



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

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

Bureau of Construction
October 12, 2020

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Evroks Corporation (Vendor 155652) of Northfield, NH, on the basis of a low bid of \$1,457,861.35 for bridge preservation work on two bridges on US 302 in Bethlehem and Carroll, from the date of Governor and Council approval through September 24, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2021, and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2022 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 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$1,129,842.54	\$328,018.81

2. Further authorize that a contingency in the amount of \$145,786.14 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 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments		\$145,786.14

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Bridge-T 1-2 Maintenance & Preservation program. This project involves bridge preservation work on two US 302 bridges over the Ammonoosuc River: Br. No. 125/177 in the Town of Bethlehem, and Br. No. 173/141 in the Town of Carroll. The scope of work for the bridge preservation includes replacement of the bridge deck pavement and membrane, partial and full depth deck repair, replacement of existing expansion joints, and final line striping. The Work shall be completed using one-lane of signal controlled alternating two-way traffic.

Bethlehem 125/177: The bridge is a 401' long three-span IB-C built in 1983. The deck, superstructure, and substructure have ratings of 7, 7, and 7, respectively. The bridge has not yet received a new membrane and the western expansion joint is leaking on to the western abutment.

Carroll 173/141: The bridge is a 111' long, single span IB-C built in 1987. The deck, superstructure, and substructure have ratings of 6, 6, and 7, respectively. The bridge has not yet received a new membrane. Performing bridge preservation activities on the bridge will prevent scour at this historic structure and extend the useful life of the bridge.

The proposed contingency amount is 10% of the contract amount. The work includes partial and full depth deck repairs. The extent of this work has been estimated, but the full extent of the work will not be fully known until the existing asphalt and membrane are removed from the bridge. These factors increase the risk of overruns.

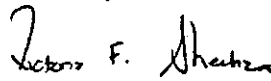
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 (Bridge-T 1-2 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.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$1,628,503.60
Contract Amount: \$1,457,861.35
Under Estimate: \$ 170,642.25
Attachments



ABC Bid Data

BETHLEHEM-CARROLL

42501

X-A004(878)

PROJECT: BETHLEHEM-CARROLL
 STATE PROJECT NUMBER: 42501
 FED. PROJECT NUMBER: X-A004(878)
 DATE BIDS OPEN: October 01, 2020, 2:00
 SCOPE OF WORK: Bridge Preservation on Carroll 173/141 and Bethlehem 125/177.
 COMPLETION DATE: September 24, 2021
 LOCATION: Coos, Grafton

Awarded To: EVROKS CORPORATION
 23 INDUSTRIAL DRIVE
 NORTHFIELD, NH 03276

Amount: \$1,457,861.35
 Award Date:

Certified by: PETER E. STAMNAS
Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
EVROKS CORPORATION 23 INDUSTRIAL DRIVE, NORTHFIELD NH 03276	\$1,457,861.35	A
PIPER, R. M. INC. 141 SMITH BRIDGE RD, PO BOX 490, PLYMOUTH NH 03264-0490	\$1,538,750.92	B
MILLER CONSTRUCTION, INC. 3103 US RT 5 SOUTH, PO BOX 86, WINDSOR VT 05089-0086	\$1,544,768.60	C
CPM CONSTRUCTORS INC 30 BONNEY STREET, PO BOX B, FREEPORT ME 04032	\$1,778,147.20	D
SICARD INC, J P 234 GLOVER ROAD, BARTON VT 05822	\$2,031,445.00	E

Item No.	Description	Unit	Quantity	P&E		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03278		PPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03284-0480	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

