



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



30  
Banks

VICTORIA F. SHEEHAN  
COMMISSIONER

WILLIAM CASS, P.E.  
ASSISTANT COMMISSIONER

Bureau of Construction  
September 29, 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 Annseal, Inc. (Vendor 160681) of Johnson City, NY on the basis of a low bid of \$423,800.00 for crack sealing on I-93 in two sections, Manchester, Hooksett and Concord, from the date of Governor and Council approval through July 28, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2017</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$423,800.00

2. Further authorize that a contingency in the amount of \$29,666.00 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 7% of the contract amount.

Funding is available as follows:	<u>FY 2017</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$29,666.00

**EXPLANATION**

This project is part of the State's Ten Year Plan under the Interstate Maintenance and Pavement Preservation program. The purpose of this project is crack-sealing on I-93 in two sections, Manchester-Hooksett and Concord. Crack sealing will include the traveled lanes, shoulders, and acceleration and deceleration lanes at interchanges. The work will fill in both transverse and longitudinal cracks less than 1.5" wide within the project limits. No bridge work will be done other than cracksealing. Manchester-Hooksett begins at mile marker 21.0, South of Exit 7 and proceeds North 5.1 miles North of Exit 10, mile marker 26.1, including Exits 7, 8, 9, 10 ramps, but excluding the Exit 8 Southbound off-ramp. The Concord section begins at the northerly limit of the FEET (mile marker 38.5) and proceeds North 1.4 miles to the Merrimack River bridge (mile marker 39.9), then skips a section and begins again North of

Exit 16 at mile marker 40.9 and proceeds North 5.5 miles to South of Exit 17 at mile marker 44.0. This project includes the Exit 15 and 16 ramps and Exit 14 Northbound on-ramp and Southbound off-ramp.

This project is a follow up preservation treatment for roadways that were recently paved, the northern portion of the Manchester–Hooksett section was rehabilitated by a 4R project in 2013 and the southern section resurfaced in 2012 by IMPPP. The Concord section was resurfaced in 2009 by the ARRA program. The crackseal will preserve the life of the pavement by reducing material and water movement into the cracks that would cause further expansion of the cracks and overall deterioration of the pavement.

Although the three bids received exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved. The higher prices are generally attributable to the crack sealing item and associated costs to maintain traffic. This work will be completed at night, coupled with the extent of cracking, limits the production rate which increases costs. Readvertising this project would result in higher prices, in our opinion, and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

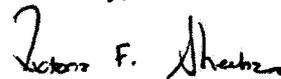
The contingency amount is proposed to be 7% of the contract amount. Estimation of existing cracking of pavement is difficult due to large volumes of traffic, especially within the 3 & 4 lane segments in Manchester. Potential for overruns exist due to the time between advertisement (Fall 2016) and construction (Spring 2017) due to the impact winter can have on cracking.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 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,



Victoria F. Sheehan  
Commissioner

VFS/md

Department Estimate: \$350,100.00

Contract Amount: \$423,800.00

Over Estimate: \$ 73,700.00

Attachments

July 27, 2016

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** The purpose of this project is crack-sealing on I-93 in two sections, Manchester-Hooksett and Concord. Crack sealing will include the traveled lanes, shoulders, and acceleration and deceleration lanes at interchanges. The work will fill in both transverse and longitudinal cracks less than 1.5" wide within the project limits. No bridge work will be done other than cracksealing.

Manchester-Hooksett begins at mile marker 21.0, South of Exit 7 and proceeds North 5.1 miles North of Exit 10, mile marker 26.1, including Exits 7, 8, 9, 10 ramps, but excluding the Exit 8 Southbound off-ramp.

The Concord section begins at the northerly limit of the FEET (mile marker 38.5) and proceeds North 1.4 miles to the Merrimack River bridge (mile marker 39.9), then skips a section and begins again North of Exit 16 at mile marker 40.9 and proceeds North 5.5 miles to South of Exit 17 at mile marker 44.0. This project includes the Exit 15 and 16 ramps and Exit 14 Northbound on-ramp and Southbound off-ramp.

**FEDERAL FUNDING:** Federal 90% Interstate Maintenance and Pavement Preservation (IMPPP); State 10% (TTC)

**CONTINGENCY:** The contingency amount is proposed to be 7% of the contract amount. Estimation of existing cracking of pavement is difficult due to large volumes of traffic, especially within the 3 & 4 lane segments in Manchester. Potential for overruns exist due to the time between advertisement (Fall 2016) and construction (Spring 2017) due to the impact winter can have on cracking.

