THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

52

William Cass, P.E.
Commissioner

David Rodrigue, P.E.
Assistant Commissioner
Andre Briere, Colonel, USAF (RET)
Deputy Commissioner

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

Bureau of Construction
October 5, 2023

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 $1,328,109.90 for bridge preservation of 3 bridges in Marlborough (Project: Marlborough No. 44054), from the date of Governor and Council approval through October 25, 2024, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2024 and 2025 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:	FY 2024	FY 2025
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	$986,595.99	$341,513.91

2. Further authorize that a contingency in the amount of $132,810.99 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:	FY 2025
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	$132,810.99

EXPLANATION

This project is part of the State's Ten-Year Transportation Improvement Plan under the 2022 Bridge T1&2 M&P Priority List Program. This project preserves the following three bridges from north to south, which are all in Marlborough and carrying NH 12 over the S Branch of the Ashuelot River – 066/080, 072/075, & 077/065. The work limits at each bridge begins approximately 270' south of the south end of the bridges and continues 680' north across the bridges.

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

All three bridges are 67' long IB-Cs that are 44' wide from face of rail to face of rail. The deck, superstructure and substructure rating of the southernmost bridge is 6, 7, and 6, respectively, and the northern two bridges both have ratings of 7, 7, and 6, respectively. The southernmost bridge ranked # 68 on the 2022 Tier 1&2 M&P

29

priority list. The two northernmost bridges ranked 295 and 296. The bridges received preservation work in 2001 as part of the Troy-Swanzey 13593 project in 2001.

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

Although the bid costs exceeded the Department's estimate by 11.04% the low bid of three bids received is felt to be reasonable for the work involved. The major items that contributed to the higher bid were Item 616.71 Temporary Traffic Signal $ 161,100 and Item 619.1 Maintenance of Traffic $121,5400. Readvertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

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

This project funding is: 80% Federal funds (Brdg-T1/2-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.

Your approval of this resolution is respectfully requested.

Sincerely,

William Cass

William J. Cass, P.E.
Commissioner

WJC/pcj

Department Estimate:	$1,196,103.00
Contract Amount:	$1,328,109.90
Over Estimate:	$ 132,006.90

Attachments

New Hampshire DOT
Department of Transportation

ABC Bid Data

MARLBOROUGH
44054
X-A005(303)

PROJECT:	MARLBOROUGH	**Awarded To:**	EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276		
STATE PROJECT NUMBER:	44054				
FED. PROJECT NUMBER:	X-A005(303)				
DATE BIDS OPEN:	September 07, 2023,				
SCOPE OF WORK:	Address Preservation needs on 3 bridges in Marlborough on NH 12	**Amount:**	$1,328,109.90	**Certified by:**	WILLIAM.J.OLDENBURG Director of Project Development
COMPLETION DATE:	October 25, 2024	**Award Date:**			
LOCATION:	District 4, Cheshire				

Summary of Bidders

Contractor	Bid Amount	Rank
EVROKS CORPORATION 23 INDUSTRIAL DRIVE, NORTHFIELD NH 03276	$1,328,109.90	A
PIPER, R. M. INC. 141 SMITH BRIDGE ROAD, PLYMOUTH NH 03264	$1,537,396.25	B
COLD RIVER BRIDGES LLC 10 LANBRO LANE UNIT 2, WALPOLE NH 03608	$1,783,442.25	C

New Hampshire DOT
Department of Transportation

ABC Bid Data

MARLBOROUGH
44054
X-A005(303)

