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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



JEFF BRILLHART, P.E.
ACTING COMMISSIONER

Bureau of Construction
February 17, 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 R.S. Audley, Inc. (Vendor 154222) of Bow, NH on the basis of a low bid of \$539,443.90 for replacing the existing concrete bridge deck on the Hooksett Toll Plaza Access Road over the I-93 Exit 11 northbound off-ramp in Hooksett, from the date of Governor and Council approval through October 2, 2015 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

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>
04-96-96-961017-7025		
Turnpike Renewal & Replacement		
400-500870 Highway Contract Payments	\$250,000.00	\$289,443.90

2. Further authorize that a contingency in the amount of \$26,972.20 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 and is reasonable for projects of this type.

Contingency Funding is available as follows:	<u>FY 2016</u>
04-96-96-961017-7025	
Turnpike Renewal & Replacement	
400-500870 Highway Contract Payments	\$26,972.20

EXPLANATION

This project is part of the Turnpike Bureau's Renewal and Replacement Program. The work involves replacement of the existing concrete bridge over the Exit 11 northbound off-ramp that serves to access the toll plaza from the maintenance facility off Hackett Hill Road. The underside of this bridge deck was spalling and falling onto the Exit 11 ramp below and the bridge joints have failed. Although maintenance efforts addressed the spalling issue as an interim measure, a recent bridge inspection rated the bridge deck condition as "poor" placing this structure on the Department's Red List for bridges. Upon completion of these improvements, the bridge will be removed from the Department's Red List for bridges.

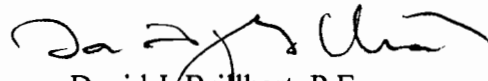
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The contingency amount is proposed to be 5% of the item cost is proposed for this contract to address any unanticipated needs.

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: \$571,107.00

Contract Amount: \$539,443.90

Under Estimate: \$ 31,663.10

Attachments

PROJECT: HOOKSETT

STATE NO: 29494

Date: December 29, 2014

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project will replace the existing concrete bridge deck on the Hooksett Toll Plaza Access Road over the I-93 Exit 11 Northbound Off Ramp, to include the replacement of the bridge joints, as well as pavement modifications and guardrail improvements on the approaches to the bridge. This project will be utilizing a 2-phase construction operation (unsignalized alternating one-way traffic).

FEDERAL FUNDING: 0% (100% Turnpike funded from the R&R program in State FY 2015 and 2016)

