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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Be...

JEFF BRILLHART, P.E.
ACTING COMMISSIONER

38

Bureau of Construction
March 24, 2015

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. of Belmont, NH (Vendor 177300) on the basis of a low bid of \$4,021,478.00 for resurfacing of approximately 63 miles in District IV in Cheshire, Hillsborough and Sullivan Counties, from the date of Governor and Council approval through October 2, 2015 unless extended by the Department in accordance with the Standard Specifications. 71% Betterment Funds, 29% Agency Income.

Funding is available as follows for FY 2015 and is contingent upon the availability and continued appropriation of FY 2016 funds.

Funding is available as follows:	<u>FY 2015</u>	<u>FY 2016</u>
04-96-96-963015-3039		
Highway Betterment Aid		
400-500870 Highway Contract Payments	\$475,000.00	\$2,379,811.00

Funding is available as follows:	<u>FY 2016</u>
04-96-96-963015-8910	
SB 367 Capital Investment	
400-500870 Highway Contract Payments	\$1,166,667.00

2. Further authorize that a contingency in the amount of \$201,073.90 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 2016</u>
04-96-96-963015-3039	
Highway Betterment Aid	
400-500870 Highway Contract Payments	\$201,073.90

EXPLANATION

This project is part of the annual Maintenance District resurfacing program and the additional funding for paving through SB 367, Proposed Road Toll Increase. This project involves pavement resurfacing of approximately 63 miles of state highways in the District Four region. The resurfacing will preserve and extend the life of the highway riding surface and protect the subsurface base course materials. All of the proposed work will remain within the right-of-way.

The contingency amount is proposed to be 5% for this contract. The rough conditions of these roadways, being out of shape with extensive rutting, makes estimating paving quantities very difficult. Paver shim quantities can vary substantially depending on the condition of the road. The winter has been particularly harsh and greater than normal roadway heaving, cracking and distortion is anticipated particularly given the lower tier classification of many of the roads involved for this maintenance paving. A contingency amount is being included to account for these uncertainties, provide flexibility for leveling as needed, maintaining desired paver shim thickness and proposed mileage.

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. 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.

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,


David J. Brillhart, P.E.
Acting Commissioner

DJB/md

Department Estimate: \$4,301,430.00
Contract Amount: \$4,021,478.00
Under Estimate: \$ 279,952.00

Attachments

March 26, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves resurfacing under two programs and placing a drag paver shim (3,900 tons) on selected roadways. The base program includes 36 miles of roadways including sections along Sawyer Crossing Rd (Swanzey), General Miller/Temple Rd (Temple-Wilton), NH 101 (Marlborough), NH 11 (Charlestown), NH 12 (Walpole), Hill Rd (Acworth), NH 124 (Sharon-Jeffrey), NH 123 (Hancock), NH 31 (Greenfield-Bennington), NH 136 (Francestown), NH 47 (Bennington-Francestown), and NH 31 (Bennington). The SB-367 program includes 27 miles of roadways including sections along NH 12 (Charlestown), NH 12A (Surry-Alstead), NH 136 (Greenfield-Francestown), US 202 (Antrim-Hillsborough), NH 10 (Swanzey), and NH 119 (Fitzwilliam-Rindge).

FUNDING: 57.6% Betterment and 42.4% Agency Income

CONTINGENCY: The contingency amount is proposed to be 5% for this contract. The rough conditions of these roadways, being out of shape with extensive rutting, makes estimating paving quantities very difficult. Paver shim quantities can vary substantially depending on the condition of the road. The winter has been particularly harsh and greater than normal roadway heaving, cracking and distortion is anticipated particularly given the lower tier classification of many of the roads involved for this maintenance paving. A contingency amount is being included to account for these uncertainties, provide flexibility for leveling as needed, maintaining desired paver shim thickness and proposed mileage.

