



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Beant 29

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
October 10, 2016

Her Excellency, Governor Margaret Wood Hassan
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 low bid of \$1,837,572.60 for resurfacing NH 16 in Gorham, beginning at the northern intersection with US 2 proceeding north 3.7 miles to the Berlin town line, from the date of Governor and Council approval through September 29, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2017</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$1,837,572.60

2. Further authorize that a contingency in the amount of \$91,878.63 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 2017</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$91,878.63

EXPLANATION

This project is part of the State's Ten Year Plan under the Programmatic, Pavement, Resurfacing/Rehabilitation and Crack Seal Program. This project will resurface NH 16 in Gorham, NH, beginning at the northern intersection with US 2 proceeding north 3.7 miles to the Berlin Town Line. The roadway generally consists of four travel lanes plus a dual use center turn lane. Work includes a bonded wearing course pavement treatment with high strength inlays at intersections, curb replacement/resetting, and drainage structure adjustments. Work at the US Route 2 intersection includes the addition of pedestrian signals, associated adjustments to the existing traffic signal infrastructure, as well as upgrades to cross walks and installation of ADA compliant sidewalk ramps and crossings.

This project is a follow up preservation treatment to the 2006 rehabilitation that performed a 2" to 3" cold plane and paved 3". A crack seal was then performed in 2011. This project should reduce shoving and rutting at intersections with the proposed high strength inlay, and help preserve and extend the service life of the previous 2006 deep inlay investment along the remaining length.

The contingency amount is proposed to be 5% of the contract amount. Potential for quantity overruns exist due to the time between advertisement (fall 2016) and construction (spring 2017). 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 (for drainage work, curb reset and replacements, limits of pavement inlay work, etc.) due to varying field conditions.

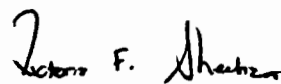
Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved. In summary, two bids were received, which were within 8% of each other. The primary differences between the Department's estimate and the low bid are related to maintenance of traffic, mobilization and paving costs likely influenced to a greater extent than anticipated by the night work required and project locations. Re-advertising this project may result in higher prices. 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 with 20% state match. Turnpike toll credit is being utilized for match requirements, 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.

Sincerely,



Victoria F. Sheehan
Commissioner

Department Estimate: \$1,552,162.50
Contract Amount: \$1,837,572.60
Over Estimate: \$ 285,410.10

Attachments

August 18, 2016

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project will resurface NH 16 in Gorham, NH, beginning at the northern intersection with US 2 proceeding north 3.7 miles to the Berlin Town Line. The roadway generally consists of four travel lanes plus a dual use center turn lane.

Work includes a bonded wearing course pavement treatment with high strength inlays at intersections, curb replacement/resetting, and drainage structure adjustments. Work at the US Route 2 intersection includes the addition of pedestrian signals, associated adjustments to the existing traffic signal infrastructure, as well as upgrades to cross walks and installation of ADA compliant sidewalk ramps and crossings.

FEDERAL FUNDING: 80% Federal Programmatic Pavement Resurfacing/Rehabilitation & Crack Seal (PRRCS) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 5% of the contract amount. Potential for overruns exist due to the time between advertisement (fall 2016) and construction (spring 2017). 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 (for drainage work, curb reset and replacements, limits of pavement inlay work, etc.) due to varying field conditions.