**PROJECT INITIATED:** State's Ten Year Plan -- Interstate Maintenance and Pavement Preservation (IMPP)

**PROJECT EXPLANATION:** This project is a follow up preservation treatment for roadways that were recently paved, the northern portion of the Manchester-Hooksett section was rehabilitated by a 4R project in 2013 and the southern section resurfaced in 2012 by IMPPP. The Concord section was resurfaced in 2009 by the ARRA program. The crackseal will preserve the life of the pavement by reducing material and water movement into the cracks that would cause further expansion of the cracks and overall deterioration of the pavement.

**TRAFFIC IMPLICATION:** Lane closures within the Manchester-Hooksett section will only be allowed Monday through Friday from 10:00 pm to 6:00 am.

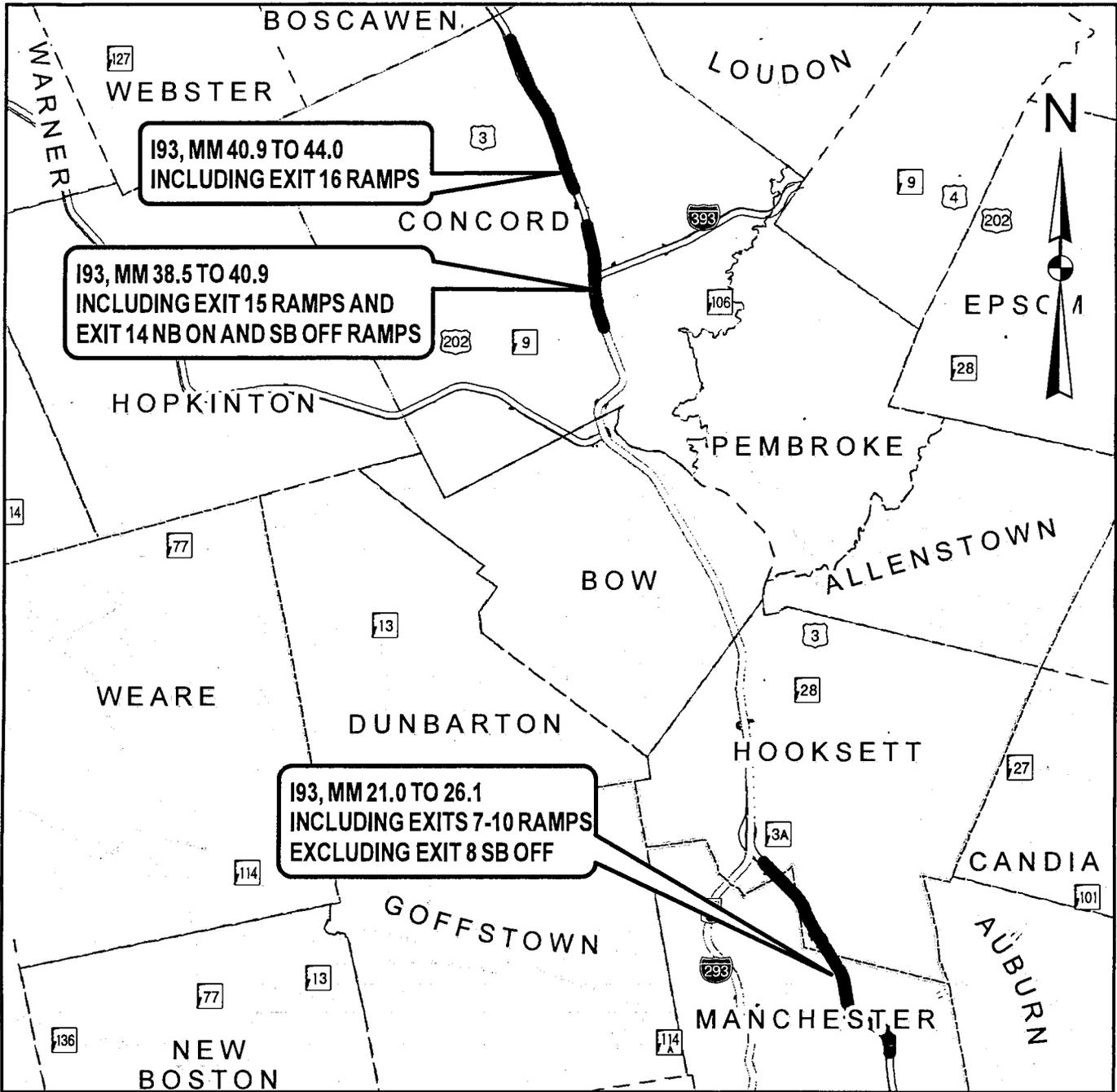
Lane closures within the Concord section will only be allowed in the northbound direction Sunday through Thursday from 9:00 pm to 6:00 am, and in the southbound direction Monday through Friday, 9:00 pm to 6:00 am.

