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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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William Cass, P.E.
Commissioner

Andre Briere
Deputy Commissioner

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

Bureau of Construction
December 13, 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 \$3,667,493.20 for pavement resurfacing on NH Rt. 125 in Plaistow, Lee and Barrington in District 6 (Project: Lee-Barrington/Plaistow 43056), from the date of Governor and Council approval through September 29, 2023, unless amended by the Department in accordance with the Standard Specifications. 100% Federal 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:

Funding is available as follows:	<u>FY 2023</u>	<u>FY 2024</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$2,767,290.28	\$900,202.92

2. Further authorize that a contingency in the amount of \$183,374.66 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 2024</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$183,374.66

EXPLANATION

This project is part of the State's Ten-Year Transportation Improvement Plan, under the Pave-Tier 2-Resurfacing Program. This project involves 5.3 miles of pavement resurfacing on two (2) sections of NH Route 125 in three (3) towns in Maintenance District 6.

- 21610 – Plaistow, NH 125, 2" Full Width Inlay, 1.2 Miles
- 22602 – Lee-Barrington, NH 125, 1.5" Full Width Overlay, 1 mile of 13' wide, 2" deep Single Lane Spot Inlays, 4.1 Miles

The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, upgrading guardrail, sign replacements, culvert replacement, and drainage structure adjustments.

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 3.34%, 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 tack coat). 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-Tier 2-Resurfacing and Guardrail Replacement (GRR)) 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 J. Cass, P.E.
Commissioner

VFS/pcj

Department Estimate: \$3,549,124.60
Contract Amount: \$3,667,493.20
Over Estimate: \$ 118,368.60
Attachments



ABC Bid Data

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

PROJECT: LEE-BARRINGTON/PLAISTOW
STATE PROJECT NUMBER: 43056
FED. PROJECT NUMBER: X-A005(023)
DATE BIDS OPEN: November 10, 2022,
SCOPE OF WORK: Pavement Preservation
COMPLETION DATE: September 29, 2023
LOCATION: Rockingham, District 6, Strafford

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

Amount: \$3,667,493.20

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	\$3,667,493.20	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$3,711,352.05	B

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01828		PKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	2,025.00	\$3.50	\$7,087.50	\$5.00	\$10,125.00	\$5.00	\$10,125.00
203.5581	EAGRT PLATFORM PREFERRED	U	7.00	\$16.50	\$115.50	\$2,500.00	\$17,500.00	\$1,500.00	\$10,500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	13.00	\$250.00	\$3,250.00	\$275.00	\$3,575.00	\$500.00	\$6,500.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	320.00	\$30.00	\$9,600.00	\$48.00	\$15,360.00	\$50.00	\$16,000.00
403.11823	HBP-3/4" BINDER MIX, MACHINE METHOD, POLYMER MODIFIED	TON	890.00	\$110.00	\$97,900.00	\$120.00	\$106,800.00	\$130.00	\$115,700.00
403.11841	HBP-1/2" SURFACE MIX, MACHINE METHOD, POLYMER MODIFIED, QC/QA TIER 1	TON	9,590.00	\$100.00	\$959,000.00	\$120.00	\$1,150,800.00	\$115.00	\$1,102,850.00
403.11842	HBP-1/2" SURFACE MIX, MACHINE METHOD, POLYMER MODIFIED, QC/QA TIER 2	TON	5,450.00	\$110.00	\$599,500.00	\$120.00	\$654,000.00	\$115.00	\$626,750.00
403.12	HBP-HAND METHOD	TON	350.00	\$170.00	\$59,500.00	\$180.00	\$63,000.00	\$225.00	\$78,750.00
403.16	PAVEMENT JOINT ADHESIVE	LF	114,510.00	\$0.35	\$40,078.50	\$0.35	\$40,078.50	\$0.32	\$36,643.20
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	15,040.00	\$3.00	\$45,120.00	\$3.50	\$52,640.00	\$4.00	\$60,160.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,385.00	\$4.00	\$33,540.00	\$7.00	\$58,695.00	\$5.00	\$41,925.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	57,380.00	\$3.00	\$172,140.00	\$2.75	\$157,795.00	\$2.95	\$169,271.00
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	3,640.00	\$3.50	\$12,740.00	\$5.00	\$18,200.00	\$2.00	\$7,280.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	35,300.00	\$0.50	\$17,650.00	\$0.40	\$14,120.00	\$0.35	\$12,355.00
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	23,950.00	\$0.60	\$14,370.00	\$0.40	\$9,580.00	\$0.40	\$9,580.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	59,250.00	\$2.75	\$162,937.50	\$2.30	\$136,275.00	\$2.60	\$154,050.00
603.0001	VIDEO INSPECTION	LF	220.00	\$10.00	\$2,200.00	\$7.00	\$1,540.00	\$7.00	\$1,540.00
603.00215	15" R.C. PIPE, 2000D	LF	220.00	\$100.00	\$22,000.00	\$140.00	\$30,800.00	\$120.00	\$26,400.00
604.0007	POLYETHYLENE LINER	EA	85.00	\$150.00	\$12,750.00	\$125.00	\$10,625.00	\$165.00	\$14,025.00
604.124.	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	3.00	\$3,300.00	\$9,900.00	\$6,000.00	\$18,000.00	\$4,850.00	\$14,550.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	64.00	\$500.00	\$32,000.00	\$450.00	\$28,800.00	\$700.00	\$44,800.00
604.72	GRATES & FRAMES, TYPE B	EA	16.00	\$700.00	\$11,200.00	\$850.00	\$13,600.00	\$850.00	\$13,600.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	150.00	\$20.00	\$3,000.00	\$16.50	\$2,475.00	\$15.00	\$2,250.00