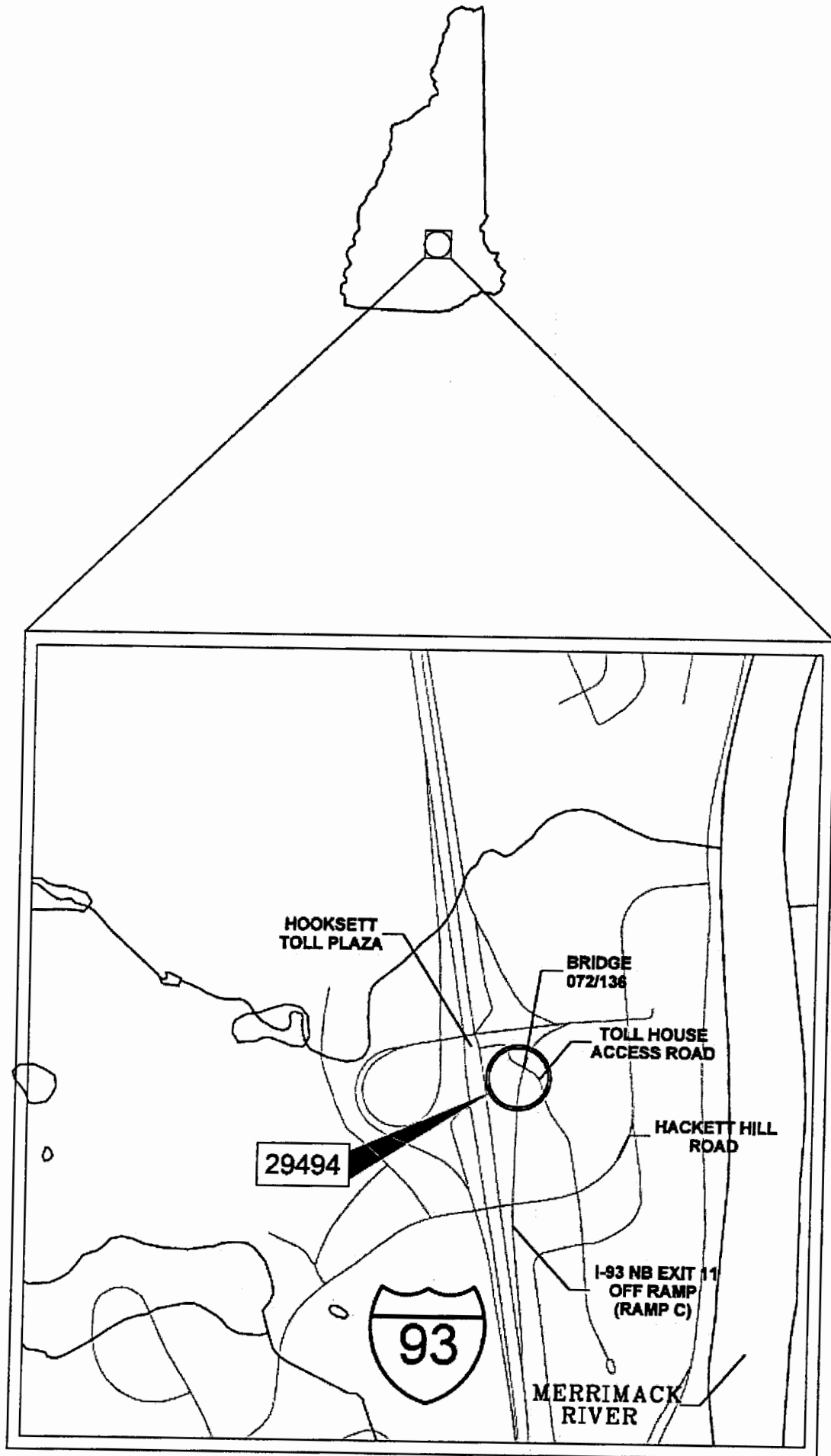
CONTINGENCY: A contingency amount of 5% of the item cost is proposed for this contract to address any unanticipated needs.

PROJECT INITIATED: Bureau of Turnpikes Renewal and Replacement Program

EXPLANATION: The underside of this bridge deck was spalling and falling onto the Exit 11 ramp below and the bridge joints have failed. Although maintenance efforts addressed the spalling issue, a recent bridge inspection rated the bridge deck condition as "poor" placing this structure on the Department's "Red List" for bridges. Upon completion of these improvements, the bridge will be removed from the "Red List" and the useful life extended avoiding more costly improvements in the future.

TRAFFIC IMPLICATIONS: The phased construction operation will minimize traffic impacts along the toll plaza access road. Traffic shifts (side to side to accommodate construction operations above) are expected along the I-93 Exit 11 NB Off ramp below the bridge. No ramp or access road closures are anticipated; however detour requirements have been noted in the contract documents if they do become necessary.

COMPLETION DATE: October 2, 2015



**State of New Hampshire
Department of Transportation**

29494.01

Project:	HOOKSETT N/A 29494	
County and Code:	MERRIMACK COUNTY 013	
Date Bids Open:	February 5, 2015	
Scope of Work:	BRIDGE REHABILITATION	
Location:	HOOKSETT TOLL PLAZA ACCESS ROAD OVER THE I-93 EXIT 11 NORTHBOUND OFF RAMP	
Completion Date:	October 2, 2015	
A R. S. AUDLEY, INC. 609 ROUTE 3A, BOW, NH 03304		\$539,443.90
B T BUCK CONSTRUCTION INC (B001) 249 MERROW RD AUBURN, ME 04210		\$591,855.00
CEVROKS CORP. PO BOX 669 WINNISQUAM, NH 03289		\$619,654.85
D GEORGE R. CAIRNS AND SONS, INC. 8 LEDGE RD., WINDHAM, NH 03087		\$631,269.50
E RM PIPER INC (R001) PO BOX 490 PLYMOUTH, NH 03264		\$684,380.25

