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THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan Commissioner

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 April 15, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Pike Industries, Inc. (Vendor 177300) of Belmont, NH, on the basis of a low bid of \$2,648,373.38 for pavement preservation of three Tier 2 roadway segments in the eastern portion of the state totaling approximately 8 miles, from the date of Governor and Council approval through September 27, 2019, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020 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 2019, FY 2020. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments, \$648,373.38, \$2,000,000.00

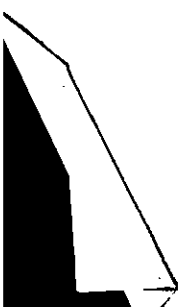
2. Further authorize that a contingency in the amount of \$132,418.67 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Table with 3 columns: Funding description, FY 2019, FY 2020. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments, \$132,418.67

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, Paving-Tier 2-Resurfacing. This project consists of pavement preservation involving bonded wearing course treatment (BWC) along three Tier 2 roadway segments in the eastern portion of the state totaling 7.5 miles, including:

- Atkinson-Hampstead, NH 111, 3/4" full width BWC, crack filling, and intersection inlays, 4.9 miles;
Greenland, NH 33, 3/4" full width BWC, crack filling, and intersection inlays, 0.9 miles; and



- Greenland-Portsmouth, NH 33, ¾" full width BWC, crack filling, and intersection and RR inlays, 1.7 miles.

Incidental work includes inlays on several bridges, asphaltic bridge joint replacement and crack control plug joint repair on several bridges, and upgrading curb ramps to ADA standards.

The purpose of this project is to extend the life of the existing pavement infrastructure and eliminate the need for more costly improvements in the near-term.

The proposed contingency amount is 5% of the contract amount. This project has limited survey; and therefore, items have been quantified based on field observations, aerial photos, and as-built plans and field adjustments may be required due to varying field conditions.

Although the bid costs exceeded the Department's estimate by 3.75%, the low bid of 3 bids received is felt to be reasonable for the work involved. 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.

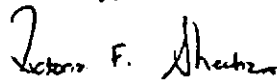
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 funds (Paving-Tier 2-Resurfacing) utilizing Turnpike Toll Credits as the State's 20% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate:	\$2,552,640.05
Contract Amount:	<u>\$2,648,373.38</u>
Over Estimate:	\$ 95,733.33
Attachments	

March 1, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of pavement preservation of three Tier 2 roadway segments in the eastern portion of the state totaling 7.5 miles, including:

Section ID	Town/City	Road	Proposed Work	Length
19602	Atkinson-Hampstead	NH 111	¾" full width BWC, crack filling, and intersection inlays	4.9 miles
19605	Greenland	NH 33	¾" full width BWC, crack filling, and intersection inlays	0.9 miles
19606	Greenland-Portsmouth	NH 33	¾" full width BWC, crack filling, and intersection and RR inlays	1.7 miles

Incidental work includes inlays on several bridges, asphaltic bridge joint replacement and crack control plug joint repair on several bridges, and upgrading curb ramps to ADA standards.

FEDERAL FUNDING: 80% (Paving-Tier 2-Resurfacing) with 20% Turnpike Toll credits match

CONTINGENCY: The Contingency amount is 5%. This project has limited survey and therefore items have been quantified based on field observations, aerial photos, and as-built plans and field adjustments may be required due to varying field conditions. Also, asphalt prices are currently in escalation.

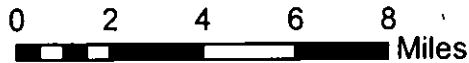
PROJECT INITIATED: State's Ten-Year Transportation Improvement Program, Paving-Tier 2-Resurfacing

PROJECT EXPLANATION: The purpose of this project is to extend the life of the existing pavement infrastructure and eliminate the need for more costly improvements in the short-term future.

