



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

Andre Briere
Deputy Commissioner

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

Bureau of Construction
November 18, 2022

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Brox Industries, Inc. (Vendor 177569) of Dracut, MA, on the basis of a low bid of \$2,944,860.92 for pavement resurfacing of the Exit 5 ramps on I-95, Exits 14 – 18 ramps on the Spaulding Turnpike, Hampton Br. No. 118/129 over I-95 and crack sealing the Spaulding Turnpike from MM 24.6 to 33.2 (Project: Eastern Turnpike Paving 43300), from the date of Governor and Council approval through September 22, 2023, unless amended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available in State Fiscal Year 2023, and is anticipated to be available in Fiscal Year 2024 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 3 columns: Funding description, FY 2023, FY 2024. Includes rows for Turnpike Renewal & Replacement and Highway Contract Payments.

2. Further authorize that a contingency in the amount of \$147,243.05 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Table with 2 columns: Funding description, FY 2024. Includes rows for Turnpike Renewal & Replacement and Highway Contract Payments.

EXPLANATION

This project is part of the Turnpike's Renewal and Replacement Program. This project involves resurfacing the Exit 5 ramps on I-95 in Portsmouth; Exit ramps 14 – 18 on the Spaulding Turnpike in Rochester and Milton; Hampton Br. No. 118/129, Towle Farm Road over I-95; and crack sealing the Spaulding Turnpike from MM 24.6 to 33.2.

The Exit ramps are experiencing transverse and longitudinal cracking with extensive locations of delamination due to the age of the pavement and high volume of traffic. The deterioration is beyond addressing with preservation efforts and milling and inlaying the roadways is required. The proposed

improvements will extend the life of these assets and will return them to the preservation schedule for the future. Hampton Br. No. 118/129 has severe pavement deterioration. Crack sealing MM 24.6 – 33.2 will preserve the design life of the pavement.

Ramp 5 and ramps 14 through 18 work will consist of full width, 1.5" - 2" mill and inlay, with 17 SB off ramp getting a 3" full width mill and inlay. The bridges throughout the sections will have a 1-inch mill and inlay where necessary. Hampton Br. No. 118/129 will have 1" mill and inlay. Crack sealing is proposed from MM 24.6 - 33.2. In addition, curbs shall be reset where required, and minor basin repairs.

The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2022-2023 winter.

Although the bid costs exceeded the Department's estimate by 2.83%, the low bid of two bids received is felt to be reasonable for the work involved. Three items of significance accounted for 100% of the overage (pavement (2) and cold planing). Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

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

This project funding is: 0% Federal (100% - Turnpike Funded from the Renewal and Replacement Program).

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.

Sincerely,



William Cass, P.E.  
Assistant Commissioner

Department Estimate:	\$2,863,953.05
Contract Amount:	<u>\$2,944,860.92</u>
Over Estimate:	\$80,907.87
Attachments	



# ABC Bid Data

EASTERN TURNPIKE PAVING

43300

NON-FEDERAL

**PROJECT:** EASTERN TURNPIKE PAVING  
**STATE PROJECT NUMBER:** 43300  
**FED. PROJECT NUMBER:** NON-FEDERAL  
**DATE BIDS OPEN:** November 10, 2022,  
**SCOPE OF WORK:** Eastern Turnpike Paving  
**COMPLETION DATE:** September 22, 2023  
**LOCATION:** Rockingham, Strafford

**Awarded To:** BROX INDUSTRIES, INC.  
1471 METHUEN STREET  
DRACUT, MA 01826

**Amount:** \$2,944,860.92  
**Award Date:**

**Certified by:** PETER.E.STAMNAS  
Director of Project Development

## Summary of Bidders

Contractor	Bid Amount	Rank
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$2,944,860.92	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$4,264,333.61	B