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
202.7	REMOVAL OF GUARDRAIL	LF	220.00	\$1.00	\$220.00	\$3.00	\$660.00	\$1.00	\$220.00		
203.1	COMMON EXCAVATION	CY	3.00	\$85.00	\$255.00	\$75.00	\$225.00	\$100.00	\$300.00		
203.5555	GUARDRAIL 25' EAGRT PLATFORM	U	2.00	\$700.00	\$1,400.00	\$2,100.00	\$4,200.00	\$800.00	\$1,600.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$90.00	\$900.00	\$40.00	\$400.00	\$50.00	\$500.00		
209.2	GRANULAR BACKFILL (BRIDGE)	CY	19.00	\$80.00	\$1,520.00	\$50.00	\$950.00	\$75.00	\$1,425.00		
304.3	CRUSHED GRAVEL (F)	CY	3.00	\$85.00	\$255.00	\$75.00	\$225.00	\$75.00	\$225.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	50.00	\$200.00	\$10,000.00	\$200.00	\$10,000.00	\$250.00	\$12,500.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	3.00	\$400.00	\$1,200.00	\$400.00	\$1,200.00	\$500.00	\$1,500.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	200.00	\$7.25	\$1,450.00	\$8.00	\$1,600.00	\$2.50	\$500.00		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	11.00	\$400.00	\$4,400.00	\$400.00	\$4,400.00	\$400.00	\$4,400.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	340.00	\$12.00	\$4,080.00	\$12.00	\$4,080.00	\$12.00	\$4,080.00		
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$77,500.00	\$77,500.00	\$90,000.00	\$90,000.00	\$110,500.00	\$110,500.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	19.00	\$70.00	\$1,330.00	\$55.00	\$1,045.00	\$50.00	\$950.00		
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	15.00	\$1,250.00	\$18,750.00	\$460.00	\$6,900.00	\$550.00	\$8,250.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTING	CY	15.00	\$2,100.00	\$31,500.00	\$2,000.00	\$30,000.00	\$1,705.00	\$25,575.00		
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	59.00	\$1,000.00	\$59,000.00	\$1,300.00	\$76,700.00	\$1,440.00	\$84,960.00		
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	30.00	\$86.00	\$2,580.00	\$135.00	\$4,050.00	\$75.00	\$2,250.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	6.00	\$38.00	\$228.00	\$50.00	\$300.00	\$50.00	\$300.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	195.00	\$28.00	\$5,460.00	\$31.00	\$6,045.00	\$31.00	\$6,045.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	28.00	\$10.00	\$280.00	\$20.00	\$560.00	\$10.00	\$280.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	17,887.00	\$1.50	\$26,830.50	\$1.00	\$17,887.00	\$1.85	\$33,090.95
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,254.00	\$4.35	\$5,454.90	\$5.00	\$6,270.00	\$2.85	\$3,573.90
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$48,000.00	\$48,000.00	\$59,000.00	\$59,000.00	\$52,000.00	\$52,000.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	31.00	\$135.00	\$4,185.00	\$135.00	\$4,185.00	\$135.00	\$4,185.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	31.00	\$561.00	\$17,391.00	\$600.00	\$18,600.00	\$815.00	\$25,265.00
562.1	SILICONE JOINT SEALANT (F)	LF	14.00	\$35.00	\$490.00	\$25.00	\$350.00	\$25.00	\$350.00
563.22	BRIDGE RAIL T2	LF	127.00	\$117.00	\$14,859.00	\$125.00	\$15,875.00	\$110.00	\$13,970.00
563.223	BRIDGE RAIL T2 WITH SNOW SCREENING	LF	143.00	\$162.00	\$23,166.00	\$160.00	\$22,880.00	\$153.00	\$21,879.00
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	1.00	\$4,500.00	\$4,500.00	\$5,100.00	\$5,100.00	\$4,850.00	\$4,850.00
565.2229	BRIDGE APPROACH RAIL T2 (STEEL POST) MODIFIED	U	2.00	\$9,200.00	\$18,400.00	\$9,500.00	\$19,000.00	\$9,605.00	\$19,210.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$350.00	\$350.00	\$750.00	\$750.00	\$1,000.00	\$1,000.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	2.00	\$1,750.00	\$3,500.00	\$1,600.00	\$3,200.00	\$1,850.00	\$3,700.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$450.00	\$450.00	\$590.00	\$590.00	\$500.00	\$500.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	50.00	\$17.00	\$850.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	90.00	\$35.00	\$3,150.00	\$71.00	\$6,390.00	\$24.00	\$2,160.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL BRACED	LF	120.00	\$65.00	\$7,800.00	\$110.00	\$13,200.00	\$59.00	\$7,080.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00	\$2,600.00	\$5,200.00
609.5	RESET GRANITE CURB	LF	50.00	\$19.50	\$975.00	\$35.00	\$1,750.00	\$30.00	\$1,500.00
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	160.00	\$18.00	\$2,880.00	\$22.00	\$3,520.00	\$21.00	\$3,360.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00	\$10,600.00	\$10,600.00
621.21	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR (WHITE)	EA	10.00	\$0.45	\$4.50	\$5.00	\$50.00	\$5.00	\$50.00
621.31	SINGLE DELINEATOR WITH POST	EA	12.00	\$29.00	\$348.00	\$35.00	\$420.00	\$35.00	\$420.00
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$32.00	\$32.00	\$38.00	\$38.00	\$40.00	\$40.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	250.00	\$1.00	\$250.00	\$3.00	\$750.00	\$2.00	\$500.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	375.00	\$3.00	\$1,125.00	\$3.00	\$1,125.00	\$1.00	\$375.00
645.531	SILT FENCE	LF	100.00	\$3.00	\$300.00	\$4.00	\$400.00	\$3.00	\$300.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	103.00	\$15.00	\$1,545.00	\$7.00	\$721.00	\$12.00	\$1,236.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$1,500.00	\$3,000.00	\$5,000.00	\$10,000.00	\$3,400.00	\$6,800.00
692	MOBILIZATION	U	1.00	\$50,000.00	\$50,000.00	\$59,264.00	\$59,264.00	\$60,500.00	\$60,500.00
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,600.00	\$12,800.00	\$500.00	\$4,000.00	\$1,700.00	\$13,600.00
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
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
					\$539,443.90		\$591,855.00		\$619,654.85