TRAFFIC IMPLICATIONS: Daytime lane and shoulder closures will be implemented for the 19602 (Atkinson-Hampstead) segment. Nighttime work will be required for the 19605 (Greenland) and 19606 (Greenland-Portsmouth) sections.

COMPLETION DATE: September 27, 2019

Statewide - 42246



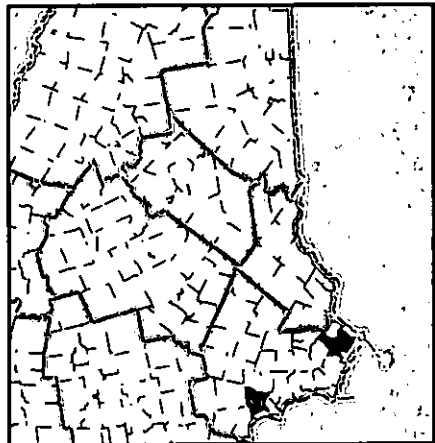
LEGEND

- 42246
- Turnpikes
- Interstates
- US Routes
- State Routes
- Unnumbered Routes
- Urban Compacts

New Hampshire
DOT
 Department of Transportation

State #: 42246
Federal #: X-A004(830)

LOCATION MAP





ABC Bid Data

STATEWIDE BWC (E)
42246
X-A004(830)

PROJECT:	STATEWIDE BWC (E)	Awarded To:	PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220
STATE PROJECT NUMBER:	42246	Amount:	\$2,648,373.38
FED. PROJECT NUMBER:	X-A004(830)	Award Date:	
DATE BIDS OPEN:	April 11, 2019, 2:00	Certified by:	<u>PETER E. STAMNAS</u> <small>Director of Project Development</small>
SCOPE OF WORK:	Statewide Bonded Wearing Course (East)		
COMPLETION DATE:	September 27, 2019		
LOCATION:			

Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$2,648,373.38	A
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$2,934,260.41	B
GORMAN GROUP LLC, THE 200 CHURCH STREET, ALBANY NY 12202	\$3,198,402.30	C