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		PRICE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	200.00	\$35.00	\$7,000.00	\$60.00	\$12,000.00	\$75.00	\$15,000.00
403.11922	HBP-3/4" BINDER MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	388.00	\$105.00	\$40,740.00	\$110.00	\$42,680.00	\$147.00	\$57,036.00
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	10,208.00	\$105.00	\$1,071,840.00	\$110.00	\$1,122,880.00	\$147.00	\$1,500,576.00
403.11953	HBP-3/8" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH	TON	422.00	\$105.00	\$44,310.00	\$215.00	\$90,730.00	\$250.00	\$105,500.00
403.12	HBP-HAND METHOD	TON	100.00	\$250.00	\$25,000.00	\$180.00	\$18,000.00	\$500.00	\$50,000.00
403.16	PAVEMENT JOINT ADHESIVE	LF	45,133.00	\$0.35	\$15,796.55	\$0.60	\$27,079.80	\$1.00	\$45,133.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	838.00	\$2.00	\$1,676.00	\$2.00	\$1,676.00	\$3.00	\$2,514.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	11,008.00	\$3.00	\$33,024.00	\$4.00	\$44,032.00	\$8.00	\$88,064.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	5,387.00	\$4.50	\$24,151.50	\$9.00	\$48,303.00	\$9.00	\$48,303.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	50.00	\$200.00	\$10,000.00	\$110.00	\$5,500.00	\$250.00	\$12,500.00
413.1	HOT-POURED CRACK SEALANT	LB	22,500.00	\$2.00	\$45,000.00	\$4.00	\$90,000.00	\$4.00	\$90,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	107,331.00	\$2.25	\$241,494.75	\$3.50	\$375,658.50	\$6.25	\$670,818.75
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	185.00	\$175.00	\$32,375.00	\$185.00	\$34,225.00	\$200.00	\$37,000.00
604.0007	POLYETHYLENE LINER	EA	127.00	\$165.00	\$20,955.00	\$125.00	\$15,875.00	\$200.00	\$25,400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	131.00	\$500.00	\$65,500.00	\$455.00	\$59,605.00	\$800.00	\$104,800.00
604.71	GRATES & FRAMES, TYPE A	EA	5.00	\$800.00	\$4,000.00	\$1,025.00	\$5,125.00	\$1,000.00	\$5,000.00
608.2601	6" CONCRETE SIDEWALK	SY	100.00	\$100.00	\$10,000.00	\$105.00	\$10,500.00	\$130.00	\$13,000.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	500.00	\$50.00	\$25,000.00	\$40.00	\$20,000.00	\$85.00	\$42,500.00
609.5	RESET GRANITE CURB	LF	500.00	\$25.00	\$12,500.00	\$20.00	\$10,000.00	\$50.00	\$25,000.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$50,000.00	\$50,000.00	\$8,000.00	\$8,000.00	\$35,000.00	\$35,000.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	5.00	\$1,400.00	\$7,000.00	\$1,200.00	\$6,000.00	\$1,700.00	\$8,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00
618.7	FLAGGERS	HR	300.00	\$45.00	\$13,500.00	\$55.50	\$16,650.00	\$59.00	\$17,700.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$270,000.00	\$270,000.00	\$175,000.00	\$175,000.00	\$400,000.00	\$400,000.00