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Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
202.7	REMOVAL OF GUARDRAIL	LF	220.00	\$3.30	\$726.00	\$1.00	\$220.00
203.1	COMMON EXCAVATION	CY	3.00	\$53.00	\$159.00	\$100.00	\$300.00
203.5555	GUARDRAIL 25' EAGRT PLATFORM	U	2.00	\$1,145.00	\$2,290.00	\$1,800.00	\$3,600.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$100.00	\$1,000.00	\$50.00	\$500.00
209.2	GRANULAR BACKFILL (BRIDGE)	CY	19.00	\$78.00	\$1,482.00	\$50.00	\$950.00
304.3	CRUSHED GRAVEL (F)	CY	3.00	\$84.00	\$252.00	\$50.00	\$150.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	50.00	\$275.00	\$13,750.00	\$210.00	\$10,500.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	3.00	\$275.00	\$825.00	\$425.00	\$1,275.00
403.6	PAVEMENT JOINT ADHESIVE	LF	200.00	\$8.80	\$1,760.00	\$7.50	\$1,500.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	11.00	\$550.00	\$6,050.00	\$425.00	\$4,675.00
417	COLD PLANING BITUMINOUS SURFACES	SY	340.00	\$13.75	\$4,675.00	\$12.75	\$4,335.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$104,000.00	\$104,000.00	\$150,000.00	\$150,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	19.00	\$65.00	\$1,235.00	\$50.00	\$950.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	15.00	\$1,100.00	\$16,500.00	\$500.00	\$7,500.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTING	CY	15.00	\$1,555.00	\$23,325.00	\$1,100.00	\$16,500.00
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	59.00	\$1,435.00	\$84,665.00	\$1,750.00	\$103,250.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	30.00	\$47.00	\$1,410.00	\$100.00	\$3,000.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	6.00	\$70.00	\$420.00	\$35.00	\$210.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	195.00	\$34.00	\$6,630.00	\$35.00	\$6,825.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	28.00	\$16.50	\$462.00	\$10.00	\$280.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	17,887.00	\$1.80	\$32,196.60	\$1.25	\$22,358.75
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,254.00	\$7.60	\$9,530.40	\$4.50	\$5,643.00
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$57,000.00	\$57,000.00	\$60,000.00	\$60,000.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	31.00	\$150.00	\$4,650.00	\$150.00	\$4,650.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	31.00	\$860.00	\$26,660.00	\$750.00	\$23,250.00
562.1	SILICONE JOINT SEALANT (F)	LF	14.00	\$21.25	\$297.50	\$25.00	\$350.00
563.22	BRIDGE RAIL T2	LF	127.00	\$114.00	\$14,478.00	\$110.00	\$13,970.00
563.223	BRIDGE RAIL T2 WITH SNOW SCREENING	LF	143.00	\$158.00	\$22,594.00	\$155.00	\$22,165.00
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	1.00	\$5,300.00	\$5,300.00	\$5,150.00	\$5,150.00
565.2229	BRIDGE APPROACH RAIL T2 (STEEL POST) MODIFIED	U	2.00	\$10,265.00	\$20,530.00	\$10,200.00	\$20,400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$340.00	\$340.00	\$400.00	\$400.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	2.00	\$2,000.00	\$4,000.00	\$1,950.00	\$3,900.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$525.00	\$525.00	\$530.00	\$530.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	50.00	\$20.00	\$1,000.00	\$21.50	\$1,075.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	90.00	\$40.00	\$3,600.00	\$26.50	\$2,385.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL BRACED	LF	120.00	\$120.00	\$14,400.00	\$50.00	\$6,000.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$1,800.00	\$3,600.00	\$3,500.00	\$7,000.00
609.5	RESET GRANITE CURB	LF	50.00	\$32.00	\$1,600.00	\$15.00	\$750.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
618.7	FLAGGERS	HR	160.00	\$27.00	\$4,320.00	\$24.50	\$3,920.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$22,350.00	\$22,350.00	\$25,000.00	\$25,000.00
621.21	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR (WHITE)	EA	10.00	\$5.00	\$50.00	\$5.00	\$50.00
621.31	SINGLE DELINEATOR WITH POST	EA	12.00	\$37.00	\$444.00	\$40.00	\$480.00
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$49.00	\$49.00	\$40.00	\$40.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	250.00	\$5.00	\$1,250.00	\$2.00	\$500.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	375.00	\$2.00	\$750.00	\$2.10	\$787.50
645.531	SILT FENCE	LF	100.00	\$3.30	\$330.00	\$3.00	\$300.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	103.00	\$18.00	\$1,854.00	\$2.00	\$206.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$2,750.00	\$5,500.00	\$3,500.00	\$7,000.00
692	MOBILIZATION	U	1.00	\$33,215.00	\$33,215.00	\$65,000.00	\$65,000.00
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,530.00	\$12,240.00	\$1,200.00	\$9,600.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
					\$631,269.50		\$684,380.25