ABC Bid Data

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		P&E INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	20.00	\$120.00	\$2,400.00	\$130.00	\$2,600.00	\$125.00	\$2,500.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	20.00	\$22.00	\$440.00	\$27.00	\$540.00	\$25.00	\$500.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	5.00	\$4,100.00	\$20,500.00	\$4,500.00	\$22,500.00	\$4,050.00	\$20,250.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	2.00	\$4,100.00	\$8,200.00	\$4,500.00	\$9,000.00	\$4,050.00	\$8,100.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,400.00	\$1,400.00
606.18001	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	1,725.00	\$33.00	\$56,925.00	\$38.00	\$65,550.00	\$36.00	\$62,100.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	100.00	\$12.00	\$1,200.00	\$6.00	\$600.00	\$5.00	\$500.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	405.00	\$9.60	\$3,888.00	\$12.00	\$4,860.00	\$13.00	\$5,265.00
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	45.50	\$200.00	\$9,100.00	\$400.00	\$18,200.00	\$375.00	\$17,062.50
615.023	REMOVING TRAFFIC SIGN TYPE B	U	4.00	\$160.00	\$640.00	\$225.00	\$900.00	\$200.00	\$800.00
615.0301	TRAFFIC SIGN TYPE C	SF	188.50	\$85.00	\$16,022.50	\$80.00	\$15,080.00	\$75.00	\$14,137.50
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	23.00	\$75.00	\$1,725.00	\$105.00	\$2,415.00	\$100.00	\$2,300.00
615.0601	TRAFFIC SIGN TYPE CC	SF	53.52	\$25.00	\$1,338.00	\$35.00	\$1,873.20	\$30.00	\$1,605.60
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	14.00	\$700.00	\$9,800.00	\$600.00	\$8,400.00	\$540.00	\$7,560.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	43.00	\$1,500.00	\$64,500.00	\$1,000.00	\$43,000.00	\$1,000.00	\$43,000.00
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$3,800.00	\$3,800.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	92,000.00	\$1.00	\$92,000.00	\$1.00	\$92,000.00	\$1.00	\$92,000.00
618.7	FLAGGERS	HR	2,780.00	\$45.00	\$125,100.00	\$50.00	\$139,000.00	\$52.00	\$144,560.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00	\$135,000.00	\$135,000.00	\$150,000.00	\$150,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,000.00	\$20,000.00	\$3,500.00	\$14,000.00	\$3,000.00	\$12,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	70.00	\$7.00	\$490.00	\$6.50	\$455.00	\$8.00	\$560.00
621.31	SINGLE DELINEATOR WITH POST	EA	5.00	\$70.00	\$350.00	\$65.00	\$325.00	\$55.00	\$275.00
621.32	DOUBLE DELINEATOR WITH POST	EA	5.00	\$75.00	\$375.00	\$70.00	\$350.00	\$60.00	\$300.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	317,100.00	\$0.22	\$69,762.00	\$0.19	\$60,249.00	\$0.19	\$60,249.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	6,190.00	\$2.00	\$12,380.00	\$1.00	\$6,190.00	\$1.50	\$9,285.00

