



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
February 25, 2020

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 \$6,981,484.59 for approximately 25 miles of pavement resurfacing and repair along NH 101 between Epping and Exeter, from the date of Governor and Council approval through July 30, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2020 and Fiscal Year 2021 as follows, and is anticipated to be available in Fiscal Year 2022, upon the continued appropriation of funds in the future operating 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 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$2,443,519.60	\$4,188,890.76	\$349,074.23

2. Further authorize that a contingency in the amount of \$349,074.23 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 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments			\$349,074.23

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Tier 1 Resurfacing Programs (Pave-T1-Resurf). This project on NH 101 begins at a pavement joint approximately ¾ mile east of Exit 5 (MM 115.2 EB, 115.1 WB) in Epping easterly to a pavement joint east of Exit 9 (MM 124.6) in Exeter for a total of 24.6 centerline miles.

Mainline work includes longitudinal joint micro-mill, crack fill, polymer modified Bonded Wearing Course (BWC) overlay of the travel way, and fog seal of the shoulders. Ramp work includes a full width 2" high strength wearing course inlay at the ramps at Exits 6, 7, 8, & 9.

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, curb ramp reconstruction, and drainage structure adjustments.

The proposed contingency amount is 5% of the contract amount. This project was not surveyed and therefore items have been quantified based on field observations, and aerial photos only. The sections will deteriorate over the 2019-2020 winter. Field adjustments may be required due to varying field conditions.

Although the bid costs exceeded the Department's estimate by 23.80% the low bid of 2 bids received is felt to be reasonable for the work involved. This project was previously bid on September 26, 2019, and was not awarded. Two bids were received, and both were approximately 22% above the Department's estimate. The project scope and construction timeline was modified for this bid in an effort to attract more competition. The same two contractors bid on the repackaged project with similar results (24% over the Department's estimate). Readvertising this project a third time 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.

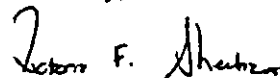
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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-T1-Resurf), 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: \$5,639,355.31
Contract Amount: \$6,981,484.59
Over Estimate: \$1,342,129.28
Attachments



ABC Bid Data

EPPING-EXETER

41790

X-A004(851)

PROJECT: EPPING-EXETER

STATE PROJECT NUMBER: 41790

FED. PROJECT NUMBER: X-A004(851)

DATE BIDS OPEN: January 30, 2020, 2:00

SCOPE OF WORK: Pavement preservation from MM 115.2 to MM 124.6 including ramps from Exit 6 through Exit 9

COMPLETION DATE: July 30, 2021

LOCATION: Rockingham

Awarded To: PIKE INDUSTRIES, INC.
3 EASTGATE PARK ROAD
BELMONT, NH 03220

Amount: \$6,981,484.59

Certified by: PETER E. STAMNAS

Director of Project Development

Award Date:

Summary of Bidders

Contractor

	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT, NH 03220	\$6,981,484.59	A
BROX INDUSTRIES, INC. 1471 METHUEN STREET, DRACUT MA 01826	\$7,181,210.11	B

