5.00	\$710.00	\$1.99	\$282.58
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	7,954.00	\$2.50	\$19,885.00	\$2.75	\$21,873.50	\$2.00	\$15,908.00
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	608.00	\$5.50	\$3,344.00	\$6.00	\$3,648.00	\$2.52	\$1,532.16
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	119.00	\$8.00	\$952.00	\$6.00	\$714.00	\$5.75	\$684.25
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	134.00	\$100.00	\$13,400.00	\$100.00	\$13,400.00	\$80.00	\$10,720.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	43.00	\$600.00	\$25,800.00	\$600.00	\$25,800.00	\$700.00	\$30,100.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$800.00	\$62,400.00	\$600.00	\$46,800.00	\$700.00	\$54,600.00
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$800.00	\$62,400.00	\$600.00	\$46,800.00	\$700.00	\$54,600.00
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$800.00	\$62,400.00	\$600.00	\$46,800.00	\$700.00	\$54,600.00
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	43.00	\$800.00	\$34,400.00	\$600.00	\$25,800.00	\$700.00	\$30,100.00
562.1	SILICONE JOINT SEALANT (F)	LF	20.00	\$17.00	\$340.00	\$20.00	\$400.00	\$25.00	\$500.00
563.072	ALUMINUM POST ASSEMBLY FOR F RAIL (2-BAR)	EA	3.00	\$365.00	\$1,095.00	\$300.00	\$900.00	\$385.00	\$1,155.00
563.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$880.00	\$6,160.00	\$300.00	\$2,100.00	\$385.00	\$2,695.00
563.8	RESETTING BRIDGE RAIL	LF	10.00	\$500.00	\$5,000.00	\$100.00	\$1,000.00	\$50.00	\$500.00
604.0007	POLYETHYLENE LINER	EA	3.00	\$145.00	\$435.00	\$200.00	\$600.00	\$200.00	\$600.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$420.00	\$1,260.00	\$1,000.00	\$3,000.00	\$600.00	\$1,800.00
604.72	GRATES & FRAMES, TYPE B	EA	3.00	\$520.00	\$1,560.00	\$750.00	\$2,250.00	\$400.00	\$1,200.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	640.00	\$30.00	\$19,200.00	\$30.00	\$19,200.00	\$20.50	\$13,120.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	780.00	\$65.00	\$49,400.00	\$60.00	\$45,600.00	\$55.00	\$41,800.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$4,000.00	\$16,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	16.00	\$15.00	\$240.00	\$150.00	\$2,400.00	\$150.00	\$2,400.00
609.5	RESET GRANITE CURB	LF	62.00	\$15.00	\$780.00	\$25.00	\$1,300.00	\$50.00	\$2,600.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	92.00	\$74.00	\$6,808.00	\$100.00	\$9,200.00	\$70.00	\$6,440.00
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$21,000.00	\$21,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00
618.7	FLAGGERS	HR	960.00	\$30.00	\$28,800.00	\$35.10	\$33,696.00	\$38.50	\$36,960.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$60,000.00	\$60,000.00	\$40,000.00	\$40,000.00	\$54,500.00	\$54,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00	\$4,500.00	\$13,500.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	1.00	\$3,300.00	\$3,300.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	327.00	\$3.00	\$981.00	\$3.00	\$981.00	\$1.00	\$327.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	507.00	\$4.00	\$2,028.00	\$3.00	\$1,521.00	\$4.00	\$2,028.00

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-6512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	7,060.00	\$0.50	\$3,530.00	\$0.40	\$2,824.00	\$0.40	\$2,824.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,050.00	\$1.50	\$31,575.00	\$2.50	\$52,625.00	\$1.00	\$21,050.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	152.00	\$2.50	\$380.00	\$10.00	\$1,520.00	\$6.00	\$912.00
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	13,540.00	\$2.50	\$33,850.00	\$3.00	\$40,620.00	\$1.00	\$13,540.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$5,500.00	\$11,000.00	\$10,000.00	\$20,000.00	\$7,500.00	\$15,000.00
692.	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00	\$195,395.00	\$195,395.00
698.13	FIELD OFFICE TYPE C	MON	20.00	\$1,700.00	\$34,000.00	\$750.00	\$15,000.00	\$1,000.00	\$20,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00	\$1.00	\$600.00
Totals:					\$1,705,470.00		\$1,647,611.50		\$1,718,741.49
Alt. Totals:									
Totals:					\$1,705,470.00		\$1,647,611.50		\$1,718,741.49

