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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

Bureau of Construction
June 23, 2022

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

REQUESTED ACTION

Authorize the Department of Transportation to increase the contract value amount for Contract # Lincoln-Franconia 41052, X-A004(544) with Pike Industries, Inc., (Vendor # 177300), of Belmont, NH, by \$139,000.00, (from \$5,485,955.10 to \$5,624,955.10) for additional fuel and asphalt price adjustment costs due to the market price escalation of oil, effective upon Governor and Council approval. 100% Federal Funds.

Funding is available as follows:	<u>FY 2023</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$139,000.00

EXPLANATION

The Lincoln-Franconia 41052, X-A004(544) contract was approved by Governor and Council on August 4, 2021 (Item # 31), on a basis of a low bid for an original contract encumbrance of \$5,485,955.10. The contract is proposed to be increased by \$139,000.00 in accordance with the standard specifications to address the following items:

- I. In accordance with the contract terms, additional price adjustment for liquid fuel and asphalt cement will be required due to the market price escalation of oil. Estimated Cost is \$139,000.00.

This Contract includes a contingency amount of \$274,297.76. We propose to maintain this contingency amount in recognition that the work is only 8.3% complete. The Final Completion date for this contract is September 16, 2022.

Your approval of this resolution is respectfully requested.

Sincerely,

Victoria F. Sheehan
Commissioner

Attachments

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Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

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

Bureau of Construction
June 3, 2021

REQUESTED ACTION

Authorize the Department of Transportation to enter into a contract with Pike Industries, Inc. of Belmont, NH (Vendor 177300), on the basis of a low bid of \$5,485,955.10, for pavement rehabilitation and preservation in Lincoln and Franconia (Franconia Notch) in Maintenance District 1, from the date of Governor and Council approval through September 16, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding to support this request is anticipated to be available in the following accounts in Fiscal Year 2022 and Fiscal Year 2023 upon the availability and continued appropriation of funds in the future budget, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2022</u>	<u>FY 2023</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$4,450,845.63	\$899,001.02

Funding is available as follows:	<u>FY 2022</u>
04-96-96-963015-3039	
Highway Betterment Aid	
400-500870 Highway Contract Payments	\$136,108.45

2. Further authorize that a contingency in the amount of \$274,297.76 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.

Funding is available as follows:	<u>FY 2023</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$274,297.76

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This project is part of the Tier 1 Federal and Tier 3/4 State resurfacing program and involves 16.3 miles of pavement resurfacing on three sections in two towns in Highway Maintenance District 1.

- 17101 – Lincoln-Franconia, I-93 & Exit 34B & C, I-93 – 1-1/2" full width polymer modified HBP inlay, (11.4 miles), Exit 34B & C Ramps – 2" full width polymer modified HBP inlay (1.9 miles), 13.3 miles
- 17101A – Franconia, Tramway Drive, 2" full width polymer modified HBP inlay, 0.1 miles
- 17101B – Lincoln, I-93, 2' wide x 2" deep curb line HBP inlays (5.8 miles of curb line), 2.9 miles

The purpose of this project is to extend the life of the existing pavement and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, drainage structure adjustments, and curb patch repair. All work through the Notch will be night work and involve alternating two-way traffic in lane/barrel shifts.

Although the bid costs exceeded the Department's estimate by 4.04%, the low bid of two bids received is felt to be reasonable for the work involved. Three areas of significance contributed to 100% of the overage (pavement-2 items, guardrail, and temporary traffic control-3 items). Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

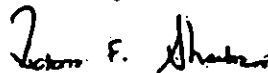
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure.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

This project funding is: 80% Federal (Pave-T2-Resurf) with anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds and 100% Betterment (Tramway Drive – Pave-T3/4-Resurf).

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: \$5,272,746.55
Contract Amount: \$5,485,955.10
Over Estimate: \$ 213,208.55

Attachments



ABC Bid Data

LINCOLN-FRANCONIA
41052
X-A004(544)

PROJECT:	LINCOLN-FRANCONIA	Awarded To:	PIKE INDUSTRIES, INC.
STATE PROJECT NUMBER:	41052		3 EASTGATE PARK ROAD
FED. PROJECT NUMBER:	X-A004(544)		BELMONT, NH 03220
DATE BIDS OPEN:	May 27, 2021, 2:00 PM	Amount:	\$5,485,955.10
SCOPE OF WORK:	Full width inlay from MP 105.9 to 111.5 including 34B and 34C. Curb repair from MP 104.4 to 105.9.	Certified by:	<u>PETER E. STAMNAS</u> <small>Director of Project Development</small>
COMPLETION DATE:	September 16, 2022	Award Date:	
LOCATION:	Grafton		

Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$5,485,955.10	A
J HUTCHINS INC 88 ROGERS LANE, RICHMOND VT 05477	\$6,207,418.75	B



ABC Bid Data

LINCOLN-FRANCONIA

41052

X-A004(844)

Item No.	Description	Unit	Quantity	PBAE		PBAE INDUSTRIES, INC. 1 EASTBAY PARK ROAD SOUTHPORT, NH 03228		J HEFFORDS INC 26 ROCKERS LAKE WICHAMOND, VT 05477	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	3,433.00	\$7.00	\$24,031.00	\$5.00	\$17,165.00	\$8.00	\$20,908.00
206.1	COMMON STRUCTURE EXCAVATION	CY	18.89	\$550.00	\$5,600.00	\$1,500.00	\$15,000.00	\$245.00	\$2,450.00
304.301	CRUSHED GRAVEL	CY	18.89	\$75.00	\$750.00	\$250.00	\$2,500.00	\$275.00	\$2,750.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	423.00	\$30.00	\$12,750.00	\$70.00	\$28,750.00	\$78.00	\$32,900.00
403.11841	HSP-1/2" POLYMER MODIFIED WEARING, MM, OC/OA TIER 1	TON	14,848.00	\$85.00	\$1,360,000.00	\$110.00	\$1,610,000.00	\$120.00	\$1,758,800.00
403.11842	HPS-1/2" POLYMER MODIFIED WEARING, MM, OC/OA TIER 2	TON	2,285.00	\$95.00	\$217,075.00	\$150.00	\$342,750.00	\$125.00	\$285,625.00
403.11843	HPS-1/2" POLYMER MODIFIED WEARING, MM	TON	18.00	\$150.00	\$2,250.00	\$300.00	\$4,500.00	\$256.78	\$3,898.28
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	663.00	\$150.00	\$100,350.00	\$200.00	\$133,800.00	\$183.25	\$123,932.25
403.16	PAVEMENT JOINT ADHESIVE	LF	183,628.00	\$0.33	\$64,298.80	\$0.40	\$73,451.20	\$0.25	\$45,907.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	17,344.00	\$2.25	\$38,796.00	\$5.00	\$88,220.00	\$5.50	\$94,942.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	19,023.00	\$3.40	\$34,078.20	\$4.00	\$80,138.00	\$4.00	\$80,138.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	194,811.00	\$2.50	\$487,027.50	\$2.35	\$457,806.65	\$3.50	\$681,838.50
417.1242	COLD PLANING BITUMINOUS SURFACES, 24" WIDE X 2" DEEP	LF	23,574.00	\$4.00	\$102,296.00	\$2.75	\$70,328.50	\$3.00	\$70,722.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	48,712.00	\$0.50	\$24,356.00	\$0.50	\$24,356.00	\$0.10	\$4,871.20
417.418	RUMBLE STRIPS, 16" WIDE	LF	33,098.00	\$0.40	\$13,232.00	\$0.75	\$24,810.00	\$0.10	\$3,308.00
417.63	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	6,632.00	\$2.00	\$11,064.00	\$4.00	\$44,256.00	\$3.00	\$49,788.00
533.412	REPAIR ASPHALTIC PUG EXPANSION JOINT (F)	LF	354.00	\$127.00	\$44,958.00	\$150.00	\$53,100.00	\$140.00	\$49,560.00
604.0007	POLYETHYLENE LINER	EA	60.00	\$133.00	\$7,980.00	\$160.00	\$9,600.00	\$225.00	\$13,500.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	60.00	\$450.00	\$27,000.00	\$475.00	\$28,500.00	\$900.00	\$54,000.00
606.12579	MEDIAN GUARDRAIL TERMINAL (POWDER COATED)	U	4.00	\$12,000.00	\$48,000.00	\$13,515.00	\$54,060.00	\$15,750.00	\$63,000.00
606.12583	MU-GUARD TRANSITION SEGMENT (POWDER COATED)	LF	100.00	\$100.00	\$10,000.00	\$110.00	\$11,000.00	\$115.00	\$11,500.00
606.25305	DOUBLE-FACED GUARDRAIL (MU-GUARD 31) (POWDER COATED)	LF	2,439.00	\$45.00	\$108,756.00	\$42.50	\$201,217.50	\$90.00	\$219,510.00
606.25948	DOUBLE-FACED GUARDRAIL (MU-GUARD 31) (3'-1X" SPACING) (POWDER COATED)	LF	608.00	\$84.00	\$32,000.00	\$115.00	\$57,600.00	\$130.00	\$58,000.00