Item No.	Description	Unit	Quantity	P&E		PRICE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03228		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.843	REMOVAL OF LIGHT POLE	U	16.00	\$990.00	\$15,840.00	\$1,600.00	\$25,600.00	\$1,454.37	\$23,269.92
206.1	COMMON STRUCTURE EXCAVATION	CY	5.00	\$23.09	\$115.45	\$500.00	\$2,500.00	\$559.37	\$2,796.85
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	483.70	\$24.20	\$11,705.54	\$36.00	\$17,413.20	\$61.54	\$29,766.90
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	2,828.00	\$86.10	\$243,490.80	\$88.00	\$248,864.00	\$110.00	\$311,080.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,264.00	\$80.24	\$101,423.36	\$90.00	\$113,760.00	\$110.00	\$139,040.00
403.129	HOT BITUMINOUS PAVEMENT HAND METHOD, HIGH STRENGTH	TON	7.00	\$200.00	\$1,400.00	\$500.00	\$3,500.00	\$250.00	\$1,750.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	8,984.00	\$2.13	\$19,135.92	\$3.85	\$34,568.40	\$5.06	\$45,459.04
403.6	PAVEMENT JOINT ADHESIVE	LF	29,014.00	\$0.30	\$8,704.20	\$0.23	\$6,673.22	\$0.44	\$12,766.16
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,093.00	\$3.30	\$10,206.90	\$4.50	\$13,918.50	\$5.90	\$18,248.70
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	58,274.00	\$2.00	\$116,548.00	\$1.90	\$110,720.60	\$2.13	\$124,123.62
417.	COLD PLANING BITUMINOUS SURFACES	SY	51,528.00	\$2.50	\$128,820.00	\$2.45	\$126,243.60	\$3.70	\$190,653.60
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	4,432.00	\$1.13	\$5,008.16	\$7.00	\$31,024.00	\$1.85	\$8,199.20
417.412	RUMBLE STRIPS, 12" WIDE	LF	14,685.00	\$0.75	\$11,013.75	\$0.75	\$11,013.75	\$0.90	\$13,216.50
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	21,189.00	\$2.00	\$42,378.00	\$0.70	\$14,832.30	\$0.76	\$16,103.64
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	34,828.00	\$1.50	\$52,242.00	\$2.00	\$69,656.00	\$2.97	\$103,439.16
419.13	BONDED WEARING COURSE, TYPE C	TON	7,720.00	\$135.30	\$1,044,516.00	\$130.00	\$1,003,600.00	\$130.00	\$1,003,600.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	104.00	\$121.00	\$12,584.00	\$91.00	\$9,464.00	\$101.81	\$10,588.24
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	165.00	\$119.00	\$19,635.00	\$131.00	\$21,615.00	\$146.56	\$24,182.40
608.2401	4" CONCRETE SIDEWALK	SY	5.00	\$53.00	\$265.00	\$100.00	\$500.00	\$167.81	\$839.05
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	1.60	\$422.50	\$760.50	\$500.00	\$900.00	\$559.37	\$1,006.87
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	11.00	\$580.50	\$6,385.50	\$600.00	\$6,600.00	\$671.25	\$7,383.75
616.630	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 30 FT	EA	1.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$1,118.75	\$1,118.75
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	45.00	\$890.00	\$40,050.00	\$1,400.00	\$63,000.00	\$1,566.24	\$70,480.80
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	51,000.00	\$1.00	\$51,000.00	\$1.00	\$51,000.00	\$1.00	\$51,000.00
618.7	FLAGGERS	HR	2,600.00	\$32.40	\$84,240.00	\$35.00	\$91,000.00	\$40.83	\$106,158.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00	\$125,000.00	\$125,000.00	\$155,000.00	\$155,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,300.00	\$6,600.00	\$1,800.00	\$3,600.00	\$4,474.99	\$8,949.98
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$264.95	\$1,059.80	\$150.00	\$600.00	\$223.75	\$895.00
628.1	SAWED CONCRETE PAVEMENT	LF	21.00	\$3.90	\$81.90	\$26.00	\$546.00	\$22.37	\$469.77

Item No.	Description	Unit	Quantity	P&E		PICE INDUSTRIES, INC. 3 EASTDALE PARK ROAD BELMONT, NH 03228		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01828	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	450,698.00	\$0.15	\$67,604.70	\$0.14	\$63,097.72	\$0.15	\$72,111.68
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	71,402.00	\$0.11	\$7,854.22	\$0.12	\$8,568.24	\$0.16	\$11,424.32
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,133.00	\$1.50	\$31,699.50	\$0.80	\$16,906.40	\$0.69	\$14,581.77
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	1,722.00	\$5.25	\$9,040.50	\$3.60	\$6,199.20	\$3.09	\$5,320.98
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	10,435.00	\$1.00	\$10,435.00	\$1.00	\$10,435.00	\$1.12	\$11,687.20
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	130.00	\$1.33	\$172.90	\$1.75	\$227.50	\$1.96	\$254.60
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	539.00	\$2.10	\$1,131.90	\$2.00	\$1,078.00	\$2.24	\$1,207.36
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	1,722.00	\$4.70	\$8,093.40	\$5.00	\$8,610.00	\$5.59	\$9,625.98
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	207.00	\$6.70	\$1,386.90	\$6.00	\$1,242.00	\$6.71	\$1,388.97
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	2,936.00	\$8.25	\$24,222.00	\$9.00	\$26,424.00	\$10.07	\$29,565.52
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	158,475.00	\$0.37	\$58,635.75	\$0.35	\$55,466.25	\$0.39	\$61,805.25
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	562.00	\$1.50	\$843.00	\$1.00	\$562.00	\$1.12	\$629.44
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	2,889.00	\$1.65	\$4,831.85	\$1.50	\$4,483.50	\$1.68	\$5,021.52
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	32.00	\$2.60	\$83.20	\$80.00	\$2,560.00	\$100.00	\$3,200.00
692.	MOBILIZATION	U	1.00	\$120,514.45	\$120,514.45	\$182,000.00	\$182,000.00	\$155,000.00	\$155,000.00
698.13	FIELD OFFICE TYPE C	MON	6.00	\$1,700.00	\$10,200.00	\$2,000.00	\$12,000.00	\$1,678.12	\$10,068.72
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00	\$1.00	\$600.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,081.00	\$1.00	\$5,081.00	\$1.00	\$5,081.00	\$1.00	\$5,081.00
Totals:					\$2,552,640.05		\$2,648,373.38		\$2,934,260.41
Alt. Totals:									
Totals:					\$2,552,640.05		\$2,648,373.38		\$2,934,260.41