# ABC Bid Data

EASTERN TURNPIKE PAVING

43300

NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
618.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$2,000.00	\$12,000.00	\$3,500.00	\$21,000.00	\$3,000.00	\$18,000.00
618.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00
618.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$5,000.00	\$10,000.00	\$15,000.00	\$30,000.00	\$10,000.00	\$20,000.00
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	950.00	\$85.00	\$80,750.00	\$70.00	\$66,500.00	\$75.00	\$71,250.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,000.00	\$10.00	\$10,000.00	\$2.00	\$2,000.00	\$12.00	\$12,000.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,513.00	\$0.25	\$628.25	\$0.24	\$603.12	\$0.50	\$1,256.50
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	141,768.00	\$0.25	\$35,442.00	\$0.25	\$35,442.00	\$0.22	\$31,188.96
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	621.00	\$1.00	\$621.00	\$1.00	\$621.00	\$5.00	\$3,105.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	388.00	\$2.00	\$776.00	\$1.25	\$485.00	\$3.20	\$1,241.60
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,046.00	\$4.00	\$8,184.00	\$5.25	\$10,741.50	\$4.30	\$8,797.80
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	260.00	\$6.00	\$1,560.00	\$7.00	\$1,820.00	\$7.00	\$1,820.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	500.00	\$9.00	\$4,500.00	\$9.00	\$4,500.00	\$12.00	\$6,000.00
692.	MOBILIZATION	U	1.00	\$300,000.00	\$300,000.00	\$200,000.00	\$200,000.00	\$350,000.00	\$350,000.00
698.12	FIELD OFFICE TYPE B	MON	7.00	\$2,500.00	\$17,500.00	\$2,500.00	\$17,500.00	\$3,600.00	\$25,200.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	86,500.00	\$1.00	\$86,500.00	\$1.00	\$86,500.00	\$1.00	\$86,500.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	55,629.00	\$1.00	\$55,629.00	\$1.00	\$55,629.00	\$1.00	\$55,629.00
<b>Totals:</b>				<b>\$2,863,953.05</b>	<b>\$2,944,860.92</b>	<b>\$2,944,860.92</b>	<b>\$4,264,333.61</b>	<b>\$4,264,333.61</b>	<b>\$4,264,333.61</b>
<b>Alt. Totals:</b>									
<b>Totals:</b>				<b>\$2,863,953.05</b>	<b>\$2,944,860.92</b>	<b>\$2,944,860.92</b>	<b>\$4,264,333.61</b>	<b>\$4,264,333.61</b>	<b>\$4,264,333.61</b>



# PS&E Comparison

EASTERN TURNPIKE PAVING

43300

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	200.00	\$60.00	\$12,000.00	\$35.00	\$7,000.00	\$5,000.00
403.11922	HBP-3/4" BINDER MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	388.00	\$110.00	\$42,680.00	\$105.00	\$40,740.00	\$1,940.00
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	10,208.00	\$110.00	\$1,122,880.00	\$105.00	\$1,071,840.00	\$51,040.00
403.11953	HBP-3/8" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH	TON	422.00	\$215.00	\$90,730.00	\$105.00	\$44,310.00	\$46,420.00
403.12	HBP-HAND METHOD	TON	100.00	\$180.00	\$18,000.00	\$250.00	\$25,000.00	(\$7,000.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	45,133.00	\$0.60	\$27,079.80	\$0.35	\$15,796.55	\$11,283.25
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	838.00	\$2.00	\$1,676.00	\$2.00	\$1,676.00	\$0.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	11,008.00	\$4.00	\$44,032.00	\$3.00	\$33,024.00	\$11,008.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	5,367.00	\$9.00	\$48,303.00	\$4.50	\$24,151.50	\$24,151.50
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	50.00	\$110.00	\$5,500.00	\$200.00	\$10,000.00	(\$4,500.00)
413.1	HOT-POURED CRACK SEALANT	LB	22,500.00	\$4.00	\$90,000.00	\$2.00	\$45,000.00	\$45,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	107,331.00	\$3.50	\$375,658.50	\$2.25	\$241,494.75	\$134,163.75
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	185.00	\$185.00	\$34,225.00	\$175.00	\$32,375.00	\$1,850.00
604.0007	POLYETHYLENE LINER	EA	127.00	\$125.00	\$15,875.00	\$165.00	\$20,955.00	(\$5,080.00)