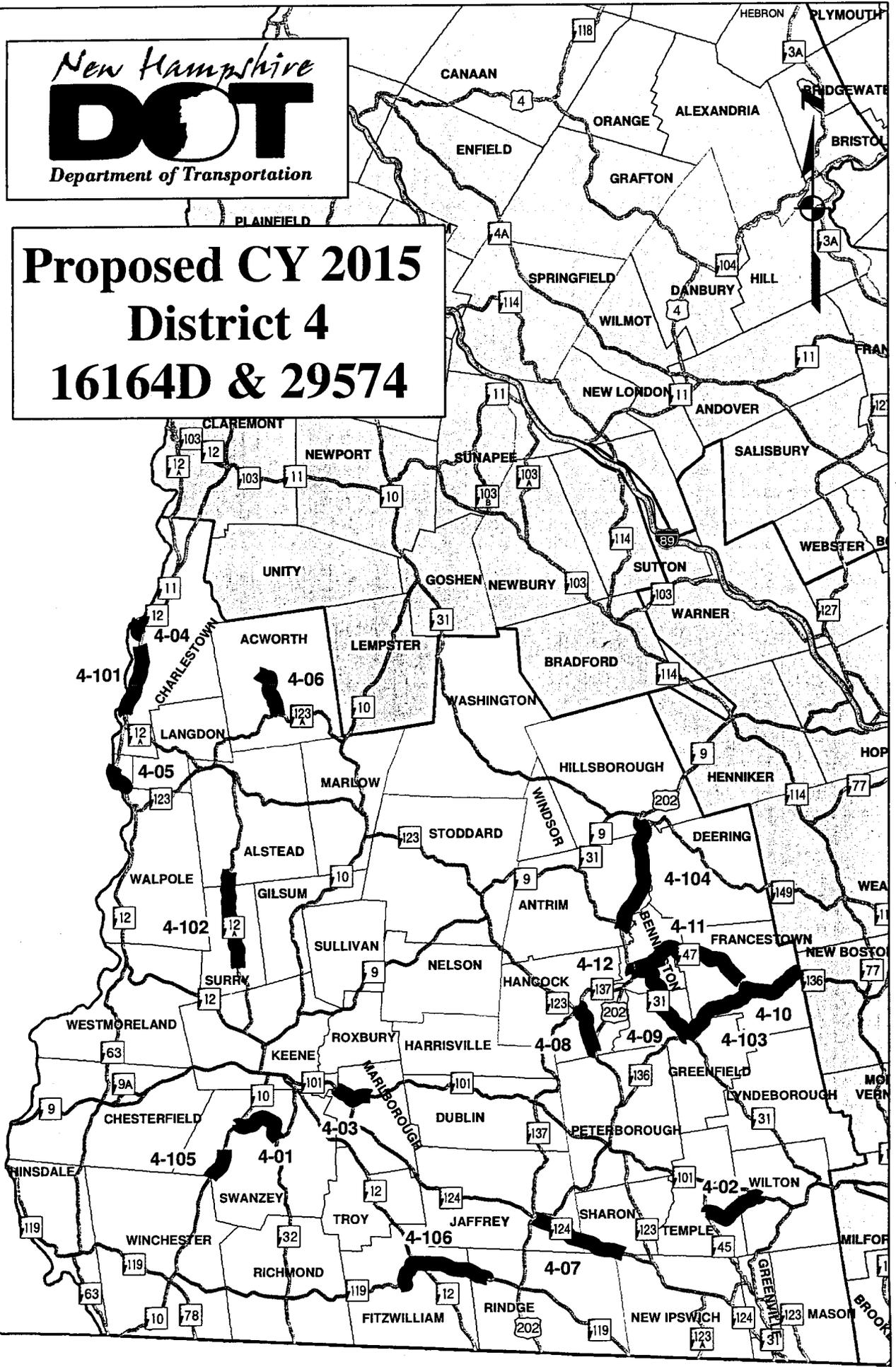
PROJECT INITIATED: State's 10-Year Transportation Improvement Program under the "parent" project BRES # 581 (District Betterment Resurfacing Program).

PROJECT EXPLANATION: These roadways are located throughout District 4 and serve various functions. These pavements are in fair to poor condition. The intent of this project is to maintain and improve the riding surface and to extend the life of the existing roadways. All of the proposed work will remain within the right-of-way.

TRAFFIC IMPLICATIONS: Minimal traffic implications are anticipated. Alternating one-way traffic will be allowed only on roads with pavement widths less than forty-four feet. Normal traffic patterns will be re-established prior to the beginning of non-work hours. No work will be permitted from May 22 to May 26, July 2 to July 6 and from September 4 to September 8, 2015.