304.301	CRUSHED GRAVEL	CY	87.00	\$80.00	\$6,960.00	\$100.00	\$8,700.00	\$50.00	\$4,350.00
403.11043	HBP-1/2" WEARING, MM	TON	281.00	\$200.00	\$56,200.00	\$210.00	\$59,010.00	\$175.00	\$49,175.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	19.00	\$250.00	\$4,750.00	\$500.00	\$9,500.00	\$350.00	\$6,650.00
403.16	PAVEMENT JOINT ADHESIVE	LF	3,028.00	\$2.00	\$6,056.00	\$2.00	\$6,056.00	\$1.50	\$4,542.00
403.21053	HBP-3/8", MACHINE METHOD (BRIDGE BASE)	TON	138.00	\$225.00	\$31,050.00	\$250.00	\$34,500.00	\$175.00	\$24,150.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	1,716.00	\$2.50	\$4,290.00	\$5.00	\$8,580.00	\$4.50	\$7,722.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	263.00	\$9.00	\$2,367.00	\$12.50	\$3,287.50	\$20.00	\$5,260.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	880.00	\$30.00	\$26,400.00	\$20.00	\$17,600.00	\$35.00	\$30,800.00
602.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$102,500.00	\$102,500.00	\$167,000.00	\$167,000.00	\$120,000.00	\$120,000.00
602.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$44,500.00	\$44,500.00	\$39,500.00	\$39,500.00	\$60,000.00	\$60,000.00
604.1	COMMON BRIDGE EXCAVATION (F)	CY	100.00	\$60.00	\$6,000.00	\$40.00	\$4,000.00	\$50.00	\$5,000.00
611.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,846.00	\$25.00	\$46,150.00	\$20.00	\$36,920.00	\$12.00	\$22,152.00
611.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	560.00	\$25.00	\$14,000.00	\$20.00	\$11,200.00	\$20.00	\$11,200.00
611.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	143.00	\$275.00	\$39,325.00	\$300.00	\$42,900.00	\$350.00	\$50,050.00
611.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	29.00	\$650.00	\$18,850.00	\$600.00	\$17,400.00	\$1,100.00	\$31,900.00
612.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	3.00	\$500.00	\$1,500.00	\$750.00	\$2,250.00	\$2,500.00	\$7,500.00
612.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	1.00	\$500.00	\$500.00	\$1,350.00	\$1,350.00	\$2,500.00	\$2,500.00
620.01	CONCRETE CLASS AA	CY	18.00	\$1,500.00	\$28,500.00	\$1,005.00	\$19,095.00	\$850.00	\$18,150.00
620.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	27.00	\$2,000.00	\$54,000.00	\$2,300.00	\$62,100.00	\$1,400.00	\$37,800.00
620.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	2.00	\$2,000.00	\$4,000.00	\$2,850.00	\$5,700.00	\$1,400.00	\$2,800.00
620.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	8.00	\$2,000.00	\$16,000.00	\$2,300.00	\$18,400.00	\$1,400.00	\$11,200.00
634.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	68.00	\$100.00	\$5,900.00	\$125.00	\$7,375.00	\$1,000.00	\$59,000.00
638.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	124.00	\$60.00	\$7,440.00	\$60.00	\$7,440.00	\$50.00	\$6,200.00



ABC Bid Data

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	PBAE		EVROIS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03278		PPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-8498	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
638.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,406.00	\$35.00	\$84,210.00	\$20.00	\$48,120.00	\$20.00	\$48,120.00
640.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	292.00	\$50.00	\$14,800.00	\$36.50	\$10,658.00	\$50.00	\$14,800.00
640.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	769.00	\$25.00	\$19,225.00	\$21.00	\$16,149.00	\$35.00	\$26,915.00
644.2	REINFORCING STEEL, EPOXY COATED (F)	LB	9,895.00	\$2.50	\$24,987.50	\$2.75	\$27,486.25	\$1.45	\$14,492.75
644.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	405.00	\$5.50	\$2,227.50	\$3.00	\$1,215.00	\$5.00	\$2,025.00
658.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	49.00	\$110.00	\$5,390.00	\$113.00	\$5,537.00	\$125.00	\$6,125.00
680.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	57.00	\$650.00	\$37,050.00	\$950.00	\$54,150.00	\$1,100.00	\$62,700.00
681.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	140.00	\$700.00	\$98,000.00	\$780.00	\$109,200.00	\$820.00	\$114,800.00
681.3001	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	96.00	\$1,700.00	\$163,200.00	\$2,003.00	\$192,288.00	\$1,850.00	\$177,600.00
682.1	SILICONE JOINT SEALANT (F)	LF	448.00	\$20.00	\$8,960.00	\$7.00	\$3,136.00	\$25.00	\$11,200.00
683.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$500.00	\$3,500.00	\$500.00	\$3,500.00	\$825.00	\$5,775.00
683.8	RESETTING BRIDGE RAIL	LF	7.00	\$150.00	\$1,050.00	\$100.00	\$700.00	\$550.00	\$3,850.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	800.00	\$40.00	\$32,000.00	\$28.00	\$23,200.00	\$25.00	\$20,000.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	610.00	\$75.00	\$38,250.00	\$75.00	\$38,250.00	\$75.00	\$38,250.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$4,500.00	\$18,000.00	\$2,500.00	\$10,000.00	\$4,500.00	\$18,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	8.60	\$75.00	\$637.50	\$35.00	\$297.50	\$20.00	\$170.00
609.6	RESET GRANITE CURB	LF	48.00	\$41.00	\$1,968.00	\$50.00	\$2,400.00	\$25.00	\$1,200.00
609.65	RESET GRANITE CURB (BRIDGE)	LF	40.00	\$75.00	\$3,000.00	\$65.00	\$2,600.00	\$75.00	\$3,000.00
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$78,000.00	\$78,000.00	\$30,000.00	\$30,000.00	\$26,500.00	\$26,500.00
616.162	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$78,000.00	\$78,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
618.7	FLAGGERS	HR	100.00	\$29.94	\$2,994.00	\$42.50	\$4,250.00	\$37.00	\$3,700.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$180,000.00	\$180,000.00	\$17,000.00	\$17,000.00	\$65,000.00	\$65,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,750.00	\$15,000.00	\$3,000.00	\$12,000.00	\$6,500.00	\$26,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	640.00	\$3.00	\$1,620.00	\$3.00	\$1,620.00	\$2.50	\$1,350.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	5,432.00	\$0.55	\$2,987.60	\$0.80	\$4,345.60	\$0.56	\$3,041.92