Item No.	Description	Unit	Quantity	P&E Unit Price	P&E Total	EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276 Unit Price	EVROKS CORPORATION Total	PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264 Unit Price	PIPER, R. M. INC. Total
Items									
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	203.00	$150.00	$30,450.00	$300.00	$60,900.00	$250.00	$50,750.00
403.16	PAVEMENT JOINT ADHESIVE	LF	2,067.00	$1.00	$2,067.00	$1.00	$2,067.00	$3.25	$6,717.75
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	101.00	$230.00	$23,230.00	$275.00	$27,775.00	$325.00	$32,825.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	2,631.00	$2.00	$5,262.00	$1.00	$2,631.00	$3.25	$8,550.75
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	138.00	$20.00	$2,760.00	$25.00	$3,450.00	$4.25	$586.50
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,722.00	$20.00	$34,440.00	$7.00	$12,054.00	$16.50	$28,413.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	$10,000.00	$10,000.00	$30,000.00	$30,000.00	$125,000.00	$125,000.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$35.00	$11,515.00	$25.00	$8,225.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$35.00	$11,515.00	$25.00	$8,225.00
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$35.00	$11,515.00	$25.00	$8,225.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	99.00	$400.00	$39,600.00	$550.00	$54,450.00	$450.00	$44,550.00
511.021	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS (OVERHEAD WORK)	SY	5.00	$1,000.00	$5,000.00	$1,500.00	$7,500.00	$1,000.00	$5,000.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	10.00	$1,000.00	$10,000.00	$1,200.00	$12,000.00	$750.00	$7,500.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	12.00	$800.00	$9,600.00	$1,800.00	$21,600.00	$750.00	$9,000.00
520.01	CONCRETE CLASS AA	CY	15.00	$1,000.00	$15,000.00	$1,500.00	$22,500.00	$2,500.00	$37,500.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	3.00	$2,200.00	$6,600.00	$2,750.00	$8,250.00	$2,500.00	$7,500.00
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	3.00	$2,300.00	$6,900.00	$4,500.00	$13,500.00	$2,500.00	$7,500.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	3.00	$2,000.00	$6,000.00	$3,350.00	$10,050.00	$2,500.00	$7,500.00
520.421	CONCRETE CLASS F, FLOWABLE FILL, EXCAVATABLE	CY	3.00	$1,500.00	$4,500.00	$2,700.00	$8,100.00	$1,000.00	$3,000.00
521.22	FAST-SET CONCRETE PATCHING MORTAR (VERTICAL AND OVERHEAD)	CF	2.00	$600.00	$1,200.00	$1,000.00	$2,000.00	$1,000.00	$2,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	110.00	$120.00	$13,200.00	$175.00	$19,250.00	$110.00	$12,100.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	987.00	$50.00	$49,350.00	$52.50	$51,817.50	$65.00	$64,155.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	756.00	$25.00	$18,900.00	$15.00	$11,340.00	$40.00	$30,240.00

New Hampshire DOT
Department of Transportation

ABC Bid Data

MARLBOROUGH
44054
X-A005(303)

Item No.	Description	Unit	Quantity	PSSE Unit Price	PSSE Total	EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276 Unit Price	EVROKS CORPORATION Total	PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264 Unit Price	PIPER, R. M. INC. Total
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	153.00	$175.00	$26,775.00	$158.00	$24,174.00	$150.00	$22,950.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	153.00	$200.00	$30,600.00	$195.00	$29,835.00	$150.00	$22,950.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,460.00	$45.00	$65,700.00	$15.00	$21,900.00	$40.00	$58,400.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	540.00	$70.00	$37,800.00	$161.00	$86,940.00	$85.00	$45,900.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	6.00	$5,200.00	$31,200.00	$8,000.00	$48,000.00	$4,500.00	$27,000.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	$140,000.00	$140,000.00	$161,100.00	$161,100.00	$170,000.00	$170,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	50,000.00	$1.00	$50,000.00	$1.00	$50,000.00	$1.00	$50,000.00
618.7	FLAGGERS	HR	1,000.00	$40.00	$40,000.00	$35.00	$35,000.00	$85.00	$85,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$120,000.00	$120,000.00	$121,500.00	$121,500.00	$125,000.00	$125,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	$4,000.00	$12,000.00	$8,000.00	$24,000.00	$8,500.00	$25,500.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	$3,650.00	$14,600.00	$2,800.00	$11,200.00	$7,000.00	$28,000.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	33.00	$1,150.00	$37,950.00	$745.00	$24,585.00	$1,200.00	$39,600.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	306.00	$6.50	$1,989.00	$5.00	$1,530.00	$3.25	$994.50
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,880.00	$0.65	$1,872.00	$3.75	$10,800.00	$1.50	$4,320.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	7,835.00	$3.00	$23,505.00	$2.80	$21,938.00	$1.75	$13,711.25
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	111.00	$8.00	$888.00	$8.40	$932.40	$12.50	$1,387.50
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	8,320.00	$3.50	$29,120.00	$2.80	$23,296.00	$3.50	$29,120.00
670.104	TEMPORARY PORTABLE LIGHTING	U	6.00	$6,500.00	$39,000.00	$5,750.00	$34,500.00	$5,500.00	$33,000.00
692.	MOBILIZATION	U	1.00	$90,000.00	$90,000.00	$121,600.00	$121,600.00	$200,000.00	$200,000.00
698.12	FIELD OFFICE TYPE B	MON	12.00	$2,750.00	$33,000.00	$1,500.00	$18,000.00	$1,500.00	$18,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	7,500.00	$1.00	$7,500.00	$1.00	$7,500.00	$1.00	$7,500.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	$	15,000.00	$1.00	$15,000.00	$1.00	$15,000.00	$1.00	$15,000.00
1010.15	FUEL ADJUSTMENT	$	19,000.00	$1.00	$19,000.00	$1.00	$19,000.00	$1.00	$19,000.00
			Totals:		$1,196,103.00		$1,328,109.90		$1,537,396.25
			Alt. Totals:						