Ramps will only be closed at night, one at a time, to accomplish the work. Motorists will be advised of ramp closures 6 days in advance of the closure and detoured to alternate routes during the work. For most ramp detours, vehicles will be directed to the next off ramp or interchange for a turnaround.

Work will not be permitted during Loudon NASCAR race weekends including the Friday before and the Monday after.

**FINAL COMPLETION DATE:** July 28, 2017

# MANCHESTER-HOOKSETT & CONCORD

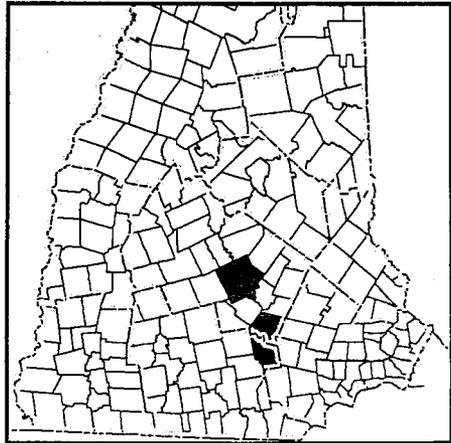


**LEGEND**

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

*New Hampshire*  
**DOT**  
*Department of Transportation*

State #: 40400  
Federal #: X-A004 (387)  
**LOCATION MAP**



PROJECT: MANCHESTER-HOOKSETT-CONCORD  
 STATE PROJECT NUMBER: 40400  
 FED. PROJECT NUMBER: X-A004(387)  
 DATE BIDS OPEN: September 01, 2016,  
 SCOPE OF WORK: I-93 Crack Seal from mm 21 to 26.1 and mm 38.5 to 44 incl. ramps at exits 8, 9, 10,  
 14, 15, & 16  
 COMPLETION DATE: July 28, 2017  
 LOCATION: Hillsborough, Merrimack

Awarded To: ANNSEAL, INC.  
 130 MAIN STREET, STE 3  
 JOHNSON CITY, NY 13790

Amount: \$423,800.00  
 Certified by: PETER.E.STAMINAS  
Director of Project Development

Award Date:

Summary of Bidders

Contractor	Bid Amount	Rank
ANNSEAL, INC. 130 MAIN STREET, STE 3, JOHNSON CITY NY 13790	\$423,800.00	A
NICOM COATINGS CORPORATION 140 INDUSTRIAL LANE-BERLIN, BARRE VT 05641-0727	\$584,440.00	B
SEALCOATING, INC. 825 GRANITE STREET, BRAINTREE MA 02184	\$651,454.00	C

Item No.	Description	Unit	Quantity	PS&E		ANNSEAL, INC. 130 MAIN STREET, STE 3 JOHNSON CITY, NY 13790		NICOM COATINGS CORPORATION 140 INDUSTRIAL LANE-BERLIN BARRE, VT 05641-0727	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

413.1	HOT-POURED CRACK SEALANT	LB	128,000,000	\$1.45	\$185,600.00	\$1.75	\$224,000.00	\$2.08	\$266,240.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	1,200,000	\$1.75	\$2,100.00	\$3.75	\$4,500.00	\$3.50	\$4,200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	45,000,000	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$70,000.00	\$70,000.00	\$129,025.00	\$129,025.00	\$175,000.00	\$175,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$3,000.00	\$6,000.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	36,000	\$400.00	\$14,400.00	\$150.00	\$5,400.00	\$500.00	\$18,000.00
692.	MOBILIZATION	U	1,000	\$25,000.00	\$25,000.00	\$9,875.00	\$9,875.00	\$70,000.00	\$70,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000,000	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00

Totals:

\$350,100.00	\$423,800.00	\$584,440.00
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2100 6700

Item No.	Description	Unit	Quantity	PS&E		SEALCOATING, INC. 236 GRANITE STREET BRANTREE, MA 02184	
				Unit Price	Total	Unit Price	Total