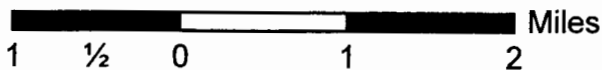
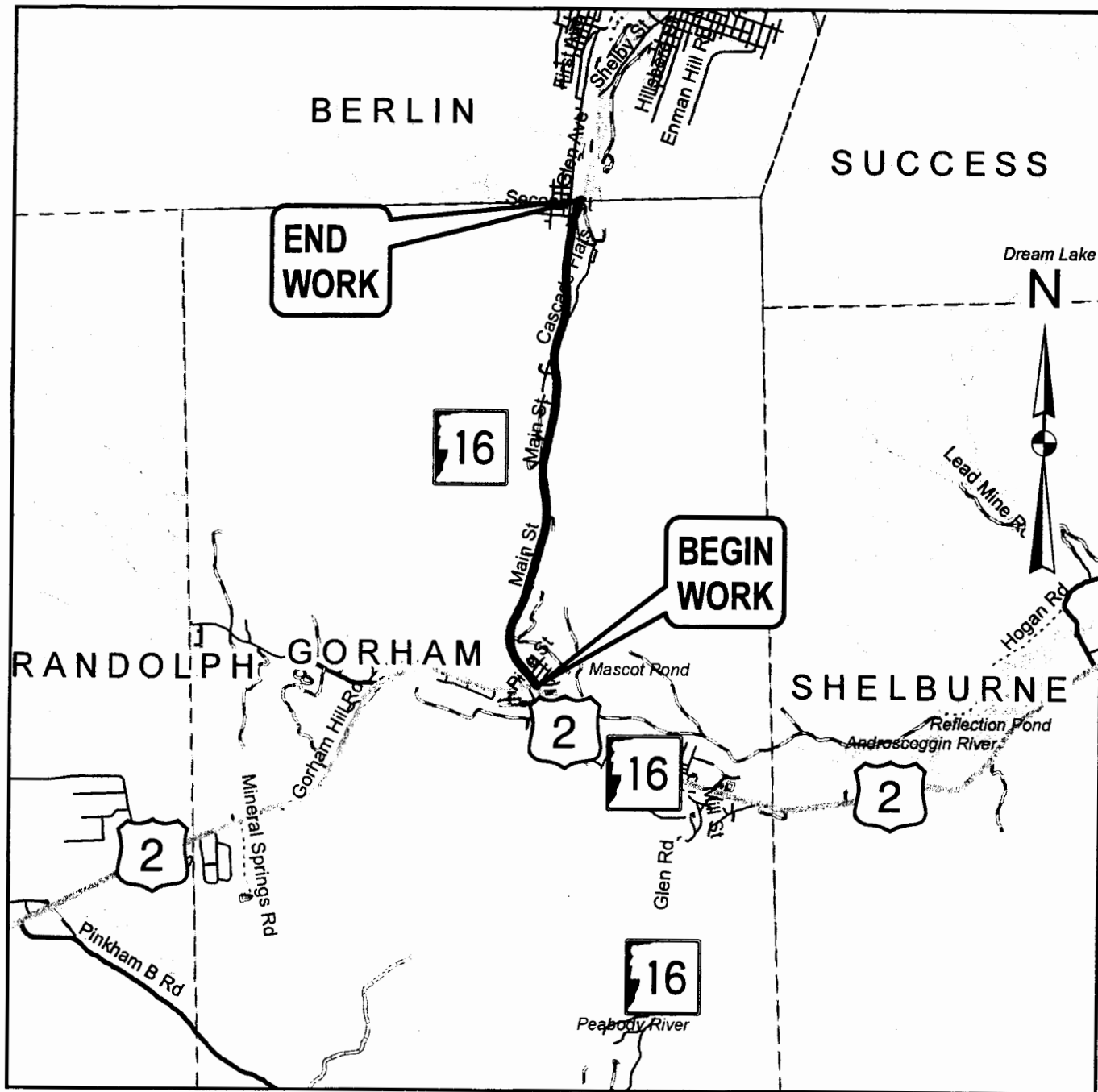
PROJECT INITIATED: State's Ten Year Plan – Programmatic Pavement Resurfacing/Rehabilitation & Crack Seal (PRRCS)

PROJECT EXPLANATION: This project is a follow up preservation treatment to the 2006 rehabilitation that performed a 2" to 3" cold plane and paved 3". A crack seal was then performed in 2011. This project should reduce shoving and rutting at intersections with the proposed high strength inlay, and help preserve the previous 2006 deep inlay investment along the remaining length.

TRAFFIC IMPLICATION: Night work (9:00 PM to 6:00 AM) is specified for the pavement inlay at the Walmart signals and the US 2 intersection signals. The remainder of the project will be allowed during daytime. Aside from the pavement inlay work at the US 2/NH 16 intersection, two-way traffic, a lane in each direction, shall be maintained during construction.