ABC Bid Data

MARLBOROUGH

44054

X-A005(303)

Item No.	Description	Unit	Quantity	PSAE		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276		PIPER, R. M. INC. 141 SMITH BRIDGE ROAD PLYMOUTH, NH 03264	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
			Totals:		$1,196,103.00		$1,328,109.90		$1,537,396.25

New Hampshire DOT
Department of Transportation

ABC Bid Data

MARLBOROUGH
44054
X-A005(303)

Item No.	Description	Unit	Quantity	PSAE Unit Price	PSAE Total	COLD RIVER BRIDGES LLC 10 LANBRO LANE UNIT 2 WALPOLE, NH 03608 Unit Price	COLD RIVER BRIDGES LLC Total	Unit Price	Total
Items									
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	203.00	$150.00	$30,450.00	$425.00	$86,275.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	2,067.00	$1.00	$2,067.00	$4.50	$9,301.50		
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	101.00	$230.00	$23,230.00	$425.00	$42,925.00		
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	2,631.00	$2.00	$5,262.00	$4.50	$11,839.50		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	138.00	$20.00	$2,760.00	$50.00	$6,900.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,722.00	$20.00	$34,440.00	$20.00	$34,440.00		
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	$10,000.00	$10,000.00	$25,000.00	$25,000.00		
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$95.00	$31,255.00		
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$95.00	$31,255.00		
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$95.00	$31,255.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	99.00	$400.00	$39,600.00	$850.00	$84,150.00		
511.021	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS (OVERHEAD WORK)	SY	5.00	$1,000.00	$5,000.00	$3,500.00	$17,500.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	10.00	$1,000.00	$10,000.00	$1,750.00	$17,500.00		
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	12.00	$800.00	$9,600.00	$2,500.00	$30,000.00		
520.01	CONCRETE CLASS AA	CY	15.00	$1,000.00	$15,000.00	$1,600.00	$24,000.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	3.00	$2,200.00	$6,600.00	$4,500.00	$13,500.00		
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	3.00	$2,300.00	$6,900.00	$4,500.00	$13,500.00		
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	3.00	$2,000.00	$6,000.00	$4,500.00	$13,500.00		
520.421	CONCRETE CLASS F, FLOWABLE FILL, EXCAVATABLE	CY	3.00	$1,500.00	$4,500.00	$2,000.00	$6,000.00		
521.22	FAST-SET CONCRETE PATCHING MORTAR (VERTICAL AND OVERHEAD)	CF	2.00	$600.00	$1,200.00	$3,500.00	$7,000.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	110.00	$120.00	$13,200.00	$150.00	$16,500.00		
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	987.00	$50.00	$49,350.00	$125.00	$123,375.00		
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	756.00	$25.00	$18,900.00	$20.00	$15,120.00		