**Items**

413.1	HOT-POURED CRACK SEALANT	LB	128,000.000	\$1.45	\$185,600.00	\$3.48	\$445,440.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	1,200.000	\$1.75	\$2,100.00	\$3.26	\$3,912.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	45,000.000	\$1.00	\$45,000.00	\$1.00	\$45,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$70,000.00	\$70,000.00	\$139,750.00	\$139,750.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$3,000.00	\$6,000.00	\$1,360.00	\$7,360.00
619.263	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	36,000	\$400.00	\$14,400.00	\$212.00	\$7,632.00
692.	MOBILIZATION	U	1,000	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.000	\$1.00	\$2,000.00	\$1.00	\$2,000.00

Totals: **\$350,100.00** **\$651,454.00**



# PS&E Comparison

MANCHESTER-HOOKSETT-CONCORD  
40400  
X-A004(387)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
413.1	HOT-POURED CRACK SEALANT	LB	128,000.000	\$1.75	\$224,000.00	\$1.45	\$185,600.00	\$38,400.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	1,200.000	\$3.75	\$4,500.00	\$1.75	\$2,100.00	\$2,400.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	45,000.000	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$129,025.00	\$129,025.00	\$70,000.00	\$70,000.00	\$59,025.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.000	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	(\$2,000.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	36.000	\$150.00	\$5,400.00	\$400.00	\$14,400.00	(\$9,000.00)
692.	MOBILIZATION	U	1.000	\$9,875.00	\$9,875.00	\$25,000.00	\$25,000.00	(\$15,125.00)
1010.15	FUEL ADJUSTMENT	\$	2,000.000	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
<b>Total:</b>					<b>\$423,800.00</b>		<b>\$350,100.00</b>	<b>\$73,700.00</b>



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/3/2016

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 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>NBT-Mang Insurance Agency</b> <b>66 South Broad Street</b> <b>Norwich, NY 13815</b>	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): <b>(800) 965-6264</b> FAX (A/C, No): <b>(607) 334-4162</b>	
	<b>E-MAIL ADDRESS:</b>	
<b>INSURED</b>  <b>Annseal Inc</b> <b>130 Main Street Ste 3</b> <b>Johnson City, NY 13790</b>	<b>INSURER(S) AFFORDING COVERAGE</b> <b>NAIC #</b>	
	<b>INSURER A : The Travelers Indemnity Company of Connecticut</b> <b>25682</b>	
	<b>INSURER B : Travelers Property Casualty Company of America</b> <b>25674</b>	
	<b>INSURER C : Travelers Indemnity Company of America</b> <b>25666</b>	
	<b>INSURER D :</b>	
	<b>INSURER E :</b>	

**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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			<b>CO7F264337</b>	<b>04/01/2016</b>	<b>04/01/2017</b>	EACH OCCURRENCE \$ <b>1,000,000</b> DAMAGE TO RENTED PREMISES (Ea occurrence) \$ <b>300,000</b> MED EXP (Any one person) \$ <b>5,000</b> PERSONAL & ADV INJURY \$ <b>1,000,000</b> GENERAL AGGREGATE \$ <b>2,000,000</b> PRODUCTS - COMP/OP AGG \$ <b>2,000,000</b> \$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			<b>8107F264337</b>	<b>04/01/2016</b>	<b>04/01/2017</b>	COMBINED SINGLE LIMIT (Ea accident) \$ <b>1,000,000</b> BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ <b>10,000</b>			<b>CUP7F264337</b>	<b>04/01/2016</b>	<b>04/01/2017</b>	EACH OCCURRENCE \$ <b>4,000,000</b> AGGREGATE \$ <b>4,000,000</b> \$
C	<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	<b>N</b>	<b>N/A</b>	<b>UB7F264337</b>	<b>04/01/2016</b>	<b>04/01/2017</b>	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ <b>500,000</b> E.L. DISEASE - EA EMPLOYEE \$ <b>500,000</b> E.L. DISEASE - POLICY LIMIT \$ <b>500,000</b>

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Project: Manchester-Hooksett-Concord X-A004(387), 40400 Crack Sealing

<b>CERTIFICATE HOLDER</b>  <b>New Hampshire Department of Transportation</b> <b>7 Hazen Drive</b> <b>PO Box 483</b> <b>Concord, NH 03302-0483</b>	<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.  AUTHORIZED REPRESENTATIVE 
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