Item No.	Description	Unit	Quantity	P&E		GORMAN GROUP LLC, THE 288 CHURCH STREET ALBANY, NY 12202		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.843	REMOVAL OF LIGHT POLE	U	16.00	\$990.00	\$15,840.00	\$1,740.00	\$27,840.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	5.00	\$23.09	\$115.45	\$413.00	\$2,065.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	483.70	\$24.20	\$11,705.54	\$65.00	\$31,440.50		
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	2,828.00	\$86.10	\$243,490.80	\$97.70	\$276,295.60		
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,264.00	\$80.24	\$101,423.36	\$98.80	\$124,883.20		
403.129	HOT BITUMINOUS PAVEMENT HAND METHOD, HIGH STRENGTH	TON	7.00	\$200.00	\$1,400.00	\$215.00	\$1,505.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	8,984.00	\$2.13	\$19,135.92	\$3.25	\$29,198.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	29,014.00	\$0.30	\$8,704.20	\$0.50	\$14,507.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,093.00	\$3.30	\$10,206.90	\$4.16	\$12,868.88		
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	58,274.00	\$2.00	\$116,548.00	\$1.92	\$111,886.08		
417.	COLD PLANING BITUMINOUS SURFACES	SY	51,528.00	\$2.50	\$128,820.00	\$3.05	\$157,160.40		
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	4,432.00	\$1.13	\$5,008.16	\$3.75	\$16,620.00		
417.412	RUMBLE STRIPS, 12" WIDE	LF	14,685.00	\$0.75	\$11,013.75	\$0.66	\$9,692.10		
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	21,189.00	\$2.00	\$42,378.00	\$0.68	\$14,408.52		
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	34,828.00	\$1.50	\$52,242.00	\$3.80	\$132,348.40		
419.13	BONDED WEARING COURSE, TYPE C	TON	7,720.00	\$135.30	\$1,044,516.00	\$138.75	\$1,071,150.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	104.00	\$121.00	\$12,584.00	\$99.50	\$10,348.00		
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	165.00	\$119.00	\$19,635.00	\$144.75	\$23,883.75		
608.2401	4" CONCRETE SIDEWALK	SY	5.00	\$53.00	\$265.00	\$650.00	\$3,250.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	1.80	\$422.50	\$760.50	\$1,350.00	\$2,430.00		
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	11.00	\$580.50	\$6,385.50	\$1,100.00	\$12,100.00		
616.630	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 30 FT	EA	1.00	\$800.00	\$800.00	\$1,556.00	\$1,556.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	45.00	\$890.00	\$40,050.00	\$1,450.00	\$65,250.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	51,000.00	\$1.00	\$51,000.00	\$1.00	\$51,000.00		
618.7	FLAGGERS	HR	2,600.00	\$32.40	\$84,240.00	\$48.80	\$121,680.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00	\$325,000.00	\$325,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,300.00	\$6,600.00	\$3,500.00	\$7,000.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$264.95	\$1,059.80	\$350.00	\$1,400.00		
628.1	SAWED CONCRETE PAVEMENT	LF	21.00	\$3.90	\$81.90	\$52.00	\$1,092.00		

