



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
April 4, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Neil H. Daniels, Inc. (Vendor 262804) of Ascutney, VT on the basis of a low bid of \$1,021,870.00 for replacement of a 3'x4' concrete box culvert on NH 10, from the date of Governor and Council approval through October 25, 2019, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments	\$421,870.00	\$600,000.00

2. Further authorize that a contingency in the amount of \$81,749.60 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 8% of the contract amount.

Funding is available as follows:	<u>FY 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments		\$81,749.60

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Culvert Replacement/Rehabilitation & Drainage Repairs (CRDR) Program. The project is located approximately 1.8 miles north of NH Route 12A, and 0.25 miles north of the Wilder Dam, on NH Route 10 in Lebanon. The project addresses a deteriorating 3' wide x 4' high concrete box culvert carrying an unnamed stream, which flows from Boston Lot Lake to the Connecticut River, under NH Route 10. The work includes replacing the inlet and outlet headwalls, stabilizing the slope above the outlet headwall, and replacing the existing box culvert with a 5' wide x 4' high reinforced concrete box culvert. The new culvert will be constructed on bedrock similar to the existing culvert.

The culvert and outlet header were constructed in the early 1930s and are in poor condition.

The proposed contingency amount is 8% of the contract amount. This is to account for irregularities in the bedrock, as well as field adjustments to the box culvert design (concrete, steel reinforcement, and/or anchoring) due to varying subsurface conditions. The contingency amount is also to account for additional slope stabilization that may be needed along the Connecticut River bank due to the unstable existing conditions and potential impacts to the bank from construction activities.

Although the bid costs exceeded the Department's estimate by 49%, the low bid of 2 bids received is felt to be reasonable for the work involved. The B bidder was within 11% of the low bid. Multiple items contributed to the overage. The alternating one-way traffic control and the steep terrain on both sides of the road provided a limited work area which makes many of the operations less efficient and more costly. The Department's estimate did not adequately account for this added difficulty. Re-advertising this project would result, in our opinion, in higher prices 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.

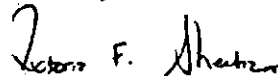
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 80% (Programmatic Culvert Replacement/Rehabilitation & Drainage Repairs Program) utilizing Turnpike Toll Credits as the State's 20% match, 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.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$ 686,400.00

Contract Amount: \$1,021,870.00

Over Estimate: \$ 335,470.00

Attachments

February 6, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: The project is located approximately 1.8 miles north of NH Route 12A, and 0.25 miles north of the Wilder Dam, on NH Route 10 in Lebanon. The project addresses a deteriorating 3' wide x 4' high concrete box culvert carrying an unnamed stream, which flows from Boston Lot Lake to the Connecticut River, under NH Route 10. The work includes replacing the inlet and outlet headwalls, stabilizing the slope above the outlet headwall, and replacing the existing box culvert with a 5' wide x 4' high reinforced concrete box culvert. The new culvert will be constructed on bedrock similar to the existing culvert.

FEDERAL FUNDING: 80% (Programmatic Culvert Replacement/Rehabilitation & Drainage Repairs Program) utilizing Turnpike Toll Credits as the State's 20% match

CONTINGENCY: The proposed contingency amount is 8% of the contract amount. This is to account for irregularities in the bedrock, as well as field adjustments to the box culvert design (concrete, steel reinforcement, and/or anchoring) due to varying subsurface conditions. The contingency amount is also to account for additional slope stabilization that may be needed along the Connecticut River bank due to the unstable existing conditions and potential impacts to the bank from construction activities.