Item No.	Description	Unit	Quantity	P&S		P&S INDUSTRIES, INC. 3 EASTBATE PARK ROAD SOUTHPORT, NH 03228		J & W CORP INC 25 ROGERS LANE RICHMOND, VT 05477	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
608.9313	TEMPORARY TRANSITION RAIL, DOUBLE FACED (STEEL POST)	U	6.00	\$1,000.00	\$6,000.00	\$2,500.00	\$15,000.00	\$2,750.00	\$16,500.00
608.9613	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	6.00	\$15,000.00	\$90,000.00	\$21,570.00	\$129,420.00	\$21,750.00	\$130,500.00
608.3491	4" CONCRETE SIDEWALK	SY	65.00	\$80.50	\$5,232.50	\$100.00	\$6,500.00	\$85.00	\$5,525.00
608.84	DETECTABLE WARNING DEVICES, CAST IRON	SY	18.00	\$434.00	\$7,812.00	\$400.00	\$7,200.00	\$750.00	\$13,500.00
609.01	STRAIGHT GRANITE CURB	LF	12.00	\$35.00	\$420.00	\$30.00	\$360.00	\$100.00	\$1,200.00
609.5	RESET GRANITE CURB	LF	638.00	\$35.00	\$22,330.00	\$35.00	\$22,330.00	\$80.00	\$51,240.00
614.822	MOLDED PULL BOX 13"x24"	EA	1.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00
614.71118	1" PVC PLASTIC CONDUIT, SCHEDULE 80	LF	18.00	\$10.00	\$180.00	\$50.00	\$900.00	\$75.00	\$1,350.00
618.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	2.00	\$20,000.00	\$40,000.00	\$72,000.00	\$144,000.00	\$18,000.00	\$36,000.00
618.81	UNIFORMED OFFICERS WITH VEHICLE	S	180,000.00	\$1.00	\$180,000.00	\$1.00	\$180,000.00	\$1.00	\$180,000.00
618.7	FLAGGERS	HR	4,818.00	\$23.00	\$112,750.00	\$43.00	\$207,174.00	\$45.00	\$216,810.00
618.1	MAINTENANCE OF TRAFFIC	U	1.00	\$900,000.00	\$900,000.00	\$400,000.00	\$400,000.00	\$685,000.00	\$685,000.00
619.28	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,600.00	\$14,400.00	\$5,500.00	\$22,000.00	\$5,000.00	\$20,000.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	8.00	\$3,100.00	\$24,800.00	\$3,900.00	\$31,200.00	\$3,800.00	\$30,400.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,000.00	\$6,000.00	\$5,500.00	\$11,000.00	\$3,500.00	\$7,000.00
619.721	COURTESY TOW VEHICLE	HR	300.00	\$100.00	\$30,000.00	\$400.00	\$120,000.00	\$150.00	\$45,000.00
618.82	PORTABLE RAISED RUMBLE STRIPS (TRANSVERSE)	U	8.00	\$8,500.00	\$68,000.00	\$1,750.00	\$14,000.00	\$2,500.00	\$20,000.00
621.229	RETROREFLECTIVE MEDIUM GUARDRAIL DELINEATOR (MODIFIED)	EA	68.00	\$18.00	\$1,224.00	\$100.00	\$6,800.00	\$110.00	\$7,480.00
622.2	SAWED BITUMINOUS PAVEMENT	LF	128.00	\$2.75	\$352.00	\$10.00	\$1,280.00	\$2.00	\$256.00
632.0184	RETROREFLECTIVE PAINT PAVL MARKING, 4" LINE	LF	2,688.00	\$0.43	\$1,152.00	\$0.25	\$672.00	\$0.25	\$672.00
632.0186	RETROREFLECTIVE PAINT PAVL MARKING, 6" LINE	LF	381,434.00	\$0.20	\$76,286.80	\$0.20	\$76,286.80	\$0.20	\$76,286.80
632.01883	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	12,450.00	\$0.15	\$1,867.50	\$0.12	\$1,494.00	\$0.12	\$1,494.00
632.01183	SHORT TERM PAVEMENT MARKINGS, 18" LINE	LF	78.00	\$0.25	\$19.50	\$3.00	\$234.00	\$3.00	\$234.00
632.1184	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	7,948.00	\$1.40	\$11,127.20	\$1.00	\$7,948.00	\$1.90	\$15,088.00
632.1186	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	114.00	\$1.40	\$159.60	\$1.25	\$142.50	\$8.50	\$969.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	78.00	\$8.50	\$663.00	\$4.00	\$312.00	\$20.00	\$1,560.00