Item No.	Description	Unit	Quantity	PS&E		PPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0400		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

209.4	GRANULAR BACKFILL (GRAV)	CY	3.00	\$34.00	\$102.00	\$50.00	\$150.00		
304.301	CRUSHED GRAVEL	CY	107.00	\$55.00	\$5,885.00	\$50.00	\$5,350.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	335.00	\$150.00	\$50,250.00	\$190.00	\$63,650.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	15.00	\$175.00	\$2,625.00	\$190.00	\$2,850.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	5,374.00	\$2.00	\$10,748.00	\$1.20	\$6,448.80		
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	2,993.00	\$2.50	\$7,482.50	\$3.50	\$10,475.50		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	115.00	\$300.00	\$34,500.00	\$190.00	\$21,850.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	192.00	\$8.00	\$1,536.00	\$20.00	\$3,840.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,620.00	\$7.00	\$11,340.00	\$10.00	\$16,200.00		
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$195,000.00	\$195,000.00	\$135,000.00	\$135,000.00		
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$130,000.00	\$130,000.00	\$77,000.00	\$77,000.00		
503.201	COFFERDAMS	U	1.00	\$14,400.00	\$14,400.00	\$40,000.00	\$40,000.00		
503.301	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$3,000.00	\$3,000.00	\$30,000.00	\$30,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	130.00	\$50.00	\$6,500.00	\$75.00	\$9,750.00		
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,242.00	\$22.00	\$27,324.00	\$15.00	\$18,630.00		
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	833.00	\$22.00	\$18,326.00	\$15.00	\$12,495.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	122.00	\$375.00	\$45,750.00	\$350.00	\$42,700.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$650.00	\$13,000.00	\$600.00	\$12,000.00		
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	66.00	\$400.00	\$26,400.00	\$600.00	\$39,600.00		
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	9.00	\$400.00	\$3,600.00	\$600.00	\$5,400.00		
520.01	CONCRETE CLASS AA	CY	16.00	\$1,300.00	\$20,800.00	\$850.00	\$13,600.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	95.00	\$1,600.00	\$152,000.00	\$1,250.00	\$118,750.00		
520.0302	CONCRETE CLASS AA APPROACH SLABS (OC/QA) (F)	CY	17.00	\$500.00	\$8,500.00	\$1,500.00	\$25,500.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	116.00	\$100.00	\$11,600.00	\$100.00	\$11,600.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	37.00	\$50.00	\$1,850.00	\$50.00	\$1,850.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,145.00	\$26.00	\$55,770.00	\$20.00	\$42,900.00		
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	825.00	\$30.00	\$24,750.00	\$40.00	\$33,000.00		
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	32.00	\$7.75	\$248.00	\$9.00	\$288.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	45.00	\$10.50	\$472.50	\$10.00	\$450.00		