ABC Bid Data

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

Item No.	Description	Unit	Quantity	PS&E		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01629		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	680.00	\$4.50	\$3,060.00	\$5.00	\$3,400.00	\$8.00	\$5,440.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	6,545.00	\$2.00	\$13,090.00	\$1.50	\$9,817.50	\$1.55	\$10,144.75
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	320.00	\$5.00	\$1,600.00	\$4.00	\$1,280.00	\$3.10	\$992.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	680.00	\$7.00	\$4,760.00	\$5.00	\$3,400.00	\$4.20	\$2,856.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,665.00	\$10.00	\$16,650.00	\$8.00	\$13,320.00	\$8.40	\$13,986.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	4,040.00	\$2.30	\$9,292.00	\$1.00	\$4,040.00	\$1.05	\$4,242.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	560.00	\$4.60	\$2,576.00	\$2.00	\$1,120.00	\$3.25	\$1,820.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	880.00	\$10.00	\$8,800.00	\$3.00	\$2,640.00	\$3.25	\$2,860.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	480.00	\$7.17	\$3,441.60	\$7.50	\$3,600.00	\$8.00	\$3,840.00
645.531	SILT FENCE	LF	480.00	\$3.81	\$1,828.80	\$6.00	\$2,880.00	\$3.00	\$1,440.00
645.611	BONDED FIBER MATRIX (BFM)	LB	205.00	\$11.28	\$2,312.40	\$5.00	\$1,025.00	\$3.50	\$717.50
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	.20	\$20,000.00	\$4,000.00	\$20,000.00	\$4,000.00	\$6,500.00	\$1,300.00
692.	MOBILIZATION	U	1.00	\$225,999.30	\$225,999.30	\$150,000.00	\$150,000.00	\$215,000.00	\$215,000.00
698.12	FIELD OFFICE TYPE B	MON	10.00	\$2,100.00	\$21,000.00	\$2,500.00	\$25,000.00	\$3,300.00	\$33,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
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	\$	78,000.00	\$1.00	\$78,000.00	\$1.00	\$78,000.00	\$1.00	\$78,000.00
Totals:					\$3,549,124.60		\$3,667,493.20		\$3,711,352.05
Alt. Totals:									
Totals:					\$3,549,124.60		\$3,667,493.20		\$3,711,352.05

PS&E Comparison

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

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	2,025.00	\$5.00	\$10,125.00	\$3.50	\$7,087.50	\$3,037.50
203.5561	EAGRT PLATFORM PREFERRED	U	7.00	\$2,500.00	\$17,500.00	\$16.50	\$115.50	\$17,384.50
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	13.00	\$275.00	\$3,575.00	\$250.00	\$3,250.00	\$325.00
304.32	CRUSHED GRAVEL FOR SHOULDER. LEVELING	TON	320.00	\$48.00	\$15,360.00	\$30.00	\$9,600.00	\$5,760.00
403.11823	HBP-3/4" BINDER MIX, MACHINE METHOD, POLYMER MODIFIED	TON	890.00	\$120.00	\$106,800.00	\$110.00	\$97,900.00	\$8,900.00
403.11841	HBP-1/2" SURFACE MIX, MACHINE METHOD, POLYMER MODIFIED, QC/QA TIER 1	TON	9,590.00	\$120.00	\$1,150,800.00	\$100.00	\$959,000.00	\$191,800.00
403.11842	HBP-1/2" SURFACE MIX, MACHINE METHOD, POLYMER MODIFIED, QC/QA TIER 2	TON	5,450.00	\$120.00	\$654,000.00	\$110.00	\$599,500.00	\$54,500.00
403.12	HBP-HAND METHOD	TON	350.00	\$180.00	\$63,000.00	\$170.00	\$59,500.00	\$3,500.00
403.16	PAVEMENT JOINT ADHESIVE	LF	114,510.00	\$0.35	\$40,078.50	\$0.35	\$40,078.50	\$0.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	15,040.00	\$3.50	\$52,640.00	\$3.00	\$45,120.00	\$7,520.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,385.00	\$7.00	\$58,695.00	\$4.00	\$33,540.00	\$25,155.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	57,380.00	\$2.75	\$157,795.00	\$3.00	\$172,140.00	(\$14,345.00)
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	3,640.00	\$5.00	\$18,200.00	\$3.50	\$12,740.00	\$5,460.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	35,300.00	\$0.40	\$14,120.00	\$0.50	\$17,650.00	(\$3,530.00)

