



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Bank 47

Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

Bureau of Construction
May 2, 2017

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

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 single bid of \$3,725,444.50 for pavement preservation and rehabilitation of 18 miles nine Tier-2 roadway segments in the northern region of the State, from the date of Governor and Council approval through October 27, 2017 unless extended by the Department in accordance with the Standard Specifications. 24% Betterment Funds 76% Federal Funds.

Funding is available as follows for FY 2017, and is contingent upon the availability and continued appropriation of fund for FY 2018:

Table with 3 columns: Funding description, FY 2017, FY 2018. Row 1: Consolidated Federal Aid 400-500870 Highway Contract Payments, \$814,170.00, \$2,000,000.00

Table with 3 columns: Funding description, FY 2017, FY 2018. Row 1: Highway Betterment Aid 400-500870 Highway Contract Payments, \$311,274.50, \$600,000.00

2. Further authorize that a contingency in the amount of \$186,272.23 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.

Table with 3 columns: Funding description, FY 2017, FY 2018. Row 1: Consolidated Federal Aid 400-500870 Highway Contract Payments, \$0.00, \$186,272.23

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Federal Resurfacing Program. The project involves pavement preservation and rehabilitation of nine Tier 2 roadway segments in the northern region of the State, Counties of Carroll, Coos, and Grafton, as noted below:

Pinkham's Grant - NH 16: From the pavement joint south of Bridge No. 058/048 northerly to the pavement joint at Bridge No. 065/073 for a distance of 1.3 miles, including Bridge 058/048.

Pinkham's Grant - Green's Grant - NH 16: From the pavement joint north of Bridge No. 080/094 northerly to the pavement joint 0.2 miles north of Pinkham's Grant/Green's Grant Town line for a distance of 1.0 mile.

Carroll - US 302: From the pavement joint 0.2 miles east of Old Cherry Mountain Road easterly to the pavement joint 0.1 miles east of the Mt. Washington Hotel Road for a distance of 1.5 miles, including Bridge 173/141 and one RxR crossing.

Whitefield – US 3: From the pavement joint at the Carroll/Whitefield TL northerly to the pavement joint at the intersection with NH 116 for a distance of 2.4 miles, including Bridge 110/105 and one RxR crossing. The northern 0.8 mile segment is State Funded.

Bethlehem – US 302: From 100 feet west of the I-93 Exit 40 SB On Ramp easterly to 1,000 feet east of Johnson Lane for a distance of 5.6 miles, including Bridge 111/064.

Gorham – US 2: From the pavement joint 150 feet west of Morin Drive easterly to a pavement joint 100 feet west of NH 16 for a distance of 1.4 miles, including one RxR crossing.

Lancaster-Jefferson – US 2: From the pavement joint 0.1 miles south of Crystal Avenue to a pavement joint approximately 0.5 miles north of Wesson Road for a distance of 1.2 miles, including one RxR crossing.

Conway – US 302: Pedestrian accommodation work from the end of the median island on NH 16, approximately 340 feet south of the NH 16 / US 302 intersection, northerly to the Bartlett/Conway Town Line for a distance of 4.6 miles, and pavement improvements at two RxR crossings.

Incidental work includes reconstruction of curb ramps, guardrail rehabilitation and/or replacement, and limited sign relocations / replacements. Several bridges within the segments will receive inlays.

The pavement treatments vary along the various segments, depending on their condition, from ¼ inch overlay to 2 inch inlay. 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. These segments were constructed or last rehabilitated between 2003 and 2011.

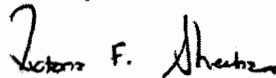
The proposed contingency amount is 5% of the contract amount. The project was not surveyed and therefore items have been quantified based on field observations, as-built plans, and aerial photos only. Field adjustments may be required due to varying field conditions. Project limits are fixed at existing pavement joints.

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.

The majority of segments are funded under the Tier 2 Preservation and Tier 2 Rehabilitation Programs at 80% Federal Funds with anticipated utilization of Turnpike Toll Credits for the State's 20% match. Bethlehem, Lancaster-Jefferson, and the northern 0.8 miles of Whitefield are 100% State Betterment Funded.