## PS&E Comparison

EASTERN TURNPIKE PAVING

43300

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	131.00	\$455.00	\$59,605.00	\$500.00	\$65,500.00	(\$5,895.00)
604.71	GRATES & FRAMES, TYPE A	EA	5.00	\$1,025.00	\$5,125.00	\$800.00	\$4,000.00	\$1,125.00
608.2601	6" CONCRETE SIDEWALK	SY	100.00	\$105.00	\$10,500.00	\$100.00	\$10,000.00	\$500.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	500.00	\$40.00	\$20,000.00	\$50.00	\$25,000.00	(\$5,000.00)
609.5	RESET GRANITE CURB	LF	500.00	\$20.00	\$10,000.00	\$25.00	\$12,500.00	(\$2,500.00)
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$8,000.00	\$8,000.00	\$50,000.00	\$50,000.00	(\$42,000.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	5.00	\$1,200.00	\$6,000.00	\$1,400.00	\$7,000.00	(\$1,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$0.00
618.7	FLAGGERS	HR	300.00	\$55.50	\$16,650.00	\$45.00	\$13,500.00	\$3,150.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$175,000.00	\$175,000.00	\$270,000.00	\$270,000.00	(\$95,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$3,500.00	\$21,000.00	\$2,000.00	\$12,000.00	\$9,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,500.00	\$7,000.00	\$2,000.00	\$4,000.00	\$3,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$15,000.00	\$30,000.00	\$5,000.00	\$10,000.00	\$20,000.00
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	950.00	\$70.00	\$66,500.00	\$85.00	\$80,750.00	(\$14,250.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,000.00	\$2.00	\$2,000.00	\$10.00	\$10,000.00	(\$8,000.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,513.00	\$0.24	\$603.12	\$0.25	\$628.25	(\$25.13)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	141,768.00	\$0.25	\$35,442.00	\$0.25	\$35,442.00	\$0.00

## PS&E Comparison

EASTERN TURNPIKE PAVING

43300

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	621.00	\$1.00	\$621.00	\$1.00	\$621.00	\$0.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	388.00	\$1.25	\$485.00	\$2.00	\$776.00	(\$291.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,046.00	\$5.25	\$10,741.50	\$4.00	\$8,184.00	\$2,557.50
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	260.00	\$7.00	\$1,820.00	\$6.00	\$1,560.00	\$260.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	500.00	\$9.00	\$4,500.00	\$9.00	\$4,500.00	\$0.00
692.	MOBILIZATION	U	1.00	\$200,000.00	\$200,000.00	\$300,000.00	\$300,000.00	(\$100,000.00)
698.12	FIELD OFFICE TYPE B	MON	7.00	\$2,500.00	\$17,500.00	\$2,500.00	\$17,500.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	86,500.00	\$1.00	\$86,500.00	\$1.00	\$86,500.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	55,629.00	\$1.00	\$55,629.00	\$1.00	\$55,629.00	\$0.00
<b>Total:</b>					\$2,944,860.92		\$2,863,953.05	\$80,907.87



October 18, 2022

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves resurfacing the Exit 5 ramps on I-95 in Portsmouth; Exit ramps 14 – 18 on the Spaulding Turnpike in Rochester and Milton; Hampton Br. No. 118/129, Towle Farm Road over I-95; and crack sealing the Spaulding Turnpike from MM 24.6 to 33.2.

**FEDERAL FUNDING:** 0% (100% Turnpike Funded from the Renewal and Replacement Program)

**CONTINGENCY:** The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2022-2023 winter.

**PROJECT INITIATED:** This project was initiated through the Turnpike Renewal and Replacement Program.

**PROJECT EXPLANATION:** The Exit ramps are experiencing transverse and longitudinal cracking with extensive locations of delamination due to the age of the pavement and high volume of traffic. The deterioration is beyond addressing with preservation efforts and milling and inlaying the roadways is required. The proposed improvements will extend the life of these assets and will return them to the preservation schedule for the future. Hampton Br. No. 118/129 has severe pavement deterioration. Crack sealing MM 24.6 – 33.2 will preserve the design life of the pavement.

Ramp 5 and ramps 14 through 18 work will consist of full width, 1.5” - 2” mill and inlay, with 17 SB off ramp getting a 3” full width mill and inlay. The bridges throughout the sections will have a 1-inch mill and inlay where necessary. Hampton Br. No. 118/129 will have 1” mill and inlay. Crack sealing is proposed from MM 24.6 - 33.2. In addition, curbs shall be reset where required, and minor basin repairs.

