



**THE STATE OF NEW HAMPSHIRE**  
**DEPARTMENT OF TRANSPORTATION**



**JEFF BRILLHART, P.E.**  
**ACTING COMMISSIONER**

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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 Continental Paving, Inc. of Londonderry, NH (Vendor 155350) on the basis of a low bid of \$3,498,367.00 for resurfacing of approximately 59 miles in District V in Hillsborough, Merrimack and Rockingham Counties, from the date of Governor and Council approval through October 2, 2015 unless extended by the Department in accordance with the Standard Specifications. 67% Betterment Funds, 33% 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	\$1,856,700.00

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 \$174,918.35 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	\$174,918.35

**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 59 miles of state highways in the District Five 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: \$3,720,107.50  
Contract Amount: \$3,498,367.00  
Under Estimate: \$ 221,740.50

Attachments

**DISTRICT 5 RESURFACING 16165-D  
RESURFACING DISTRICT 5 29575**

March 26, 2015

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** This project involves resurfacing under two programs and placing a drag paver shim (2,900 tons) on selected roadways. The base program includes 30 miles of roadways including sections along NH 121 (Derry/Chester/Auburn/Manchester), Academy/Buck Rd (Pembroke), North River /Center Rd (Milford), Old Gage Hill Rd (Pelham), NH 13 (Milford/Amherst/Mont Vernon), Amherst Rd (Mont Vernon), Main St (Chichester), Canterbury Rd (Chichester), and NH 114 (Henniker). The SB-367 program includes 29 miles of roadways including sections along NH 103 (Warner), NH 111A (Pelham), NH 136 (New Boston), Everett Dam Rd (Dunbarton), Harris Hill/Tremont St (Boscawen), US 3 (Boscawen), NH 149 (Weare), US 202 (Hopkinton-Concord), Horse Corner Rd (Chichester), NH 114 (Goffstown/New Boston/Weare), Peabody Row Rd (Londonderry), Peabody Row Rd (Londonderry) and NH 28A (Hooksett).

**FUNDING:** 52.2% Betterment and 47.8% 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).

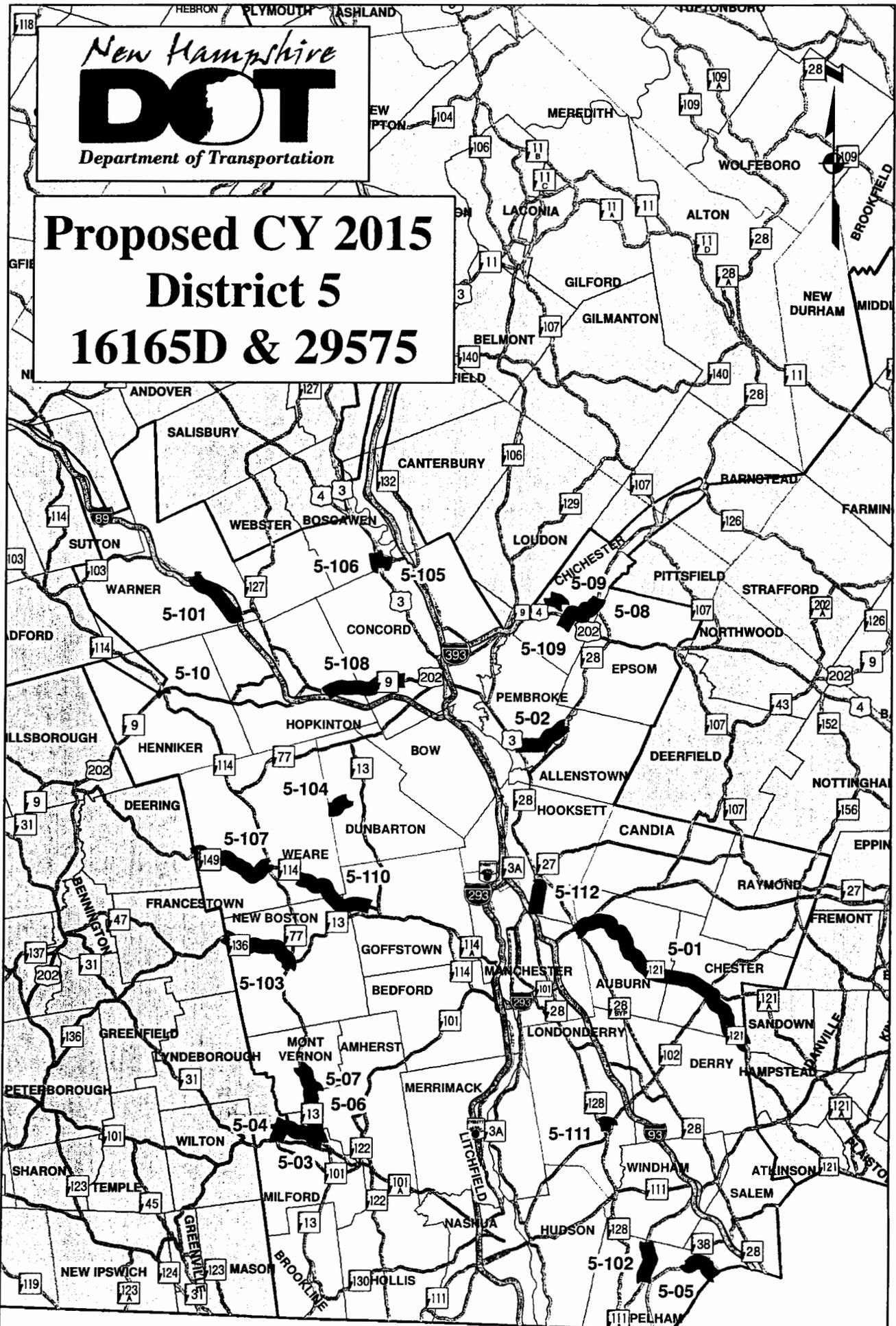
**PROJECT EXPLANATION:** These roadways are located throughout District 5 and serve various functions. These pavements are in fair to poor condition. The intent of this project is to maintain and improve the riding surface and to extend the life of the existing roadways. All of the proposed work will 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. No work on Section 5-08, Main Street (Chichester) will take place if school is in session during commuting hours (6:00 am to 9:00 am and 3:00 pm to 6:00 pm).