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

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$4,180,336.00
Contract Amount: \$3,725,444.50
Under Estimate: \$ 454,891.50
Attachments

April 19, 2017

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: The project involves pavement preservation and rehabilitation on nine Tier 2 roadway segments in the northern region of the State, including:

Pinkham's Grant – NH 16: From the pavement joint south of Bridge No. 058/048 northerly to the pavement joint at Bridge No. 065/073 for a distance of 1.3 miles, including Bridge 058/048.

Pinkham's Grant – Green's Grant – NH 16: From the pavement joint north of Bridge No. 080/094 northerly to the pavement joint 0.2 miles north of Pinkham's Grant/Green's Grant Town line for a distance of 1.0 mile.

Carroll – US 302: From the pavement joint 0.2 miles east of Old Cherry Mountain Road easterly to the pavement joint 0.1 miles east of the Mt. Washington Hotel Road for a distance of 1.5 miles, including Bridge 173/141 and one RxR crossing.

Whitefield – US 3: From the pavement joint at the Carroll/Whitefield TL northerly to the pavement joint at the intersection with NH 116 for a distance of 2.4 miles, including Bridge 110/105 and one RxR crossing. The northern 0.8 mile segment is State Funded.

Bethlehem – US 302: From 100 feet west of the I-93 Exit 40 SB On Ramp easterly to 1,000 feet east of Johnson Lane for a distance of 5.6 miles, including Bridge 111/064.

Gorham – US 2: From the pavement joint 150 feet west of Morin Drive easterly to a pavement joint 100 feet west of NH 16 for a distance of 1.4 miles, including one RxR crossing.

Lancaster-Jefferson – US 2: From the pavement joint 0.1 miles south of Crystal Avenue to a pavement joint approximately 0.5 miles north of Wesson Road for a distance of 1.2 miles, including one RxR crossing.

Conway – US 302: Pedestrian accommodation work from the end of the median island on NH 16, approximately 340 feet south of the NH 16 / US 302 intersection, northerly to the Bartlett/Conway Town Line for a distance of 4.6 miles, and pavement improvements at two RxR crossings.

FEDERAL FUNDING: The majority of segments are funded under the Tier 2 Preservation and Tier 2 Rehabilitation Programs at 80% Federal Funds with anticipated utilization of Turnpike Toll Credits for the State's 20% match. Bethlehem, Lancaster-Jefferson, and the northern 0.8 miles of Whitefield are 100% State Funded.

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 only. Field adjustments may be required due to varying field conditions. Project limits are fixed at existing pavement joints.

PROJECT INITIATED: State's 10 Year Plan, under the Federal Resurfacing Program

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. These segments were constructed or last rehabilitated between 2003 and 2011.