ABC Bid Data

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	PS&E		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03254-0490	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,008.00	\$2.00	\$8,016.00	\$2.50	\$10,020.00	\$2.25	\$9,018.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	90.00	\$6.00	\$540.00	\$8.75	\$787.50	\$12.00	\$1,080.00
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	1,961.00	\$2.50	\$4,902.50	\$8.00	\$15,688.00	\$2.25	\$4,412.25
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	600.00	\$5.50	\$2,750.00	\$6.00	\$3,000.00	\$4.25	\$2,125.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$4,700.00	\$18,800.00	\$1,250.00	\$5,000.00	\$6,500.00	\$26,000.00
692.	MOBILIZATION	U	1.00	\$122,000.00	\$122,000.00	\$137,000.00	\$137,000.00	\$150,000.00	\$150,000.00
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,675.00	\$13,400.00	\$1,550.00	\$12,400.00	\$1,200.00	\$9,600.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
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:					\$1,628,503.60		\$1,457,861.35		\$1,538,760.92
Alt. Totals:									
Totals:					\$1,628,503.60		\$1,457,861.35		\$1,538,760.92

Item No.	Description	Unit	Quantity	P&A E		MILLER CONSTRUCTION, INC. 3183 US RT 5 SOUTH WINDSOR, VT 05093-0008		CPM CONSTRUCTORS INC 30 BONNEY STREET FREEPORT, ME 04632	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

304.301	CRUSHED GRAVEL	CY	87.00	\$80.00	\$6,960.00	\$70.00	\$6,090.00	\$54.00	\$4,698.00
403.11043	HBP-1/2" WEARING, MM	TON	281.00	\$200.00	\$56,200.00	\$195.00	\$54,795.00	\$175.00	\$49,175.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	19.00	\$250.00	\$4,750.00	\$220.00	\$4,180.00	\$195.00	\$3,705.00
403.16	PAVEMENT JOINT ADHESIVE	LF	3,028.00	\$2.00	\$6,056.00	\$2.00	\$6,056.00	\$2.00	\$6,056.00
403.21053	HBP-3/8", MACHINE METHOD (BRIDGE BASE)	TON	138.00	\$225.00	\$31,050.00	\$255.00	\$35,190.00	\$230.00	\$31,740.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	1,716.00	\$2.50	\$4,290.00	\$2.00	\$3,432.00	\$2.00	\$3,432.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	283.00	\$9.00	\$2,367.00	\$12.00	\$3,156.00	\$10.00	\$2,630.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	880.00	\$30.00	\$26,400.00	\$20.00	\$17,600.00	\$18.50	\$16,280.00
602.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$102,500.00	\$102,500.00	\$173,000.00	\$173,000.00	\$136,200.00	\$136,200.00
602.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$44,500.00	\$44,500.00	\$80,000.00	\$80,000.00	\$70,000.00	\$70,000.00
604.1	COMMON BRIDGE EXCAVATION (F)	CY	100.00	\$60.00	\$6,000.00	\$55.00	\$5,500.00	\$35.00	\$3,500.00
611.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,848.00	\$25.00	\$46,150.00	\$25.00	\$46,150.00	\$26.00	\$47,998.00
611.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	660.00	\$25.00	\$14,000.00	\$25.00	\$14,000.00	\$26.00	\$14,560.00
611.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	143.00	\$275.00	\$39,325.00	\$300.00	\$42,900.00	\$300.00	\$42,900.00
611.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	29.00	\$650.00	\$18,850.00	\$500.00	\$14,500.00	\$700.00	\$20,300.00
612.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	3.00	\$500.00	\$1,500.00	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00
612.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	1.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
620.01	CONCRETE CLASS AA	CY	19.00	\$1,500.00	\$28,500.00	\$1,000.00	\$19,000.00	\$950.00	\$18,050.00
620.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	27.00	\$2,000.00	\$54,000.00	\$1,600.00	\$43,200.00	\$1,200.00	\$32,400.00
620.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	2.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00
620.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	8.00	\$2,000.00	\$16,000.00	\$2,000.00	\$16,000.00	\$2,500.00	\$20,000.00
634.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	69.00	\$100.00	\$5,900.00	\$100.00	\$5,900.00	\$160.00	\$9,440.00
638.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	124.00	\$60.00	\$7,440.00	\$55.00	\$6,820.00	\$47.00	\$5,828.00