COMPLETION DATE: September 29, 2017

GORHAM - NH ROUTE 16

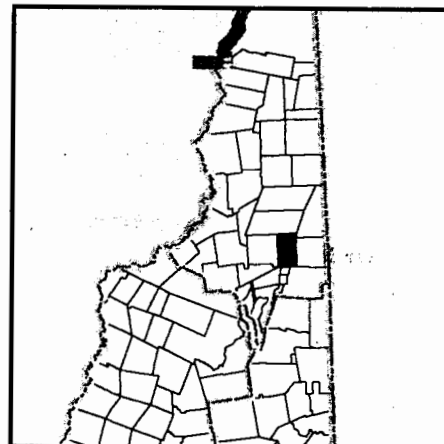


LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 40420
 Federal #: X-A004 (392)
LOCATION MAP





ABC Bid Data

GORHAM
40420
X-A004(392)

PROJECT: GORHAM
STATE PROJECT NUMBER: 40420
FED. PROJECT NUMBER: X-A004(392)
DATE BIDS OPEN: September 22, 2016,
 Route 16 from the northern Intersection with US Route 2 to the Berlin Town Line - 3.7 miles
SCOPE OF WORK: \$1,837,572.60
COMPLETION DATE: September 29, 2017
LOCATION: Coos

Awarded To: PIKE INDUSTRIES, INC.
 3 EASTGATE PARK ROAD
 BELMONT, NH 03220
Certified by: PETER.E.STAMNANAS
Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220 GORMAN GROUP LLC, THE 200 CHURCH STREET, ALBANY NY 12202	\$1,837,572.60	A
	\$1,984,321.00	B