ABC Bid Data

LINCOLN-FRANCONIA

41052

X-A004(544)

Item No.	Description	Unit	Quantity	P&A		P&E INDUSTRIES, INC. 1 EASTBATE PARK ROAD BURLINGTON, NH 05401		J MITCHELL INC 86 ROGERS LANE RICHMOND, VT 05407	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	12,343.00	\$1.45	\$17,896.35	\$1.75	\$21,600.25	\$1.75	\$21,600.25
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	18,398.00	\$3.30	\$60,512.40	\$3.75	\$68,982.50	\$3.76	\$68,982.50
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	76.00	\$7.00	\$532.00	\$5.00	\$380.00	\$5.00	\$380.00
648.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND NUTRIENTS	SY	218.00	\$8.00	\$1,744.00	\$20.00	\$4,360.00	\$17.00	\$3,706.00
677.42013	RWIS SUB-SYSTEM EQUIPMENT	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$655,000.00	\$655,000.00
677.42023	RWIS SUB-SYSTEM EQUIPMENT	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
692.	MOBILIZATION	U	1.00	\$842,000.00	\$842,000.00	\$400,000.00	\$400,000.00	\$12,000.00	\$12,000.00
698.13	FIELD OFFICE TYPE C	MOH	18.00	\$1,670.00	\$30,060.00	\$2,500.00	\$45,000.00	\$3,800.00	\$68,860.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	60,000.00	\$1.00	\$60,000.00	\$1.00	\$60,000.00	\$1.00	\$60,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	72,711.00	\$1.00	\$72,711.00	\$1.00	\$72,711.00	\$1.00	\$72,711.00
Totals:					\$8,272,748.65		\$8,488,886.10		\$8,207,418.76
Alt. Totals:									
Totals:					\$8,272,748.65		\$8,488,886.10		\$8,207,418.76



PS&E Comparison

LINCOLN-FRANCONIA

41052

X-A004(544)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.7	REMOVAL OF GUARDRAIL	LF	3,433.00	\$5.00	\$17,165.00	\$7.00	\$24,031.00	(\$6,866.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$1,500.00	\$15,000.00	\$550.00	\$5,500.00	\$9,500.00
304.301	CRUSHED GRAVEL	CY	10.00	\$250.00	\$2,500.00	\$75.00	\$750.00	\$1,750.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	425.00	\$70.00	\$29,750.00	\$30.00	\$12,750.00	\$17,000.00
403.11841	HBP-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 1	TON	14,640.00	\$110.00	\$1,610,400.00	\$95.00	\$1,390,800.00	\$219,600.00
403.11842	HPB-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 2	TON	2,285.00	\$150.00	\$342,750.00	\$95.00	\$217,075.00	\$125,675.00
403.11843	HPB-1/2" POLYMER MODIFIED WEARING, MM	TON	15.00	\$300.00	\$4,500.00	\$150.00	\$2,250.00	\$2,250.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	669.00	\$200.00	\$133,800.00	\$150.00	\$100,350.00	\$33,450.00
403.16	PAVEMENT JOINT ADHESIVE	LF	183,628.00	\$0.40	\$73,451.20	\$0.35	\$64,269.80	\$9,181.40
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	17,244.00	\$5.00	\$86,220.00	\$2.25	\$38,799.00	\$47,421.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,023.00	\$6.00	\$60,138.00	\$3.40	\$34,078.20	\$26,059.80
417.	COLD PLANING BITUMINOUS SURFACES	SY	194,811.00	\$2.35	\$457,805.85	\$2.50	\$487,027.50	(\$29,221.65)
417.1242	COLD PLANING BITUMINOUS SURFACES, 24" WIDE X 2" DEEP	LF	25,574.00	\$2.75	\$70,328.50	\$4.00	\$102,298.00	(\$31,967.50)
417.412	RUMBLE STRIPS, 12" WIDE	LF	48,712.00	\$0.50	\$24,356.00	\$0.50	\$24,356.00	\$0.00