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

Items

202.6	CURB REMOVAL FOR SALVAGE	LF	66.00	\$12.00	\$780.00	\$35.00	\$2,275.00	\$21.93	\$1,425.45
202.7	REMOVAL OF GUARDRAIL	LF	16,495.60	\$2.90	\$47,836.95	\$3.25	\$53,610.38	\$5.15	\$84,951.83
203.5561	EAGRT PLATFORM PREFERRED	U	17.00	\$1,000.00	\$17,000.00	\$2,380.00	\$40,460.00	\$1,909.56	\$32,462.52
206.1	COMMON STRUCTURE EXCAVATION	CY	6.20	\$450.00	\$2,790.00	\$555.00	\$3,441.00	\$383.76	\$2,379.31
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,611.30	\$35.00	\$56,395.50	\$27.00	\$43,505.10	\$35.70	\$57,523.41
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	2,088.30	\$84.00	\$175,417.20	\$103.00	\$215,094.90	\$105.00	\$219,271.50
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	12,085.90	\$84.00	\$1,015,215.60	\$103.00	\$1,244,847.70	\$105.00	\$1,269,019.50
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	13.30	\$190.00	\$2,527.00	\$250.00	\$3,325.00	\$175.00	\$2,327.50
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	24,726.60	\$1.30	\$32,144.58	\$3.50	\$86,543.10	\$3.29	\$81,350.51
403.6	PAVEMENT JOINT ADHESIVE	LF	146,244.00	\$0.30	\$43,873.20	\$0.23	\$33,636.12	\$0.32	\$46,798.08
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,493.00	\$4.50	\$38,218.50	\$5.75	\$48,834.75	\$5.60	\$47,580.80
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	20,509.00	\$4.25	\$87,163.25	\$4.05	\$83,061.45	\$4.66	\$95,571.94
410.753	COVER AGGREGATE	TON	45.40	\$1,650.00	\$74,910.00	\$1,650.00	\$74,910.00	\$2,028.43	\$92,090.72
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	49,012.00	\$2.05	\$100,474.60	\$2.40	\$117,628.80	\$2.63	\$128,901.58
417.	COLD PLANING BITUMINOUS SURFACES	SY	135,553.00	\$2.75	\$372,770.75	\$2.90	\$393,103.70	\$2.74	\$371,415.22
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	1,263.00	\$6.00	\$7,578.00	\$16.00	\$20,208.00	\$10.70	\$13,514.10
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	172,745.00	\$1.20	\$207,294.00	\$0.80	\$138,196.00	\$2.00	\$345,490.00
417.54	REMOVE AND INLAY LONGITUDINAL CRACKS	LF	5,280.00	\$3.75	\$19,800.00	\$10.00	\$52,800.00	\$6.31	\$33,316.80
419.13	BONDED WEARING COURSE, TYPE C	TON	13,310.40	\$120.00	\$1,597,248.00	\$136.00	\$1,810,214.40	\$130.24	\$1,733,546.50
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	172.00	\$110.00	\$18,920.00	\$113.00	\$19,436.00	\$123.08	\$21,169.76
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	495.00	\$123.00	\$60,885.00	\$129.00	\$63,855.00	\$141.17	\$69,879.15
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	675.00	\$15.00	\$10,125.00	\$15.00	\$10,125.00	\$16.44	\$11,196.00
606.014	6"x8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	141.00	\$95.00	\$13,395.00	\$100.00	\$14,100.00	\$97.58	\$13,758.78
606.0142	6"x8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	141.00	\$25.00	\$3,525.00	\$21.00	\$2,961.00	\$19.19	\$2,705.79
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	27.00	\$2,750.00	\$74,250.00	\$3,450.00	\$93,150.00	\$3,810.16	\$102,874.32
606.147	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2)	U	14.00	\$900.00	\$12,600.00	\$1,125.00	\$15,750.00	\$931.98	\$13,047.72
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,612.60	\$19.25	\$242,790.63	\$25.00	\$315,312.50	\$27.41	\$345,708.63
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	14.00	\$1,000.00	\$14,000.00	\$1,000.00	\$14,000.00	\$1,014.22	\$14,199.08
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	14.00	\$1,000.00	\$14,000.00	\$1,000.00	\$14,000.00	\$1,014.22	\$14,199.08