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03284-0490		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
544.	REINFORCING STEEL (F)	LB	2,349.00	\$2.00	\$4,698.00	\$3.00	\$7,047.00		
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	142.00	\$5.00	\$710.00	\$4.00	\$568.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	7,954.00	\$2.50	\$19,885.00	\$3.25	\$25,850.50		
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	608.00	\$5.50	\$3,344.00	\$4.50	\$2,736.00		
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	119.00	\$8.00	\$952.00	\$10.00	\$1,190.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	134.00	\$100.00	\$13,400.00	\$85.00	\$11,390.00		
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	43.00	\$600.00	\$25,800.00	\$775.00	\$33,325.00		
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$800.00	\$62,400.00	\$750.00	\$58,500.00		
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$800.00	\$62,400.00	\$750.00	\$58,500.00		
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$800.00	\$62,400.00	\$750.00	\$58,500.00		
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	43.00	\$800.00	\$34,400.00	\$750.00	\$32,250.00		
562.1	SILICONE JOINT SEALANT (F)	LF	20.00	\$17.00	\$340.00	\$20.00	\$400.00		
563.072	ALUMINUM POST ASSEMBLY FOR F RAIL (2-BAR)	EA	3.00	\$365.00	\$1,095.00	\$900.00	\$2,700.00		
563.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$880.00	\$6,160.00	\$900.00	\$6,300.00		
563.8	RESETTING BRIDGE RAIL	LF	10.00	\$500.00	\$5,000.00	\$300.00	\$3,000.00		
604.0007	POLYETHYLENE LINER	EA	3.00	\$145.00	\$435.00	\$250.00	\$750.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$420.00	\$1,260.00	\$600.00	\$1,800.00		
604.72	GRATES & FRAMES, TYPE B	EA	3.00	\$520.00	\$1,560.00	\$500.00	\$1,500.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	640.00	\$30.00	\$19,200.00	\$27.00	\$17,280.00		
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	760.00	\$65.00	\$49,400.00	\$75.00	\$57,000.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$5,000.00	\$20,000.00	\$4,500.00	\$18,000.00		
608.12	2" BITUMINOUS SIDEWALK (F)	SY	16.00	\$15.00	\$240.00	\$30.00	\$480.00		
609.5	RESET GRANITE CURB	LF	52.00	\$15.00	\$780.00	\$60.00	\$3,120.00		
609.55	RESET GRANITE CURB (BRIDGE)	LF	92.00	\$74.00	\$6,808.00	\$70.00	\$6,440.00		
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00		
618.7	FLAGGERS	HR	960.00	\$30.00	\$28,800.00	\$42.50	\$40,800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$60,000.00	\$60,000.00	\$100,000.00	\$100,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$5,000.00	\$15,000.00	\$6,500.00	\$19,500.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	1.00	\$3,300.00	\$3,300.00	\$6,000.00	\$6,000.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	327.00	\$3.00	\$981.00	\$2.00	\$654.00		
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	507.00	\$4.00	\$2,028.00	\$2.50	\$1,267.50		

Item No.	Description	Unit	Quantity	P&E		PPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	7,060.00	\$0.50	\$3,530.00	\$0.45	\$3,177.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,050.00	\$1.50	\$31,575.00	\$2.00	\$42,100.00		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	152.00	\$2.50	\$380.00	\$6.00	\$912.00		
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	13,540.00	\$2.50	\$33,850.00	\$2.50	\$33,850.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$5,500.00	\$11,000.00	\$6,000.00	\$12,000.00		
692.	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$175,000.00	\$175,000.00		
698.13	FIELD OFFICE TYPE C	MON	20.00	\$1,700.00	\$34,000.00	\$500.00	\$10,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00		
Totals:					\$1,705,470.00		\$1,749,814.30		
Alt. Totals:									
Totals:					\$1,705,470.00		\$1,749,814.30		

PS&E Comparison

BOSCAWEN
 42440
 NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
209.4	GRANULAR BACKFILL (GRAV)	CY	3.00	\$100.00	\$300.00	\$34.00	\$102.00	\$198.00
304.301	CRUSHED GRAVEL	CY	107.00	\$50.00	\$5,350.00	\$55.00	\$5,885.00	(\$535.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	335.00	\$175.00	\$58,625.00	\$150.00	\$50,250.00	\$8,375.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	15.00	\$300.00	\$4,500.00	\$175.00	\$2,625.00	\$1,875.00
403.6	PAVEMENT JOINT ADHESIVE	LF	5,374.00	\$0.75	\$4,030.50	\$2.00	\$10,748.00	(\$6,717.50)
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	2,993.00	\$2.00	\$5,986.00	\$2.50	\$7,482.50	(\$1,496.50)
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	115.00	\$250.00	\$28,750.00	\$300.00	\$34,500.00	(\$5,750.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	192.00	\$10.00	\$1,920.00	\$8.00	\$1,536.00	\$384.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,620.00	\$8.00	\$12,960.00	\$7.00	\$11,340.00	\$1,620.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$100,000.00	\$100,000.00	\$195,000.00	\$195,000.00	(\$95,000.00)
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00	\$130,000.00	\$130,000.00	(\$5,000.00)
503.201	COFFERDAMS	U	1.00	\$12,500.00	\$12,500.00	\$14,400.00	\$14,400.00	(\$1,900.00)
503.301	COFFERDAMS WITH SHEETING LEFT-IN-PLACE	U	1.00	\$15,000.00	\$15,000.00	\$3,000.00	\$3,000.00	\$12,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	130.00	\$50.00	\$6,500.00	\$50.00	\$6,500.00	\$0.00