Item No.	Description	Unit	Quantity	P&E		GORMAN GROUP LLC, THE 206 CHURCH STREET ALBANY, NY 12202		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	450,698.00	\$0.15	\$67,604.70	\$0.14	\$63,097.72		
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	71,402.00	\$0.11	\$7,854.22	\$0.12	\$8,568.24		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,133.00	\$1.50	\$31,699.50	\$2.02	\$42,688.66		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	1,722.00	\$5.25	\$9,040.50	\$5.41	\$9,318.02		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	10,435.00	\$1.00	\$10,435.00	\$1.04	\$10,852.40		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	130.00	\$1.33	\$172.90	\$1.82	\$236.60		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	539.00	\$2.10	\$1,131.90	\$2.08	\$1,121.12		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	1,722.00	\$4.70	\$8,093.40	\$5.20	\$8,954.40		
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	207.00	\$6.70	\$1,386.90	\$6.24	\$1,291.68		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	2,936.00	\$8.25	\$24,222.00	\$9.36	\$27,480.96		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	158,475.00	\$0.37	\$58,635.75	\$0.37	\$58,635.75		
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	562.00	\$1.50	\$843.00	\$1.04	\$584.48		
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	2,989.00	\$1.65	\$4,931.85	\$1.56	\$4,662.84		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	32.00	\$2.60	\$83.20	\$109.00	\$3,488.00		
692.	MOBILIZATION	U	1.00	\$120,514.45	\$120,514.45	\$231,788.00	\$231,788.00		
698.13	FIELD OFFICE TYPE C	MON	6.00	\$1,700.00	\$10,200.00	\$1,000.00	\$6,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,081.00	\$1.00	\$5,081.00	\$1.00	\$5,081.00		
Totals:					\$2,552,640.05		\$3,198,402.30		
Alt. Totals:									
Totals:					\$2,552,640.05		\$3,198,402.30		



PS&E Comparison

STATEWIDE BWC (E)

42246

X-A004(830)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.843	REMOVAL OF LIGHT POLE	U	16.00	\$1,600.00	\$25,600.00	\$990.00	\$15,840.00	\$9,760.00
206.1	COMMON STRUCTURE EXCAVATION	CY	5.00	\$500.00	\$2,500.00	\$23.09	\$115.45	\$2,384.55
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	483.70	\$36.00	\$17,413.20	\$24.20	\$11,705.54	\$5,707.66
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	2,828.00	\$88.00	\$248,864.00	\$86.10	\$243,490.80	\$5,373.20
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,264.00	\$90.00	\$113,760.00	\$80.24	\$101,423.36	\$12,336.64
403.129	HOT BITUMINOUS PAVEMENT HAND METHOD, HIGH STRENGTH	TON	7.00	\$500.00	\$3,500.00	\$200.00	\$1,400.00	\$2,100.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	8,984.00	\$3.85	\$34,588.40	\$2.13	\$19,135.92	\$15,452.48
403.6	PAVEMENT JOINT ADHESIVE	LF	29,014.00	\$0.23	\$6,673.22	\$0.30	\$8,704.20	(\$2,030.98)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,093.00	\$4.50	\$13,918.50	\$3.30	\$10,206.90	\$3,711.60
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	58,274.00	\$1.90	\$110,720.60	\$2.00	\$116,548.00	(\$5,827.40)
417.	COLD PLANING BITUMINOUS SURFACES	SY	51,528.00	\$2.45	\$126,243.60	\$2.50	\$128,820.00	(\$2,576.40)
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	4,432.00	\$7.00	\$31,024.00	\$1.13	\$5,008.16	\$26,015.84
417.412	RUMBLE STRIPS, 12" WIDE	LF	14,685.00	\$0.75	\$11,013.75	\$0.75	\$11,013.75	\$0.00
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	21,189.00	\$0.70	\$14,832.30	\$2.00	\$42,378.00	(\$27,545.70)