New Hampshire DOT
Department of Transportation

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44054
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Item No.	Description	Unit	Quantity	PSAE Unit Price	PSAE Total	COLD RIVER BRIDGES LLC 10 LANBRO LANE UNIT 2 WALPOLE, NH 03608 Unit Price	Total	Unit Price	Total
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	153.00	$175.00	$26,775.00	$200.00	$30,600.00		
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	153.00	$200.00	$30,600.00	$250.00	$38,250.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,460.00	$45.00	$65,700.00	$75.00	$109,500.00		
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	540.00	$70.00	$37,800.00	$125.00	$67,500.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	6.00	$5,200.00	$31,200.00	$7,500.00	$45,000.00		
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	$140,000.00	$140,000.00	$155,000.00	$155,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	50,000.00	$1.00	$50,000.00	$1.00	$50,000.00		
618.7	FLAGGERS	HR	1,000.00	$40.00	$40,000.00	$50.00	$50,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$120,000.00	$120,000.00	$155,000.00	$155,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	$4,000.00	$12,000.00	$8,000.00	$24,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	$3,650.00	$14,600.00	$5,000.00	$20,000.00		
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	33.00	$1,150.00	$37,950.00	$1,000.00	$33,000.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	306.00	$6.50	$1,989.00	$10.00	$3,060.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,880.00	$0.65	$1,872.00	$0.75	$2,160.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	7,835.00	$3.00	$23,505.00	$1.35	$10,577.25		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	111.00	$8.00	$888.00	$4.00	$444.00		
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	8,320.00	$3.50	$29,120.00	$5.50	$45,760.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	6.00	$6,500.00	$39,000.00	$3,500.00	$21,000.00		
692.	MOBILIZATION	U	1.00	$90,000.00	$90,000.00	$165,000.00	$165,000.00		
698.12	FIELD OFFICE TYPE B	MON	12.00	$2,750.00	$33,000.00	$2,000.00	$24,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	7,500.00	$1.00	$7,500.00	$1.00	$7,500.00		
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	$	19,000.00	$1.00	$19,000.00	$1.00	$19,000.00		
			Totals:		$1,196,103.00		$1,783,442.25		
			Alt. Totals:						

ABC Bid Data

MARLBOROUGH

44054

X-A005(303)

Item No.	Description	Unit	Quantity	PSAE		COLD RIVER BRIDGES LLC 19 LANBRO LANE UNIT 2 WALPOLE, NH 03608			
				Unit Price	Total	Unit Price	Total	Unit Price	Total
			Totals:		$1,196,103.00		$1,783,442.25		

PS&E Comparison

MARLBOROUGH
44054
X-A005(303)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	203.00	$300.00	$60,900.00	$150.00	$30,450.00	$30,450.00
403.16	PAVEMENT JOINT ADHESIVE	LF	2,067.00	$1.00	$2,067.00	$1.00	$2,067.00	$0.00
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	101.00	$275.00	$27,775.00	$230.00	$23,230.00	$4,545.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	2,631.00	$1.00	$2,631.00	$2.00	$5,262.00	($2,631.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	138.00	$25.00	$3,450.00	$20.00	$2,760.00	$690.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,722.00	$7.00	$12,054.00	$20.00	$34,440.00	($22,386.00)
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	$30,000.00	$30,000.00	$10,000.00	$10,000.00	$20,000.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$35.00	$11,515.00	$0.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$35.00	$11,515.00	$0.00
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	329.00	$35.00	$11,515.00	$35.00	$11,515.00	$0.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	99.00	$550.00	$54,450.00	$400.00	$39,600.00	$14,850.00
511.021	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS (OVERHEAD WORK)	SY	5.00	$1,500.00	$7,500.00	$1,000.00	$5,000.00	$2,500.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	10.00	$1,200.00	$12,000.00	$1,000.00	$10,000.00	$2,000.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	12.00	$1,800.00	$21,600.00	$800.00	$9,600.00	$12,000.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