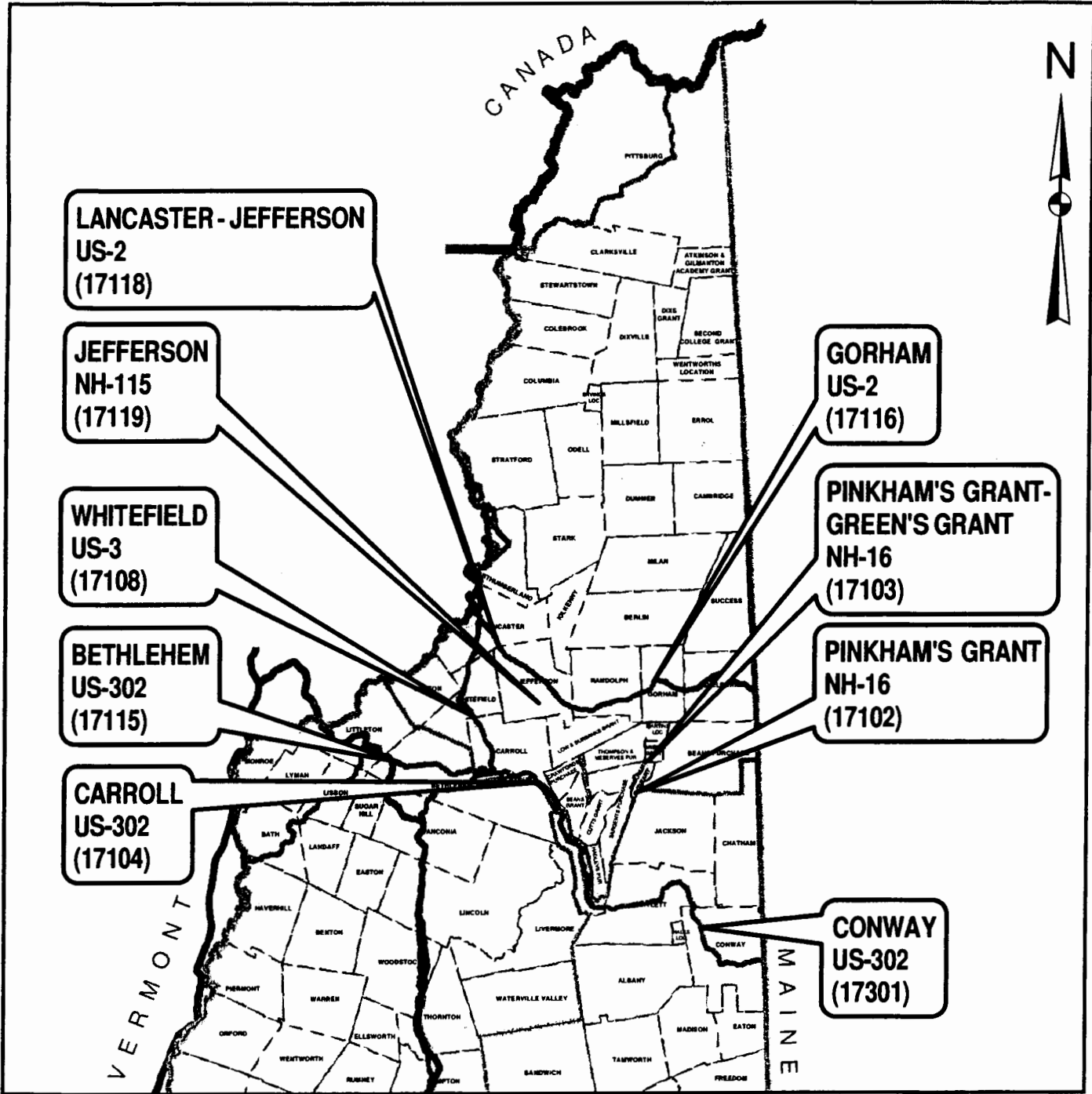
**STATEWIDE
X-A004(508)
40863**

April 19, 2017

TRAFFIC IMPLICATION: Daytime lane and shoulder closures will be required, during work hours only. Speed reduction of 10 mph, during work hours, is proposed where posted speed limit is 50 mph or greater. The I-93 Exit 40 S.B. Off Ramp to US 302 will need to be closed for several hours during inlay of the bridge over I-93. Motorists will be directed to Exit 39 to reverse direction. Due to traffic volumes on the Conway (US 302) segment, night work is proposed for inlays. Also for the Conway segment, work that impacts traffic will only be allowed in April, May, and June, with the exception of curb ramp construction at locations approved by the Engineer.

FINAL COMPLETION DATE: October 27, 2017

STATEWIDE - 40863 - Tier 2 Resurfacing - North



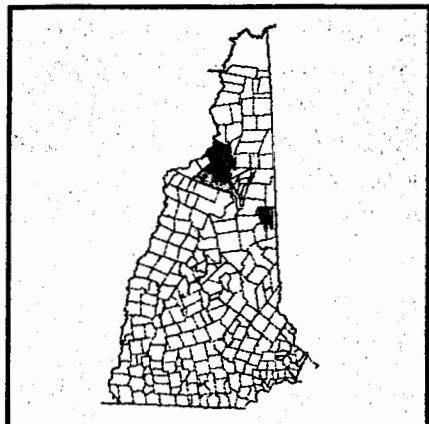
10 5 0 10 Miles



State #: 40863
 Federal #: X-A004 (508)
LOCATION MAP

LEGEND

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





ABC Bid Data

STATEWIDE
40863
X-A004(508)