511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,242.00	\$30.00	\$37,260.00	\$22.00	\$27,324.00	\$9,936.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	833.00	\$30.00	\$24,990.00	\$22.00	\$18,326.00	\$6,664.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	122.00	\$300.00	\$36,600.00	\$375.00	\$45,750.00	(\$9,150.00)
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	20.00	\$750.00	\$15,000.00	\$650.00	\$13,000.00	\$2,000.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	66.00	\$650.00	\$42,900.00	\$400.00	\$26,400.00	\$16,500.00
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	9.00	\$1,000.00	\$9,000.00	\$400.00	\$3,600.00	\$5,400.00
520.01	CONCRETE CLASS AA	CY	16.00	\$800.00	\$12,800.00	\$1,300.00	\$20,800.00	(\$8,000.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	95.00	\$1,800.00	\$171,000.00	\$1,600.00	\$152,000.00	\$19,000.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	17.00	\$500.00	\$8,500.00	\$500.00	\$8,500.00	\$0.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	116.00	\$75.00	\$8,700.00	\$100.00	\$11,600.00	(\$2,900.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	37.00	\$50.00	\$1,850.00	\$50.00	\$1,850.00	\$0.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,145.00	\$25.00	\$53,625.00	\$26.00	\$55,770.00	(\$2,145.00)
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	825.00	\$24.00	\$19,800.00	\$30.00	\$24,750.00	(\$4,950.00)
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	32.00	\$5.00	\$160.00	\$7.75	\$248.00	(\$88.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	45.00	\$10.00	\$450.00	\$10.50	\$472.50	(\$22.50)
544.	REINFORCING STEEL (F)	LB	2,349.00	\$2.50	\$5,872.50	\$2.00	\$4,698.00	\$1,174.50
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	142.00	\$5.00	\$710.00	\$5.00	\$710.00	\$0.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	7,954.00	\$2.75	\$21,873.50	\$2.50	\$19,885.00	\$1,988.50
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	608.00	\$6.00	\$3,648.00	\$5.50	\$3,344.00	\$304.00
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	119.00	\$6.00	\$714.00	\$8.00	\$952.00	(\$238.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	134.00	\$100.00	\$13,400.00	\$100.00	\$13,400.00	\$0.00

560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	43.00	\$600.00	\$25,800.00	\$600.00	\$25,800.00	\$0.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$600.00	\$46,800.00	\$800.00	\$62,400.00	(\$15,600.00)
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$600.00	\$46,800.00	\$800.00	\$62,400.00	(\$15,600.00)
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	78.00	\$600.00	\$46,800.00	\$800.00	\$62,400.00	(\$15,600.00)
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	43.00	\$600.00	\$25,800.00	\$800.00	\$34,400.00	(\$8,600.00)
562.1	SILICONE JOINT SEALANT (F)	LF	20.00	\$20.00	\$400.00	\$17.00	\$340.00	\$60.00
563.072	ALUMINUM POST ASSEMBLY FOR F RAIL (2-BAR)	EA	3.00	\$300.00	\$900.00	\$365.00	\$1,095.00	(\$195.00)
563.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$300.00	\$2,100.00	\$880.00	\$6,160.00	(\$4,060.00)
563.8	RESETTING BRIDGE RAIL	LF	10.00	\$100.00	\$1,000.00	\$500.00	\$5,000.00	(\$4,000.00)
604.0007	POLYETHYLENE LINER	EA	3.00	\$200.00	\$600.00	\$145.00	\$435.00	\$165.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$1,000.00	\$3,000.00	\$420.00	\$1,260.00	\$1,740.00
604.72	GRATES & FRAMES, TYPE B	EA	3.00	\$750.00	\$2,250.00	\$520.00	\$1,560.00	\$690.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	640.00	\$30.00	\$19,200.00	\$30.00	\$19,200.00	\$0.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	760.00	\$60.00	\$45,600.00	\$65.00	\$49,400.00	(\$3,800.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$0.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	16.00	\$150.00	\$2,400.00	\$15.00	\$240.00	\$2,160.00
609.5	RESET GRANITE CURB	LF	52.00	\$25.00	\$1,300.00	\$15.00	\$780.00	\$520.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	92.00	\$100.00	\$9,200.00	\$74.00	\$6,808.00	\$2,392.00
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00	\$0.00
618.7	FLAGGERS	HR	960.00	\$35.10	\$33,696.00	\$30.00	\$28,800.00	\$4,896.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$40,000.00	\$40,000.00	\$60,000.00	\$60,000.00	(\$20,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$6,000.00	\$18,000.00	\$5,000.00	\$15,000.00	\$3,000.00

