



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Beant 36

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
November 1, 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 \$5,228,408.16 for rehabilitating existing pavement along seven roadway segments in the central region, and for signal upgrades and modifications to improve safety along NH 106 from NH Route 9 through the I-393 interchanges, from the date of Governor and Council approval through November 3, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:
04-96-96-963515-3054
Consolidated Federal Aid
400-500870 Highway Contract Payments \$5,228,408.16

2. Further authorize that a contingency in the amount of \$522,840.82 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:
04-96-96-963515-3054
Consolidated Federal Aid
400-500870 Highway Contract Payments \$522,840.82

EXPLANATION

The Statewide project 40870 is part of the State's Ten Year Plan under the Programmatic Pavement Resurfacing/Rehabilitation and Crack Seal Program and the Concord 24921 is part of the Highway Safety Improvement Program. The Statewide 40870 project will resurface six Tier 2 and one Tier 3 (Concord, NH 9) roadway segments in the central region, including: Alton-New Durham, NH 11: From the pavement joint east of the Alton Traffic Circle, easterly 6.1 miles to the pavement joint at the New Durham/Farmington Town Line. Farmington, NH 11: From the New Durham/ Farmington town line, easterly 3.9 miles to NH 153. Concord, NH 106: From 100-feet south of Continental's Driveway, northerly 0.8 miles, over the I-393 interchange, to the pavement joint just north of Autumn Drive. Concord, NH 9: From the intersection of NH 106, easterly 1.1 miles to the intersection with I-393/US 4/US 202. Epsom, US 4: From the pavement joint approximately 0.1 miles east of Ridgewood Circle, easterly 2.5 miles to the pavement joint west of NH 107. Hopkinton, US 202: From Putney Hill Road easterly 2.3 miles to the pavement joint at Garrison Lane. This work includes the connector ramps at Hawthorne Road, New Cemetery Road, and the I-89 Exit 4 westbound connector ramp.

**Tilton, US 3:** From just north of Grant Street, northerly 1.5 miles to the Tilton Park and Ride. Other work includes guardrail and end unit adjustments and replacements, frame and grate adjustments, and installing underdrain in Epsom. Sidewalk ramps in Tilton and Hopkinton will also be constructed to meet ADA compliance. Additionally, in Alton-New Durham, two rock protrusions are located within the clear zone, these areas will be machine rock split and leveled into the slopes.

The Concord 24921 project is a signal improvement project which includes modifying the intersection lane use at the NH 9/NH 106 intersection, constructing two new mast arms and foundations at the I-393 EB/NH 106 and I-393 WB/NH 106 interchanges. Additionally all three signalized intersections will be coordinated and vehicle detection cameras, radar sensor for dilemma zone detection, spread spectrum radio communications, and new signal heads including new signal wires will be installed.

STATEWIDE 40870: This project is part of the annual Tier 2 Preventative Maintenance and Preservation Program and its primary focus is to rehabilitate the existing pavement along the seven roadway segments to keep them in preservation mode.

CONCORD 24921: This project is part of the annual Highway Safety Improvement Program (HSIP) and its primary focus is to improve safety along NH Route 106 from NH Route 9 through the I-393 interchanges by making signal upgrades and modifications.

The proposed contingency amount is 10% 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. This project includes seven separate project locations with various construction activities at each, requiring the contractor to mobilize multiple times to construct the various segments.

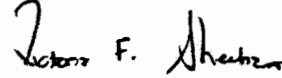
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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.

STATEWIDE 40870: 80% (Federal Resurfacing) with 20% Turnpike Toll Credits (TTC). This project funding is 80% federal with 20% state match. Turnpike Toll Credit is being utilized for match requirements, effectively using 100% funds.

CONCORD 24921: 90% Highway Safety Improvement Program (HSIP) with 10% Turnpike Toll Credits (TTC). This project funding is 90% federal with 10% state match. Turnpike Toll Credit is being utilized for match requirements, effectively using 100%.

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: \$5,345,491.00  
Contract Amount: \$5,228,408.16  
Under Estimate: \$ 117,082.84

Attachments

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This contract comprises two projects as described below.

**STATEWIDE 40870:** This project will resurface six Tier 2 and one Tier 3 (Concord, NH 9) roadway segments in the central region, including: **Alton-New Durham, NH 11:** From the pavement joint east of the Alton Traffic Circle, easterly 6.1 miles to the pavement joint at the New Durham/Farmington Town Line. **Farmington, NH 11:** From the New Durham/Farmington town line, easterly 3.9 miles to NH 153. **Concord, NH 106:** From 100-feet south of Continental's Driveway, northerly 0.8 miles, over the I-393 interchange, to the pavement joint just north of Autumn Drive. **Concord, NH 9:** From the intersection of NH 106, easterly 1.1 miles to the intersection with I-393/US 4/US 202. **Epsom, US 4:** From the pavement joint approximately 0.1 miles east of Ridgewood Circle, easterly 2.5 miles to the pavement joint west of NH 107. **Hopkinton, US 202:** From Putney Hill Road easterly 2.3 miles to the pavement joint at Garrison Lane. This work includes the connector ramps at Hawthorne Road, New Cemetery Road, and the I-89 Exit 4 westbound connector ramp. **Tilton, US 3:** From just north of Grant Street, northerly 1.5 miles to the Tilton Park and Ride. Other work includes guardrail and end unit adjustments and replacements, frame and grate adjustments, and installing underdrain in Epsom. Sidewalk ramps in Tilton and Hopkinton will also be constructed to meet ADA compliance. Additionally, in Alton-New Durham, two rock protrusions are located within the clear zone, these areas will be machine rock split and leveled into the slopes.

