



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



101

Bureau

**CHRISTOPHER D. CLEMENT, SR.  
COMMISSIONER**

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

Bureau of Construction  
March 6, 2014

Her Excellency, Governor Margaret Wood Hassan  
and the Honorable Council  
State House  
Concord, New Hampshire 03301

**REQUESTED ACTION**

Authorize the Department of Transportation to enter into a contract with Surface Preparation Technologies, LLC (Vendor 167250) of Mechanicsburg, PA on the basis of a low bid of \$261,700.00 for milling rumble strips in the shoulders and centerline at various locations throughout the State, from the date of Governor and Council approval through September 26, 2014 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2014</u>	<u>FY 2015</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$251,700.00	\$10,000.00

**EXPLANATION**

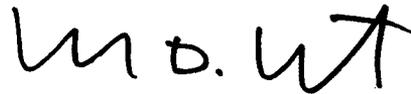
This project is part of the annual Highway Safety Improvement Program (HSIP). This HSIP program includes programmed funding to systematically, install rumble strips on State highway corridors as a preventative safety measure. This project involves the re-milling of shoulder rumbles strips and centerline rumble strips that were affected by pavement rehabilitation efforts along the roadways. It is cost effective to address these sections under an overall rumble strip project rather than incorporating this unique work in the individual paving projects. The shoulder rumble strips (SRS) and centerline rumble strips (CRS) were initially milled along these roadways to provide low-cost safety solutions that alert drivers when they drift from their travel lane, providing an opportunity for the driver to maneuver their vehicle out of harm's way. The project also includes the installation of new shoulder and centerline rumble strips along NH Route 125 between Lee and Kingston to improve safety and reduce lane departure crashes.

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.

This project funding is 90% federal funds with 10% 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,



Christopher D. Clement, Sr.  
Commissioner

CDC/md

Department Estimate: \$337,550.00  
Contract Amount: \$261,700.00  
Under Estimate: \$ 75,850.00

Attachments

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves milling rumble strips in the shoulders and centerline at various locations within the State. The locations are described below.

At the following locations the Rumble strips will be milled in the right and median shoulders:

- **I-89 NB & SB,**
  - Bow – MM 2.3 to MM 2.7 – 0.4 miles.
  - Sutton – MM 45.0 to MM 46.4 – 1.4 miles. (NB *median side only*)
  - Enfield – MM 49.7 to MM 51.7 – 2.0 miles. (NB *median side edge line*)
- **I-95, NB & SB,**
  - Portsmouth – MM 12.1 to MM 14.6 – 2.5 miles.
  - North Hampton - MM 6.8 to MM 7.3 – 0.5 miles.
- **I-93/FE Everett Turnpike NB & SB,**
  - Hooksett – MM 29.6 to MM 31.0 – 1.4 miles.
- **NH Route 16, NB & SB,**
  - Rochester – MM 17.6 to MM 23.3 – 5.7 miles.

At the following locations the rumble strips will be milled in the centerline of the roadway:

- **NH Route 125,**
  - Plaistow to Brentwood – MM 3.1 to MM 16.1 – 13.0 miles.
  - Epping to Lee – MM 17.6 to MM 22.0 – 5.9 miles.
- **NH Route 16,**
  - Rochester – MM 22.8 to MM 23.3 – 0.4 miles.

At the following locations the rumble strips will be milled along both the NB and SB edge lines of the roadway:

- **NH Route 125,**
  - Plaistow to Brentwood – MM 3.1 to MM 16.1 – 13.0 miles.
  - Epping to Lee – MM 17.6 to MM 26.1 – 8.5 miles.