Item No.	Description	Unit	Quantity	P&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03228		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01828	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	12.00	\$275.00	\$3,300.00	\$425.00	\$5,100.00	\$356.34	\$4,276.08
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	17,912.50	\$6.80	\$121,805.00	\$9.50	\$170,168.75	\$9.59	\$171,780.88
606.2401	4" CONCRETE SIDEWALK	SY	15.00	\$100.00	\$1,500.00	\$66.00	\$990.00	\$82.23	\$1,233.45
606.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	3.60	\$425.00	\$1,530.00	\$425.00	\$1,530.00	\$520.82	\$1,874.85
609.01	STRAIGHT GRANITE CURB	LF	61.00	\$50.00	\$3,050.00	\$50.00	\$3,050.00	\$82.23	\$5,016.03
609.02	CURVED GRANITE CURB	LF	78.00	\$40.00	\$3,120.00	\$50.00	\$3,900.00	\$87.71	\$6,841.38
609.5	RESET GRANITE CURB	LF	72.00	\$20.00	\$1,440.00	\$30.00	\$2,160.00	\$54.82	\$3,947.04
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 8 FT	EA	5.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$548.22	\$2,741.10
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00	\$1,096.45	\$5,482.25
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$12,000.00	\$12,000.00	\$6,000.00	\$6,000.00	\$6,578.68	\$6,578.68
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	123,000.00	\$1.00	\$123,000.00	\$1.00	\$123,000.00	\$1.00	\$123,000.00
618.7	FLAGGERS	HR	800.00	\$31.50	\$25,200.00	\$39.00	\$31,200.00	\$40.57	\$32,458.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$150,000.00	\$150,000.00	\$440,000.00	\$440,000.00	\$335,000.00	\$335,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	8.00	\$3,300.00	\$19,800.00	\$6,500.00	\$39,000.00	\$6,874.72	\$41,248.32
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$4,500.00	\$9,000.00	\$4,999.80	\$9,999.60
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,400.00	\$4,800.00	\$7,500.00	\$15,000.00	\$6,052.38	\$12,104.76
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$5,000.00	\$10,000.00	\$12,000.00	\$24,000.00	\$41,445.68	\$82,891.36
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	339.00	\$5.25	\$1,779.75	\$5.60	\$1,898.40	\$5.48	\$1,857.72
621.31	SINGLE DELINEATOR WITH POST	EA	176.00	\$41.00	\$7,216.00	\$46.50	\$8,184.00	\$54.82	\$9,648.32
621.32	DOUBLE DELINEATOR WITH POST	EA	30.00	\$48.00	\$1,440.00	\$48.50	\$1,455.00	\$54.82	\$1,644.60
626.2	SAWED BITUMINOUS PAVEMENT	LF	215.00	\$3.00	\$645.00	\$5.00	\$1,075.00	\$2.74	\$589.10
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	786,521.00	\$0.16	\$125,843.36	\$0.18	\$141,573.78	\$0.22	\$173,034.62
632.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	298,981.00	\$0.13	\$38,867.53	\$0.08	\$23,918.48	\$0.13	\$38,867.53
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,656.00	\$0.80	\$8,524.80	\$0.80	\$8,524.80	\$1.10	\$11,721.60
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	620.00	\$3.50	\$2,170.00	\$4.00	\$2,480.00	\$3.29	\$2,039.80
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	30,767.00	\$1.00	\$30,767.00	\$1.75	\$53,824.75	\$1.10	\$33,832.70
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	18,421.00	\$3.00	\$55,263.00	\$3.75	\$69,078.75	\$3.56	\$65,578.76
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	310.00	\$5.00	\$1,550.00	\$5.00	\$1,550.00	\$5.48	\$1,698.80
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	488.00	\$9.50	\$4,636.00	\$9.00	\$4,392.00	\$7.67	\$3,742.96
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	68,176.00	\$0.36	\$24,543.00	\$0.35	\$23,861.25	\$0.38	\$25,908.50
645.531	SILT FENCE	LF	13,645.00	\$2.50	\$34,612.50	\$1.75	\$24,228.75	\$2.92	\$40,427.40

Item No.	Description	Unit	Quantity	P&E		PRICE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
648.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	5,356.00	\$3.00	\$16,068.00	\$4.20	\$22,495.20	\$6.58	\$35,242.48
692.	MOBILIZATION	U	1.00	\$162,605.83	\$162,605.83	\$410,000.00	\$410,000.00	\$350,000.00	\$350,000.00
698.13	FIELD OFFICE TYPE C	MON	19.00	\$1,700.00	\$32,300.00	\$2,100.00	\$39,900.00	\$2,000.00	\$38,000.00
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
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	\$	1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00
1010.16	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	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	50,780.78	\$1.00	\$50,780.78	\$1.00	\$50,780.78	\$1.00	\$50,780.78
Totals:				\$5,639,355.31		\$6,981,484.89		\$7,181,210.11	
Alt. Totals:									
Totals:				\$5,639,355.31		\$6,981,484.89		\$7,181,210.11	