**CONCORD 24921:** This is a signal improvement project which includes modifying the intersection lane use at the NH 9/NH 106 intersection, constructing two new mast arms and foundations at the I-393 EB/NH 106 and I-393 WB/NH 106 interchanges. Additionally all three signalized intersections will be coordinated and vehicle detection cameras, radar sensor for dilemma zone detection, spread spectrum radio communications, and new signal heads including new signal wires will be installed.

### FEDERAL FUNDING:

**STATEWIDE 40870:** 80% (Federal Resurfacing) with 20% Turnpike Toll Credits (TTC).

**CONCORD 24921:** 90% Highway Safety Improvement Program (HSIP) with 10% Turnpike Toll Credits (TTC).

**CONTINGENCY: STATEWIDE 40870 & CONCORD 24921:** The proposed contingency amount is 10% 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. This project includes seven separate project locations with various construction activities at each, requiring the contractor to mobilize multiple times to construct the various segments.

### PROJECT INITIATED:

**STATEWIDE 40870:** State's 10-Year Plan - Programmatic Pavement Resurfacing/Rehabilitation & Crack Seal (PRRCS).

**CONCORD 24921:** Highway Safety Improvement Program (HSIP).

### PROJECT EXPLANATION:

**STATEWIDE 40870:** This project is part of the annual Tier 2 Preventative Maintenance and Preservation Program and its primary focus is to rehabilitate the existing pavement along the seven roadway segments to keep them in preservation mode.

**CONCORD 24921:** This project is part of the annual Highway Safety Improvement Program (HSIP) and its primary focus is to improve safety along NH Route 106 from NH Route 9 through the I-393 interchanges by making signal upgrades and modifications.

### TRAFFIC IMPLICATIONS:

**STATEWIDE 40870:** This project will use alternating one-lane, two-way traffic where necessary during construction hours, supplemented with flaggers or uniformed officers with vehicle. Traffic will return to two lanes during non-construction hours. Due to the high daytime traffic volumes, night work is anticipated to complete pavement operations on the Tilton – US 3, Epsom – US 4, Concord – NH 106, and Concord – NH 9 segments. There are sidewalks within the Hopkinton – US 202 and Tilton – US 3 segments where ADA ramps will be constructed. Pedestrian traffic will be maintained at all times in areas of existing sidewalks.

**CONCORD 24921:** Lane closures will be required for all overhead signal work. Lane closures will take place at night. During construction operations where signals are not operational, uniformed officers with vehicles will be utilized to direct traffic through the intersections.

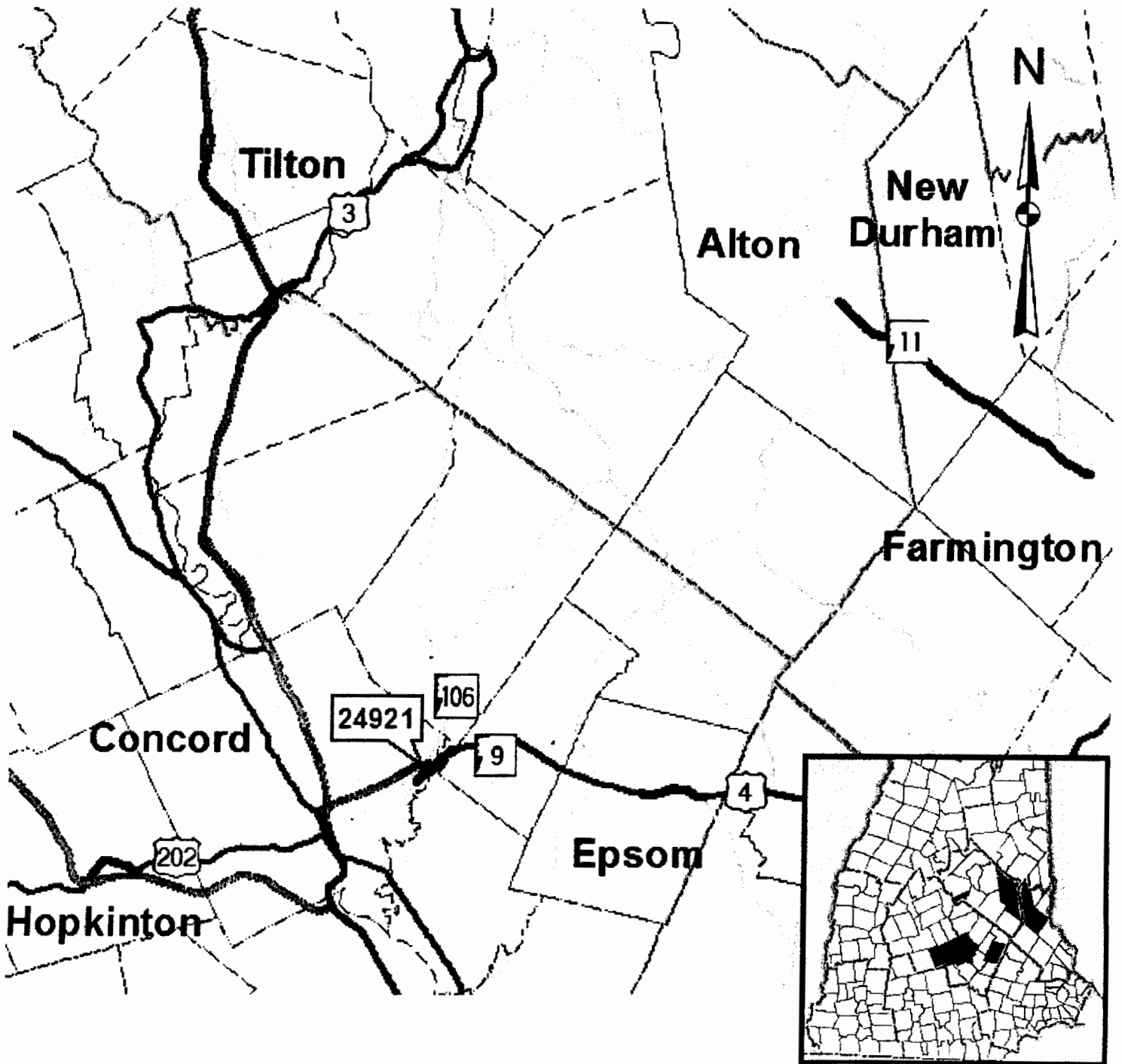
### INTERMEDIATE COMPLETION DATES:

**Statewide 40870 Segments – Concord (17510) – NH 106 and Concord (17524) – NH 9:** All cold planing, paving, and pavement marking operations shall be completed between 07/19/2017 and 09/01/2017 (NASCAR race events).

**Concord 24921 Portion:** May 19, 2017

**FINAL COMPLETION DATE:** November 3, 2017

# 40870 - ALL LOCATIONS





# ABC Bid Data

STATEWIDE, CONCORD  
40870, 24921  
X-A004(512), X-A003(000)

**PROJECT:** STATEWIDE, CONCORD  
**STATE PROJECT NUMBER:** 40870, 24921  
**FED. PROJECT NUMBER:** X-A004(512), X-A003(000)  
**DATE BIDS OPEN:** October 19, 2016, 2:00  
**SCOPE OF WORK:** Tier 2 Preventative Maintenance and Preservation Paving in Central region.  
**COMPLETION DATE:** November 03, 2017  
**LOCATION:** Merrimack

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

**Amount:** \$5,228,408.16  
**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	\$5,228,408.16	A
CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$5,375,873.75	B

Item No.	Description	Unit	Quantity	PS&E		PME INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	60,000	\$5.00	\$300.00	\$2.00	\$120.00	\$50.00	\$3,000.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60,000	\$5.00	\$300.00	\$3.50	\$210.00	\$50.00	\$3,000.00
202.7	REMOVAL OF GUARDRAIL	LF	6,200,000	\$2.00	\$12,400.00	\$1.00	\$6,200.00	\$1.50	\$9,300.00
202.843	REMOVAL OF LIGHT POLE	U	3,000	\$800.00	\$2,400.00	\$1,200.00	\$3,600.00	\$1,250.00	\$3,750.00
203.1	COMMON EXCAVATION	CY	110,000	\$18.00	\$1,980.00	\$100.00	\$11,000.00	\$50.00	\$5,500.00
203.5554	GUARDRAIL EAGRT PLATFORM, TL 3	U	7,000	\$1,195.00	\$8,365.00	\$1,000.00	\$7,000.00	\$1,000.00	\$7,000.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	5,000	\$1,120.00	\$5,600.00	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	4,000	\$980.00	\$3,920.00	\$750.00	\$3,000.00	\$1,000.00	\$4,000.00
203.601	EMBANKMENT-IN-PLACE	CY	10,000	\$30.00	\$300.00	\$50.00	\$500.00	\$50.00	\$500.00
203.92	ROCK SCALING - MACHINE METHOD	HR	16,000	\$640.00	\$10,240.00	\$750.00	\$12,000.00	\$500.00	\$8,000.00
206.1	COMMON STRUCTURE EXCAVATION	CY	10,000	\$29.00	\$290.00	\$50.00	\$500.00	\$50.00	\$500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	40,000	\$55.00	\$2,200.00	\$50.00	\$2,000.00	\$75.00	\$3,000.00
304.301	CRUSHED GRAVEL	CY	190,000	\$45.00	\$8,550.00	\$50.00	\$9,500.00	\$35.00	\$6,650.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,340,000	\$30.00	\$40,200.00	\$25.00	\$33,500.00	\$20.00	\$26,800.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	9,500,000	\$70.00	\$665,000.00	\$63.00	\$598,500.00	\$60.00	\$570,000.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	11,550,000	\$65.00	\$750,750.00	\$65.50	\$756,525.00	\$62.50	\$721,875.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	360,000	\$94.00	\$33,840.00	\$67.00	\$24,120.00	\$70.00	\$25,200.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	11,100,000	\$76.00	\$843,600.00	\$67.00	\$743,700.00	\$72.00	\$799,200.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	940,000	\$112.00	\$105,280.00	\$95.00	\$89,300.00	\$115.00	\$108,100.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	33,150,000	\$1.70	\$56,355.00	\$2.00	\$66,300.00	\$1.25	\$41,437.50
403.6	PAVEMENT JOINT ADHESIVE	LF	295,550,000	\$0.25	\$73,887.50	\$0.23	\$67,976.50	\$0.22	\$65,021.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	20,100,000	\$3.80	\$76,380.00	\$2.50	\$50,250.00	\$4.00	\$80,400.00
411.473	PLANT MIX SURFACE TREATMENT (MODIFIED ASPHALT CEMENT) NO. 4	TON	750,000	\$74.00	\$55,500.00	\$75.00	\$56,250.00	\$80.00	\$60,000.00
413.1	HOT-POURED CRACK SEALANT	LB	3,700,000	\$2.50	\$9,250.00	\$2.65	\$9,805.00	\$2.75	\$10,175.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	4,400,000	\$3.50	\$15,400.00	\$2.15	\$9,460.00	\$2.25	\$9,900.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	271,800,000	\$2.00	\$543,600.00	\$1.30	\$353,340.00	\$1.75	\$475,650.00
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	41,600,000	\$1.00	\$41,600.00	\$0.50	\$20,800.00	\$1.25	\$52,000.00
419.1	BONDED WEARING COURSE, TYPE C	TON	2,850,000	\$115.00	\$327,750.00	\$115.00	\$327,750.00	\$110.00	\$313,500.00
520.1	CONCRETE CLASS A	CY	1,000	\$900.00	\$900.00	\$775.00	\$775.00	\$1,000.00	\$1,000.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	400,000	\$127.00	\$50,800.00	\$90.00	\$36,000.00	\$91.00	\$36,400.00
563.301	BRIDGE RAIL T101 (MODIFIED)	LF	110,000	\$100.00	\$11,000.00	\$95.00	\$10,450.00	\$100.00	\$11,000.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	7,000	\$685.00	\$4,655.00	\$350.00	\$2,450.00	\$450.00	\$3,150.00
585.3	STONE FILL, CLASS C	CY	10,000	\$60.00	\$600.00	\$53.50	\$535.00	\$35.00	\$350.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	30,000	\$4.20	\$1,260.00	\$2.25	\$67.50	\$5.00	\$150.00
604.0007	POLYETHYLENE LINER	EA	60,000	\$125.00	\$7,500.00	\$150.00	\$9,000.00	\$125.00	\$7,500.00
604.242	DROP INLETS TYPE D-B	U	1,000	\$1,750.00	\$1,750.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	78,000	\$350.00	\$27,300.00	\$440.00	\$34,320.00	\$400.00	\$31,200.00
604.40092	MODIFY EXISTING BARREL BLOCK CATCH BASINS W/ ECCENTRIC CONE	LF	20,000	\$300.00	\$6,000.00	\$440.00	\$8,800.00	\$1,000.00	\$20,000.00
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2,000	\$442.00	\$884.00	\$440.00	\$880.00	\$400.00	\$800.00