PS&E Comparison

LINCOLN-FRANCONIA

41052

X-A004(544)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
417.416	RUMBLE STRIPS, 16" WIDE	LF	33,080.00	\$0.75	\$24,810.00	\$0.40	\$13,232.00	\$11,578.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	5,532.00	\$8.00	\$44,256.00	\$2.00	\$11,064.00	\$33,192.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	354.00	\$150.00	\$53,100.00	\$127.00	\$44,958.00	\$8,142.00
604.0007	POLYETHYLENE LINER	EA	60.00	\$160.00	\$9,600.00	\$133.00	\$7,980.00	\$1,620.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	60.00	\$475.00	\$28,500.00	\$450.00	\$27,000.00	\$1,500.00
606.12579	MEDIAN GUARDRAIL TERMINAL (POWDER COATED)	U	4.00	\$13,515.00	\$54,060.00	\$12,000.00	\$48,000.00	\$6,060.00
606.12589	NU-GUARD TRANSITION SEGMENT (POWDER COATED)	LF	100.00	\$110.00	\$11,000.00	\$100.00	\$10,000.00	\$1,000.00
606.25908	DOUBLE-FACED GUARDRAIL (NU-GUARD 31) (POWDER COATED)	LF	2,439.00	\$82.50	\$201,217.50	\$45.00	\$109,755.00	\$91,462.50
606.25948	DOUBLE-FACED GUARDRAIL (NU-GUARD 31) (3'-1 1/2" SPACING) (POWDER COATED)	LF	500.00	\$115.00	\$57,500.00	\$64.00	\$32,000.00	\$25,500.00
606.9313	TEMPORARY TRANSITION RAIL, DOUBLE FACED (STEEL POST)	U	6.00	\$2,500.00	\$15,000.00	\$1,000.00	\$6,000.00	\$9,000.00
606.9513	TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 3	U	6.00	\$21,570.00	\$129,420.00	\$15,000.00	\$90,000.00	\$39,420.00
608.2401	4" CONCRETE SIDEWALK	SY	65.00	\$100.00	\$6,500.00	\$60.50	\$3,932.50	\$2,567.50
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	15.00	\$400.00	\$6,000.00	\$434.00	\$6,510.00	(\$510.00)
609.01	STRAIGHT GRANITE CURB	LF	12.00	\$30.00	\$360.00	\$35.00	\$420.00	(\$60.00)
609.5	RESET GRANITE CURB	LF	538.00	\$35.00	\$18,830.00	\$35.00	\$18,830.00	\$0.00
614.522	MOLDED PULL BOX 13"X24"	EA	1.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$400.00



PS&E Comparison

LINCOLN-FRANCONIA

41052

X-A004(544)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
614.71118	1" PVC PLASTIC CONDUIT, SCHEDULE 80	LF	10.00	\$50.00	\$500.00	\$10.00	\$100.00	\$400.00
618.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	2.00	\$73,000.00	\$146,000.00	\$20,000.00	\$40,000.00	\$106,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00	\$0.00
618.7	FLAGGERS	HR	4,510.00	\$43.00	\$193,930.00	\$25.00	\$112,750.00	\$81,180.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$400,000.00	\$400,000.00	\$900,000.00	\$900,000.00	(\$500,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,500.00	\$22,000.00	\$3,600.00	\$14,400.00	\$7,600.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	6.00	\$3,500.00	\$21,000.00	\$3,100.00	\$18,600.00	\$2,400.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,500.00	\$11,000.00	\$3,000.00	\$6,000.00	\$5,000.00
619.721	COURTESY TOW VEHICLE	HR	300.00	\$400.00	\$120,000.00	\$100.00	\$30,000.00	\$90,000.00
619.82	PORTABLE RAISED RUMBLE STRIPS (TRANSVERSE)	U	6.00	\$1,750.00	\$10,500.00	\$6,500.00	\$39,000.00	(\$28,500.00)
621.229	RETROREFLECTIVE MEDIAN GUARDRAIL DELINEATOR (MODIFIED)	EA	65.00	\$100.00	\$6,500.00	\$16.00	\$1,040.00	\$5,460.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	125.00	\$10.00	\$1,250.00	\$2.75	\$343.75	\$906.25
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,650.00	\$0.25	\$662.50	\$0.45	\$1,192.50	(\$530.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	381,434.00	\$0.20	\$76,286.80	\$0.20	\$76,286.80	\$0.00
632.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	12,450.00	\$0.12	\$1,494.00	\$0.15	\$1,867.50	(\$373.50)
632.01189	SHORT TERM PAVEMENT MARKINGS, 18" LINE	LF	75.00	\$3.00	\$225.00	\$0.25	\$18.75	\$206.25