PS&E Comparison

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	23,950.00	\$0.40	\$9,580.00	\$0.60	\$14,370.00	(\$4,790.00)
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	59,250.00	\$2.30	\$136,275.00	\$2.75	\$162,937.50	(\$26,662.50)
603.0001	VIDEO INSPECTION	LF	220.00	\$7.00	\$1,540.00	\$10.00	\$2,200.00	(\$660.00)
603.00215	15" R.C. PIPE, 2000D	LF	220.00	\$140.00	\$30,800.00	\$100.00	\$22,000.00	\$8,800.00
604.0007	POLYETHYLENE LINER	EA	85.00	\$125.00	\$10,625.00	\$150.00	\$12,750.00	(\$2,125.00)
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	3.00	\$6,000.00	\$18,000.00	\$3,300.00	\$9,900.00	\$8,100.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	64.00	\$450.00	\$28,800.00	\$500.00	\$32,000.00	(\$3,200.00)
604.72	GRATES & FRAMES, TYPE B	EA	16.00	\$850.00	\$13,600.00	\$700.00	\$11,200.00	\$2,400.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	150.00	\$16.50	\$2,475.00	\$20.00	\$3,000.00	(\$525.00)
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	20.00	\$130.00	\$2,600.00	\$120.00	\$2,400.00	\$200.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	20.00	\$27.00	\$540.00	\$22.00	\$440.00	\$100.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	5.00	\$4,500.00	\$22,500.00	\$4,100.00	\$20,500.00	\$2,000.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	2.00	\$4,500.00	\$9,000.00	\$4,100.00	\$8,200.00	\$800.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,000.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,725.00	\$38.00	\$65,550.00	\$33.00	\$56,925.00	\$8,625.00

PS&E Comparison

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	100.00	\$6.00	\$600.00	\$12.00	\$1,200.00	(\$600.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	405.00	\$12.00	\$4,860.00	\$9.60	\$3,888.00	\$972.00
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	45.50	\$400.00	\$18,200.00	\$200.00	\$9,100.00	\$9,100.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	4.00	\$225.00	\$900.00	\$160.00	\$640.00	\$260.00
615.0301	TRAFFIC SIGN TYPE C	SF	188.50	\$80.00	\$15,080.00	\$85.00	\$16,022.50	(\$942.50)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	23.00	\$105.00	\$2,415.00	\$75.00	\$1,725.00	\$690.00
615.0601	TRAFFIC SIGN TYPE CC	SF	53.52	\$35.00	\$1,873.20	\$25.00	\$1,338.00	\$535.20
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	14.00	\$600.00	\$8,400.00	\$700.00	\$9,800.00	(\$1,400.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	43.00	\$1,000.00	\$43,000.00	\$1,500.00	\$64,500.00	(\$21,500.00)
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$4,000.00	\$4,000.00	\$6,500.00	\$6,500.00	(\$2,500.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	92,000.00	\$1.00	\$92,000.00	\$1.00	\$92,000.00	\$0.00
618.7	FLAGGERS	HR	2,780.00	\$50.00	\$139,000.00	\$45.00	\$125,100.00	\$13,900.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$135,000.00	\$135,000.00	\$200,000.00	\$200,000.00	(\$65,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,500.00	\$14,000.00	\$5,000.00	\$20,000.00	(\$6,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$0.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	70.00	\$6.50	\$455.00	\$7.00	\$490.00	(\$35.00)
621.31	SINGLE DELINEATOR WITH POST	EA	5.00	\$65.00	\$325.00	\$70.00	\$350.00	(\$25.00)