Item No.	Description	Unit	Quantity	PS&E		MILLER CONSTRUCTION, INC. 3183 US RT # SOUTH WINDSOR, VT 05089-0086		CPM CONSTRUCTORS INC 30 BONNEY STREET FREEPORT, ME 04032	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
638.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,406.00	\$35.00	\$84,210.00	\$19.00	\$45,714.00	\$21.00	\$50,526.00
640.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	292.00	\$50.00	\$14,800.00	\$37.00	\$10,804.00	\$51.00	\$14,882.00
640.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	769.00	\$25.00	\$19,225.00	\$16.00	\$12,304.00	\$22.00	\$16,918.00
644.2	REINFORCING STEEL, EPOXY COATED (F)	LB	9,995.00	\$2.50	\$24,987.50	\$2.50	\$24,987.50	\$2.70	\$26,986.50
644.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	405.00	\$5.50	\$2,227.50	\$5.00	\$2,025.00	\$13.00	\$5,265.00
659.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	49.00	\$110.00	\$5,390.00	\$125.00	\$6,125.00	\$130.00	\$6,370.00
660.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	67.00	\$850.00	\$37,050.00	\$900.00	\$51,300.00	\$1,100.00	\$62,700.00
661.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	140.00	\$700.00	\$98,000.00	\$700.00	\$98,000.00	\$1,300.00	\$182,000.00
661.3001	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	96.00	\$1,700.00	\$163,200.00	\$1,700.00	\$163,200.00	\$3,300.00	\$316,800.00
662.1	SILICONE JOINT SEALANT (F)	LF	448.00	\$20.00	\$8,960.00	\$20.00	\$8,960.00	\$21.00	\$9,408.00
663.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$500.00	\$3,500.00	\$400.00	\$2,800.00	\$440.00	\$3,080.00
663.8	RESETTING BRIDGE RAIL	LF	7.00	\$150.00	\$1,050.00	\$150.00	\$1,050.00	\$150.00	\$1,050.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	800.00	\$40.00	\$32,000.00	\$43.00	\$34,400.00	\$38.00	\$28,800.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	610.00	\$75.00	\$38,250.00	\$70.00	\$35,700.00	\$75.00	\$38,250.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$4,500.00	\$18,000.00	\$5,000.00	\$20,000.00	\$2,500.00	\$10,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	8.60	\$75.00	\$637.50	\$100.00	\$850.00	\$100.00	\$850.00
609.5	RESET GRANITE CURB	LF	48.00	\$41.00	\$1,968.00	\$45.00	\$2,160.00	\$65.00	\$3,120.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	40.00	\$75.00	\$3,000.00	\$65.00	\$2,600.00	\$70.00	\$2,800.00
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$78,000.00	\$78,000.00	\$26,000.00	\$26,000.00	\$42,000.00	\$42,000.00
616.162	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$78,000.00	\$78,000.00	\$30,000.00	\$30,000.00	\$63,000.00	\$63,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
618.7	FLAGGERS	HR	100.00	\$29.94	\$2,994.00	\$40.00	\$4,000.00	\$46.00	\$4,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$180,000.00	\$180,000.00	\$70,000.00	\$70,000.00	\$54,000.00	\$54,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,750.00	\$15,000.00	\$4,500.00	\$18,000.00	\$4,300.00	\$17,200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	640.00	\$3.00	\$1,820.00	\$4.00	\$2,160.00	\$10.00	\$5,400.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,432.00	\$0.55	\$2,987.60	\$0.55	\$2,987.60	\$0.60	\$3,256.20



ABC Bid Data

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	PS&E		MILLER CONSTRUCTION, INC. 3183 US RT 8 SOUTH WINDSOR, VT 05093-9086		CPM CONSTRUCTORS INC 38 BONNEY STREET FREEPORT, ME 04632	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,008.00	\$2.00	\$8,016.00	\$2.50	\$10,020.00	\$2.50	\$10,020.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	90.00	\$8.00	\$540.00	\$15.00	\$1,350.00	\$14.00	\$1,260.00
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	1,961.00	\$2.50	\$4,902.50	\$2.50	\$4,902.50	\$2.50	\$4,902.50
645.612	COMPOST SOCK FOR PERIMETER BERM	LF	600.00	\$5.50	\$2,750.00	\$5.00	\$2,500.00	\$8.00	\$3,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$4,700.00	\$18,800.00	\$3,500.00	\$14,000.00	\$5,750.00	\$23,000.00
692.	MOBILIZATION	U	1.00	\$122,000.00	\$122,000.00	\$180,000.00	\$180,000.00	\$165,000.00	\$165,000.00
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,675.00	\$13,400.00	\$1,800.00	\$14,400.00	\$2,200.00	\$17,600.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
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:					\$1,628,603.60		\$1,644,768.60		\$1,778,147.20
Alt. Totals:									
Totals:					\$1,628,603.60		\$1,644,768.60		\$1,778,147.20



ABC Bid Data

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	PS&E		SICARD INC, J P 234 GLOVER ROAD BARTON, VT 05422		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