PS&E Comparison

LINCOLN-FRANCONIA

41052

X-A004(544)

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 (REMOVABLE) 4" LINE	LF	7,940.00	\$1.00	\$7,940.00	\$1.40	\$11,116.00	(\$3,176.00)
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 6" LINE	LF	114.00	\$1.25	\$142.50	\$1.40	\$159.60	(\$17.10)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 18" LINE	LF	75.00	\$4.00	\$300.00	\$8.50	\$637.50	(\$337.50)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	12,363.00	\$1.75	\$21,635.25	\$1.45	\$17,926.35	\$3,708.90
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	10,396.00	\$3.75	\$38,985.00	\$3.30	\$34,306.80	\$4,678.20
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	75.00	\$5.00	\$375.00	\$7.60	\$570.00	(\$195.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	210.00	\$20.00	\$4,200.00	\$6.60	\$1,386.00	\$2,814.00
677.42013	RWS SUB-SYSTEM EQUIPMENT	U	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,000.00
677.42023	RWS SUB-SYSTEM EQUIPMENT	U	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,000.00
692.	MOBILIZATION	U	1.00	\$400,000.00	\$400,000.00	\$642,000.00	\$642,000.00	(\$242,000.00)
698.13	FIELD OFFICE TYPE C	MON	16.00	\$2,500.00	\$40,000.00	\$1,670.00	\$26,720.00	\$13,280.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00



PS&E Comparison

LINCOLN-FRANCONIA

41052

X-A004(544)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	72,711.00	\$1.00	\$72,711.00	\$1.00	\$72,711.00	\$0.00

Total:	\$5,485,955.10	\$5,272,746.55	\$213,208.55
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April 12, 2021

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project is part of the Tier 1 Federal and Tier 3/4 State resurfacing program and involves 16.3 miles of pavement resurfacing on three sections in two towns in Highway Maintenance District 1.

Section ID	Town/City	Road	Proposed Work	Length
17101	Lincoln-Franconia	I-93 & Exit 34B & C	I-93 – 1-1/2” full width polymer modified HBP inlay (11.4 miles) Exit 34B & C Ramps – 2” full width polymer modified HBP inlay (1.9 miles)	13.3 miles
17101A	Franconia	Tramway Drive	2” full width polymer modified HBP inlay	0.1 miles
17101B	Lincoln	I-93	2’ wide x 2” deep curb line HBP inlays (5.8 miles of curb line)	2.9 miles

FEDERAL FUNDING: Pave-T2-Resurf (80%), Turnpike Toll Credit (20%) (Tramway Drive - Pave-T3/4-Resurf – 100% Betterment)

CONTINGENCY: The proposed contingency amount is 5% of the federal 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 2021-2022 winter.