Item No.	Description	Unit	Quantity	PS&E		PIPE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03055	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
604.52	RECONS TRUCING/ADJUSTING DRAINAGE MANHOLES	LF	5,000	\$450.00	\$2,250.00	\$440.00	\$2,200.00	\$400.00	\$2,000.00
604.6	MANHOLE COVERS & FRAMES	EA	1,000	\$650.00	\$650.00	\$550.00	\$550.00	\$600.00	\$600.00
604.72	GRATES & FRAMES, TYPE B	EA	17,000	\$480.00	\$8,160.00	\$400.00	\$6,800.00	\$700.00	\$11,900.00
604.76	GRATES & FRAMES, TYPE F	EA	1,000	\$760.00	\$760.00	\$600.00	\$600.00	\$900.00	\$900.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	7,000	\$1,300.00	\$9,100.00	\$550.00	\$3,850.00	\$900.00	\$6,300.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	1,950,000	\$18.00	\$35,100.00	\$18.50	\$36,075.00	\$20.00	\$39,000.00
606.79	UNDERDRAIN FLUSHING BASINS	EA	6,000	\$450.00	\$2,700.00	\$650.00	\$3,900.00	\$500.00	\$3,000.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	700,000	\$8.00	\$5,600.00	\$6.95	\$4,865.00	\$8.00	\$5,600.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	85,000	\$60.00	\$5,100.00	\$48.00	\$4,080.00	\$55.00	\$4,675.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	65,000	\$10.00	\$650.00	\$14.25	\$1,211.25	\$15.00	\$1,275.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3)	U	12,000	\$2,000.00	\$24,000.00	\$2,000.00	\$24,000.00	\$2,100.00	\$25,200.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2)	U	4,000	\$1,850.00	\$7,400.00	\$1,900.00	\$7,600.00	\$2,100.00	\$8,400.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	9,000	\$3,250.00	\$29,250.00	\$3,300.00	\$29,700.00	\$2,750.00	\$24,750.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	4,700,000	\$17.00	\$79,900.00	\$17.00	\$79,900.00	\$19.00	\$89,300.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	2,000	\$1,150.00	\$2,300.00	\$1,450.00	\$2,900.00	\$900.00	\$1,800.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	3,000	\$1,150.00	\$3,450.00	\$1,450.00	\$4,350.00	\$900.00	\$2,700.00
606.914	RESETTING TERMINAL UNIT	U	11,000	\$1,050.00	\$11,550.00	\$250.00	\$2,750.00	\$800.00	\$8,800.00
606.91451	RESETTING TERMINAL UNIT (TYPE MELT)	U	2,000	\$1,050.00	\$2,100.00	\$500.00	\$1,000.00	\$800.00	\$1,600.00
606.91485	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 2)	U	1,000	\$1,050.00	\$1,050.00	\$500.00	\$500.00	\$900.00	\$900.00
606.915	RESETTING GUARDRAIL BLOCK AND RAIL ONLY	LF	8,300,000	\$5.00	\$41,500.00	\$5.00	\$41,500.00	\$6.00	\$49,800.00
608.2401	4" CONCRETE SIDEWALK	SY	190,000	\$45.00	\$8,550.00	\$48.00	\$9,120.00	\$40.00	\$7,600.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	25,000	\$400.00	\$10,000.00	\$400.00	\$10,000.00	\$450.00	\$11,250.00
609.01	STRAIGHT GRANITE CURB	LF	75,000	\$34.00	\$2,550.00	\$24.75	\$1,856.25	\$50.00	\$3,750.00
609.02	CURVED GRANITE CURB	LF	49,000	\$49.00	\$2,401.00	\$34.00	\$1,666.00	\$50.00	\$2,450.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	60,000	\$19.00	\$1,140.00	\$21.25	\$1,275.00	\$50.00	\$3,000.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	55,000	\$19.00	\$1,045.00	\$21.25	\$1,168.75	\$75.00	\$4,125.00
609.5	RESET GRANITE CURB	LF	440,000	\$13.00	\$5,720.00	\$12.00	\$5,280.00	\$25.00	\$11,000.00
614.511	CONCRETE PULL BOX 14"	EA	1,000	\$590.00	\$590.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
615.0301	TRAFFIC SIGN TYPE C	SF	34,000	\$59.00	\$2,006.00	\$38.00	\$1,292.00	\$42.00	\$1,428.00
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	18,000	\$130.00	\$2,340.00	\$138.00	\$2,484.00	\$145.00	\$2,610.00
615.0401	TRAFFIC SIGN TYPE AA	SF	330,000	\$19.00	\$6,270.00	\$47.00	\$15,510.00	\$50.00	\$16,500.00
615.043	REMOVING TRAFFIC SIGN TYPE AA	U	4,000	\$360.00	\$1,440.00	\$750.00	\$3,000.00	\$750.00	\$3,000.00
615.0601	TRAFFIC SIGN TYPE CC	SF	10,840	\$25.00	\$273.50	\$14.00	\$153.16	\$25.00	\$273.50
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1,000	\$46,000.00	\$46,000.00	\$85,000.00	\$85,000.00	\$80,000.00	\$80,000.00
616.192	ALTERATIONS TO TRAFFIC SIGNALS	U	1,000	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00	\$72,000.00	\$72,000.00
616.193	ALTERATIONS TO TRAFFIC SIGNALS	U	1,000	\$41,000.00	\$41,000.00	\$85,000.00	\$85,000.00	\$80,000.00	\$80,000.00
616.35	SPREAD SPECTRUM RADIO COMMUNICATIONS SYSTEM	U	1,000	\$5,600.00	\$5,600.00	\$17,500.00	\$17,500.00	\$17,500.00	\$17,500.00
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	6,000	\$350.00	\$2,100.00	\$500.00	\$3,000.00	\$750.00	\$4,500.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 60 FT	EA	38,000	\$850.00	\$32,300.00	\$900.00	\$34,200.00	\$1,050.00	\$39,900.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	60,000,000	\$1.00	\$60,000.00	\$1.00	\$60,000.00	\$1.00	\$60,000.00
618.7	FLAGGERS	HR	4,500,000	\$25.00	\$112,500.00	\$28.00	\$126,000.00	\$25.00	\$112,500.00



Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONERRY, NH 03653	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$130,000.00	\$130,000.00	\$225,000.00	\$225,000.00	\$200,000.00	\$200,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	7,000	\$4,920.00	\$34,440.00	\$3,600.00	\$25,200.00	\$2,500.00	\$17,500.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4,000	\$3,520.00	\$14,080.00	\$3,700.00	\$14,800.00	\$2,500.00	\$10,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	270,000	\$4.50	\$1,215.00	\$4.00	\$1,080.00	\$5.00	\$1,350.00
621.31	SINGLE DELINEATOR WITH POST	EA	850,000	\$32.00	\$27,200.00	\$36.00	\$30,600.00	\$37.00	\$31,450.00
621.32	DOUBLE DELINEATOR WITH POST	EA	13,000	\$38.00	\$494.00	\$40.00	\$520.00	\$40.00	\$520.00
622.1	STEEL WITNESS MARKERS	EA	10,000	\$30.00	\$300.00	\$28.00	\$280.00	\$30.00	\$300.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,830,000	\$2.00	\$3,660.00	\$2.00	\$3,660.00	\$2.00	\$3,660.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	814,300,000	\$0.15	\$122,145.00	\$0.12	\$97,716.00	\$0.12	\$97,716.00
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	21,700,000	\$0.12	\$2,604.00	\$0.20	\$4,340.00	\$0.21	\$4,557.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	11,045,000	\$0.60	\$6,627.00	\$0.75	\$8,283.75	\$0.80	\$8,836.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	650,000	\$1.30	\$845.00	\$1.00	\$650.00	\$1.10	\$715.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,300,000	\$1.60	\$2,080.00	\$1.50	\$1,950.00	\$1.60	\$2,080.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	65,000	\$4.00	\$260.00	\$2.00	\$130.00	\$2.00	\$130.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	545,000	\$3.30	\$1,798.50	\$4.00	\$2,180.00	\$4.00	\$2,180.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	2,755,000	\$7.00	\$19,285.00	\$7.00	\$19,285.00	\$7.25	\$19,973.75
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	47,065,000	\$0.30	\$14,119.50	\$0.35	\$16,472.75	\$0.40	\$18,826.00
632.912	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	LF	165,000	\$2.40	\$396.00	\$2.00	\$330.00	\$2.00	\$330.00
645.3	EROSION STONE	TON	30,000	\$35.00	\$1,050.00	\$48.50	\$1,455.00	\$50.00	\$1,500.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	600,000	\$6.10	\$3,660.00	\$5.00	\$3,000.00	\$5.00	\$3,000.00
645.531	SILT FENCE	LF	600,000	\$3.00	\$1,800.00	\$3.00	\$1,800.00	\$5.00	\$3,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,105,000	\$3.00	\$9,315.00	\$1.25	\$3,881.25	\$1.00	\$3,105.00
647.1	HUMUS	CY	260,000	\$22.00	\$5,720.00	\$40.00	\$10,400.00	\$25.00	\$6,500.00
677.415	CCTV SYSTEM WITHOUT POLE	U	1,000	\$7,000.00	\$7,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00
692.	MOBILIZATION	U	1,000	\$170,000.00	\$170,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	70,000,000	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000,000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	120,000,000	\$1.00	\$120,000.00	\$1.00	\$120,000.00	\$1.00	\$120,000.00