304.301	CRUSHED GRAVEL	CY	87.00	\$80.00	\$6,960.00	\$60.00	\$5,220.00		
403.11043	HBP-1/2" WEARING, MM	TON	281.00	\$200.00	\$56,200.00	\$200.00	\$56,200.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	19.00	\$250.00	\$4,750.00	\$345.00	\$6,555.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	3,028.00	\$2.00	\$6,056.00	\$1.00	\$3,028.00		
403.21053	HBP-3/8", MACHINE METHOD (BRIDGE BASE)	TON	138.00	\$225.00	\$31,050.00	\$200.00	\$27,600.00		
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	1,716.00	\$2.50	\$4,290.00	\$1.00	\$1,716.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	263.00	\$9.00	\$2,367.00	\$25.00	\$6,575.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	880.00	\$30.00	\$26,400.00	\$15.00	\$13,200.00		
602.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$102,500.00	\$102,500.00	\$224,090.00	\$224,090.00		
602.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$44,500.00	\$44,500.00	\$158,500.00	\$158,500.00		
604.1	COMMON BRIDGE EXCAVATION (F)	CY	100.00	\$60.00	\$6,000.00	\$37.00	\$3,700.00		
611.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,848.00	\$25.00	\$46,150.00	\$15.00	\$27,690.00		
611.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	560.00	\$25.00	\$14,000.00	\$15.00	\$8,400.00		
611.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	143.00	\$275.00	\$39,325.00	\$315.00	\$45,045.00		
611.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	29.00	\$650.00	\$18,850.00	\$645.00	\$18,705.00		
612.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	3.00	\$500.00	\$1,500.00	\$2,000.00	\$6,000.00		
612.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	1.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00		
620.01	CONCRETE CLASS AA	CY	19.00	\$1,500.00	\$28,500.00	\$750.00	\$14,250.00		
620.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	27.00	\$2,000.00	\$54,000.00	\$5,400.00	\$145,800.00		
620.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	2.00	\$2,000.00	\$4,000.00	\$5,100.00	\$10,200.00		
620.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	8.00	\$2,000.00	\$16,000.00	\$1,500.00	\$12,000.00		
634.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	69.00	\$100.00	\$5,900.00	\$75.00	\$4,425.00		
638.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	124.00	\$60.00	\$7,440.00	\$48.00	\$5,952.00		

Item No.	Description	Unit	Quantity	P&E		RICARD INC, J P 234 GLOVER ROAD BARTON, VT 05422		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
638.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,406.00	\$35.00	\$84,210.00	\$18.00	\$43,308.00		
640.611	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	292.00	\$50.00	\$14,600.00	\$45.00	\$13,140.00		
640.612	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	769.00	\$25.00	\$19,225.00	\$25.00	\$19,225.00		
644.2	REINFORCING STEEL, EPOXY COATED (F)	LB	9,995.00	\$2.50	\$24,987.50	\$2.00	\$19,990.00		
644.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	405.00	\$5.50	\$2,227.50	\$15.00	\$6,075.00		
658.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	49.00	\$110.00	\$5,390.00	\$118.00	\$5,782.00		
680.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	67.00	\$650.00	\$37,050.00	\$1,300.00	\$74,100.00		
681.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	140.00	\$700.00	\$98,000.00	\$950.00	\$133,000.00		
681.3001	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	96.00	\$1,700.00	\$163,200.00	\$2,050.00	\$196,800.00		
682.1	SILICONE JOINT SEALANT (F)	LF	448.00	\$20.00	\$8,960.00	\$3.00	\$1,344.00		
683.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$500.00	\$3,500.00	\$600.00	\$4,200.00		
683.8	RESETTING BRIDGE RAIL	LF	7.00	\$150.00	\$1,050.00	\$245.00	\$1,715.00		
608.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	800.00	\$40.00	\$32,000.00	\$37.00	\$29,600.00		
608.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	610.00	\$75.00	\$38,250.00	\$66.00	\$43,860.00		
608.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$4,500.00	\$18,000.00	\$2,000.00	\$8,000.00		
608.12	2" BITUMINOUS SIDEWALK (F)	SY	8.60	\$75.00	\$637.50	\$52.00	\$442.00		
609.6	RESET GRANITE CURB	LF	48.00	\$41.00	\$1,968.00	\$30.00	\$1,440.00		
609.65	RESET GRANITE CURB (BRIDGE)	LF	40.00	\$75.00	\$3,000.00	\$50.00	\$2,000.00		
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$78,000.00	\$78,000.00	\$27,600.00	\$27,600.00		
616.162	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$78,000.00	\$78,000.00	\$31,050.00	\$31,050.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00		
618.7	FLAGGERS	HR	100.00	\$29.94	\$2,994.00	\$44.00	\$4,400.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$160,000.00	\$160,000.00	\$78,000.00	\$78,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,750.00	\$15,000.00	\$7,200.00	\$28,800.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	640.00	\$3.00	\$1,620.00	\$4.00	\$2,160.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,432.00	\$0.55	\$2,987.60	\$0.60	\$3,259.20		



ABC Bid Data

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	P&A		SICARD INC, J P 234 GLOVER ROAD BARTON, VT 05822		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,008.00	\$2.00	\$8,016.00	\$2.10	\$8,416.80		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	90.00	\$6.00	\$540.00	\$13.00	\$1,170.00		
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	1,961.00	\$2.50	\$4,902.50	\$2.00	\$3,922.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	\$5.50	\$2,750.00	\$1.00	\$500.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$4,700.00	\$18,800.00	\$7,100.00	\$28,400.00		
692.	MOBILIZATION	U	1.00	\$122,000.00	\$122,000.00	\$352,695.00	\$352,695.00		
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,675.00	\$13,400.00	\$1,650.00	\$13,200.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1010.16	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
Totals:					\$1,628,503.60		\$2,031,445.00		
Alt. Totals:									
Totals:					\$1,628,503.60		\$2,031,445.00		



PS&E Comparison

BETHLEHEM-CARROLL

42501

X-A004(878)