PROJECT: STATEWIDE
STATE PROJECT NUMBER: 40863
FED. PROJECT NUMBER: X-A004(508)
DATE BIDS OPEN: April 13, 2017, 2:00
SCOPE OF WORK: Teir 2 resurfacing in the Northern region of State for preventative Maintenance and Preservation.
COMPLETION DATE: October 27, 2017
LOCATION:

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

Amount: \$3,725,444.50
Award Date:

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

Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$3,725,444.50	A

Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.6	CURB REMOVAL FOR SALVAGE	LF	1,510.000	\$5.00	\$7,550.00	\$3.50	\$5,285.00		
202.7	REMOVAL OF GUARDRAIL	LF	3,950.000	\$2.00	\$7,900.00	\$0.75	\$2,962.50		
203.1	COMMON EXCAVATION	CY	505.000	\$30.00	\$15,150.00	\$225.00	\$113,625.00		
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 3	U	16.000	\$1,300.00	\$20,800.00	\$1,700.00	\$27,200.00		
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 2	U	1.000	\$900.00	\$900.00	\$1,400.00	\$1,400.00		
203.601	EMBANKMENT-IN-PLACE	CY	105.000	\$15.00	\$1,575.00	\$45.00	\$4,725.00		
209.1	GRANULAR BACKFILL	CY	280.000	\$45.00	\$12,600.00	\$56.00	\$15,680.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,925.000	\$22.00	\$42,350.00	\$28.00	\$53,900.00		
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	9,210.000	\$90.00	\$828,900.00	\$73.50	\$676,935.00		
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	540.000	\$90.00	\$48,600.00	\$82.00	\$44,280.00		
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	3,330.000	\$90.00	\$299,700.00	\$75.00	\$249,750.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	135.000	\$150.00	\$20,250.00	\$175.00	\$23,625.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	12,540.000	\$2.00	\$25,080.00	\$2.50	\$31,350.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	145,850.000	\$0.40	\$58,340.00	\$0.28	\$40,838.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	18,250.000	\$4.00	\$73,000.00	\$2.90	\$52,925.00		
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	11,750.000	\$85.00	\$998,750.00	\$75.00	\$881,250.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	105,900.000	\$2.50	\$264,750.00	\$2.00	\$211,800.00		
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5' DEEP	LF	1,500.000	\$7.00	\$10,500.00	\$3.00	\$4,500.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	48.000	\$100.00	\$4,800.00	\$110.00	\$5,280.00		
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	10.000	\$1,000.00	\$10,000.00	\$200.00	\$2,000.00		
604.0007	POLYETHYLENE LINER	EA	33.000	\$200.00	\$6,600.00	\$120.00	\$3,960.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	33.000	\$450.00	\$14,850.00	\$550.00	\$18,150.00		
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	75.000	\$10.00	\$750.00	\$10.00	\$750.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	16.000	\$55.00	\$880.00	\$60.00	\$960.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	16.000	\$10.00	\$160.00	\$20.00	\$320.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.000	\$2,000.00	\$34,000.00	\$2,350.00	\$39,950.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.000	\$1,500.00	\$1,500.00	\$2,100.00	\$2,100.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	3.000	\$550.00	\$1,650.00	\$550.00	\$1,650.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,125.000	\$20.00	\$62,500.00	\$16.50	\$51,562.50		
606.915	RESETTING GUARDRAIL BLOCK AND RAIL ONLY	LF	900.000	\$7.50	\$6,750.00	\$4.80	\$4,320.00		
608.1201	2" BITUMINOUS SIDEWALK	SY	15.000	\$30.00	\$450.00	\$200.00	\$3,000.00		
608.2401	4" CONCRETE SIDEWALK	SY	1,525.000	\$55.00	\$83,875.00	\$45.00	\$68,625.00		
608.2801	8" CONCRETE SIDEWALK	SY	20.000	\$80.00	\$1,600.00	\$57.00	\$1,140.00		
608.411	RESET BRICK SIDEWALK	SY	40.000	\$200.00	\$8,000.00	\$25.00	\$1,000.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	230.000	\$450.00	\$103,500.00	\$450.00	\$103,500.00		