PS&E Comparison

EPPING-EXETER

41790

X-A004(851)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
202.6	CURB REMOVAL FOR SALVAGE	LF	65.00	\$35.00	\$2,275.00	\$12.00	\$780.00	\$1,495.00
202.7	REMOVAL OF GUARDRAIL	LF	16,495.50	\$3.25	\$53,610.38	\$2.90	\$47,836.95	\$5,773.43
203.5561	EAGRT PLATFORM PREFERRED	U	17.00	\$2,380.00	\$40,460.00	\$1,000.00	\$17,000.00	\$23,460.00
206.1	COMMON STRUCTURE EXCAVATION	CY	6.20	\$555.00	\$3,441.00	\$450.00	\$2,790.00	\$651.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,611.30	\$27.00	\$43,505.10	\$35.00	\$56,395.50	(\$12,890.40)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	2,088.30	\$103.00	\$215,094.90	\$84.00	\$175,417.20	\$39,677.70
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	12,085.90	\$103.00	\$1,244,847.70	\$84.00	\$1,015,215.60	\$229,632.10
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	13.30	\$250.00	\$3,325.00	\$190.00	\$2,527.00	\$798.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	24,726.60	\$3.50	\$86,543.10	\$1.30	\$32,144.58	\$54,398.52
403.6	PAVEMENT JOINT ADHESIVE	LF	146,244.00	\$0.23	\$33,636.12	\$0.30	\$43,873.20	(\$10,237.08)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	8,493.00	\$5.75	\$48,834.75	\$4.50	\$38,218.50	\$10,616.25
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	20,509.00	\$4.05	\$83,061.45	\$4.25	\$87,163.25	(\$4,101.80)
410.753	COVER AGGREGATE	TON	45.40	\$1,650.00	\$74,910.00	\$1,650.00	\$74,910.00	\$0.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	49,012.00	\$2.40	\$117,628.80	\$2.05	\$100,474.60	\$17,154.20

417.	COLD PLANING BITUMINOUS SURFACES	SY	135,553.00	\$2.90	\$393,103.70	\$2.75	\$372,770.75	\$20,332.95
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	1,263.00	\$16.00	\$20,208.00	\$6.00	\$7,578.00	\$12,630.00
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	172,745.00	\$0.80	\$138,196.00	\$1.20	\$207,294.00	(\$69,098.00)
417.54	REMOVE AND INLAY LONGITUDINAL CRACKS	LF	5,280.00	\$10.00	\$52,800.00	\$3.75	\$19,800.00	\$33,000.00
419.13	BONDED WEARING COURSE, TYPE C	TON	13,310.40	\$136.00	\$1,810,214.40	\$120.00	\$1,597,248.00	\$212,966.40
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	172.00	\$113.00	\$19,436.00	\$110.00	\$18,920.00	\$516.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	495.00	\$129.00	\$63,855.00	\$123.00	\$60,885.00	\$2,970.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	875.00	\$15.00	\$13,125.00	\$15.00	\$13,125.00	\$0.00
606.014	6"X8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	141.00	\$100.00	\$14,100.00	\$95.00	\$13,395.00	\$705.00
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	141.00	\$21.00	\$2,961.00	\$25.00	\$3,525.00	(\$564.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	27.00	\$3,450.00	\$93,150.00	\$2,750.00	\$74,250.00	\$18,900.00
606.147	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2)	U	14.00	\$1,125.00	\$15,750.00	\$900.00	\$12,600.00	\$3,150.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,612.50	\$25.00	\$315,312.50	\$19.25	\$242,790.63	\$72,521.87
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	14.00	\$1,000.00	\$14,000.00	\$1,000.00	\$14,000.00	\$0.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	14.00	\$1,000.00	\$14,000.00	\$1,000.00	\$14,000.00	\$0.00
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	12.00	\$425.00	\$5,100.00	\$275.00	\$3,300.00	\$1,800.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	17,912.50	\$9.50	\$170,168.75	\$6.80	\$121,805.00	\$48,363.75
608.2401	4" CONCRETE SIDEWALK	SY	15.00	\$66.00	\$990.00	\$100.00	\$1,500.00	(\$510.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	3.60	\$425.00	\$1,530.00	\$425.00	\$1,530.00	\$0.00
609.01	STRAIGHT GRANITE CURB	LF	61.00	\$50.00	\$3,050.00	\$50.00	\$3,050.00	\$0.00
609.02	CURVED GRANITE CURB	LF	78.00	\$50.00	\$3,900.00	\$40.00	\$3,120.00	\$780.00