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	
202.7	REMOVAL OF GUARDRAIL	LF	220.00	\$1.00	\$220.00	\$3.00	\$660.00	(\$440.00)
203.1	COMMON EXCAVATION	CY	3.00	\$85.00	\$255.00	\$10.00	\$30.00	\$225.00
203.5555	GUARDRAIL 25' EAGRT PLATFORM	U	2.00	\$700.00	\$1,400.00	\$850.00	\$1,700.00	(\$300.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$90.00	\$900.00	\$45.00	\$450.00	\$450.00
209.2	GRANULAR BACKFILL (BRIDGE)	CY	19.00	\$80.00	\$1,520.00	\$50.00	\$950.00	\$570.00
304.3	CRUSHED GRAVEL (F)	CY	3.00	\$85.00	\$255.00	\$45.00	\$135.00	\$120.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	50.00	\$200.00	\$10,000.00	\$175.00	\$8,750.00	\$1,250.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	3.00	\$400.00	\$1,200.00	\$225.00	\$675.00	\$525.00
403.6	PAVEMENT JOINT ADHESIVE	LF	200.00	\$7.25	\$1,450.00	\$5.00	\$1,000.00	\$450.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	11.00	\$400.00	\$4,400.00	\$235.00	\$2,585.00	\$1,815.00
417	COLD PLANING BITUMINOUS SURFACES	SY	340.00	\$12.00	\$4,080.00	\$20.00	\$6,800.00	(\$2,720.00)
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$77,500.00	\$77,500.00	\$95,000.00	\$95,000.00	(\$17,500.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	19.00	\$70.00	\$1,330.00	\$50.00	\$950.00	\$380.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	15.00	\$1,250.00	\$18,750.00	\$700.00	\$10,500.00	\$8,250.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTING	CY	15.00	\$2,100.00	\$31,500.00	\$1,200.00	\$18,000.00	\$13,500.00
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	59.00	\$1,000.00	\$59,000.00	\$1,200.00	\$70,800.00	(\$11,800.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	30.00	\$86.00	\$2,580.00	\$100.00	\$3,000.00	(\$420.00)