Item No.	Description	Unit	Quantity	P&E		RIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		GORMAN GROUP LLC THE 200 CHURCH STREET ALBANY, NY 12202	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.6	CURB REMOVAL FOR SALVAGE	LF	200,000	\$5.00	\$1,000.00	\$5.00	\$1,000.00	\$1,000.00	\$5.00	\$1,000.00	\$6.00	\$1,200.00
203.1	COMMON EXCAVATION	CY	480,000	\$25.00	\$12,000.00	\$30.00	\$14,400.00	\$14,400.00	\$30.00	\$15,360.00	\$32.00	\$15,360.00
203.601	EMBANKMENT-IN-PLACE	CY	70,000	\$11.00	\$770.00	\$14.00	\$980.00	\$980.00	\$14.00	\$1,890.00	\$27.00	\$1,890.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	40,000	\$60.00	\$2,400.00	\$35.00	\$1,400.00	\$1,400.00	\$35.00	\$3,200.00	\$80.00	\$3,200.00
209.1	GRANULAR BACKFILL	CY	95,000	\$30.00	\$2,850.00	\$45.00	\$4,275.00	\$4,275.00	\$45.00	\$38.00	\$38.00	\$3,610.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,725,000	\$100.00	\$172,500.00	\$115.00	\$198,375.00	\$198,375.00	\$115.00	\$122.00	\$122.00	\$210,450.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	280,000	\$160.00	\$44,800.00	\$125.00	\$35,000.00	\$35,000.00	\$125.00	\$145.00	\$145.00	\$37,700.00
403.6	PAVEMENT JOINT ADHESIVE	LF	14,000,000	\$0.45	\$6,300.00	\$0.40	\$5,600.00	\$5,600.00	\$0.40	\$0.50	\$0.50	\$7,000.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	1,200,000	\$3.50	\$4,200.00	\$1.50	\$1,800.00	\$1,800.00	\$1.50	\$3.00	\$3.00	\$3,600.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	3,000,000	\$4.00	\$12,000.00	\$2.25	\$6,750.00	\$6,750.00	\$2.25	\$6.00	\$6.00	\$18,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	15,400,000	\$3.50	\$53,900.00	\$2.65	\$40,810.00	\$40,810.00	\$2.65	\$4.00	\$4.00	\$61,600.00
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	35,000,000	\$0.85	\$29,750.00	\$1.00	\$35,000.00	\$35,000.00	\$1.00	\$0.75	\$0.75	\$26,250.00
419.1	BONDED WEARING COURSE, TYPE C	TON	5,125,000	\$121.50	\$622,687.50	\$130.00	\$666,250.00	\$666,250.00	\$130.00	\$129.00	\$129.00	\$661,125.00
604.0007	POLYETHYLENE LINER	EA	17,000	\$200.00	\$3,400.00	\$160.00	\$2,720.00	\$2,720.00	\$160.00	\$185.00	\$185.00	\$3,145.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	35,000	\$450.00	\$15,750.00	\$475.00	\$16,625.00	\$16,625.00	\$475.00	\$475.00	\$475.00	\$16,625.00
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	25,000	\$370.00	\$9,250.00	\$475.00	\$11,875.00	\$11,875.00	\$475.00	\$475.00	\$475.00	\$11,875.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1,000	\$450.00	\$450.00	\$475.00	\$475.00	\$475.00	\$475.00	\$475.00	\$475.00	\$475.00
608.1201	2" BITUMINOUS SIDEWALK	SY	470,000	\$17.00	\$7,990.00	\$28.00	\$13,160.00	\$13,160.00	\$28.00	\$40.00	\$40.00	\$18,800.00
608.2401	4" CONCRETE SIDEWALK	SY	70,000	\$50.00	\$3,500.00	\$45.00	\$3,150.00	\$3,150.00	\$45.00	\$133.00	\$133.00	\$9,310.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10,000	\$440.00	\$4,400.00	\$400.00	\$4,000.00	\$4,000.00	\$400.00	\$425.00	\$425.00	\$4,250.00
609.01	STRAIGHT GRANITE CURB	LF	905,000	\$22.00	\$19,910.00	\$35.00	\$31,675.00	\$31,675.00	\$35.00	\$23.50	\$23.50	\$21,267.50
609.02	CURVED GRANITE CURB	LF	30,000	\$40.00	\$1,200.00	\$32.00	\$960.00	\$960.00	\$32.00	\$32.00	\$32.00	\$960.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	600,000	\$19.00	\$11,400.00	\$25.00	\$15,000.00	\$15,000.00	\$25.00	\$23.50	\$23.50	\$14,100.00
609.5	RESET GRANITE CURB	LF	1,330,000	\$9.00	\$11,970.00	\$15.50	\$20,615.00	\$20,615.00	\$15.50	\$13.00	\$13.00	\$17,290.00
609.812	BITUMINOUS CURB, TYPE A	LF	3,400,000	\$8.00	\$27,200.00	\$8.50	\$28,900.00	\$28,900.00	\$8.50	\$13.00	\$13.00	\$44,200.00
614.331	3" STEEL CONDUIT	LF	30,000	\$40.00	\$1,200.00	\$30.00	\$900.00	\$900.00	\$30.00	\$27.00	\$27.00	\$810.00
614.511	CONCRETE PULL BOX 14"	EA	5,000	\$500.00	\$2,500.00	\$625.00	\$3,125.00	\$3,125.00	\$625.00	\$650.00	\$650.00	\$3,250.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	120,000	\$10.00	\$1,200.00	\$16.50	\$1,980.00	\$1,980.00	\$16.50	\$16.00	\$16.00	\$1,920.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	240,000	\$20.00	\$4,800.00	\$35.00	\$8,400.00	\$8,400.00	\$35.00	\$38.00	\$38.00	\$9,120.00
615.0201	TRAFFIC SIGN TYPE B	SF	48,000	\$50.00	\$2,400.00	\$52.00	\$2,496.00	\$2,496.00	\$52.00	\$53.00	\$53.00	\$2,544.00
615.0301	TRAFFIC SIGN TYPE C	SF	415,000	\$45.00	\$18,675.00	\$40.00	\$16,600.00	\$16,600.00	\$40.00	\$53.00	\$53.00	\$21,995.00
615.0601	TRAFFIC SIGN TYPE CC	SF	70,000	\$14.00	\$980.00	\$20.00	\$1,400.00	\$1,400.00	\$20.00	\$16.00	\$16.00	\$1,120.00
615.40301	REMOVING SPAN WIRE SIGN STRUCTURE	U	4,000	\$1,500.00	\$6,000.00	\$3,500.00	\$14,000.00	\$14,000.00	\$3,500.00	\$1,600.00	\$1,600.00	\$6,400.00
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1,000	\$28,000.00	\$28,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$34,000.00	\$34,000.00	\$34,000.00
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	4,000	\$700.00	\$2,800.00	\$450.00	\$1,800.00	\$1,800.00	\$450.00	\$550.00	\$550.00	\$2,200.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6,000	\$1,050.00	\$6,300.00	\$850.00	\$5,100.00	\$5,100.00	\$850.00	\$1,000.00	\$1,000.00	\$6,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	28,000,000	\$1.00	\$28,000.00	\$1.00	\$28,000.00	\$28,000.00	\$1.00	\$1.00	\$1.00	\$28,000.00
618.7	FLAGGERS	HR	1,300,000	\$25.00	\$32,500.00	\$30.00	\$39,000.00	\$39,000.00	\$30.00	\$37.00	\$37.00	\$48,100.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$30,000.00	\$30,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$245,000.00	\$245,000.00	\$245,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$3,500.00	\$7,000.00	\$3,500.00	\$7,000.00	\$7,000.00	\$3,500.00	\$2,500.00	\$2,500.00	\$5,000.00
621.31	SINGLE DELINEATOR WITH POST	EA	82,000	\$40.00	\$3,280.00	\$41.00	\$3,362.00	\$3,362.00	\$41.00	\$35.00	\$35.00	\$2,870.00
621.32	DOUBLE DELINEATOR WITH POST	EA	3,000	\$40.00	\$120.00	\$47.00	\$141.00	\$141.00	\$47.00	\$38.00	\$38.00	\$114.00