609.5	RESET GRANITE CURB	LF	72.00	\$30.00	\$2,160.00	\$20.00	\$1,440.00	\$720.00
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	5.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$0.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	5.00	\$1,000.00	\$5,000.00	\$1,500.00	\$7,500.00	(\$2,500.00)
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00	(\$6,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	123,000.00	\$1.00	\$123,000.00	\$1.00	\$123,000.00	\$0.00
618.7	FLAGGERS	HR	800.00	\$39.00	\$31,200.00	\$31.50	\$25,200.00	\$6,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$440,000.00	\$440,000.00	\$150,000.00	\$150,000.00	\$290,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$6,500.00	\$39,000.00	\$3,300.00	\$19,800.00	\$19,200.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$4,500.00	\$9,000.00	\$1,500.00	\$3,000.00	\$6,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$7,500.00	\$15,000.00	\$2,400.00	\$4,800.00	\$10,200.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$12,000.00	\$24,000.00	\$5,000.00	\$10,000.00	\$14,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	339.00	\$5.60	\$1,898.40	\$5.25	\$1,779.75	\$118.65
621.31	SINGLE DELINEATOR WITH POST	EA	176.00	\$46.50	\$8,184.00	\$41.00	\$7,216.00	\$968.00
621.32	DOUBLE DELINEATOR WITH POST	EA	30.00	\$48.50	\$1,455.00	\$48.00	\$1,440.00	\$15.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	215.00	\$5.00	\$1,075.00	\$3.00	\$645.00	\$430.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	786,521.00	\$0.18	\$141,573.78	\$0.16	\$125,843.36	\$15,730.42
632.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	298,981.00	\$0.08	\$23,918.48	\$0.13	\$38,867.53	(\$14,949.05)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,656.00	\$0.80	\$8,524.80	\$0.80	\$8,524.80	\$0.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	620.00	\$4.00	\$2,480.00	\$3.50	\$2,170.00	\$310.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	30,757.00	\$1.75	\$53,824.75	\$1.00	\$30,757.00	\$23,067.75
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	18,421.00	\$3.75	\$69,078.75	\$3.00	\$55,263.00	\$13,815.75
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	310.00	\$5.00	\$1,550.00	\$5.00	\$1,550.00	\$0.00

632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	488.00	\$9.00	\$4,392.00	\$9.50	\$4,636.00	(\$244.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	68,175.00	\$0.35	\$23,861.25	\$0.36	\$24,543.00	(\$681.75)
645.531	SILT FENCE	LF	13,845.00	\$1.75	\$24,228.75	\$2.50	\$34,612.50	(\$10,383.75)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	5,356.00	\$4.20	\$22,495.20	\$3.00	\$16,068.00	\$6,427.20
692.	MOBILIZATION	U	1.00	\$410,000.00	\$410,000.00	\$162,605.83	\$162,605.83	\$247,394.17
698.13	FIELD OFFICE TYPE C	MON	19.00	\$2,100.00	\$39,900.00	\$1,700.00	\$32,300.00	\$7,600.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$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	\$	1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$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	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	50,760.78	\$1.00	\$50,760.78	\$1.00	\$50,760.78	\$0.00

Total:

\$6,981,484.59

\$5,639,355.31

\$1,342,129.28

November 12th, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project on NH 101 begins at a pavement joint approximately ¾ mile east of Exit 5 (MM 115.2 EB, 115.1 WB) in Epping easterly to a pavement joint east of Exit 9 (MM 124.6) in Exeter for a total of 24.6 centerline miles.