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	6.00	\$38.00	\$228.00	\$50.00	\$300.00	(\$72.00)
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	195.00	\$28.00	\$5,460.00	\$20.00	\$3,900.00	\$1,560.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	28.00	\$10.00	\$280.00	\$10.00	\$280.00	\$0.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	17,887.00	\$1.50	\$26,830.50	\$2.00	\$35,774.00	(\$8,943.50)
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,254.00	\$4.35	\$5,454.90	\$3.00	\$3,762.00	\$1,692.90
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$48,000.00	\$48,000.00	\$50,000.00	\$50,000.00	(\$2,000.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	31.00	\$135.00	\$4,185.00	\$100.00	\$3,100.00	\$1,085.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	31.00	\$561.00	\$17,391.00	\$625.00	\$19,375.00	(\$1,984.00)
562.1	SILICONE JOINT SEALANT (F)	LF	14.00	\$35.00	\$490.00	\$10.00	\$140.00	\$350.00
563.22	BRIDGE RAIL T2	LF	127.00	\$117.00	\$14,859.00	\$115.00	\$14,605.00	\$254.00
563.223	BRIDGE RAIL T2 WITH SNOW SCREENING	LF	143.00	\$162.00	\$23,166.00	\$150.00	\$21,450.00	\$1,716.00
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	1.00	\$4,500.00	\$4,500.00	\$4,250.00	\$4,250.00	\$250.00
565.2229	BRIDGE APPROACH RAIL T2 (STEEL POST) MODIFIED	U	2.00	\$9,200.00	\$18,400.00	\$5,500.00	\$11,000.00	\$7,400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	1.00	\$350.00	\$350.00	\$325.00	\$325.00	\$25.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	2.00	\$1,750.00	\$3,500.00	\$1,700.00	\$3,400.00	\$100.00