MARLBOROUGH
44054
X-A005(303)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
520.01	CONCRETE CLASS AA	CY	15.00	$1,500.00	$22,500.00	$1,000.00	$15,000.00	$7,500.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	3.00	$2,750.00	$8,250.00	$2,200.00	$6,600.00	$1,650.00
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	3.00	$4,500.00	$13,500.00	$2,300.00	$6,900.00	$6,600.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	3.00	$3,350.00	$10,050.00	$2,000.00	$6,000.00	$4,050.00
520.421	CONCRETE CLASS F, FLOWABLE FILL, EXCAVATABLE	CY	3.00	$2,700.00	$8,100.00	$1,500.00	$4,500.00	$3,600.00
521.22	FAST-SET CONCRETE PATCHING MORTAR (VERTICAL AND OVERHEAD)	CF	2.00	$1,000.00	$2,000.00	$600.00	$1,200.00	$800.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	110.00	$175.00	$19,250.00	$120.00	$13,200.00	$6,050.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	987.00	$52.50	$51,817.50	$50.00	$49,350.00	$2,467.50
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	756.00	$15.00	$11,340.00	$25.00	$18,900.00	($7,560.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	153.00	$158.00	$24,174.00	$175.00	$26,775.00	($2,601.00)
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	153.00	$195.00	$29,835.00	$200.00	$30,600.00	($765.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,460.00	$15.00	$21,900.00	$45.00	$65,700.00	($43,800.00)
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	540.00	$161.00	$86,940.00	$70.00	$37,800.00	$49,140.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	6.00	$8,000.00	$48,000.00	$5,200.00	$31,200.00	$16,800.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	$161,100.00	$161,100.00	$140,000.00	$140,000.00	$21,100.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	50,000.00	$1.00	$50,000.00	$1.00	$50,000.00	$0.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

MARLBOROUGH
44054
X-A005(303)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
618.7	FLAGGERS	HR	1,000.00	$35.00	$35,000.00	$40.00	$40,000.00	($5,000.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$121,500.00	$121,500.00	$120,000.00	$120,000.00	$1,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	$8,000.00	$24,000.00	$4,000.00	$12,000.00	$12,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	$2,800.00	$11,200.00	$3,650.00	$14,600.00	($3,400.00)
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	33.00	$745.00	$24,585.00	$1,150.00	$37,950.00	($13,365.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	306.00	$5.00	$1,530.00	$6.50	$1,989.00	($459.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,880.00	$3.75	$10,800.00	$0.65	$1,872.00	$8,928.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	7,835.00	$2.80	$21,938.00	$3.00	$23,505.00	($1,567.00)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	111.00	$8.40	$932.40	$8.00	$888.00	$44.40
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	8,320.00	$2.80	$23,296.00	$3.50	$29,120.00	($5,824.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	6.00	$5,750.00	$34,500.00	$6,500.00	$39,000.00	($4,500.00)
692.	MOBILIZATION	U	1.00	$121,600.00	$121,600.00	$90,000.00	$90,000.00	$31,600.00
698.12	FIELD OFFICE TYPE B	MON	12.00	$1,500.00	$18,000.00	$2,750.00	$33,000.00	($15,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	7,500.00	$1.00	$7,500.00	$1.00	$7,500.00	$0.00
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	$	19,000.00	$1.00	$19,000.00	$1.00	$19,000.00	$0.00

Total:	$1,328,109.90	$1,196,103.00	$132,006.90

MARLBOROUGH
X-A005(303)
44054

August 15, 2023

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project preserves the following three bridges from north to south, which are all in Marlborough and carrying NH 12 over the S Branch of the Ashuelot River – 066/080, 072/075, & 077/065. The work limits at each bridge begins approximately 270' south of the south end of the bridges and continues 680' north across the bridges.

The scope of work includes removal and replacement of the bridge deck pavement and barrier membrane; partial and full depth deck repairs; installation of zinc anodes; and installation of crack seals. The work also includes installation of a Smart Work Zone with dynamic message signs in Keene and Troy.