Totals: \$5,345,491.00 \$5,228,408.16 \$5,375,873.75



# PS&E Comparison

STATEWIDE, CONCORD  
40870, 24921  
X-A004(512), X-A003(000)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	60.000	\$2.00	\$120.00	\$5.00	\$300.00	(\$180.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60.000	\$3.50	\$210.00	\$5.00	\$300.00	(\$90.00)
202.7	REMOVAL OF GUARDRAIL	LF	6,200.000	\$1.00	\$6,200.00	\$2.00	\$12,400.00	(\$6,200.00)
202.843	REMOVAL OF LIGHT POLE	U	3.000	\$1,200.00	\$3,600.00	\$800.00	\$2,400.00	\$1,200.00
203.1	COMMON EXCAVATION	CY	110.000	\$100.00	\$11,000.00	\$18.00	\$1,980.00	\$9,020.00
203.5554	GUARDRAIL EAGRT PLATFORM, TL 3	U	7.000	\$1,000.00	\$7,000.00	\$1,195.00	\$8,365.00	(\$1,365.00)
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	5.000	\$1,000.00	\$5,000.00	\$1,120.00	\$5,600.00	(\$600.00)
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	4.000	\$750.00	\$3,000.00	\$980.00	\$3,920.00	(\$920.00)
203.601	EMBANKMENT-IN-PLACE	CY	10.000	\$50.00	\$500.00	\$30.00	\$300.00	\$200.00
203.92	ROCK SCALING - MACHINE METHOD	HR	16.000	\$750.00	\$12,000.00	\$640.00	\$10,240.00	\$1,760.00
206.1	COMMON STRUCTURE EXCAVATION	CY	10.000	\$50.00	\$500.00	\$29.00	\$290.00	\$210.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	40.000	\$50.00	\$2,000.00	\$55.00	\$2,200.00	(\$200.00)
304.301	CRUSHED GRAVEL	CY	190.000	\$50.00	\$9,500.00	\$45.00	\$8,550.00	\$950.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,340.000	\$25.00	\$33,500.00	\$30.00	\$40,200.00	(\$6,700.00)
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	9,500.000	\$63.00	\$598,500.00	\$70.00	\$665,000.00	(\$66,500.00)

## Items

403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	11,550,000	\$65.50	\$756,525.00	\$65.00	\$750,750.00	\$5,775.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	360,000	\$67.00	\$24,120.00	\$94.00	\$33,840.00	(\$9,720.00)
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	11,100,000	\$67.00	\$743,700.00	\$76.00	\$843,600.00	(\$99,900.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	940,000	\$95.00	\$89,300.00	\$112.00	\$105,280.00	(\$15,980.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	33,150,000	\$2.00	\$66,300.00	\$1.70	\$56,355.00	\$9,945.00
403.6	PAVEMENT JOINT ADHESIVE	LF	295,550,000	\$0.23	\$67,976.50	\$0.25	\$73,887.50	(\$5,911.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	20,100,000	\$2.50	\$50,250.00	\$3.80	\$76,380.00	(\$26,130.00)
411.473	PLANT MIX SURFACE TREATMENT (MODIFIED ASPHALT CEMENT) NO. 4	TON	750,000	\$75.00	\$56,250.00	\$74.00	\$55,500.00	\$750.00
413.1	HOT-POURED CRACK SEALANT	LB	3,700,000	\$2.65	\$9,805.00	\$2.50	\$9,250.00	\$555.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	4,400,000	\$2.15	\$9,460.00	\$3.50	\$15,400.00	(\$5,940.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	271,800,000	\$1.30	\$353,340.00	\$2.00	\$543,600.00	(\$190,260.00)
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	41,600,000	\$0.50	\$20,800.00	\$1.00	\$41,600.00	(\$20,800.00)
419.1	BONDED WEARING COURSE, TYPE C	TON	2,850,000	\$115.00	\$327,750.00	\$115.00	\$327,750.00	\$0.00
520.1	CONCRETE CLASS A	CY	1,000	\$775.00	\$775.00	\$900.00	\$900.00	(\$125.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	400,000	\$90.00	\$36,000.00	\$127.00	\$50,800.00	(\$14,800.00)
563.301	BRIDGE RAIL T101 (MODIFIED)	LF	110,000	\$95.00	\$10,450.00	\$100.00	\$11,000.00	(\$550.00)
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	7,000	\$350.00	\$2,450.00	\$665.00	\$4,655.00	(\$2,205.00)
585.3	STONE FILL, CLASS C	CY	10,000	\$53.50	\$535.00	\$60.00	\$600.00	(\$65.00)
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	30,000	\$2.25	\$67.50	\$4.20	\$126.00	(\$58.50)
604.0007	POLYETHYLENE LINER	EA	60,000	\$150.00	\$9,000.00	\$125.00	\$7,500.00	\$1,500.00
604.242	DROP INLETS TYPE D-B	U	1,000	\$1,800.00	\$1,800.00	\$1,750.00	\$1,750.00	\$50.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	78,000	\$440.00	\$34,320.00	\$350.00	\$27,300.00	\$7,020.00