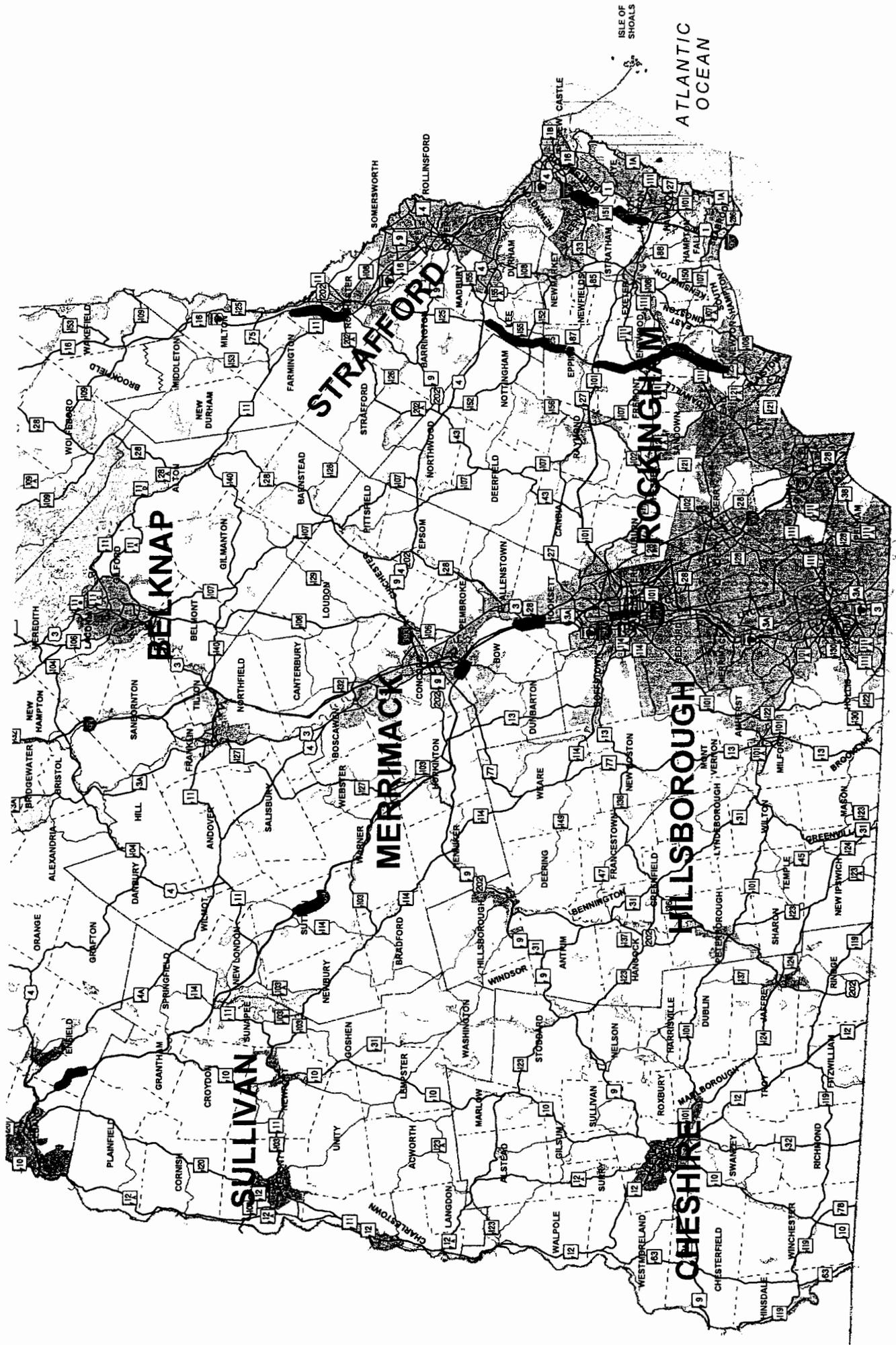
**FEDERAL FUNDING:** 90% (HSIP) with the anticipated utilization of Turnpike Toll Credits for the State's 10% match

**PROJECT INITIATED:** State's 10-Year Transportation Improvement Plan

**PROJECT EXPLANATION:** This project involves the re-milling of shoulder rumble strips and centerline rumble strips that were removed due to pavement rehabilitation efforts along the listed roadways. The shoulder rumble strips (SRS) and centerline rumble strips (CRS) were initially milled along these roadways to provide low-cost safety solutions that alert drivers when they drift from their travel lane, providing an opportunity for the driver to maneuver their vehicle out of harm's way. New shoulder and centerline rumble strips are also proposed for NH Route 125 to improve safety and reduce lane departure crashes.

**TRAFFIC IMPLICATIONS:** On NH Routes 125, unless otherwise specifically approved, all work will be performed in a manner that permits two-way traffic on two paved lanes at all times. If alternating one-way traffic is approved, provide a 14-foot minimum width paved traveled way. I-93 lane closures will be allowed except for specific timeframes. Length of closed lanes will be less than 2 miles to minimize traffic delays. Normal traffic patterns will be re-established prior to non-work hours.