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Item No:	Description	Unit	A-Bidder		PS&E		A-PS&E Difference	
			Quantity	Unit Price	Total	Unit Price		Total
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$450.00	\$450.00	\$500.00	\$500.00	(\$50.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	50.00	\$17.00	\$850.00	\$20.00	\$1,000.00	(\$150.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	90.00	\$35.00	\$3,150.00	\$30.00	\$2,700.00	\$450.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL BRACED	LF	120.00	\$65.00	\$7,800.00	\$200.00	\$24,000.00	(\$16,200.00)
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00	(\$1,000.00)
609.5	RESET GRANITE CURB	LF	50.00	\$19.50	\$975.00	\$11.00	\$550.00	\$425.00
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	160.00	\$18.00	\$2,880.00	\$23.00	\$3,680.00	(\$800.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$3,500.00	\$3,500.00	\$7,500.00	\$7,500.00	(\$4,000.00)
621.21	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR (WHITE)	EA	10.00	\$0.45	\$4.50	\$10.00	\$100.00	(\$95.50)
621.31	SINGLE DELINEATOR WITH POST	EA	12.00	\$29.00	\$348.00	\$35.00	\$420.00	(\$72.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$32.00	\$32.00	\$50.00	\$50.00	(\$18.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	250.00	\$1.00	\$250.00	\$3.00	\$750.00	(\$500.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	375.00	\$3.00	\$1,125.00	\$3.00	\$1,125.00	\$0.00
645.531	SILT FENCE	LF	100.00	\$3.00	\$300.00	\$4.50	\$450.00	(\$150.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	103.00	\$15.00	\$1,545.00	\$12.00	\$1,236.00	\$309.00

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	(\$3,000.00)
692	MOBILIZATION	U	1.00	\$50,000.00	\$50,000.00	\$55,000.00	\$55,000.00	(\$5,000.00)
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,600.00	\$12,800.00	\$1,300.00	\$10,400.00	\$2,400.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
					\$539,443.90		\$571,107.00	(\$31,663.10)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
2/10/2015

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).

PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Christine Holman, CPCU, CIC PHONE (A/C, No, Ext): (603) 224-2562 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESS: cholman@rowleyagency.com
INSURED R.S. Audley, Inc. 1113 Route 3-A Bow NH 03304	INSURER(S) AFFORDING COVERAGE INSURER A: Travelers NAIC # 28188 INSURER B: Crum & Forster INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: 15-16 all lines 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 <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CG0001 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC			VTNCO2398A78A-PHX-15	1/1/2015	1/1/2016	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <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			VTOCAP2398A791-COF-15	1/1/2015	1/1/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 2,000
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			VTSMJCUP2398A809-TIL-15	1/1/2015	1/1/2016	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	3A States: NH, ME VTRKUB-2398A77-8-15	1/1/2015	1/1/2016	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented			QT-660-3082B427-COF-15	1/1/2015	1/1/2016	Limit 750,000
B	Pollution			PKC100765	2/18/2015	2/18/2016	Per Claim/Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
re: Hooksett 29494 - replace the existing concrete bridge deck on the Hooksett Toll Plaza access road over the I-93 Est 11 Northbound off ramp. Certificate holder is included as an additional insured all liability policies except workers compensation when required by written contract

CERTIFICATE HOLDER State of NH Dept of Transportation PO Box 483 Concord, NH 03302-0483	CANCELLATION 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 C Holman, CPCU, CIC/C <i>Christine Holman</i>
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
2/10/2015

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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).

PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Christine Holman, CPCU, CIC	
	PHONE (A/C, No. Ext): (603) 224-2562 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESS: cholman@rowleyagency.com	
INSURED State of New Hampshire, Dept of Transportation PO Box 483 Concord NH 03302-0483	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Travelers	28188
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES CERTIFICATE NUMBER: CL1521012583 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			OCP021015	2/10/2015	2/10/2016	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
	<input checked="" type="checkbox"/> Owners, Landlord and						PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$ 3,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> OCCUR					AGGREGATE \$
		<input type="checkbox"/> CLAIMS-MADE					\$
	DED	RETENTION \$					\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A				E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Hooksett 29494- replace the existing concrete bridge deck on the hooksett toll plaza access road ove rthe I-93 Exit 11 Northbound off ramp

CERTIFICATE HOLDER	CANCELLATION
State of NH Dept of Transportation 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
	C Holman, CPCU, CIC/C <i>Christine Holman</i>