619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	1.00	\$6,000.00	\$6,000.00	\$3,300.00	\$3,300.00	\$2,700.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	327.00	\$3.00	\$981.00	\$3.00	\$981.00	\$0.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	507.00	\$3.00	\$1,521.00	\$4.00	\$2,028.00	(\$507.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	7,060.00	\$0.40	\$2,824.00	\$0.50	\$3,530.00	(\$706.00)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,050.00	\$2.50	\$52,625.00	\$1.50	\$31,575.00	\$21,050.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	152.00	\$10.00	\$1,520.00	\$2.50	\$380.00	\$1,140.00
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	13,540.00	\$3.00	\$40,620.00	\$2.50	\$33,850.00	\$6,770.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$10,000.00	\$20,000.00	\$5,500.00	\$11,000.00	\$9,000.00
692.	MOBILIZATION	U	1.00	\$150,000.00	\$150,000.00	\$100,000.00	\$100,000.00	\$50,000.00
698.13	FIELD OFFICE TYPE C	MON	20.00	\$750.00	\$15,000.00	\$1,700.00	\$34,000.00	(\$19,000.00)
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00	\$0.00

Total:				\$1,647,611.50	\$1,705,470.00	(\$57,858.50)
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October 26, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project is located in the Town of Boscawen, NH and performs bridge preservation work on Br. No. 139/040 that carries US 4 over River Road/BMRR (ABD) and Br. No. 131/035 that carries Tremont Street over Contoocook River. Work at Br. No. 139/040 begins approximately 1 mile west of the I-93, Exit 17 interchange and extends west 400 feet. Work at Br. No. 131/035 begins at the Concord/Boscawen town line, (approximately 0.6 miles west and south of the US 4 bridge) and extends northeasterly from the town line 513 ft.

Major bridge work is as follows:

- Br. No. 139/040 (US 4): Remove existing pavement and waterproofing membrane; conduct repairs to the concrete deck; replace 3 expansion joints; conduct repairs at abutments, piers, and the east abutment deck over backwall joint; place new pavement and membrane; and place 2 asphaltic plugs for crack control at each deck end.
- Bridge 131/035 (Tremont St.): Remove existing pavement and waterproofing membrane; conduct repairs to the concrete deck; replace 2 expansion joints; construct approach slabs; conduct repairs to the abutments; and place new pavement and membrane.

FEDERAL FUNDING: None (BET-BMT-BD).

CONTINGENCY: The proposed contingency amount is 10% of the contract amount. This is to account for the risks associated with the unknown extent of the bridge repairs.