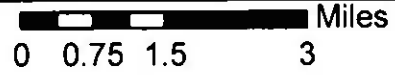
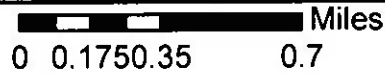
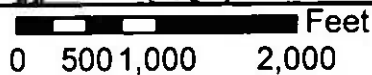
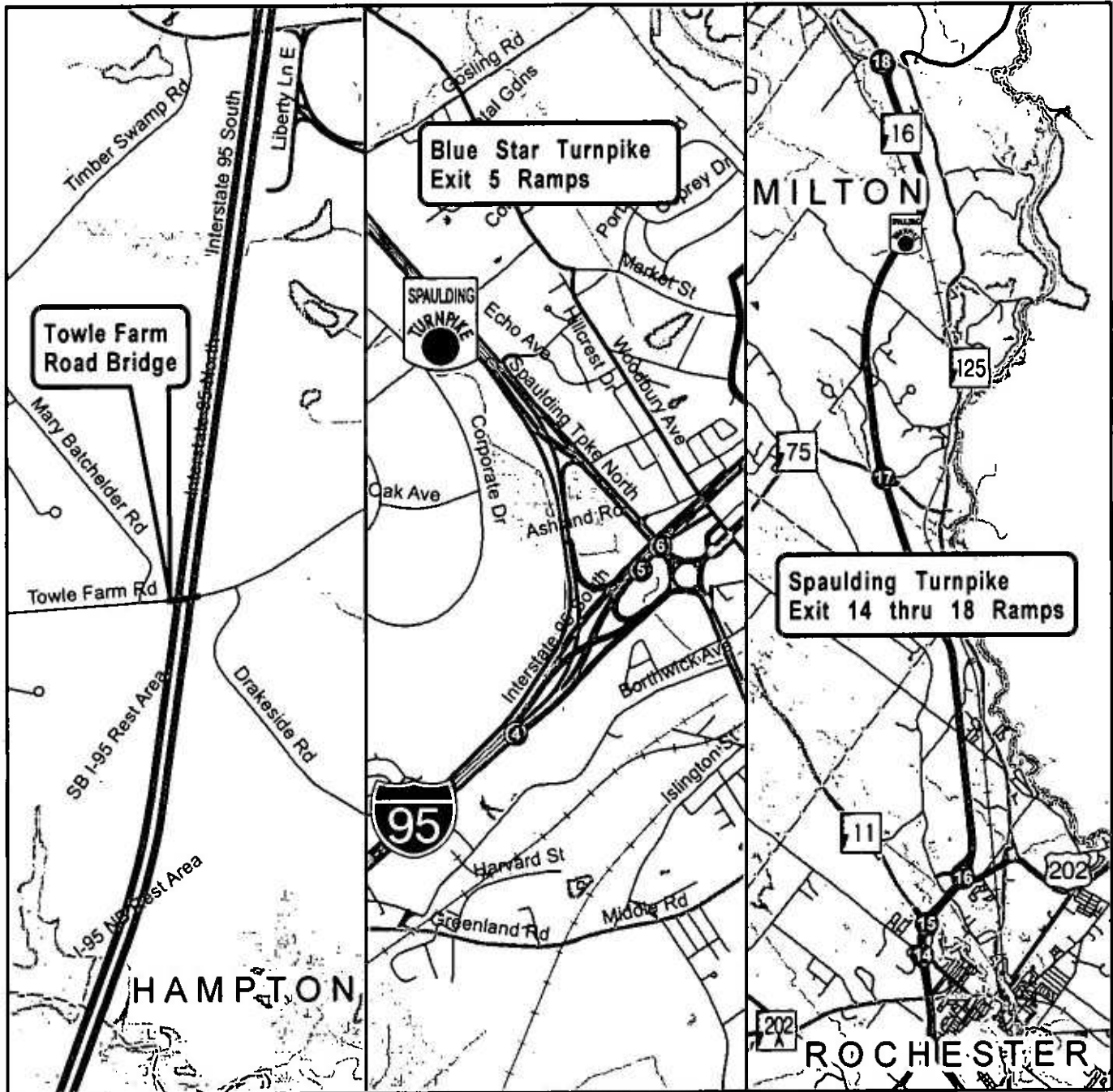
**TRAFFIC IMPLICATION:** The traffic impacts are expected to be minimal. Construction will take place at night with ramp closures during the following timeframes:

Sunday through Thursday NB: 9:00pm to 5:00am

Monday through Friday SB: 9:00pm to 5:00am

**COMPLETION DATE:** September 22, 2023.

# EASTERN TURNPIKE RESURFACING

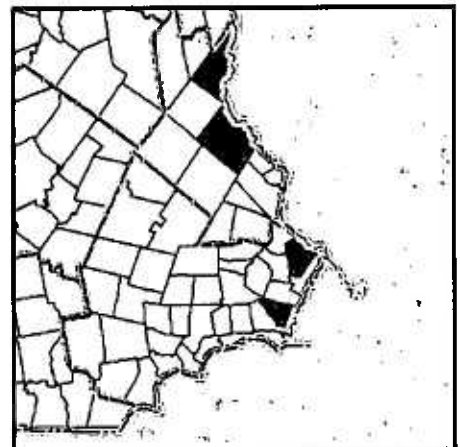


## LEGEND

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

New Hampshire  
**DOT**  
 Department of Transportation

State #: 43300  
 Federal #: N/A  
**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 BROX INDUSTRIES, INC. is a Massachusetts Profit Corporation registered to transact business in New Hampshire on May 03, 1989. 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: 141358

Certificate Number: 0005768204



IN TESTIMONY WHEREOF,  
I hereto set my hand and cause to be affixed  
the Seal of the State of New Hampshire,  
this 28th day of April A.D. 2022.

A handwritten signature in black ink, appearing to read "D. Scanlan", is written over a faint circular stamp.

David M. Scanlan  
Secretary of State

**Certificate of Authority # 1**

*(Corporation, Non-Profit Corporation)*

**Corporate Resolution**

I, Cecilia Nickerson, hereby certify that I am duly elected Clerk/Secretary/Officer of  
*(Name)*  
Brox Industries, Inc. I hereby certify the following is a true copy of a vote taken at  
*(Name of Corporation)*

a meeting of the Board of Directors/shareholders, duly called and held on July 25, 2022

at which a quorum of the Directors/shareholders were present and voting.

Stephen M. Brox (President), Cecilia Nickerson (Clerk), Henry K. Hyder III (Asst. Clerk)

**VOTED:** That \_\_\_\_\_ (may list more than one person) is  
*(Name and Title)*

duly authorized to enter into contracts or agreements on behalf of

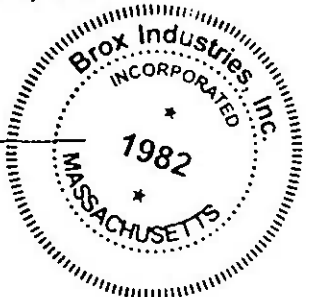
Brox Industries, Inc with the State of New Hampshire and any of  
*(Name of Corporation)*

its agencies or departments and further is authorized to execute any documents  
which may in his/her judgment be desirable or necessary to effect the purpose of  
this vote.

I hereby certify that said vote has not been amended or repealed and remains in full force  
and effect as of the date of the contract to which this certificate is attached. This authority  
remains valid for thirty (30) days from the date of this Corporate Resolution. I further certify  
that it is understood that the State of New Hampshire will rely on this certificate as evidence that  
the person(s) listed above currently occupy the position(s) indicated and that they have full  
authority to bind the corporation. To the extent that there are any limits on the authority of any  
listed individual to bind the corporation in contracts with the State of New Hampshire, all such  
limitations are expressly stated herein.

**DATED:** 11 / 23 / 2022

**ATTEST:** Cecilia Nickerson  
*(Name & Title)*





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/17/2022

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 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).