PS&E Comparison

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
621.32	DOUBLE DELINEATOR WITH POST	EA	5.00	\$70.00	\$350.00	\$75.00	\$375.00	(\$25.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	317,100.00	\$0.19	\$60,249.00	\$0.22	\$69,762.00	(\$9,513.00)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 4" LINE	LF	6,190.00	\$1.00	\$6,190.00	\$2.00	\$12,380.00	(\$6,190.00)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 18" LINE	LF	680.00	\$5.00	\$3,400.00	\$4.50	\$3,060.00	\$340.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	6,545.00	\$1.50	\$9,817.50	\$2.00	\$13,090.00	(\$3,272.50)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	320.00	\$4.00	\$1,280.00	\$5.00	\$1,600.00	(\$320.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	680.00	\$5.00	\$3,400.00	\$7.00	\$4,760.00	(\$1,360.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,665.00	\$8.00	\$13,320.00	\$10.00	\$16,650.00	(\$3,330.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	4,040.00	\$1.00	\$4,040.00	\$2.30	\$9,292.00	(\$5,252.00)
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	560.00	\$2.00	\$1,120.00	\$4.60	\$2,576.00	(\$1,456.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	880.00	\$3.00	\$2,640.00	\$10.00	\$8,800.00	(\$6,160.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	480.00	\$7.50	\$3,600.00	\$7.17	\$3,441.60	\$158.40
645.531	SILT FENCE	LF	480.00	\$6.00	\$2,880.00	\$3.81	\$1,828.80	\$1,051.20
645.611	BONDED FIBER MATRIX (BFM)	LB	205.00	\$5.00	\$1,025.00	\$11.28	\$2,312.40	(\$1,287.40)
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	.20	\$20,000.00	\$4,000.00	\$20,000.00	\$4,000.00	\$0.00

PS&E Comparison

LEE-BARRINGTON/PLAISTOW

43056

X-A005(023)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
692.	MOBILIZATION	U	1.00	\$150,000.00	\$150,000.00	\$225,999.30	\$225,999.30	(\$75,999.30)
698.12	FIELD OFFICE TYPE B	MON	10.00	\$2,500.00	\$25,000.00	\$2,100.00	\$21,000.00	\$4,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$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	\$	78,000.00	\$1.00	\$78,000.00	\$1.00	\$78,000.00	\$0.00
Total:					\$3,667,493.20		\$3,549,124.60	\$118,368.60

October 18, 2022

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project is part of the Tier 2 Federal Resurfacing program and involves 5.3 miles of pavement resurfacing on two (2) sections of NH Route 125 in three (3) towns in Maintenance District 6.

21610	Plaistow, NH 125, 2" Full Width Inlay, 1.2 Miles
22602	Lee-Barrington, NH 125, 1.5" Full Width Overlay, 1 mile of 13' wide, 2" deep Single Lane Spot Inlays, 4.1 Miles

FEDERAL FUNDING: 80% (Pave-Tier 2-Resurfacing & Guardrail Replacement (GRR)), 20% Turnpike Toll Credit

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 State's Ten-Year Transportation Improvement Program, Paving-Tier-2-Resurfacing. The Pavement Management Section identified one (1) section for Minor Rehab totaling 1.2 miles and one (1) section for Preservation totaling 4.1 miles.

PROJECT EXPLANATION: The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, upgrading guardrail, sign replacements, culvert replacement, and drainage structure adjustments.

TRAFFIC IMPLICATION: Only one section will be paved at a time. Traffic impacts are anticipated to be limited to temporary lane closures, utilizing one lane, alternating two-way traffic during work hours. Both sections are expected to be night work when requiring a lane closure.

FINAL COMPLETION DATE: September 29, 2023.

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 "David M. Scanlan", is written over a faint circular outline.

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: 11/22/2022

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).

PRODUCER THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Jennifer Letendre	
	PHONE (A/C No. Ext): (603) 224-2562	FAX (A/C No.): (603) 224-8012
E-MAIL ADDRESS: jletendre@rowleyagency.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Union Insurance Company		25844
INSURER B: Acadia Insurance Company		31325
INSURER C: Firemen's Insurance Co. of Washington		21784
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.

INBR LTR	TYPE OF INSURANCE	ADOL (INSR)	SUBR (WVD)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			CPA0175495-28	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 - COMPOP AGG \$ 4,000,000
B	AUTOMOBILE LIABILITY <input checked="" 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			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"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$ 0			CJA455473-12	10/1/2022	10/1/2023	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
C	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	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 - 9/29/2023. NH DOT Lee-Barrington/Plaislow, Contract# 43056. The State of NH is an additional insured with respects to general liability, auto and umbrella policies when required by written contract.

CERTIFICATE HOLDER State of NH DOT 7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Jennifer Letendre/JLP <i>Jenny Letendre</i>
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