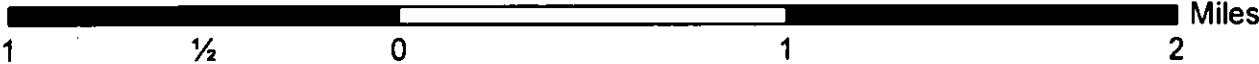
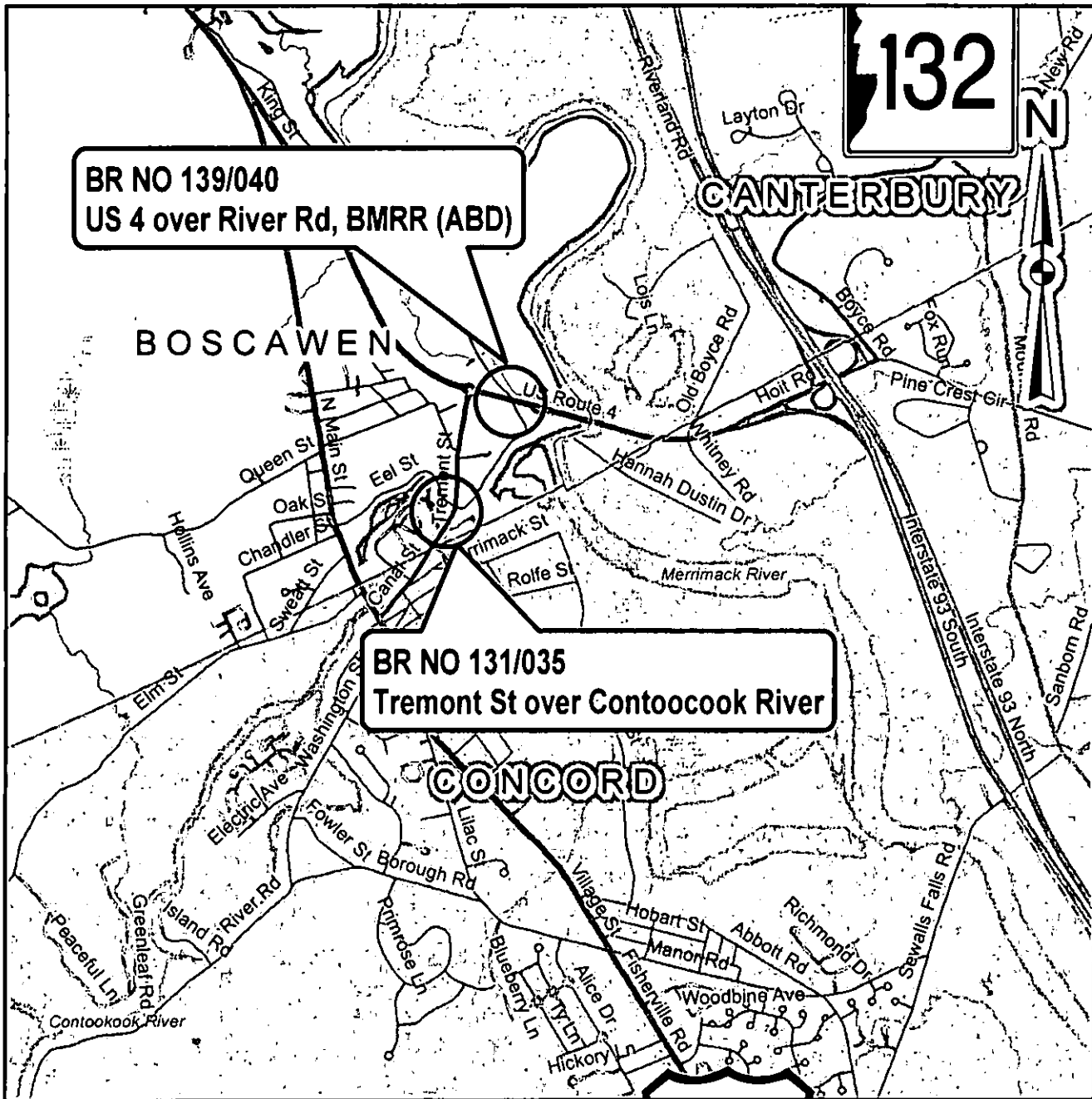
PROJECT INITIATED: This project was initiated through the Betterment Program.

PROJECT EXPLANATION: Br. No. 139/040 (US 4) is currently #155 on the 2018 Preservation priority list. Br. No. 131/035 is #47 on the 2018 Preservation priority list. This work is intended to extend the bridge service life before full deck replacement is needed.

TRAFFIC IMPLICATION: This project will be completed in 1 construction season utilizing lane shifts on Br. No. 139/040 (US 4) and 2 phase construction with one-lane, alternating two-way traffic with temporary signals at Br. No. 131/035 (Tremont St.). Pedestrian access will not be maintained across Br. No. 139/040 (US 4) because approach sidewalks terminate close to or at the bridge. Pedestrian access will be maintained across Br. No. 131/035 (Tremont St.) as an existing sidewalk will be available during each phase of work.

FINAL COMPLETION DATE: October 23, 2020.