Item No.	Description	Unit	Quantity	P&E		PKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
609.01	STRAIGHT GRANITE CURB	LF	1,185.000	\$35.00	\$41,475.00	\$26.00	\$30,810.00		
609.02	CURVED GRANITE CURB	LF	565.000	\$32.00	\$18,080.00	\$36.00	\$20,340.00		
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	60.000	\$25.00	\$1,500.00	\$22.50	\$1,350.00		
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	750.000	\$25.00	\$18,750.00	\$25.00	\$18,750.00		
609.5	RESET GRANITE CURB	LF	1,710.000	\$15.00	\$25,650.00	\$18.50	\$31,635.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	575.000	\$10.00	\$5,750.00	\$12.00	\$6,900.00		
609.930	SPECIAL STRAIGHT GRANITE CURB (REVEAL 12" - 18")	LF	50.000	\$75.00	\$3,750.00	\$125.00	\$6,250.00		
615.0301	TRAFFIC SIGN TYPE C	SF	54.500	\$35.00	\$1,907.50	\$125.00	\$6,812.50		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	4.000	\$200.00	\$800.00	\$400.00	\$1,600.00		
616.640	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 40 FT	EA	1.000	\$1,250.00	\$1,250.00	\$1,600.00	\$1,600.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	1.000	\$1,500.00	\$1,500.00	\$1,600.00	\$1,600.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	20,000.000	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
618.7	FLAGGERS	HR	3,100.000	\$30.00	\$93,000.00	\$26.50	\$82,150.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$250,000.00	\$250,000.00	\$136,000.00	\$136,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.000	\$3,500.00	\$21,000.00	\$2,500.00	\$15,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	6.000	\$3,500.00	\$21,000.00	\$2,500.00	\$15,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	48.000	\$4.50	\$216.00	\$4.25	\$204.00		
621.31	SINGLE DELINEATOR WITH POST	EA	200.000	\$40.00	\$8,000.00	\$35.50	\$7,100.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	17.000	\$50.00	\$850.00	\$40.00	\$680.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	5,860.000	\$2.00	\$11,720.00	\$3.00	\$17,580.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	773,500.000	\$0.15	\$116,025.00	\$0.15	\$116,025.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,700.000	\$0.60	\$1,020.00	\$1.00	\$1,700.00		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	500.000	\$1.50	\$750.00	\$2.00	\$1,000.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	30.000	\$3.50	\$105.00	\$6.00	\$180.00		
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	370.000	\$3.75	\$1,387.50	\$8.00	\$2,960.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	835.000	\$6.00	\$5,010.00	\$9.00	\$7,515.00		
641.	LOAM	CY	60.000	\$40.00	\$2,400.00	\$65.00	\$3,900.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,600.000	\$5.00	\$8,000.00	\$6.25	\$10,000.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	2,100.000	\$1.00	\$2,100.00	\$3.25	\$6,825.00		
647.1	HUMUS	CY	195.000	\$30.00	\$5,850.00	\$50.00	\$9,750.00		
692.	MOBILIZATION	U	1.000	\$200,000.00	\$200,000.00	\$181,000.00	\$181,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	16,500.000	\$1.00	\$16,500.00	\$1.00	\$16,500.00		
1010.15	FUEL ADJUSTMENT	\$	40,000.000	\$1.00	\$40,000.00	\$1.00	\$40,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.000	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	56,430.000	\$1.00	\$56,430.00	\$1.00	\$56,430.00		

Totals:	\$4,180,336.00	\$3,725,444.50
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PS&E Comparison