Mainline work includes longitudinal joint micro-mill, crack fill, polymer modified Bonded Wearing Course (BWC) overlay of the travel way, and fog seal of the shoulders. Ramp work includes a full width 2" HS wearing course inlay at the ramps at Exits 6, 7, 8, & 9.

FEDERAL FUNDING: Pave-T1-Resurf (80%), Turnpike Toll Credit (20%).

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. The project was not surveyed and therefore, items have been quantified based on field observations, as-built plans, and aerial photos. Field adjustments may be required due to varying conditions. Asphalt prices are currently in escalation.

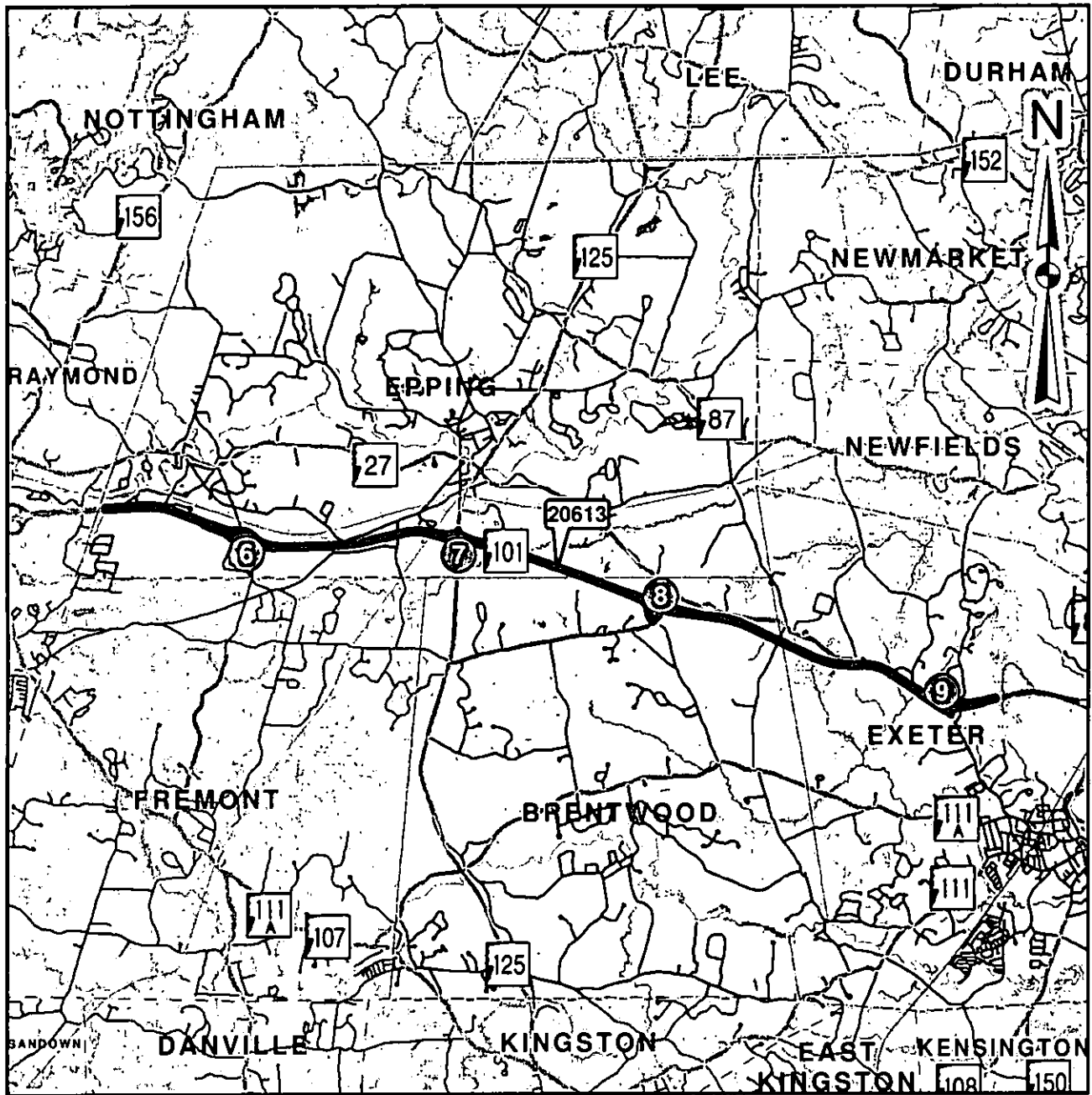
PROJECT INITIATED: 2020 Tier 1 Resurfacing Program.