**COMPLETION DATE:** September 26, 2014



STATEWIDE 26842

**State of New Hampshire  
Department of Transportation**

26842.01

**Project:** STATEWIDE X-A003(405) 26842  
**County and Code:** GRAFTON COUNTY 009 MERRIMACK 013 ROCKINGHAM  
015 STRAFFORD 017  
**Date Bids Open:** February 20, 2014  
**Scope of Work:** MILLING RUMBLE STRIPS  
**Location:** AT VARIOUS LOCATIONS WITHIN THE STATE  
SEE PROSECUTION OF WORK  
**Completion Date:** September 26, 2014

A SURFACE PREPARATION TECHNOLOGIES,  
81 TAXACO ROAD, MECHANICSBURG, PA 17050

\$261,700.00

B KUBRICKY CONSTRUCTION CORP  
269 BALLARD ROAD WILTON NY 12831-1357

\$306,996.69

Item No:	Description	Unit	Quantity	A		B	
				Unit Price	Total	Unit Price	Total
417.412	RUMBLE STRIPS, 12" WIDE	LF	225,000.00	\$0.22	\$49,500.00	\$0.22	\$49,500.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	210,000.00	\$0.22	\$46,200.00	\$0.23	\$48,300.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$27,000.00	\$27,000.00	\$26,636.89	\$26,636.89
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$50.00	\$400.00	\$167.65	\$1,341.20
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	4.00	\$500.00	\$2,000.00	\$3,017.63	\$12,070.52
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	440,000.00	\$0.14	\$61,600.00	\$0.20	\$88,000.00
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$41,148.08	\$41,148.08
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
					\$261,700.00		\$306,996.69

## 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	
417.412	RUMBLE STRIPS, 12" WIDE	LF	225,000.00	\$0.22	\$49,500.00	\$0.35	\$78,750.00	(\$29,250.00)
417.416	RUMBLE STRIPS, 16" WIDE	LF	210,000.00	\$0.22	\$46,200.00	\$0.26	\$54,600.00	(\$8,400.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$27,000.00	\$27,000.00	\$40,000.00	\$40,000.00	(\$13,000.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$50.00	\$400.00	\$400.00	\$3,200.00	(\$2,800.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	4.00	\$500.00	\$2,000.00	\$2,500.00	\$10,000.00	(\$8,000.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	440,000.00	\$0.14	\$61,600.00	\$0.15	\$66,000.00	(\$4,400.00)
692	MOBILIZATION	U	1.00	\$35,000.00	\$35,000.00	\$45,000.00	\$45,000.00	(\$10,000.00)
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
					\$261,700.00		\$337,550.00	(\$75,850.00)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
03/12/14

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> Strickler Agency -Carlisle P O Box 699 Carlisle, PA 17013 Erik S. Olsen, CIC, CPIA	717-243-2921	<b>CONTACT NAME:</b> _____ <b>PHONE (A/C, No, Ext):</b> _____ <b>E-MAIL ADDRESS:</b> _____ <b>FAX (A/C, No):</b> _____																				
	717-243-6543	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A :</td> <td>Cincinnati Insurance Co</td> <td>10677</td> </tr> <tr> <td>INSURER B :</td> <td></td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A :	Cincinnati Insurance Co	10677	INSURER B :			INSURER C :			INSURER D :			INSURER E :			INSURER F :	
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INSURER F :																						
<b>INSURED</b> Surface Preparation Technologies LLC, Surface Preparation Technologies Inc 81 Texaco Road Mechanicsburg, PA 17055																						

**COVERAGES**

CERTIFICATE NUMBER:

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	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU HAZARD INCLD <input checked="" type="checkbox"/> CONTRACTUAL LIAB GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	X		CPP0878040	09/30/13	09/30/14	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Emp Ben. \$ 1,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			EBA0160967	09/30/13	09/30/14	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			EUP0161227	09/30/13	09/30/14	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
A	<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		N/A	WC1917466	09/30/13	09/30/14	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER 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 (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 Project:NH DOT Project Statewide X-A003(405),26842,I-89,I93/Fe Everett Turnpike, Spaulding Turnpike/NH Rt. 16,I-95, NH Rt. 125, Grafton,Merrimack, Rockingham &Strafford Counties.  
 Additional Insured: State of New Hampshire Department of Transportation in respect to General Liability. 30 Day Notice Cancellation/Change (page 1/4)

**CERTIFICATE HOLDER****CANCELLATION**

NEWHAM2

State Of New Hampshire  
 Department of Transportation  
 PO Box 483  
 Concord, NH 03302-0483

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