**COMPLETION DATE:** October 2, 2015.



# Proposed CY 2015 District 5 16165D & 29575



**State of New Hampshire  
Department of Transportation**

16165D.01

**Project:** DISTRICT 5 RESURFACING  
NONE 16165D AND  
RESURFACING DISTRICT 5  
NONE 29575

**County and Code:** HILLSBOROUGH COUNTY 011, MERRIMACK 013 &  
ROCKINGHAM 015

**Date Bids Open:** March 10, 2015

**Scope of Work:** ROADWAY RESURFACING

**Location:** SEE THE PROSECUTION OF WORK

**Completion Date:** October 2, 2015

A CONTINENTAL PAVING INC.  
ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053 \$3,498,367.00

B PIKE INDUSTRIES, INC.  
3 EASTGATE PARK RD BELMONT, NH 03220 \$3,635,414.00

C BROX INDUSTRIES, INC.  
1471 METHUEN STREET DRACUT, MA 01826 \$4,186,160.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
206.1	COMMON STRUCTURE EXCAVATION	CY	35.00	\$50.00	\$1,750.00	\$400.00	\$14,000.00	\$35.00	\$1,225.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	7,450.00	\$8.00	\$59,600.00	\$15.00	\$111,750.00	\$21.60	\$160,920.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	3,400.00	\$64.63	\$219,742.00	\$65.00	\$221,000.00	\$73.00	\$248,200.00
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	900.00	\$75.75	\$68,175.00	\$72.00	\$64,800.00	\$80.00	\$72,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	250.00	\$110.00	\$27,500.00	\$105.00	\$26,250.00	\$125.00	\$31,250.00
403.6	PAVEMENT JOINT ADHESIVE	LF	25,300.00	\$0.22	\$5,566.00	\$0.23	\$5,819.00	\$0.25	\$6,325.00
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	40,200.00	\$65.67	\$2,639,934.00	\$65.00	\$2,613,000.00	\$77.50	\$3,115,500.00
411.51	PAVER DRAG SHIM	TON	2,900.00	\$70.00	\$203,000.00	\$75.00	\$217,500.00	\$82.00	\$237,800.00
417	COLD PLANING BITUMINOUS SURFACES	SY	16,200.00	\$1.50	\$24,300.00	\$3.00	\$48,600.00	\$2.50	\$40,500.00
608.2401	4" CONCRETE SIDEWALK	SY	425.00	\$40.00	\$17,000.00	\$40.00	\$17,000.00	\$97.00	\$41,225.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	100.00	\$350.00	\$35,000.00	\$400.00	\$40,000.00	\$370.00	\$37,000.00
609.01	STRAIGHT GRANITE CURB	LF	180.00	\$22.00	\$3,960.00	\$45.00	\$8,100.00	\$30.00	\$5,400.00
609.5	RESET GRANITE CURB	LF	725.00	\$10.00	\$7,250.00	\$30.00	\$21,750.00	\$18.00	\$13,050.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	8.00	\$650.00	\$5,200.00	\$650.00	\$5,200.00	\$650.00	\$5,200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00
618.7	FLAGGERS	HR	2,190.00	\$21.00	\$45,990.00	\$25.00	\$54,750.00	\$21.00	\$45,990.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	10.00	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$140.00	\$1,400.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	400.00	\$1.50	\$600.00	\$2.00	\$800.00	\$2.00	\$800.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$65,000.00	\$65,000.00	\$25,600.00	\$25,600.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,750.00	\$1.00	\$4,750.00	\$1.00	\$4,750.00	\$1.00	\$4,750.00
850.1	SOUND INTENSITY STUDY	U	1.00	\$6,500.00	\$6,500.00	\$7,795.00	\$7,795.00	\$6,975.00	\$6,975.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	6,750.00	\$1.00	\$6,750.00	\$1.00	\$6,750.00	\$1.00	\$6,750.00
1010.15	FUEL ADJUSTMENT	\$	25,300.00	\$1.00	\$25,300.00	\$1.00	\$25,300.00	\$1.00	\$25,300.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	42,000.00	\$1.00	\$42,000.00	\$1.00	\$42,000.00	\$1.00	\$42,000.00
					\$3,498,367.00		\$3,635,414.00		\$4,186,160.00