STATEWIDE
40863
X-A004(508)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.6	CURB REMOVAL FOR SALVAGE	LF	1,510.000	\$3.50	\$5,285.00	\$5.00	\$7,550.00	(\$2,265.00)
202.7	REMOVAL OF GUARDRAIL	LF	3,950.000	\$0.75	\$2,962.50	\$2.00	\$7,900.00	(\$4,937.50)
203.1	COMMON EXCAVATION	CY	505.000	\$225.00	\$113,625.00	\$30.00	\$15,150.00	\$98,475.00
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 3	U	16.000	\$1,700.00	\$27,200.00	\$1,300.00	\$20,800.00	\$6,400.00
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 2	U	1.000	\$1,400.00	\$1,400.00	\$900.00	\$900.00	\$500.00
203.601	EMBANKMENT-IN-PLACE	CY	105.000	\$45.00	\$4,725.00	\$15.00	\$1,575.00	\$3,150.00
209.1	GRANULAR BACKFILL	CY	280.000	\$56.00	\$15,680.00	\$45.00	\$12,600.00	\$3,080.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,925.000	\$28.00	\$53,900.00	\$22.00	\$42,350.00	\$11,550.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	9,210.000	\$73.50	\$676,935.00	\$90.00	\$828,900.00	(\$151,965.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	540.000	\$82.00	\$44,280.00	\$90.00	\$48,600.00	(\$4,320.00)
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	3,330.000	\$75.00	\$249,750.00	\$90.00	\$299,700.00	(\$49,950.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	135.000	\$175.00	\$23,625.00	\$150.00	\$20,250.00	\$3,375.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	12,540.000	\$2.50	\$31,350.00	\$2.00	\$25,080.00	\$6,270.00
403.6	PAVEMENT JOINT ADHESIVE	LF	145,850.000	\$0.28	\$40,838.00	\$0.40	\$58,340.00	(\$17,502.00)

410.22	ASPHALT EMULSION FOR TACK COAT	GAL	18,250.000	\$2.90	\$52,925.00	\$4.00	\$73,000.00	(\$20,075.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	11,750.000	\$75.00	\$881,250.00	\$85.00	\$998,750.00	(\$117,500.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	105,900.000	\$2.00	\$211,800.00	\$2.50	\$264,750.00	(\$52,950.00)
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	1,500.000	\$3.00	\$4,500.00	\$7.00	\$10,500.00	(\$6,000.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	48.000	\$110.00	\$5,280.00	\$100.00	\$4,800.00	\$480.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	10.000	\$200.00	\$2,000.00	\$1,000.00	\$10,000.00	(\$8,000.00)
604.0007	POLYETHYLENE LINER	EA	33.000	\$120.00	\$3,960.00	\$200.00	\$6,600.00	(\$2,640.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	33.000	\$550.00	\$18,150.00	\$450.00	\$14,850.00	\$3,300.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	75.000	\$10.00	\$750.00	\$10.00	\$750.00	\$0.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	16.000	\$60.00	\$960.00	\$55.00	\$880.00	\$80.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	16.000	\$20.00	\$320.00	\$10.00	\$160.00	\$160.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.000	\$2,350.00	\$39,950.00	\$2,000.00	\$34,000.00	\$5,950.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.000	\$2,100.00	\$2,100.00	\$1,500.00	\$1,500.00	\$600.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	3.000	\$550.00	\$1,650.00	\$550.00	\$1,650.00	\$0.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,125.000	\$16.50	\$51,562.50	\$20.00	\$62,500.00	(\$10,937.50)
606.915	RESETTING GUARDRAIL BLOCK AND RAIL ONLY	LF	900.000	\$4.80	\$4,320.00	\$7.50	\$6,750.00	(\$2,430.00)
608.1201	2" BITUMINOUS SIDEWALK	SY	15.000	\$200.00	\$3,000.00	\$30.00	\$450.00	\$2,550.00
608.2401	4" CONCRETE SIDEWALK	SY	1,525.000	\$45.00	\$68,625.00	\$55.00	\$83,875.00	(\$15,250.00)
608.2801	8" CONCRETE SIDEWALK	SY	20.000	\$57.00	\$1,140.00	\$80.00	\$1,600.00	(\$460.00)
608.411	RESET BRICK SIDEWALK	SY	40.000	\$25.00	\$1,000.00	\$200.00	\$8,000.00	(\$7,000.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	230.000	\$450.00	\$103,500.00	\$450.00	\$103,500.00	\$0.00