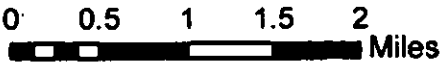
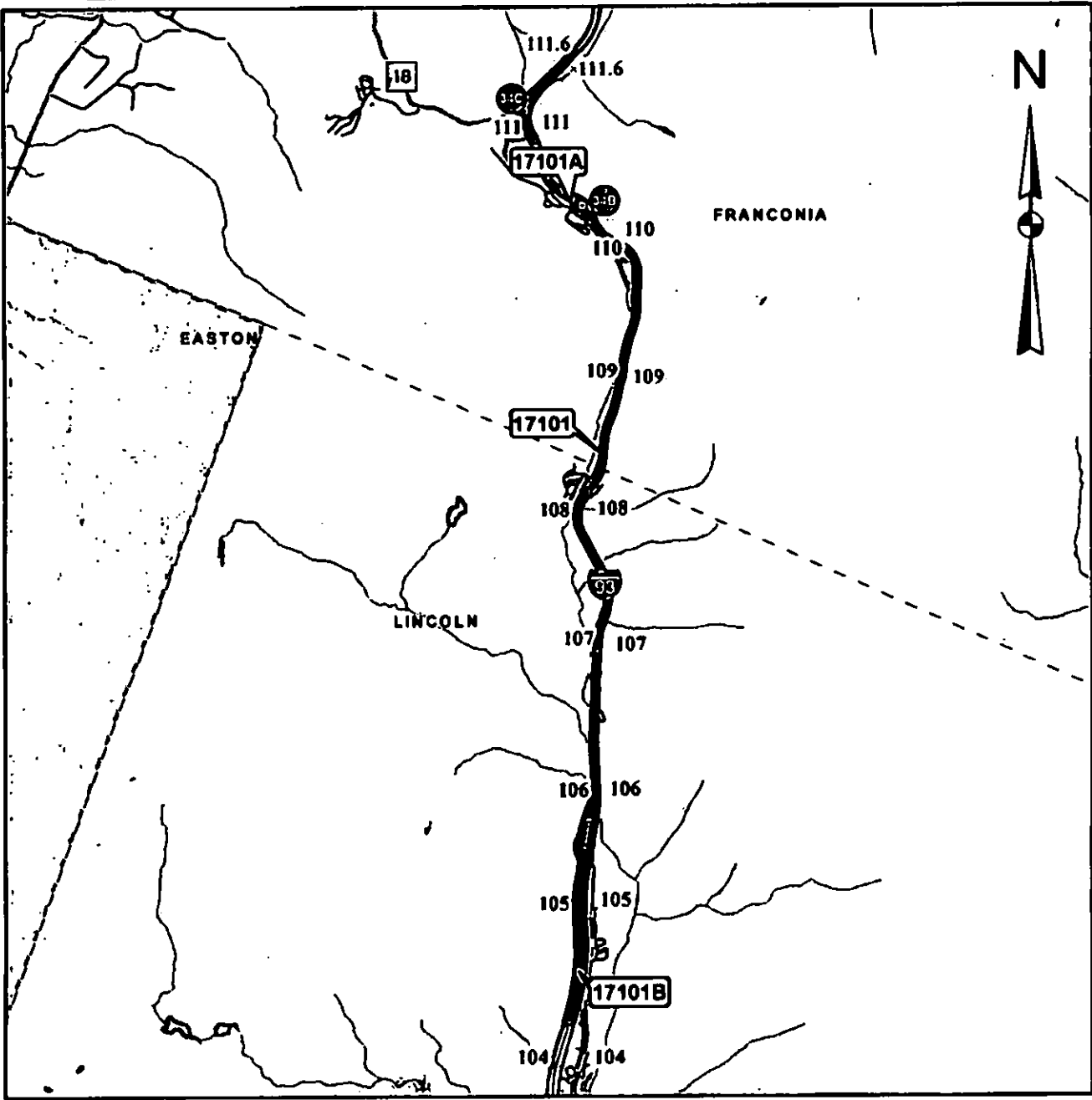
PROJECT INITIATED: This project was initiated through the State’s Ten-Year Transportation Improvement Program, Paving-Tier-1-Resurfacing.

PROJECT EXPLANATION: The purpose of this project is to extend the life of the existing pavement and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, drainage structure adjustments, and curb patch repair.

TRAFFIC IMPLICATION: All work on sections 17101 and 17101A shall be night work from Monday night through Thursday morning. Work on I-93 will require the closure of each barrel and use of alternating two-way traffic in the open barrel. Utilizing exits 34A, B, and C along with three temporary openings in the median guardrail will allow traffic to switch barrels. All traffic will be controlled by uniformed officers and flaggers utilizing temporary signals, a pilot vehicle, and courtesy tow vehicle. Section 17101B may be day work utilizing single lane closures.

FINAL COMPLETION DATE: September 16, 2022.

LINCOLN-FRANCONIA - 41052

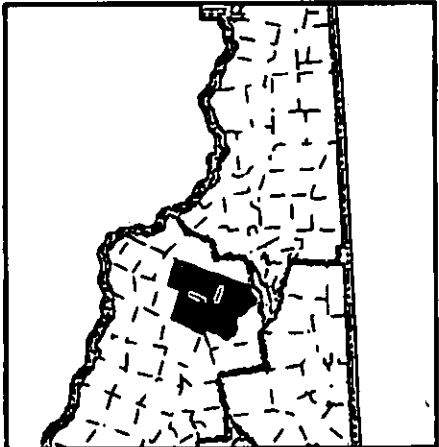


LEGEND

- 41052
- Interstates
- US Routes
- State Routes
- Unnumbered Routes
- Local Roads