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	87.00	\$100.00	\$8,700.00	\$80.00	\$6,960.00	\$1,740.00
403.11043	HBP-1/2" WEARING, MM	TON	281.00	\$210.00	\$59,010.00	\$200.00	\$56,200.00	\$2,810.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	19.00	\$500.00	\$9,500.00	\$250.00	\$4,750.00	\$4,750.00
403.16	PAVEMENT JOINT ADHESIVE	LF	3,028.00	\$2.00	\$6,056.00	\$2.00	\$6,056.00	\$0.00
403.21053	HBP-3/8", MACHINE METHOD (BRIDGE BASE)	TON	138.00	\$250.00	\$34,500.00	\$225.00	\$31,050.00	\$3,450.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	1,716.00	\$5.00	\$8,580.00	\$2.50	\$4,290.00	\$4,290.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	263.00	\$12.50	\$3,287.50	\$9.00	\$2,367.00	\$920.50
417.	COLD PLANING BITUMINOUS SURFACES	SY	880.00	\$20.00	\$17,600.00	\$30.00	\$26,400.00	(\$8,800.00)
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$167,000.00	\$167,000.00	\$102,500.00	\$102,500.00	\$64,500.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$39,500.00	\$39,500.00	\$44,500.00	\$44,500.00	(\$5,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	100.00	\$40.00	\$4,000.00	\$60.00	\$6,000.00	(\$2,000.00)
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,846.00	\$20.00	\$36,920.00	\$25.00	\$46,150.00	(\$9,230.00)
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	560.00	\$20.00	\$11,200.00	\$25.00	\$14,000.00	(\$2,800.00)
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	143.00	\$300.00	\$42,900.00	\$275.00	\$39,325.00	\$3,575.00



PS&E Comparison

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	29.00	\$600.00	\$17,400.00	\$650.00	\$18,850.00	(\$1,450.00)
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	3.00	\$750.00	\$2,250.00	\$500.00	\$1,500.00	\$750.00
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	1.00	\$1,350.00	\$1,350.00	\$500.00	\$500.00	\$850.00
520.01	CONCRETE CLASS AA	CY	19.00	\$1,005.00	\$19,095.00	\$1,500.00	\$28,500.00	(\$9,405.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	27.00	\$2,300.00	\$62,100.00	\$2,000.00	\$54,000.00	\$8,100.00
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	2.00	\$2,850.00	\$5,700.00	\$2,000.00	\$4,000.00	\$1,700.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	8.00	\$2,300.00	\$18,400.00	\$2,000.00	\$16,000.00	\$2,400.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	59.00	\$125.00	\$7,375.00	\$100.00	\$5,900.00	\$1,475.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	124.00	\$60.00	\$7,440.00	\$60.00	\$7,440.00	\$0.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	2,406.00	\$20.00	\$48,120.00	\$35.00	\$84,210.00	(\$36,090.00)
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	292.00	\$36.50	\$10,658.00	\$50.00	\$14,600.00	(\$3,942.00)
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	769.00	\$21.00	\$16,149.00	\$25.00	\$19,225.00	(\$3,076.00)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	9,995.00	\$2.75	\$27,486.25	\$2.50	\$24,987.50	\$2,498.75
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	405.00	\$3.00	\$1,215.00	\$5.50	\$2,227.50	(\$1,012.50)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	49.00	\$113.00	\$5,537.00	\$110.00	\$5,390.00	\$147.00



PS&E Comparison

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	57.00	\$950.00	\$54,150.00	\$650.00	\$37,050.00	\$17,100.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	140.00	\$780.00	\$109,200.00	\$700.00	\$98,000.00	\$11,200.00
561.3001	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	96.00	\$2,003.00	\$192,288.00	\$1,700.00	\$163,200.00	\$29,088.00
562.1	SILICONE JOINT SEALANT (F)	LF	448.00	\$7.00	\$3,136.00	\$20.00	\$8,960.00	(\$5,824.00)
563.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	7.00	\$500.00	\$3,500.00	\$500.00	\$3,500.00	\$0.00
563.8	RESETTING BRIDGE RAIL	LF	7.00	\$100.00	\$700.00	\$150.00	\$1,050.00	(\$350.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	800.00	\$29.00	\$23,200.00	\$40.00	\$32,000.00	(\$8,800.00)
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	510.00	\$75.00	\$38,250.00	\$75.00	\$38,250.00	\$0.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$2,500.00	\$10,000.00	\$4,500.00	\$18,000.00	(\$8,000.00)
608.12	2" BITUMINOUS SIDEWALK (F)	SY	8.50	\$35.00	\$297.50	\$75.00	\$637.50	(\$340.00)
609.5	RESET GRANITE CURB	LF	48.00	\$50.00	\$2,400.00	\$41.00	\$1,968.00	\$432.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	40.00	\$65.00	\$2,600.00	\$75.00	\$3,000.00	(\$400.00)
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$30,000.00	\$30,000.00	\$78,000.00	\$78,000.00	(\$48,000.00)
616.162	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$30,000.00	\$30,000.00	\$78,000.00	\$78,000.00	(\$48,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00
618.7	FLAGGERS	HR	100.00	\$42.50	\$4,250.00	\$29.94	\$2,994.00	\$1,256.00