FEDERAL FUNDING: 80% (Brdg-T1/2-M&P) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

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

PROJECT INITIATED: 2022 Bridge T1&2 M&P Priority List

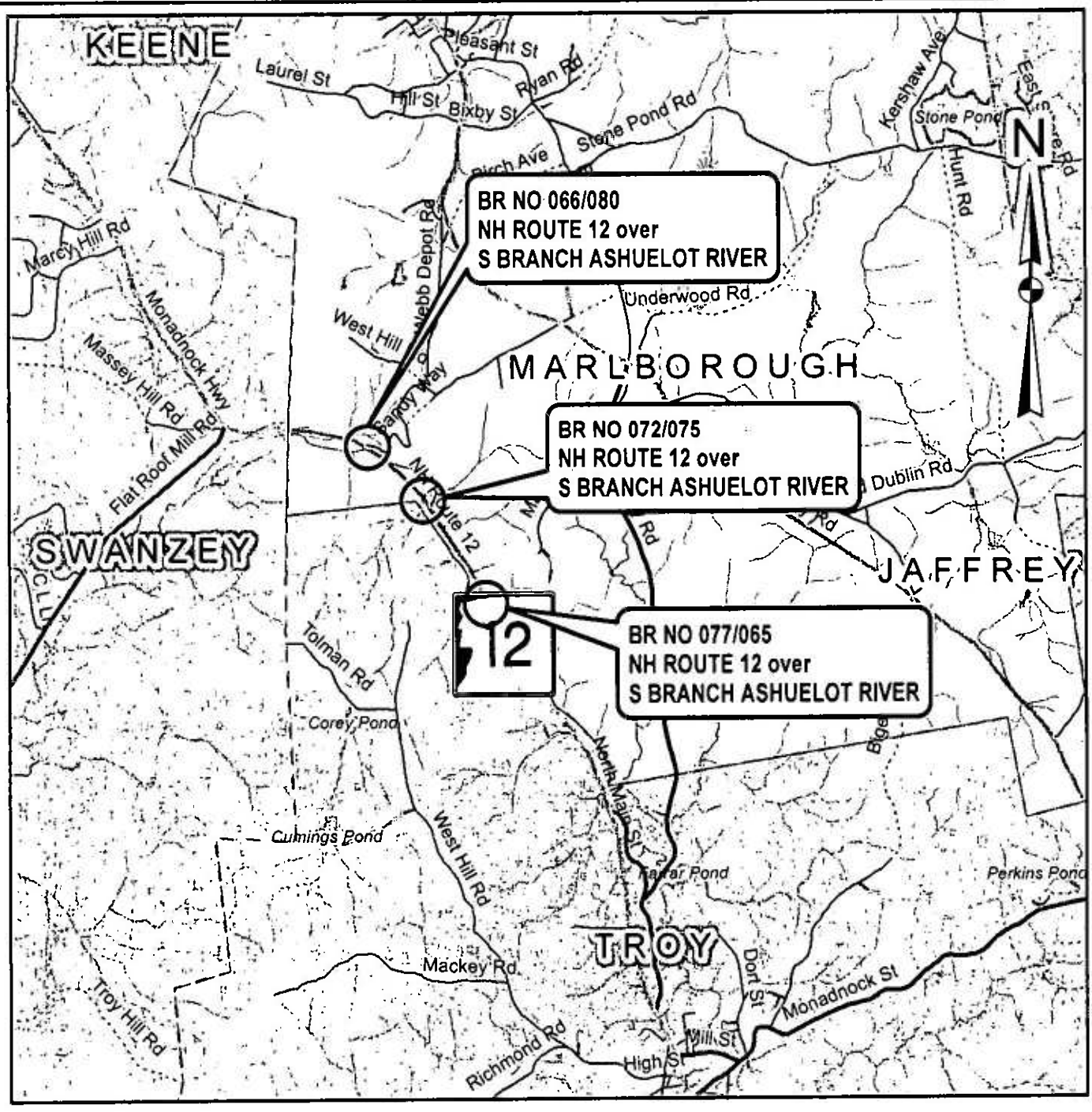
PROJECT EXPLANATION: The purpose of the project is to extend the useful life of the bridge by performing bridge preservation activities. The bridge preservation work will extend the functional life of the bridge and delay regression to a lower condition state.