417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	34,828.00	\$2.00	\$69,656.00	\$1.50	\$52,242.00	\$17,414.00
419.13	BONDED WEARING COURSE, TYPE C	TON	7,720.00	\$130.00	\$1,003,600.00	\$135.30	\$1,044,516.00	(\$40,916.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	104.00	\$91.00	\$9,464.00	\$121.00	\$12,584.00	(\$3,120.00)
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	165.00	\$131.00	\$21,615.00	\$119.00	\$19,635.00	\$1,980.00
608.2401	4" CONCRETE SIDEWALK	SY	5.00	\$100.00	\$500.00	\$53.00	\$265.00	\$235.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	1.80	\$500.00	\$900.00	\$422.50	\$760.50	\$139.50
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	11.00	\$600.00	\$6,600.00	\$580.50	\$6,385.50	\$214.50
616.630	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 30 FT	EA	1.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$200.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	45.00	\$1,400.00	\$63,000.00	\$890.00	\$40,050.00	\$22,950.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	51,000.00	\$1.00	\$51,000.00	\$1.00	\$51,000.00	\$0.00
618.7	FLAGGERS	HR	2,600.00	\$35.00	\$91,000.00	\$32.40	\$84,240.00	\$6,760.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$125,000.00	\$125,000.00	\$100,000.00	\$100,000.00	\$25,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,800.00	\$3,600.00	\$3,300.00	\$6,600.00	(\$3,000.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$150.00	\$600.00	\$264.95	\$1,059.80	(\$459.80)
628.1	SAWED CONCRETE PAVEMENT	LF	21.00	\$26.00	\$546.00	\$3.90	\$81.90	\$464.10
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	450,698.00	\$0.14	\$63,097.72	\$0.15	\$67,604.70	(\$4,506.98)
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	71,402.00	\$0.12	\$8,568.24	\$0.11	\$7,854.22	\$714.02
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,133.00	\$0.80	\$16,906.40	\$1.50	\$31,699.50	(\$14,793.10)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	1,722.00	\$3.60	\$6,199.20	\$5.25	\$9,040.50	(\$2,841.30)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	10,435.00	\$1.00	\$10,435.00	\$1.00	\$10,435.00	\$0.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	130.00	\$1.75	\$227.50	\$1.33	\$172.90	\$54.60
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	539.00	\$2.00	\$1,078.00	\$2.10	\$1,131.90	(\$53.90)

632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	1,722.00	\$5.00	\$8,610.00	\$4.70	\$8,093.40	\$516.60
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	207.00	\$6.00	\$1,242.00	\$6.70	\$1,386.90	(\$144.90)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	2,936.00	\$9.00	\$26,424.00	\$8.25	\$24,222.00	\$2,202.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	158,475.00	\$0.35	\$55,466.25	\$0.37	\$58,635.75	(\$3,169.50)
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	562.00	\$1.00	\$562.00	\$1.50	\$843.00	(\$281.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	2,989.00	\$1.50	\$4,483.50	\$1.65	\$4,931.85	(\$448.35)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	32.00	\$80.00	\$2,560.00	\$2.60	\$83.20	\$2,476.80
692.	MOBILIZATION	U	1.00	\$162,000.00	\$162,000.00	\$120,514.45	\$120,514.45	\$41,485.55
698.13	FIELD OFFICE TYPE C	MON	6.00	\$2,000.00	\$12,000.00	\$1,700.00	\$10,200.00	\$1,800.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$0.00
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,100.00	\$1.00	\$3,100.00	\$1.00	\$3,100.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,081.00	\$1.00	\$5,081.00	\$1.00	\$5,081.00	\$0.00