604.40092	MODIFY EXISTING BARREL BLOCK CATCH BASINS W/ ECCENTRIC CONE	LF	20.000	\$440.00	\$8,800.00	\$300.00	\$6,000.00	\$2,800.00
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2.000	\$440.00	\$880.00	\$442.00	\$884.00	(\$4.00)
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	5.000	\$440.00	\$2,200.00	\$450.00	\$2,250.00	(\$50.00)
604.6	MANHOLE COVERS & FRAMES	EA	1.000	\$550.00	\$550.00	\$650.00	\$650.00	(\$100.00)
604.72	GRATES & FRAMES, TYPE B	EA	17.000	\$400.00	\$6,800.00	\$480.00	\$8,160.00	(\$1,360.00)
604.76	GRATES & FRAMES, TYPE F	EA	1.000	\$600.00	\$600.00	\$760.00	\$760.00	(\$160.00)
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	7.000	\$550.00	\$3,850.00	\$1,300.00	\$9,100.00	(\$5,250.00)
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	1,950.000	\$18.50	\$36,075.00	\$18.00	\$35,100.00	\$975.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	6.000	\$650.00	\$3,900.00	\$450.00	\$2,700.00	\$1,200.00
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	700.000	\$6.95	\$4,865.00	\$8.00	\$5,600.00	(\$735.00)
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	85.000	\$48.00	\$4,080.00	\$60.00	\$5,100.00	(\$1,020.00)
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	85.000	\$14.25	\$1,211.25	\$10.00	\$850.00	\$361.25
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	12.000	\$2,000.00	\$24,000.00	\$2,000.00	\$24,000.00	\$0.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	4.000	\$1,900.00	\$7,600.00	\$1,850.00	\$7,400.00	\$200.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	9.000	\$3,300.00	\$29,700.00	\$3,250.00	\$29,250.00	\$450.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	4,700.000	\$17.00	\$79,900.00	\$17.00	\$79,900.00	\$0.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	2.000	\$1,450.00	\$2,900.00	\$1,150.00	\$2,300.00	\$600.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	3.000	\$1,450.00	\$4,350.00	\$1,150.00	\$3,450.00	\$900.00
606.914	RESETTING TERMINAL UNIT	U	11.000	\$250.00	\$2,750.00	\$1,050.00	\$11,550.00	(\$8,800.00)
606.91451	RESETTING TERMINAL UNIT (TYPE MELT)	U	2.000	\$500.00	\$1,000.00	\$1,050.00	\$2,100.00	(\$1,100.00)
606.91455	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 2)	U	1.000	\$500.00	\$500.00	\$1,050.00	\$1,050.00	(\$550.00)

606.915	RESETTING GUARDRAIL BLOCK AND RAIL ONLY	LF	8,300.000	\$5.00	\$41,500.00	\$6.00	\$49,800.00	\$6.00	\$49,800.00	(\$8,300.00)
608.2401	4" CONCRETE SIDEWALK	SY	190.000	\$48.00	\$9,120.00	\$45.00	\$8,550.00	\$45.00	\$8,550.00	\$570.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	25.000	\$400.00	\$10,000.00	\$400.00	\$10,000.00	\$400.00	\$10,000.00	\$0.00
609.01	STRAIGHT GRANITE CURB	LF	75.000	\$24.75	\$1,856.25	\$34.00	\$2,550.00	\$34.00	\$2,550.00	(\$693.75)
609.02	CURVED GRANITE CURB	LF	10.000	\$34.00	\$340.00	\$49.00	\$490.00	\$49.00	\$490.00	(\$150.00)
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	60.000	\$21.25	\$1,275.00	\$19.00	\$1,140.00	\$19.00	\$1,140.00	\$135.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	55.000	\$21.25	\$1,168.75	\$19.00	\$1,045.00	\$19.00	\$1,045.00	\$123.75
609.5	RESET GRANITE CURB	LF	440.000	\$12.00	\$5,280.00	\$13.00	\$5,720.00	\$13.00	\$5,720.00	(\$440.00)
614.511	CONCRETE PULL BOX 14"	EA	1.000	\$1,000.00	\$1,000.00	\$590.00	\$590.00	\$590.00	\$590.00	\$410.00
615.0301	TRAFFIC SIGN TYPE C	SF	34.000	\$38.00	\$1,292.00	\$59.00	\$2,006.00	\$59.00	\$2,006.00	(\$714.00)
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	18.000	\$138.00	\$2,484.00	\$130.00	\$2,340.00	\$130.00	\$2,340.00	\$144.00
615.0401	TRAFFIC SIGN TYPE AA	SF	330.000	\$47.00	\$15,510.00	\$19.00	\$6,270.00	\$19.00	\$6,270.00	\$9,240.00
615.043	REMOVING TRAFFIC SIGN TYPE AA	U	4.000	\$750.00	\$3,000.00	\$360.00	\$1,440.00	\$360.00	\$1,440.00	\$1,560.00
615.0601	TRAFFIC SIGN TYPE CC	SF	10.940	\$14.00	\$153.16	\$25.00	\$273.50	\$25.00	\$273.50	(\$120.34)
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.000	\$85,000.00	\$85,000.00	\$46,000.00	\$46,000.00	\$46,000.00	\$46,000.00	\$39,000.00
616.192	ALTERATIONS TO TRAFFIC SIGNALS	U	1.000	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$40,000.00
616.193	ALTERATIONS TO TRAFFIC SIGNALS	U	1.000	\$85,000.00	\$85,000.00	\$41,000.00	\$41,000.00	\$41,000.00	\$41,000.00	\$44,000.00
616.35	SPREAD SPECTRUM RADIO COMMUNICATIONS SYSTEM	U	1.000	\$17,500.00	\$17,500.00	\$5,600.00	\$5,600.00	\$5,600.00	\$5,600.00	\$11,900.00
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	6.000	\$500.00	\$3,000.00	\$350.00	\$2,100.00	\$350.00	\$2,100.00	\$900.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	38.000	\$900.00	\$34,200.00	\$850.00	\$32,300.00	\$850.00	\$32,300.00	\$1,900.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	60,000.000	\$1.00	\$60,000.00	\$1.00	\$60,000.00	\$1.00	\$60,000.00	\$0.00
618.7	FLAGGERS	HR	4,500.000	\$28.00	\$126,000.00	\$25.00	\$112,500.00	\$25.00	\$112,500.00	\$13,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$225,000.00	\$225,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$95,000.00