Item No.	Description	Unit	Quantity	PS&E		P&E INDUSTRIES, INC.		GORMAN GROUP LLC, THE	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,450,000	\$3.00	\$10,350.00	\$1.50	\$5,175.00	\$3.00	\$10,350.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	210,000,000	\$0.16	\$33,600.00	\$0.13	\$27,300.00	\$0.15	\$31,500.00
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	100,000,000	\$0.12	\$12,000.00	\$0.12	\$12,000.00	\$0.11	\$11,000.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,200,000	\$1.00	\$1,200.00	\$0.58	\$696.00	\$0.80	\$960.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	400,000	\$1.50	\$600.00	\$1.00	\$400.00	\$1.10	\$440.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	330,000	\$2.00	\$660.00	\$1.45	\$478.50	\$1.60	\$528.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	190,000	\$5.00	\$950.00	\$3.39	\$644.10	\$4.25	\$807.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,500,000	\$10.00	\$15,000.00	\$5.50	\$8,250.00	\$8.50	\$12,750.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	60,500,000	\$0.50	\$30,250.00	\$0.28	\$16,940.00	\$0.40	\$24,200.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	200,000	\$3.00	\$600.00	\$0.95	\$190.00	\$1.10	\$220.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	1,500,000	\$2.00	\$3,000.00	\$1.27	\$1,905.00	\$1.60	\$2,400.00
643.21	FERTILIZER FOR REFERTILIZATION	LB	300,000	\$0.60	\$180.00	\$2.25	\$675.00	\$4.00	\$1,200.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,400,000	\$0.60	\$840.00	\$1.05	\$1,470.00	\$2.00	\$2,800.00
847.1	HUMUS	CY	80,000	\$30.00	\$2,400.00	\$120.00	\$9,600.00	\$68.00	\$5,440.00
692.	MOBILIZATION	U	1,000	\$120,000.00	\$120,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$175,000.00
698.13	FIELD OFFICE TYPE C	MON	11,000	\$1,400.00	\$15,400.00	\$1,750.00	\$19,250.00	\$2,000.00	\$22,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,000,000	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000,000	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000,000	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00

Totals: \$1,552,162.50 \$1,837,572.60 \$1,984,321.00

PS&E Comparison

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
202.6	CURB REMOVAL FOR SALVAGE	LF	200.000	\$5.00	\$1,000.00	\$5.00	\$1,000.00	\$0.00
203.1	COMMON EXCAVATION	CY	480.000	\$30.00	\$14,400.00	\$25.00	\$12,000.00	\$2,400.00
203.601	EMBANKMENT-IN-PLACE	CY	70.000	\$14.00	\$980.00	\$11.00	\$770.00	\$210.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	40.000	\$35.00	\$1,400.00	\$60.00	\$2,400.00	(\$1,000.00)
209.1	GRANULAR BACKFILL	CY	95.000	\$45.00	\$4,275.00	\$30.00	\$2,850.00	\$1,425.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,725.000	\$115.00	\$198,375.00	\$100.00	\$172,500.00	\$25,875.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	260.000	\$125.00	\$32,500.00	\$160.00	\$41,600.00	(\$9,100.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	14,000.000	\$0.40	\$5,600.00	\$0.45	\$6,300.00	(\$700.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	1,200.000	\$1.50	\$1,800.00	\$3.50	\$4,200.00	(\$2,400.00)
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	3,000.000	\$2.25	\$6,750.00	\$4.00	\$12,000.00	(\$5,250.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	15,400.000	\$2.65	\$40,810.00	\$3.50	\$53,900.00	(\$13,090.00)
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	35,000.000	\$1.00	\$35,000.00	\$0.85	\$29,750.00	\$5,250.00
419.1	BONDED WEARING COURSE, TYPE C	TON	5,125.000	\$130.00	\$666,250.00	\$121.50	\$622,687.50	\$43,562.50
604.0007	POLYETHYLENE LINER	EA	17.000	\$160.00	\$2,720.00	\$200.00	\$3,400.00	(\$680.00)