Total: \$2,648,373.38 \$2,552,640.05 \$95,733.33



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/17/2019

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 (A/C, No, Ext):	513-867-3822	FAX (A/C, No):
E-MAIL ADDRESS:	CMeCertProduction@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:		
INSURER F:		

www.LibertyMutual.com

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

COVERAGES

CERTIFICATE NUMBER: 48173106

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Primary/Non-Contributory <input checked="" type="checkbox"/> Separation of Insured GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>		TB2-C81-004095-118 XCU Coverage Included	9/1/2018	9/1/2019	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$250,000 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	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>		AS2-C81-004095-128 AS2-C81-054502-528 Physical Damage only: Comprehensive Ded \$10,000 Collision Ded \$10,000	9/1/2018	9/1/2019	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"/> EXCESS LIAB DED RETENTION \$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TL2-681-054523-928	9/1/2018	9/1/2019	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000 Products/Completed Ops \$1,000,000
B	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	WA7-C8D-004095-028 All except OH, ND, WA, WY WC7-C81-004095-018 WI, MN	9/1/2018	9/1/2019	<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)

RE: Statewide BWC (E) X-A004(830), 42246
State of New Hampshire - Department of Transportation is listed as additional insured with regards to the general liability, automobile liability, and excess liability policies, on a primary and non-contributory basis, where required by written contract.

CERTIFICATE HOLDER**CANCELLATION**

State of New Hampshire-DOT
PO Box 483
Concord NH 03302

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Valerie Reece

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ACORD 25 (2016/03)

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**OWNERS AND CONTRACTORS PROTECTIVE
LIABILITY DECLARATIONS**



Issued by Liberty Mutual Fire Insurance Company

Policy Number	TF2-681-054643-979	Issuing Office	Bala Cynwyd, PA
Renewal of	NEW	Issue Date	2019/04/24
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 04/28/2019 to 4/28/2020 12:01 A.M. standard time at the Insured's mailing address.

Designated Contractor: Pike Industries, Inc.

Mailing Address: 3 Eastgate Park Rd, Belmont NH 03220

Location of Coverage Operations: Statewide BWC (E) X-A004(830), 42246

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

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

Owners and Contractors Protective Liability Coverage Part Premium	\$ 1,700
Endorsement Premium	\$
Total Estimated Premium	\$ 1,700
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

RAILROAD PROTECTIVE LIABILITY DECLARATIONS



Issued by Liberty Mutual Fire Insurance Company

Policy Number	TE2-681-054653-019	Issuing Office	Bala Cynwyd, PA
Renewal of	NEW	Issue Date	2019/04/29
Account Number	8-036771	Sub Account	0000

Named Insured and Mailing Address	Franchise
Pan Am Railways	
Springfield Terminal Railway Company	
Boston and Maine Corporation	
NH Department of Transportation	
1700 Iron Horse Park	
N. Billerica, MA 01862	

Form of Business Other

Policy Period: The policy period is from 4/28/2019 to 4/28/2020 12:01 A.M. standard time at the Insured's mailing address.

Job Location:
NH 33 from Concrete Island East of Ocean Road in Greenland to East Oxford Ave in Portsmouth
Statewide BWC (E) X-A004(830)

Designated Contractor:	Designated Contractor Mailing Address:
Pike Industries, Inc.	3 Eastgate Park Road, Belmont, NH 03220

Name and Address of Involved Governmental Authority or Other Contracting Party:
NH Department of Transportation
PO Box 483
Concord, NH 03302

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	\$ 2,000,000
Aggregate Limit	\$ 6,000,000

SCHEDULE

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

Railroad Protective Liability Coverage Part Premium	\$ 1,700
Endorsement Premium	\$
Other Charge(s)	\$
Amount Payable at Inception	\$ 1,700

Policywriting Minimum Premium \$

Forms Applicable: See Attached Inventory

Producer 0002 008060
MARSH USA INC
3560 LENOX RD NE STE 2400
ATLANTA, GA 30326-4266

Countersigned By:

Authorized Representative