PS&E Comparison

BETHLEHEM-CARROLL

42501

X-A004(878)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$17,000.00	\$17,000.00	\$160,000.00	\$160,000.00	(\$143,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,000.00	\$12,000.00	\$3,750.00	\$15,000.00	(\$3,000.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	540.00	\$3.00	\$1,620.00	\$3.00	\$1,620.00	\$0.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	5,432.00	\$0.80	\$4,345.60	\$0.55	\$2,987.60	\$1,358.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,008.00	\$2.50	\$10,020.00	\$2.00	\$8,016.00	\$2,004.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	90.00	\$8.75	\$787.50	\$6.00	\$540.00	\$247.50
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	1,961.00	\$8.00	\$15,688.00	\$2.50	\$4,902.50	\$10,785.50
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	\$6.00	\$3,000.00	\$5.50	\$2,750.00	\$250.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$1,250.00	\$5,000.00	\$4,700.00	\$18,800.00	(\$13,800.00)
692.	MOBILIZATION	U	1.00	\$137,000.00	\$137,000.00	\$122,000.00	\$122,000.00	\$15,000.00
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,550.00	\$12,400.00	\$1,675.00	\$13,400.00	(\$1,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$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: \$1,457,861.35 \$1,628,503.60 (\$170,642.25)

September 8, 2020

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves bridge preservation work on two bridges: Br. No. 125/177 in the Town of Bethlehem, and Br. No. 173/141 in the Town of Carroll. The scope of work for the bridge preservation includes replacement of the bridge deck pavement and membrane, partial and full depth deck repair, replacement of existing expansion joints, and final line striping. The Work shall be completed using one-lane of signal controlled alternating two-way traffic.

FEDERAL FUNDING: 80% (Bridge-T 1-2 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 work includes partial and full depth deck repairs. The extent of this work has been estimated, but the full extent of the work will not be fully known until the existing asphalt and membrane are removed from the bridge. These factors increase the risk of overruns.

PROJECT INITIATED: Bridge-T 1-2 Maintenance & Preservation

PROJECT EXPLANATION:

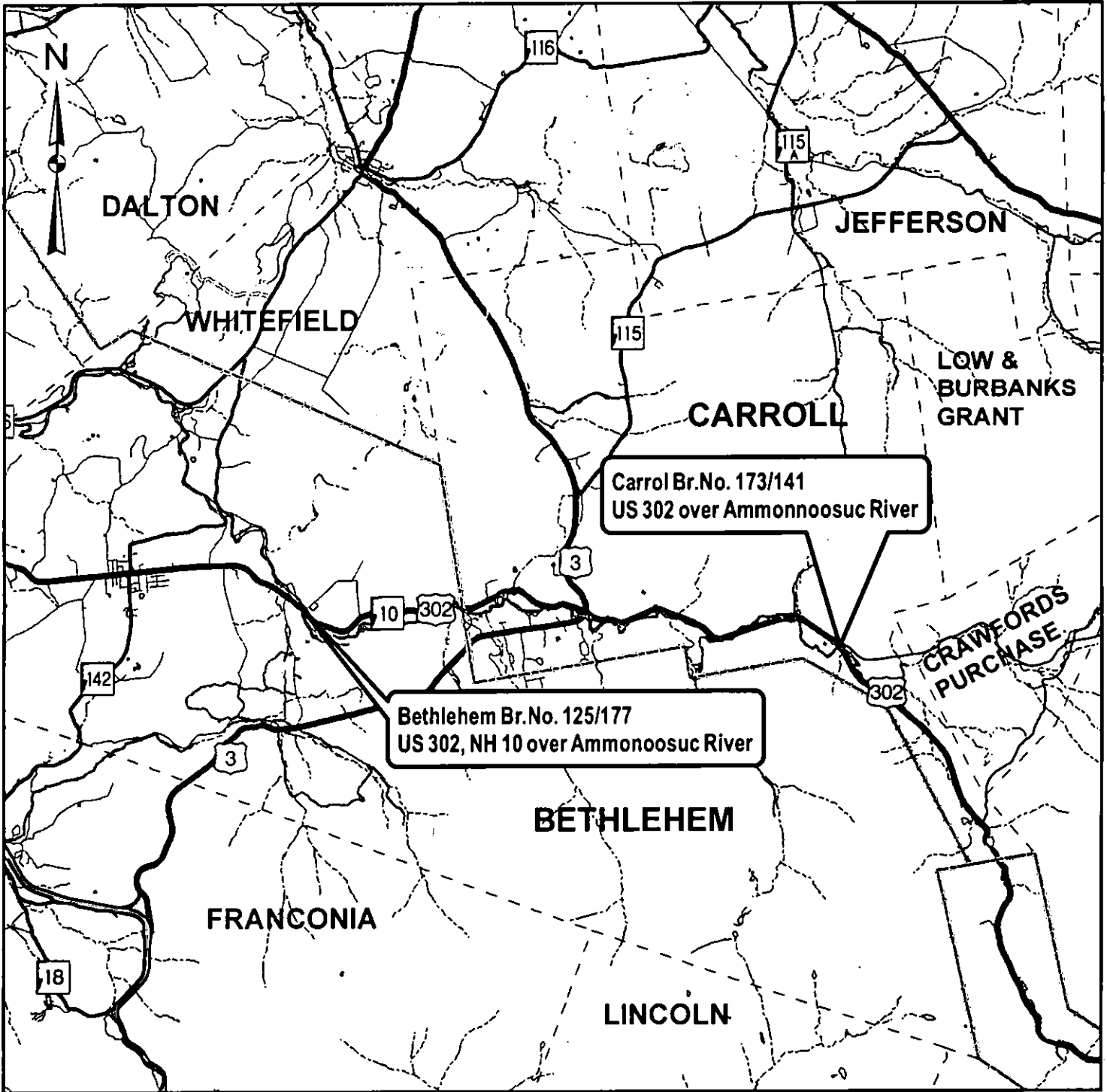
Bethlehem 125/177: The bridge is a 401' long three-span IB-C built in 1983. The deck, superstructure, and substructure have ratings of 7, 7, and 7, respectively. The bridge has not yet received a new membrane and the western expansion joint is leaking on to the western abutment.