619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	7.000	\$3,600.00	\$25,200.00	\$4,920.00	\$34,440.00	(\$9,240.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.000	\$3,700.00	\$14,800.00	\$3,520.00	\$14,080.00	\$720.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	270.000	\$4.00	\$1,080.00	\$4.50	\$1,215.00	(\$135.00)
621.31	SINGLE DELINEATOR WITH POST	EA	850.000	\$36.00	\$30,600.00	\$32.00	\$27,200.00	\$3,400.00
621.32	DOUBLE DELINEATOR WITH POST	EA	13.000	\$40.00	\$520.00	\$38.00	\$494.00	\$26.00
622.1	STEEL WITNESS MARKERS	EA	10.000	\$28.00	\$280.00	\$30.00	\$300.00	(\$20.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,830.000	\$2.00	\$3,660.00	\$2.00	\$3,660.00	\$0.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	814,300.000	\$0.12	\$97,716.00	\$0.15	\$122,145.00	(\$24,429.00)
632.01049	SHORT TERM PAVEMENT MARKINGS, 4" LINE	LF	21,700.000	\$0.20	\$4,340.00	\$0.12	\$2,604.00	\$1,736.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	11,045.000	\$0.75	\$8,283.75	\$0.60	\$6,627.00	\$1,656.75
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	650.000	\$1.00	\$650.00	\$1.30	\$845.00	(\$195.00)
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,300.000	\$1.50	\$1,950.00	\$1.60	\$2,080.00	(\$130.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	65.000	\$2.00	\$130.00	\$4.00	\$260.00	(\$130.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	545.000	\$4.00	\$2,180.00	\$3.30	\$1,798.50	\$381.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	2,755.000	\$7.00	\$19,285.00	\$7.00	\$19,285.00	\$0.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	47,065.000	\$0.35	\$16,472.75	\$0.30	\$14,119.50	\$2,353.25
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	165.000	\$2.00	\$330.00	\$2.40	\$396.00	(\$66.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	300.000	\$2.00	\$600.00	\$2.20	\$660.00	(\$60.00)
645.3	EROSION STONE	TON	30.000	\$48.50	\$1,455.00	\$35.00	\$1,050.00	\$405.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	600.000	\$5.00	\$3,000.00	\$6.10	\$3,660.00	(\$660.00)
645.531	SILT FENCE	LF	600.000	\$3.00	\$1,800.00	\$3.00	\$1,800.00	\$0.00

646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,105.000	\$1.25	\$3,881.25	\$3.00	\$9,315.00	(\$5,433.75)
647.1	HUMUS	CY	260.000	\$40.00	\$10,400.00	\$22.00	\$5,720.00	\$4,680.00
677.415	CCTV SYSTEM WITHOUT POLE	U	1.000	\$35,000.00	\$35,000.00	\$7,000.00	\$7,000.00	\$28,000.00
692.	MOBILIZATION	U	1.000	\$250,000.00	\$250,000.00	\$170,000.00	\$170,000.00	\$80,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.000	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	70,000.000	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$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	\$	120,000.000	\$1.00	\$120,000.00	\$1.00	\$120,000.00	\$0.00

**Total:** \$5,228,408.16 \$5,345,491.00 (\$117,082.84)

**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			
<b>WORKERS COMPENSATION</b>	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	<b>EMPLOYERS LIABILITY</b> 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
<b>COMMERCIAL GENERAL LIABILITY</b> <input checked="" type="checkbox"/> OCCURRENCE <input type="checkbox"/> CLAIMS MADE	9/1/2017	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
<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> OWNED <input checked="" type="checkbox"/> NON-OWNED <input checked="" type="checkbox"/> HIRED	9/1/2017	AS2-C81-004095-126		Each Accident—Single Limit \$2,000,000 B.I. And P.D. Combined
				Each Person
				Each Accident or Occurrence
				Each Accident or Occurrence
<b>OTHER</b> Automobile policy	9/1/2016 - 9/1/2017	AS2-C81-054502-526	Physical Damage only -\$10,000 Comp DED -\$10,000 Coll DED	
<b>ADDITIONAL COMMENTS</b> Re: Statewid X-A004(512), 40870 - Concord XA003(000), 24921 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:

Statewid X-A004(512),24921

**Liberty Mutual  
Insurance Group**

Certificate Holder

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

*Valerie P. Reece*

Valerie Reece

AUTHORIZED REPRESENTATIVE

Cincinnati / 0877  
4747 Lake Forest Drive Suite 150  
Cincinnati OH 45242

888-216-4068

11/16/2016

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





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/16/2016

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

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

www.LibertyMutual.com

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

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: Liberty Mutual Fire Insurance Company	23035
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

## COVERAGES

CERTIFICATE NUMBER: 32786867

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	ADDITIONAL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <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 <input type="checkbox"/> OTHER					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/POP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input 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					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 \$	<input checked="" type="checkbox"/>	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
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> 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: Statewide X-A004(512), 40870 - Concord XA003(000), 24921

State of New Hampshire - DOT is listed as additional insured with regards to the excess liability policy, 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

*Valerie F. Reece*

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OWNERS AND CONTRACTORS PROTECTIVE  
LIABILITY DECLARATIONS



Issued by Liberty Mutual Fire Insurance Company

Policy Number TF2-681-054545-286  
Renewal of New  
Account Number 8-036771

Issuing Office Bala Cynwyd, PA  
Issue Date 2016-11-09  
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 11/11/2016 to 11/11/2017 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: Various Location in NH including Belknap, Merrimack and Strafford Counties, Statewide X-A004(512), 40870 and Concord X-A003(000, 24921)

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

Countersigned By:

*Dana D. Spettler*

Producer  
Blickle K 9931  
Bala Cynwyd, PA 390

Authorized Representative