All three bridges are 67' long IB-Cs that are 44' wide from face of rail to face of rail. The deck, superstructure and substructure rating of the southernmost bridge is 6, 7, and 6, respectively, and the northern two bridges both have ratings of 7, 7, and 6, respectively. The southernmost bridge ranked # 68 on the 2022 Tier 1&2 M&P priority list. The two northernmost bridges ranked 295 and 296. The bridges received preservation work in 2001 as part of the Troy-Swanzey 13593 project in 2001.

TRAFFIC IMPLICATION: The bridge preservation work will take place in two phases. One lane of alternating two-way traffic controlled by signals will be implemented. A Smart Work Zone is included to advise motorist of time required to get through the 8.7 mile corridor versus a 10.4 mile alternate route that takes 18 minutes.

FINAL COMPLETION DATE: October 25, 2024.

MARLBOROUGH - NH ROUTE 12



Miles

1 ½ 0 1 2

LEGEND

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

New Hampshire DOT
Department of Transportation

State # 44054
Federal # X-A005 (303)
LOCATION MAP

State of New Hampshire

Department of State

CERTIFICATE

I, David M. Scanlan, Secretary of State of the State of New Hampshire, do hereby certify that EVROKS CORPORATION is a New Hampshire Profit Corporation registered to transact business in New Hampshire on February 07, 1983. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: **59773**

Certificate Number: **0006326668**

IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 27th day of September A.D. 2023.

David M. Scanlan

Secretary of State

SOLE OFFICER CERTIFICATE OF AUTHORITY

I, Michael Ferrari, President, hereby certify that I am the Sole Officer of

Evroks Corporation, which is a corporation registered with the
(Name of Corporation)

Secretary of State under RSA 349.

I further certify that it is understood that the State of New Hampshire may rely on this certificate as evidence that I am currently occupy the position indicated and that I have full authority to bind the corporation. This authority remains in full force and effect for thirty (30) days from the date of this Certificate.

DATED: September 28, 2023

ATTESTED: _____
Michael Ferrari, President

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 09/28/2023

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: sarah.cullen@crossagency.com

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	Travelers Indemnity Co	25658
INSURER B :	The Charter Oak Fire Ins Co	25615
INSURER C :	Travelers Prop. Cas. Co. of America	25674
INSURER D :	The Phoenix Ins Co	25623
INSURER E :		
INSURER F :		

INSURED
Evroks Corporation
P.O. Box 318
Tilton NH 03276

COVERAGES **CERTIFICATE NUMBER:** CL2362638743 **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	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC OTHER:	Y	Y	8P70220A	06/30/2023	06/30/2024	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
							GL Expansion	$
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY	Y	Y	8P442168	06/30/2023	06/30/2024	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
							Medical Payments	$ 5,000
C	[X] UMBRELLA LIAB [X] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $	Y	Y	8P722793	06/30/2023	06/30/2024	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) Y/N [N] If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		8P699263	06/30/2023	06/30/2024	[X] PER STATUTE [ ] OTH-ER	
							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)

Workers Compensation 3A states: NH

RE: Marlborough X-A005(303), 44054

State of New Hampshire Department of Transportation is included as additional insured on a primary and non-contributory basis on General Liability, Automobile and Umbrella when required by written contract. General Liability additional insured provision applies to ongoing and completed operations when required by written contract. Waiver of Subrogation is included on General Liability, Automobile, Umbrella and Workers Compensation (where

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

Sarah Cullen

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 09/28/2023

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-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: sarah.cullen@crossagency.com

INSURER(S) AFFORDING COVERAGE	NAIC #
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:** CL2392648212 **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 ☐ CLAIMS-MADE ☒ OCCUR ☒ Owners & Contractors Protective GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER:			PRS-5R663293	09/28/2023	03/28/2025	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 ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY 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? Y/N ☐ (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					☐ PER STATUTE ☐ OTH-ER	
							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: Marlborough X-A005(303), 44054

Project preserves (3) bridges in Marlborough carrying NH 12 over the south branch of the Ashuelot River, 066/080, 072/075 and 077/065

CERTIFICATE HOLDER

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

CANCELLATION

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AUTHORIZED REPRESENTATIVE

Sarah Cullen

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