COMPLETION DATE: October 2, 2015

**Proposed CY 2015
District 4
16164D & 29574**



State of New Hampshire Department of Transportation

Project:	DISTRICT 4 RESURFACING NONE 16164D AND RESURFACING DISTRICT 4 NONE 29574	
County and Code:	CHESHIRE COUNTY 005, HILLSBOROUGH 011 & SULLIVAN 019	
Date Bids Open:	March 11, 2015	
Scope of Work:	ROADWAY RESURFACING	
Location:	SEE THE PROSECUTION OF WORK	
Completion Date:	October 2, 2015	
A PIKE INDUSTRIES, INC. 3 EASTGATE PARK RD BELMONT, NH 03220		\$4,021,478.00
B CONTINENTAL PAVING INC. ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053		\$4,090,207.00
C FRANK W. WHITCOMB CONST. CORP. BOX 1000 WALPOLE, N.H. 03608		\$4,266,405.00
D BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826		\$4,594,845.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
206.1	COMMON STRUCTURE EXCAVATION	CY	40.00	\$150.00	\$6,000.00	\$50.00	\$2,000.00	\$50.00	\$2,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	7,900.00	\$9.50	\$75,050.00	\$10.00	\$79,000.00	\$19.55	\$154,445.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	6,950.00	\$65.00	\$451,750.00	\$67.00	\$465,650.00	\$66.70	\$463,565.00
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	550.00	\$66.00	\$36,300.00	\$80.00	\$44,000.00	\$75.00	\$41,250.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	50.00	\$110.00	\$5,500.00	\$110.00	\$5,500.00	\$200.00	\$10,000.00
403.6	PAVEMENT JOINT ADHESIVE	LF	30,400.00	\$0.22	\$6,688.00	\$0.22	\$6,688.00	\$0.55	\$16,720.00
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	40,700.00	\$66.50	\$2,706,550.00	\$68.87	\$2,803,009.00	\$70.60	\$2,873,420.00
411.51	SPOT PAVER DRAG SHIM	TON	3,900.00	\$72.00	\$280,800.00	\$75.00	\$292,500.00	\$72.70	\$283,530.00
417	COLD PLANING BITUMINOUS SURFACES	SY	92,800.00	\$2.00	\$185,600.00	\$1.50	\$139,200.00	\$1.80	\$167,040.00
608.2401	4" CONCRETE SIDEWALK	SY	460.00	\$40.00	\$18,400.00	\$40.00	\$18,400.00	\$40.00	\$18,400.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	105.00	\$350.00	\$36,750.00	\$350.00	\$36,750.00	\$325.00	\$34,125.00
609.01	STRAIGHT GRANITE CURB	LF	10.00	\$22.00	\$220.00	\$50.00	\$500.00	\$120.00	\$1,200.00
609.5	RESET GRANITE CURB	LF	1,000.00	\$10.00	\$10,000.00	\$12.00	\$12,000.00	\$10.00	\$10,000.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	7.00	\$750.00	\$5,250.00	\$750.00	\$5,250.00	\$650.00	\$4,550.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
618.7	FLAGGERS	HR	2,310.00	\$22.00	\$50,820.00	\$21.00	\$48,510.00	\$21.00	\$48,510.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	9.00	\$200.00	\$1,800.00	\$250.00	\$2,250.00	\$250.00	\$2,250.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	400.00	\$2.00	\$800.00	\$2.00	\$800.00	\$3.00	\$1,200.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
692	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00	\$56,000.00	\$56,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00
1010.15	FUEL ADJUSTMENT	\$	18,200.00	\$1.00	\$18,200.00	\$1.00	\$18,200.00	\$1.00	\$18,200.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00
					\$4,021,478.00		\$4,090,207.00		\$4,266,405.00

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
206.1	COMMON STRUCTURE EXCAVATION	CY	40.00	\$35.00	\$1,400.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	7,900.00	\$10.00	\$79,000.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	6,950.00	\$75.00	\$521,250.00		
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	550.00	\$76.00	\$41,800.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	50.00	\$125.00	\$6,250.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	30,400.00	\$0.25	\$7,600.00		
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	40,700.00	\$77.00	\$3,133,900.00		
411.51	SPOT PAVER DRAG SHIM	TON	3,900.00	\$81.75	\$318,825.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	92,800.00	\$2.10	\$194,880.00		
608.2401	4" CONCRETE SIDEWALK	SY	460.00	\$97.00	\$44,620.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	105.00	\$370.00	\$38,850.00		
609.01	STRAIGHT GRANITE CURB	LF	10.00	\$45.00	\$450.00		
609.5	RESET GRANITE CURB	LF	1,000.00	\$22.00	\$22,000.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	7.00	\$750.00	\$5,250.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00		
618.7	FLAGGERS	HR	2,310.00	\$21.00	\$48,510.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	9.00	\$140.00	\$1,260.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	400.00	\$2.00	\$800.00		