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, curb ramp reconstruction, and drainage structure adjustments.

TRAFFIC IMPLICATION: All work requiring lane closure will be night work. One lane will be closed at a time on the mainline during construction activities. A 16-foot minimum lane width will be maintained at all times when travel is limited to one lane on NH 101. Ramp work will be night work. All Ramps at Exits 6 through 9 included in the project will be closed, one at a time, with detours in place to alternate exits along NH 101. The Work Zone was determined to be non-significant at the July 18, 2019 TCC Meeting.






FINAL COMPLETION DATE: July 30th, 2021.

EPPING - EXETER 41790



0 0.75 1.5 2.25 3
Miles

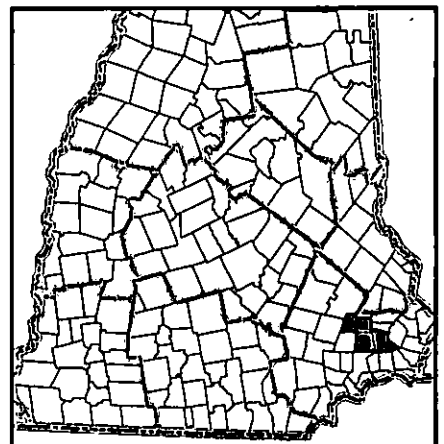
LEGEND

-  41790
-  State Routes
-  Unnumbered Routes
-  Urban Compacts
-  Local Roads

New Hampshire
DOT
Department of Transportation

State #: 41790
Federal #: X-A004(851)

LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/24/2020

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

www.LibertyMutual.com

CONTACT NAME:	Valerie Reece		
PHONE (A/C, No, Ext):	513-867-3822	FAX (A/C, No):	
E-MAIL ADDRESS:	Oldcastle.certs@LibertyMutual.com		
INSURER(S) AFFORDING COVERAGE			
INSURER A: Liberty Mutual Fire Insurance Company			
INSURER B: Liberty Insurance Corporation			
INSURER C:			
INSURER D:			
INSURER E:			
INSURER F:			

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

COVERAGES

CERTIFICATE NUMBER: 54242364

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 CERTIFICATION 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 SUBR INSD 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"/> PROJECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	TB2-C81-004095-119 XCU Coverage Included	9/1/2019	9/1/2020	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"/>	AS2-C81-004095-129	9/1/2019	9/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000
A	<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-C81-054502-529 Physical Damage only: Comprehensive Ded \$10,000 Collision Ded \$10,000	9/1/2019	9/1/2020	BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input 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"/>	TL2-681-054523-929 (General Liability)	9/1/2019	9/1/2020	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 <input checked="" type="checkbox"/> N	WA7-C8D-004095-029 All except OH, ND, WA, WY	9/1/2019	9/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000
B		N/A	WC7-C81-004095-019 WI, MN	9/1/2019	9/1/2020	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: Epping-Exeter X-A004(851), 41790
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 TF2-681-054662-050
Renewal of NEW
Account Number 8-036771

Issuing Office Bala Cynwyd, PA
Issue Date 2020/02/24
Sub Account 0000

Named Insured and Mailing Address
State of New Hampshire – D.O.T
P.O. Box 483
Concord, NH 03302

Franchise

Form of Business Other

Policy Period: The policy period is from 03/02/2020 to 03/02/2021 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: Epping-Exeter X-A004(851), 41790

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

Countersigned By:

Authorized Representative