609.01	STRAIGHT GRANITE CURB	LF	1,185.000	\$26.00	\$30,810.00	\$35.00	\$41,475.00	(\$10,665.00)
609.02	CURVED GRANITE CURB	LF	565.000	\$36.00	\$20,340.00	\$32.00	\$18,080.00	\$2,260.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	60.000	\$22.50	\$1,350.00	\$25.00	\$1,500.00	(\$150.00)
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	750.000	\$25.00	\$18,750.00	\$25.00	\$18,750.00	\$0.00
609.5	RESET GRANITE CURB	LF	1,710.000	\$18.50	\$31,635.00	\$15.00	\$25,650.00	\$5,985.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	575.000	\$12.00	\$6,900.00	\$10.00	\$5,750.00	\$1,150.00
609.930	SPECIAL STRAIGHT GRANITE CURB (REVEAL 12" - 18")	LF	50.000	\$125.00	\$6,250.00	\$75.00	\$3,750.00	\$2,500.00
615.0301	TRAFFIC SIGN TYPE C	SF	54.500	\$125.00	\$6,812.50	\$35.00	\$1,907.50	\$4,905.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	4.000	\$400.00	\$1,600.00	\$200.00	\$800.00	\$800.00
616.640	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 40 FT	EA	1.000	\$1,600.00	\$1,600.00	\$1,250.00	\$1,250.00	\$350.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	1.000	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$100.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	20,000.000	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
618.7	FLAGGERS	HR	3,100.000	\$26.50	\$82,150.00	\$30.00	\$93,000.00	(\$10,850.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$136,000.00	\$136,000.00	\$250,000.00	\$250,000.00	(\$114,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.000	\$2,500.00	\$15,000.00	\$3,500.00	\$21,000.00	(\$6,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	6.000	\$2,500.00	\$15,000.00	\$3,500.00	\$21,000.00	(\$6,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	48.000	\$4.25	\$204.00	\$4.50	\$216.00	(\$12.00)
621.31	SINGLE DELINEATOR WITH POST	EA	200.000	\$35.50	\$7,100.00	\$40.00	\$8,000.00	(\$900.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	17.000	\$40.00	\$680.00	\$50.00	\$850.00	(\$170.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	5,860.000	\$3.00	\$17,580.00	\$2.00	\$11,720.00	\$5,860.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	773,500.000	\$0.15	\$116,025.00	\$0.15	\$116,025.00	\$0.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,700.000	\$1.00	\$1,700.00	\$0.60	\$1,020.00	\$680.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	500.000	\$2.00	\$1,000.00	\$1.50	\$750.00	\$250.00

632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	30.000	\$6.00	\$180.00	\$3.50	\$105.00	\$75.00
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	370.000	\$8.00	\$2,960.00	\$3.75	\$1,387.50	\$1,572.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	835.000	\$9.00	\$7,515.00	\$6.00	\$5,010.00	\$2,505.00
641.	LOAM	CY	60.000	\$65.00	\$3,900.00	\$40.00	\$2,400.00	\$1,500.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,600.000	\$6.25	\$10,000.00	\$5.00	\$8,000.00	\$2,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	2,100.000	\$3.25	\$6,825.00	\$1.00	\$2,100.00	\$4,725.00
647.1	HUMUS	CY	195.000	\$50.00	\$9,750.00	\$30.00	\$5,850.00	\$3,900.00
692.	MOBILIZATION	U	1.000	\$181,000.00	\$181,000.00	\$200,000.00	\$200,000.00	(\$19,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	16,500.000	\$1.00	\$16,500.00	\$1.00	\$16,500.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	40,000.000	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	56,430.000	\$1.00	\$56,430.00	\$1.00	\$56,430.00	\$0.00

Total:					\$3,725,444.50	\$4,180,336.00	(\$454,891.50)
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Certificate of Insurance

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON YOU THE CERTIFICATE HOLDER. THIS CERTIFICATE IS NOT AN INSURANCE POLICY AND DOES NOT AMEND, EXTEND, OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW. POLICY LIMITS ARE NO LESS THAN THOSE LISTED, ALTHOUGH POLICIES MAY INCLUDE ADDITIONAL SUBLIMIT/LIMITS NOT LISTED BELOW.

This is to Certify that

Pike Industries, Inc.
3 Eastgate Park Road
Belmont NH 03220

NAME AND
ADDRESS
OF INSURED



Liberty Mutual
INSURANCE

is, at the issue date of this certificate, insured by the Company under the policy(ies) listed below. The insurance afforded by the listed policy(ies) is subject to all their terms, exclusions and Conditions and is not altered by any requirement, term or condition of any contract or other document with respect to which this certificate may be issued.