BOSCAWEN - NH 4 & TREMONT ST



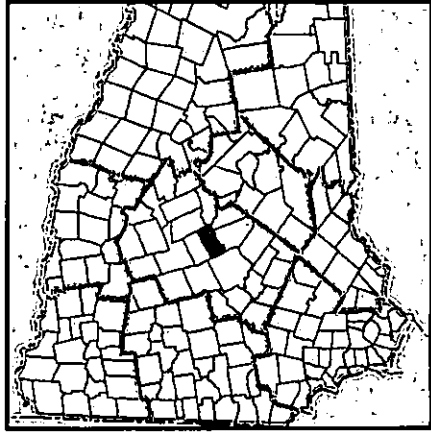
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 42440
 Federal #: N/A

LOCATION MAP



ACORD™

Client#: 635567

EDSWETT1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/27/2019

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 Services LLC 3 Executive Park Drive, Suite 300 Bedford, NH 03110 855 874-0123		CONTACT NAME: PHONE (A/C, No, Ext): 855 874-0123 FAX (A/C, No): E-MAIL ADDRESS:	
INSURED E. D. Swett, Inc. 8 Industrial Park Drive Concord, NH 03301		INSURER(S) AFFORDING COVERAGE	
		NAIC #	
		INSURER A : Travelers Indemnity Company 25658	
		INSURER B : Travelers Property Cas. Co. of America 25674	
		INSURER C : Phoenix Insurance Company 25623	
		INSURER D : Charter Oak Fire Insurance Company 25615	
		INSURER E : Charter Oak Fire Insurance Company 25615	
		INSURER F :	

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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	DTCO6C102548IND20	01/01/2020	01/01/2021	EACH OCCURRENCE	\$1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000
							MED EXP (Any one person)	\$5,000
							PERSONAL & ADV INJURY	\$1,000,000
							GENERAL AGGREGATE	\$2,000,000
							PRODUCTS - COMP/OP AGG	\$2,000,000
								\$
E	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> AUTOS ONLY	X	X	8102L9678051927G	01/01/2020	01/01/2021	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$10K	X	X	CUP8J7709741927	01/01/2020	01/01/2021	EACH OCCURRENCE	\$5,000,000
							AGGREGATE	\$5,000,000
								\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	UB9J5978701927G 3A States: NH	01/01/2020	01/01/2021	<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
D	Leased/Rented			QT6605C514207COF	01/01/2020	01/01/2021	\$250,000 Special Form Incl Theft	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Blanket Additional Insured Status, Primary and Non-Contributory and Waiver of Subrogation is provided when required by a written contract on all liability policies except the Workers Compensation.

RE: Boscawen 42440

CERTIFICATE HOLDER

State of New Hampshire
Department of Transportation
PO 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
Sue Holt

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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).

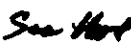
PRODUCER USI Insurance Services LLC 3 Executive Park Drive, Suite 300 Bedford, NH 03110 855 874-0123	CONTACT NAME: PHONE (A/C, No, Ext): 855 874-0123		FAX (A/C, No):
	E-MAIL ADDRESS:		
INSURED Boston & Maine Corp., Springfield Terminal Railway Co., c/o Pan Am Railways, their affiliates, successors and assigns	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Travelers Indemnity Company		25658
	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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Railroad Protective GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			SPS4P422492IND	12/23/2019	12/23/2020	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$6,000,000 PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Boscawen 42440

CERTIFICATE HOLDER Boston & Maine Corp., Springfield Terminal Railway Co. c/o Pan Am Railways, their affiliates, successors & assigns Iron Horse Park Billerica, MA 01821	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 
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Client#: 635567

EDSWETT11

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/23/2019

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 Services LLC 3 Executive Park Drive, Suite 300 Bedford, NH 03110 855 874-0123	CONTACT NAME: PHONE (A/C No, Ext): 855 874-0123		FAX (A/C, No):	
	E-MAIL ADDRESS:			
INSURED State of NH-Dept. of Transportation c/o E. D. Swett, Inc. 8 Industrial Park Drive Concord, NH 03301	INSURER(S) AFFORDING COVERAGE		NAIC #	
	INSURER A : Travelers Indemnity Company		25658	
	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 WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> OCP GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		PRS4P401459IND	12/23/2019	12/23/2020	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$3,000,000 PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A			<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Boscawon 42440

CERTIFICATE HOLDER State of New Hampshire Department of Transportation PO 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>See Hart</i>
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