A - PS&E Comparison

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
206.1	COMMON STRUCTURE EXCAVATION	CY	40.00	\$150.00	\$6,000.00	\$85.00	\$3,400.00	\$2,600.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	7,900.00	\$9.50	\$75,050.00	\$10.00	\$79,000.00	(\$3,950.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	6,950.00	\$65.00	\$451,750.00	\$68.00	\$472,600.00	(\$20,850.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	550.00	\$66.00	\$36,300.00	\$79.00	\$43,450.00	(\$7,150.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	50.00	\$110.00	\$5,500.00	\$125.00	\$6,250.00	(\$750.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	30,400.00	\$0.22	\$6,688.00	\$0.25	\$7,600.00	(\$912.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	40,700.00	\$66.50	\$2,706,550.00	\$68.00	\$2,767,600.00	(\$61,050.00)
411.51	SPOT PAVER DRAG SHIM	TON	3,900.00	\$72.00	\$280,800.00	\$75.00	\$292,500.00	(\$11,700.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	92,800.00	\$2.00	\$185,600.00	\$3.00	\$278,400.00	(\$92,800.00)
608.2401	4" CONCRETE SIDEWALK	SY	460.00	\$40.00	\$18,400.00	\$125.00	\$57,500.00	(\$39,100.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	105.00	\$350.00	\$36,750.00	\$400.00	\$42,000.00	(\$5,250.00)
609.01	STRAIGHT GRANITE CURB	LF	10.00	\$22.00	\$220.00	\$32.00	\$320.00	(\$100.00)
609.5	RESET GRANITE CURB	LF	1,000.00	\$10.00	\$10,000.00	\$16.50	\$16,500.00	(\$6,500.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	7.00	\$750.00	\$5,250.00	\$650.00	\$4,550.00	\$700.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
618.7	FLAGGERS	HR	2,310.00	\$22.00	\$50,820.00	\$21.00	\$48,510.00	\$2,310.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	9.00	\$200.00	\$1,800.00	\$250.00	\$2,250.00	(\$450.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	400.00	\$2.00	\$800.00	\$2.00	\$800.00	\$0.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
692	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00	\$100,000.00	\$100,000.00	(\$35,000.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	18,200.00	\$1.00	\$18,200.00	\$1.00	\$18,200.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	38,000.00	\$1.00	\$38,000.00	\$1.00	\$38,000.00	\$0.00
					\$4,021,478.00		\$4,301,430.00	(\$279,952.00)

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	9/1/2015	WA7-C8D-004095-024 WC7-C81-004095-014	COVERAGE AFFORDED UNDER WC LAW OF THE FOLLOWING STATES: -024: All States except OH, ND, WA, WY and WI -014: 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	9/1/2015	TB2-C81-004095-114 -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: \$100,000		Other Medical Exp: \$5,000	
			RETRO DATE			
AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> OWNED <input checked="" type="checkbox"/> NON-OWNED <input checked="" type="checkbox"/> HIRED	9/1/2015	AS2-C81-004095-124 Comp Ded \$10,000 Coll Ded \$10,000	Each Accident—Single Limit \$2,000,000 B.I. And P.D. Combined			
			Each Person			
			Each Accident or Occurrence			
			Each Accident or Occurrence			
OTHER						

ADDITIONAL COMMENTS

RE: District IV Resurfacing, 16164D and Resurfacing District IV, 29574
The State of NH - D.O.T. is listed as additional insured, 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:

District IV Resurfacing, 16164D and Resurfacing District IV, 29574

**Liberty Mutual
Insurance Group**

Certificate Holder

State of NH - D.O.T.
PO Box 483
Concord NH 03302

Stanley S. Esposito, Jr.

Stan Esposito

AUTHORIZED REPRESENTATIVE

Pittsburgh / 0387
12 Federal Street, Ste. 310
Pittsburgh PA 15212-5706

412-231-1331

3/18/2015

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 TF2-681-054474-505
Renewal of New
Account Number 8-036771

Issuing Office Bala Cynwyd, PA
Issue Date 2015-03-13
Sub Account 0000

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

Franchise

Form of Business Other

Policy Period: The policy period is from 03/18/2015 to 03/18/2016 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: District IV Resurfacing 16164D and Resurfacing District IV 29574

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)".

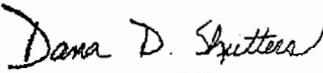
Owners and Contractors Protective Liability Coverage Part Premium \$ 800
Endorsement Premium \$
Total Estimated Premium \$ 800
Other Charges(s) \$
Policywriting Minimum Premium \$

Forms Applicable: See Attached Inventory

Producer 0002 008060
MARSH USA INC
3560 LENOX ROAD, STE 2400
ATLANTA, GA 30326

Countersigned By:

Producer
Blickle K 9931
Bala Cynwyd, PA 390


Authorized Representative