Items

604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	35.000	\$475.00	\$16,625.00	\$450.00	\$15,750.00	\$875.00
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	25.000	\$475.00	\$11,875.00	\$370.00	\$9,250.00	\$2,625.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1.000	\$475.00	\$475.00	\$450.00	\$450.00	\$25.00
608.1201	2" BITUMINOUS SIDEWALK	SY	470.000	\$28.00	\$13,160.00	\$17.00	\$7,990.00	\$5,170.00
608.2401	4" CONCRETE SIDEWALK	SY	70.000	\$45.00	\$3,150.00	\$50.00	\$3,500.00	(\$350.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.000	\$400.00	\$4,000.00	\$440.00	\$4,400.00	(\$400.00)
609.01	STRAIGHT GRANITE CURB	LF	905.000	\$35.00	\$31,675.00	\$22.00	\$19,910.00	\$11,765.00
609.02	CURVED GRANITE CURB	LF	30.000	\$32.00	\$960.00	\$40.00	\$1,200.00	(\$240.00)
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	600.000	\$25.00	\$15,000.00	\$19.00	\$11,400.00	\$3,600.00
609.5	RESET GRANITE CURB	LF	1,330.000	\$15.50	\$20,615.00	\$9.00	\$11,970.00	\$8,645.00
609.812	BITUMINOUS CURB, TYPE A	LF	3,400.000	\$8.50	\$28,900.00	\$8.00	\$27,200.00	\$1,700.00
614.331	3" STEEL CONDUIT	LF	30.000	\$30.00	\$900.00	\$40.00	\$1,200.00	(\$300.00)
614.511	CONCRETE PULL BOX 14"	EA	5.000	\$625.00	\$3,125.00	\$500.00	\$2,500.00	\$625.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	120.000	\$16.50	\$1,980.00	\$10.00	\$1,200.00	\$780.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	240.000	\$35.00	\$8,400.00	\$20.00	\$4,800.00	\$3,600.00
615.0201	TRAFFIC SIGN TYPE B	SF	48.000	\$52.00	\$2,496.00	\$50.00	\$2,400.00	\$96.00
615.0301	TRAFFIC SIGN TYPE C	SF	415.000	\$40.00	\$16,600.00	\$45.00	\$18,675.00	(\$2,075.00)
615.0601	TRAFFIC SIGN TYPE CC	SF	70.000	\$20.00	\$1,400.00	\$14.00	\$980.00	\$420.00
615.40301	REMOVING SPAN WIRE SIGN STRUCTURE	U	4.000	\$3,500.00	\$14,000.00	\$1,500.00	\$6,000.00	\$8,000.00
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.000	\$40,000.00	\$40,000.00	\$28,000.00	\$28,000.00	\$12,000.00
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	4.000	\$450.00	\$1,800.00	\$700.00	\$2,800.00	(\$1,000.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.000	\$850.00	\$5,100.00	\$1,050.00	\$6,300.00	(\$1,200.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	28,000.000	\$1.00	\$28,000.00	\$1.00	\$28,000.00	\$0.00