Carroll 173/141: The bridge is a 111' long, single span IB-C built in 1987. The deck, superstructure, and substructure have ratings of 6, 6, and 7, respectively. The bridge has not yet received a new membrane. Performing bridge preservation activities on the bridge will prevent scour at this historic structure and extend the useful life of the bridge.

TRAFFIC IMPLICATION: The project anticipates traffic impacts on US Route 302 / NH Route 10 over one construction season. Traffic will be maintained utilizing one-lane alternating, two-way traffic with temporary signals. A temporary signal will also control traffic movements to and from roads adjacent to the bridges. TCC Meeting occurred on 05-20-2020, Work Zone Significance: Non-Significant.

FINAL COMPLETION DATE: September 24, 2021.

42501- Bethlehem- Carroll



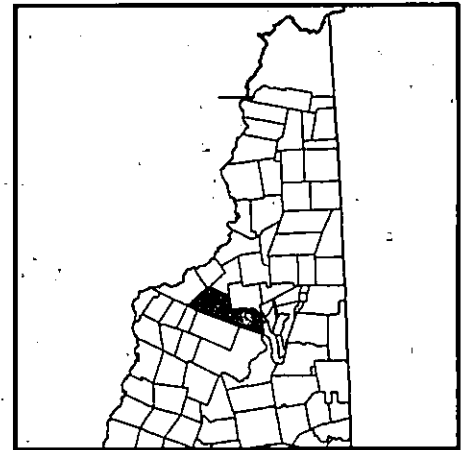
LEGEND

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

0 1 2 3 4 Miles

New Hampshire
DOT
Department of Transportation

State #: 42501
Federal #: X-A004 (878)
LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/20/2020

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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER CROSS INSURANCE - LACONIA 155 Court Street Laconia NH 03246		CONTACT NAME: Sarah Cullen, AINS, ACSR PHONE (A/C, No, Ext): (603) 524-2425 FAX (A/C, No): (603) 524-3666 E-MAIL ADDRESS: scullen@crossagency.com	
INSURED Evroks Corporation P.O. Box 318 Tilton NH 03276		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Indemnity Co INSURER B: The Charter Oak Fire Company INSURER C: Travelers Property & Casualty Company of America INSURER D: The Phoenix Insurance Co INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL2061925723 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 INSD	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 GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			8P70220A	06/30/2020	06/30/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" 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 <input type="checkbox"/> AUTOS ONLY			8P442168	06/30/2020	06/30/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist BI- \$ 1,000,000
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			8P722793	06/30/2020	06/30/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			8P699263	06/30/2020	06/30/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

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

RE: Bethlehem-Carroll X-A004(878) 42501

State of New Hampshire Department of Transportation is listed as an additional insured for ongoing and completed operations on a primary non-contributory basis for work performed by Evroks Corp when required in a written contract. Waiver of subrogation applies when allowed by state statute.

CERTIFICATE HOLDER**CANCELLATION**

State of New Hampshire Department of Transportation 7 Hazen Drive PO Box 483 Concord NH 03302	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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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/20/2020

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.

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PRODUCER Cross Insurance 491 Main Street Bangor ME 04401	CONTACT NAME: Sarah Cullen, AINS, ACSR PHONE (A/C, No, Ext): (207) 947-7345 FAX (A/C, No): (207) 941-0849 E-MAIL ADDRESS: scullen@crossagency.com
	INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Ins. Co. INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
INSURED State of New Hampshire Department of Transportation c/o Evroks Corp P.O. Box 318 Tilton NH 03276	


COVERAGES CERTIFICATE NUMBER: CL20101436742 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 INSD	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"/> Owners & Contractors Protective GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			PRS-4P41039A-IND	10/20/2020	04/20/2022	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 - COMPOP AGG \$ \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> 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 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		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: Bethlehem-Carroll X-A004(878) 42501
Bridge preservation work on two bridges: Bridge No. 125/177 in the Town of Bethlehem, and Bridge No. 173/141 in the Town of Carroll.

CERTIFICATE HOLDER State of New Hampshire Department of Transportation 7 Hazen Drive PO Box 483 Concord NH 03302	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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