State #: 41052
 Federal #: X-A004(544)
LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/3/2021

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 Liberty Mutual Insurance Co. National Insurance East 2000 Westwood Dr. Wausau, WI 54401	CONTACT NAME: Valerie Reece	
	PHONE (AC, Ho, Ext): 513-867-3822 FAX (AC, Ho): E-MAIL ADDRESS: Oldcastle.certs@LibertyMutual.com	
www.LibertyMutual.com	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Liberty Mutual Fire Insurance Company	23035
	INSURER B: Liberty Insurance Corporation	42404
	INSURER C:	
	INSURER D:	
	INSURER E:	

INSURED
Pike Industries, Inc. (020-BEL)
3 Eastgate Park Road
Belmont NH 03220

COVERAGES CERTIFICATE NUMBER: 62153676 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.

INSUR LTR	TYPE OF INSURANCE	ADDITIONAL INSURED	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Primary/Non-Contributory <input checked="" type="checkbox"/> Separation of Insured GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	TB2-C81-004095-110 XCU Coverage Included	9/1/2020	9/1/2021	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$50,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	<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	<input checked="" type="checkbox"/>	AS2-C81-004095-120 AS2-C81-054502-520 Physical Damage only: Comprehensive Ded \$10,000 Collision Ded \$10,000	9/1/2020	9/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	<input checked="" type="checkbox"/>	TL2-681-054523-920 (General Liability)	9/1/2020	9/1/2021	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000 Products/Completed Ops \$1,000,000
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/>	WA7-C80-004095-020 All except OH, ND, WA, WY WC7-C81-004095-010 WI, MN	9/1/2020	9/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 181, Additional Remarks Schedule, may be attached if more space is required)

RE: Lincoln-Franconia X-A004(544), 41052.
State of New Hampshire-DOT is listed as additional insured with regards to the general liability and automobile liability policies, on a primary and non-contributory basis, where required by written contract.

CERTIFICATE HOLDER CANCELLATION

State of New Hampshire-DOT P.O. 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 Valerie Reece
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**OWNERS AND CONTRACTORS PROTECTIVE
LIABILITY DECLARATIONS**



Issued by Liberty Mutual Fire Insurance Company

Policy Number	TF2-681-054867-951	Issuing Office	Pittsburgh, PA
Renewal of	New	Issue Date	06/04/2021
Account Number	8-036771	Sub Account	0000

Named Insured and Mailing Address	Franchise
State of New Hampshire - D.O.T.	
PO Box 483	
Concord, NH 03302	

Form of Business Other

Policy Period: The policy period is from 06/18/2021 to 06/18/2022 12:01 A.M..standard time at the Insured's mailing address.

Designated Contractor: Pike Industries, Inc.

Mailing Address: 3 Eastgate Park Road
Belmont, NH 03220

Location of Coverage Operations: Lincoln-Franconia X-A004(544) 41052

In return for the payment of the premium, and subject to all the terms of this policy, we agree with you to provide the insurance as stated in this policy.

LIMITS OF INSURANCE	
Each Occurrence Limit	\$ 1,000,000
Aggregate Limit	\$ 2,000,000

SCHEDULE

The declarations are completed on the accompanying "Declarations Extension Schedule(s)".

Owners and Contractors Protective Liability Coverage Part Premium	\$ 1,900
Endorsement Premium	\$
Total Estimated Premium	\$ 1,900
Other Charges(s)	\$

Policywriting Minimum Premium \$

Forms Applicable: See Attached Inventory

Producer 0002 008060
Marsh USA Inc
3560 Lenox Rd. NE Ste. 2400
Atlanta, GA 30326-4266

Producer

Countersigned By:

A handwritten signature in black ink, appearing to read "Paul A. Johnson".

Authorized Representative

Endorsement number 001 for policy number TF2-681-054687-951

Named Insured State of New Hampshire - D.O.T.

This endorsement is effective 06/18/2021 and will terminate with the policy. It is issued by the company designated in the Declaration. All other provisions of the policy remain unchanged.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Change Endorsement

Owners And Contractors-Protective Liability Declarations, Form LC 00 09 06 13, is amended as follows:

Limits of Insurance are changed to:

Each Occurrence Limit \$ 2,000,000
Aggregate Limit \$ 3,000,000

Formerly:

Each Occurrence Limit \$ 1,000,000
Aggregate Limit \$ 2,000,000