618.7	FLAGGERS	HR	1,300,000	\$30.00	\$39,000.00	\$25.00	\$32,500.00	\$6,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$175,000.00	\$175,000.00	\$30,000.00	\$30,000.00	\$145,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$3,500.00	\$7,000.00	\$3,500.00	\$7,000.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	82,000	\$41.00	\$3,362.00	\$40.00	\$3,280.00	\$82.00
621.32	DOUBLE DELINEATOR WITH POST	EA	3,000	\$47.00	\$141.00	\$40.00	\$120.00	\$21.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,450,000	\$1.50	\$5,175.00	\$3.00	\$10,350.00	(\$5,175.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	210,000,000	\$0.13	\$27,300.00	\$0.16	\$33,600.00	(\$6,300.00)
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	100,000,000	\$0.12	\$12,000.00	\$0.12	\$12,000.00	\$0.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,200,000	\$0.58	\$696.00	\$1.00	\$1,200.00	(\$504.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	400,000	\$1.00	\$400.00	\$1.50	\$600.00	(\$200.00)
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	330,000	\$1.45	\$478.50	\$2.00	\$660.00	(\$181.50)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	190,000	\$3.39	\$644.10	\$5.00	\$950.00	(\$305.90)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,500,000	\$5.50	\$8,250.00	\$10.00	\$15,000.00	(\$6,750.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	60,500,000	\$0.28	\$16,940.00	\$0.50	\$30,250.00	(\$13,310.00)
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	200,000	\$0.95	\$190.00	\$3.00	\$600.00	(\$410.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	1,500,000	\$1.27	\$1,905.00	\$2.00	\$3,000.00	(\$1,095.00)
643.21	FERTILIZER FOR REFERTILIZATION	LB	300,000	\$2.25	\$675.00	\$0.60	\$180.00	\$495.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,400,000	\$1.05	\$1,470.00	\$0.60	\$840.00	\$630.00
647.1	HUMUS	CY	80,000	\$120.00	\$9,600.00	\$30.00	\$2,400.00	\$7,200.00
692.	MOBILIZATION	U	1,000	\$175,000.00	\$175,000.00	\$120,000.00	\$120,000.00	\$55,000.00
698.13	FIELD OFFICE TYPE C	MON	11,000	\$1,750.00	\$19,250.00	\$1,400.00	\$15,400.00	\$3,850.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000,000	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$0.00

1010.15	FUEL ADJUSTMENT	\$	20,000.000	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.000	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00

Total: \$1,837,572.60 \$1,552,162.50 \$285,410.10



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/11/2016

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: Donna Smitala	
	PHONE (A/C, No, Ext): 715-870-6376	FAX (A/C, No): 715-842-6865
E-MAIL ADDRESS: Donna.Smitala @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:		

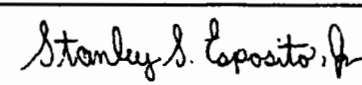
COVERAGES **CERTIFICATE NUMBER:** 32324905 **REVISION NUMBER:**

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 GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>		TB2-C81-004095-116 XCU Coverage Included	9/1/2016	9/1/2017	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> AUTOS ONLY	<input checked="" type="checkbox"/>		AS2-C81-004095-126 AS2-C81-054502-526 Physical Damage only: Comprehensive Ded \$10,000 Collision Ded \$10,000	9/1/2016	9/1/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
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 N/A	WA7-C8D-004095-026 All except OH, ND, WA, WY WC7-C81-004095-016 WI	9/1/2016	9/1/2017	<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: Project: X-A004(392), 40420, Gorham
 State of New Hampshire - D.O.T. is listed as additional insured, where required by written contract.

CERTIFICATE HOLDER Project: X-A004(392), 40420, Gorham State of New Hampshire - D.O.T. PO Box 483 Concord NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE  Stan Esposito
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/13/2016

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: Donna Smitala PHONE (A/C, No, Ext): 715-870-6376 E-MAIL ADDRESS: Donna.Smitala @LibertyMutual.com	FAX (A/C, No): 715-842-6865
	INSURER(S) AFFORDING COVERAGE	
INSURED Pike Industries, Inc. 3 Eastgate Park Road Belmont NH 03220	INSURER A: Liberty Mutual Fire Insurance Company NAIC # 23035	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES **CERTIFICATE NUMBER:** 32358761 **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
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			TL2-681-054523-926	9/1/2016	9/1/2017	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 Products/Completed Ops \$ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Gorham X-A004(392), 40420
State of New Hampshire - DOT is listed as additional insured with regards to general liability, automobile and excess liability, where required by written contract.

CERTIFICATE HOLDER RE: Gorham X-A004(392), 40420 State of New Hampshire - DOT PO Box 483 Concord NH 03220	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Stan Esposito
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OWNERS AND CONTRACTORS PROTECTIVE
LIABILITY DECLARATIONS



Issued by Liberty Mutual Fire Insurance Company

Policy Number TF2-681-054545-216
Renewal of New
Account Number 8-036771

Issuing Office Bala Cynwyd, PA
Issue Date 2016-10-12
Sub Account 0000

Named Insured and Mailing Address
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 10/19/2016 to 10/19/2017 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: Gorham X-A004(392), 40420

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 Casualty Advisory Representative
3560 Lenox Rd., Ste 2400
Atlanta, GA 30326

Producer
Blickle K 9931
Bala Cynwyd, PA 390

Countersigned By:

Authorized Representative