TYPE OF POLICY	EXP DATE	POLICY NUMBER	LIMIT OF LIABILITY	
	<input type="checkbox"/> CONTINUOUS <input type="checkbox"/> EXTENDED <input checked="" type="checkbox"/> POLICY TERM			
WORKERS COMPENSATION	9/1/2017	WA7-C8D-004095-026 WC7-C81-004095-016	COVERAGE AFFORDED UNDER WC LAW OF THE FOLLOWING STATES: -026: All States except OH, ND, WA, WY -016: WI	EMPLOYERS LIABILITY Bodily Injury by Accident \$1,000,000 Each Accident Bodily Injury By Disease \$1,000,000 Policy Limit Bodily Injury By Disease \$1,000,000 Each Person
COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> OCCURRENCE <input type="checkbox"/> CLAIMS MADE	9/1/2017 RETRO DATE _____	TB2-C81-004095-116 -Per Project Aggregate included.	General Aggregate \$2,000,000 Products / Completed Operations Aggregate \$2,000,000 Each Occurrence \$2,000,000 Personal & Advertising Injury \$2,000,000 Per Person / Organization Other Damage to Premises Rented to You: \$250,000 Other Medical Exp: \$5,000	
AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> OWNED <input checked="" type="checkbox"/> NON-OWNED <input checked="" type="checkbox"/> HIRED	9/1/2017	AS2-C81-004095-126	\$2,000,000 Each Accident—Single Limit B.I. And P.D. Combined Each Person Each Accident or Occurrence Each Accident or Occurrence	
OTHER Automobile policy	9/1/2016 - 9/1/2017	AS2-C81-054502-526	Physical Damage only -\$10,000 Comp DED -\$10,000 Coll DED	
ADDITIONAL COMMENTS Re: Statewide X-A004(508), 40863 State of New Hampshire-DOT is listed as additional insured with regards to the general liability and automobile liability policies, where required by written contract.				

* If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date.

NOTICE OF CANCELLATION: (NOT APPLICABLE UNLESS A NUMBER OF DAYS IS ENTERED BELOW.) BEFORE THE STATED EXPIRATION DATE THE COMPANY WILL NOT CANCEL OR REDUCE THE INSURANCE AFFORDED UNDER THE ABOVE POLICIES UNTIL AT LEAST **30** DAYS NOTICE OF SUCH CANCELLATION HAS BEEN MAILED TO:

Statewide X-A004(508), 40863

Liberty Mutual Insurance Group

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

Valerie V. Reece

Valerie Reece
AUTHORIZED REPRESENTATIVE
Fairfield / 049C
9450 Seward Road
Fairfield OH 45014 800-332-3226 4/21/2017
OFFICE PHONE DATE ISSUED

This certificate is executed by LIBERTY MUTUAL INSURANCE GROUP as respects such insurance as is afforded by those Companies NM 772 07-10

**OWNERS AND CONTRACTORS PROTECTIVE
LIABILITY DECLARATIONS**



Issued by Liberty Mutual Fire Insurance Company

Policy Number	TF2-681-054545-767	Issuing Office	Bala Cynwyd, PA
Renewal of	NEW	Issue Date	04/25/2017
Account Number	036771	Sub Account	0000

Named Insured and Mailing Address	Franchise
State of New Hampshire – D.O.T.	
P.O. Box 483	
Concord, NH 03302-0483	

Form of Business Other

Policy Period: The policy period is from 05/01/2017 to 05/01/2018 12:01 A.M. standard time at the Insured's mailing address.

Designated Contractor: Pike Industries, Inc.

Mailing Address: 3 Eastgate Road
Belmont, NH 03220

Location of Coverage Operations: Statewide X-A004(508), 40863 Various locations in Carroll, Coos and Grafton Counties, NH

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	\$ 1,200
Endorsement Premium	\$
Total Estimated Premium	\$ 1,200
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
Helegda, J 8843

Countersigned By:

Authorized Representative