# 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	
206.1	COMMON STRUCTURE EXCAVATION	CY	35.00	\$50.00	\$1,750.00	\$85.00	\$2,975.00	(\$1,225.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	7,450.00	\$8.00	\$59,600.00	\$10.00	\$74,500.00	(\$14,900.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	3,400.00	\$64.63	\$219,742.00	\$69.00	\$234,600.00	(\$14,858.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	900.00	\$75.75	\$68,175.00	\$78.00	\$70,200.00	(\$2,025.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	250.00	\$110.00	\$27,500.00	\$125.00	\$31,250.00	(\$3,750.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	25,300.00	\$0.22	\$5,566.00	\$0.25	\$6,325.00	(\$759.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	40,200.00	\$65.67	\$2,639,934.00	\$66.00	\$2,653,200.00	(\$13,266.00)
411.51	PAVER DRAG SHIM	TON	2,900.00	\$70.00	\$203,000.00	\$72.00	\$208,800.00	(\$5,800.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	16,200.00	\$1.50	\$24,300.00	\$5.00	\$81,000.00	(\$56,700.00)
608.2401	4" CONCRETE SIDEWALK	SY	425.00	\$40.00	\$17,000.00	\$125.00	\$53,125.00	(\$36,125.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	100.00	\$350.00	\$35,000.00	\$400.00	\$40,000.00	(\$5,000.00)
609.01	STRAIGHT GRANITE CURB	LF	180.00	\$22.00	\$3,960.00	\$32.00	\$5,760.00	(\$1,800.00)
609.5	RESET GRANITE CURB	LF	725.00	\$10.00	\$7,250.00	\$16.50	\$11,962.50	(\$4,712.50)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	8.00	\$650.00	\$5,200.00	\$650.00	\$5,200.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$0.00
618.7	FLAGGERS	HR	2,190.00	\$21.00	\$45,990.00	\$19.00	\$41,610.00	\$4,380.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	10.00	\$250.00	\$2,500.00	\$200.00	\$2,000.00	\$500.00
628.2	SAVED BITUMINOUS PAVEMENT	LF	400.00	\$1.50	\$600.00	\$2.00	\$800.00	(\$200.00)

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	A-Bidder		PS&E		A-PS&E Difference	
			Quantity	Unit Price	Total	Unit Price		Total
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$100,000.00	\$100,000.00	(\$65,000.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,750.00	\$1.00	\$4,750.00	\$1.00	\$4,750.00	\$0.00
850.1	SOUND INTENSITY STUDY	U	1.00	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00	(\$500.00)
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	6,750.00	\$1.00	\$6,750.00	\$1.00	\$6,750.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	25,300.00	\$1.00	\$25,300.00	\$1.00	\$25,300.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	42,000.00	\$1.00	\$42,000.00	\$1.00	\$42,000.00	\$0.00
					\$3,498,367.00		\$3,720,107.50	(\$221,740.50)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
3/19/2015

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 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).

<b>PRODUCER</b> <b>CROSS INSURANCE - LACONIA</b> 155 Court Street  Laconia NH 03246	<b>CONTACT NAME:</b> Linda Tikkanen, CISR <b>PHONE (A/C, No. Ext):</b> (603) 524-2425 <b>E-MAIL ADDRESS:</b> ltikkanen@crossagency.com	<b>FAX (A/C, No):</b> (603) 524-3666
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> <b>Continental Paving, Inc.</b> One Continental Drive  Londonderry NH 03053	<b>INSURER A:</b> Fireman's Ins. Co. of	
	<b>INSURER B:</b> National Union Fire Ins Co of	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	

**COVERAGES**                      **CERTIFICATE NUMBER:** CL1531933188                      **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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			CPA0013804-31	3/31/2015	3/31/2016	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 5,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$ 1,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY			CAA0013801-31	3/31/2015	3/31/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> MCS90	<input checked="" type="checkbox"/> CA9948					\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		BE25804164	3/31/2015	3/31/2016	EACH OCCURRENCE \$ 10,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 10,000,000
	<input type="checkbox"/> DED	<input checked="" type="checkbox"/> RETENTION \$ 10,000					\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WPA0013797-32	3/31/2015	3/31/2016	<input checked="" type="checkbox"/> WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A				E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)**  
Job Reference: Resurfacing District V 16165D  
The State of New Hampshire Department of Transportation is listed as additional insured for ongoing operations performed by or on behalf of Continental Paving, Inc., when required in a written contract.

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation 7 Hazen Drive P.O. Box 483 Concord, NH 03302	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	<b>AUTHORIZED REPRESENTATIVE</b>  L Tikkanen, CISR/LXT <i>Linda Tikkanen</i>