<b>PRODUCER</b>	<b>CONTACT NAME:</b> Jennifer Letendre
<b>THE ROWLEY AGENCY INC.</b>	<b>PHONE (AG, No, Ext):</b> (603) 224-2562
<b>45 Constitution Avenue</b>	<b>FAX (AG, No):</b> (603) 224-6012
<b>P.O. Box 511</b>	<b>E-MAIL ADDRESS:</b> jletendre@rowleyagency.com
<b>Concord NH 03302-0511</b>	<b>INSURER(S) AFFORDING COVERAGE</b>
	<b>INSURER A:</b> Union Insurance Company
	<b>INSURER B:</b> Acadia Insurance Company
	<b>INSURER C:</b> Firemen's Insurance Co. of Washington
	<b>INSURER D:</b>
	<b>INSURER E:</b>
	<b>INSURER F:</b>
<b>INSURED</b>	<b>NAIC #</b>
<b>Brox Industries, Inc.</b>	<b>25844</b>
<b>1471 Methuen Street</b>	<b>31325</b>
<b>Dracut MA 01826</b>	<b>21784</b>

**COVERAGES** **CERTIFICATE NUMBER: 22/23** **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.

INBR LTR	TYPE OF INSURANCE	ADOL (NSD)	SUBR (WVR)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			CPAD175495-28	10/1/2022	10/1/2023	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:						
B	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			CAA0175825-26 MAA0178524-25	10/1/2022	10/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE			CUA5455473-12	10/1/2022	10/1/2023	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
C	<input checked="" type="checkbox"/> <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	Section 3A States: NH, MA, ME WPA0175962-28	10/1/2022	10/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Start/End dates: 3/1/2023 - 9/22/2023. NH DOT-Eastern Tpke Paving, Contract# 43300. The State of NH is an additional insured with respects to general liability, auto and umbrella policies when required by written contract.

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>
State of NH DOT 7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483	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 Jennifer Letendre/JLP <i>Jenny Letendre</i>



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/17/2022

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 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).

<b>PRODUCER</b> THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511		<b>CONTACT NAME:</b> Jennifer Letendre <b>PHONE (A/C, No, Ext):</b> (603) 224-2562 <b>E-MAIL ADDRESS:</b> jletendre@rowleyagency.com <b>FAX (A/C, No):</b> (603) 224-8012	
<b>INSURED</b> Brox Industries, Inc. 1471 Methuen Street Dracut MA 01826		<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A: Firemen's Insurance Co. of Washington NAIC # 21784 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: 22/23 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
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPPOP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	Section 3A States: NH, MA, ME WPA0175962-28	10/1/2022	10/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Start/End dates: 3/1/2023 - 9/22/2023. NH DOT-Eastern Tpke Paving, Contract# 43300.

<b>CERTIFICATE HOLDER</b> State of NH DOT 7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b> 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 Robert Simpson/JLP
---	--



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/17/2022

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 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).

<b>PRODUCER</b> THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Jennifer Letendre <b>PHONE (A/C No. Ext):</b> (603) 224-2562 <b>FAX (A/C No.):</b> (603) 224-8012 <b>E-MAIL ADDRESS:</b> jletendre@rowleyagency.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Acadia Insurance Company</td> <td>31325</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Acadia Insurance Company	31325	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A: Acadia Insurance Company	31325													
INSURER B:														
INSURER C:														
INSURER D:														
INSURER E:														
INSURER F:														
<b>INSURED</b> State of NH DOT PO Box 483 Concord NH 03302-0483														

**COVERAGES**      **CERTIFICATE NUMBER: 23 NH DOT OCP**      **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 <input type="checkbox"/> Protective Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCP5537717	12/21/2022	12/21/2023	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 <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						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		Y/N 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)  
 Start/End dates: 8/3/2023 - 9/29/2023. NH DOT - Eastern Tpke paving, Contract# 43300.

<b>CERTIFICATE HOLDER</b> State of NH DOT 7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b> 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 Jennifer Letendre/JLP <i>Jenny Letendre</i>
---	---