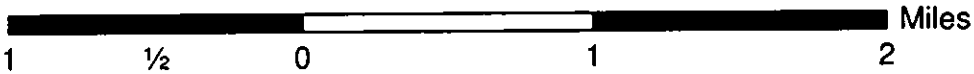
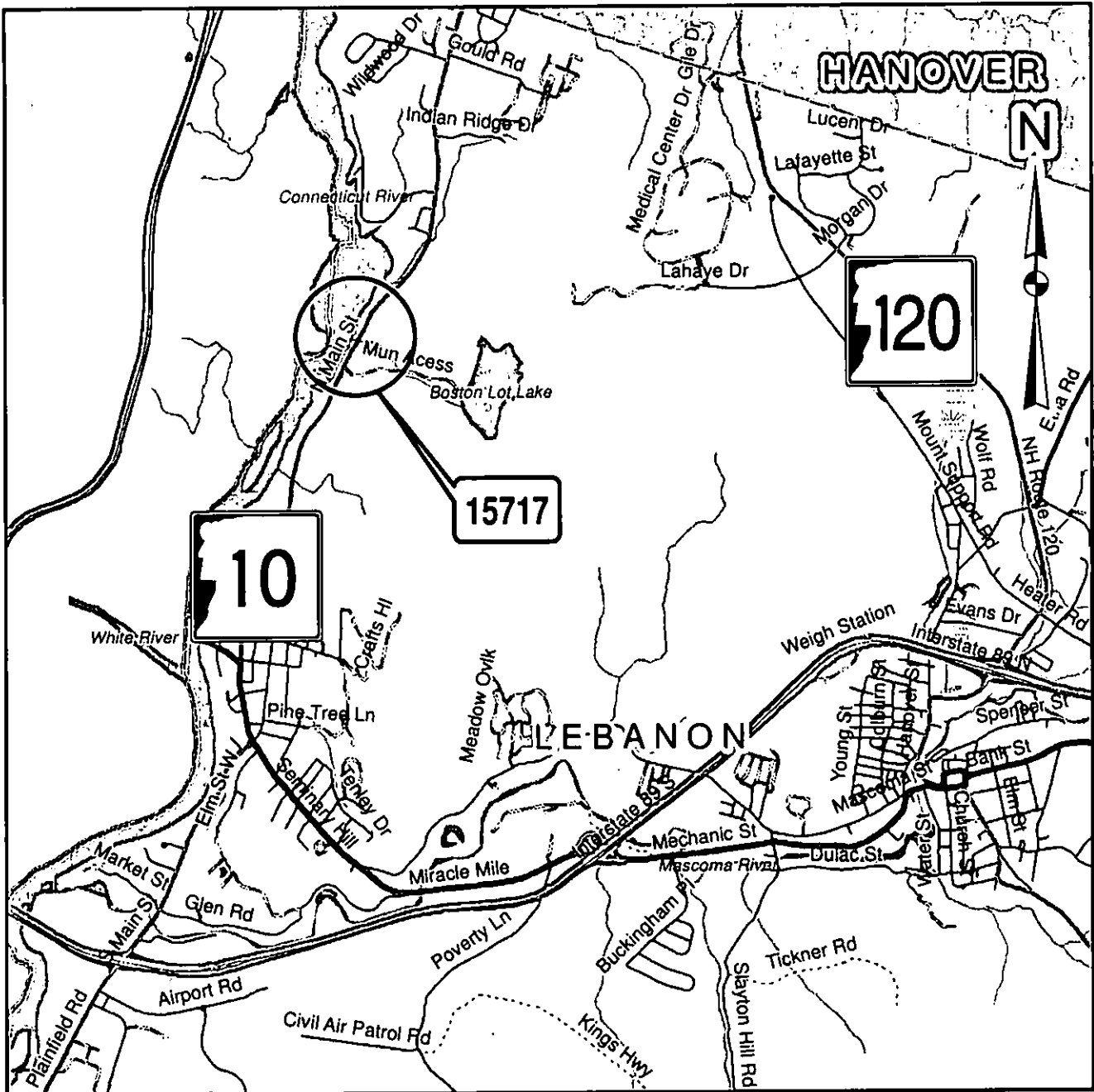
PROJECT INITIATED: Programmatic Culvert Replacement/Rehabilitation & Drainage Repairs (CRDR) Program under the State Ten-Year Transportation Improvement Plan

PROJECT EXPLANATION: The culvert and outlet header were constructed in the early 1930s and are in poor condition (deteriorating/failing). The outlet header failed in 2007, threatening the stability of the roadway.

TRAFFIC IMPLICATIONS: Two phases of one lane, alternating two-way traffic, utilizing temporary shoulder widenings and traffic signals with emergency pre-emption, will be in place during construction. Access will be maintained for emergency vehicles at all times.

COMPLETION DATE: October 25, 2019

LEBANON - NH ROUTE 10

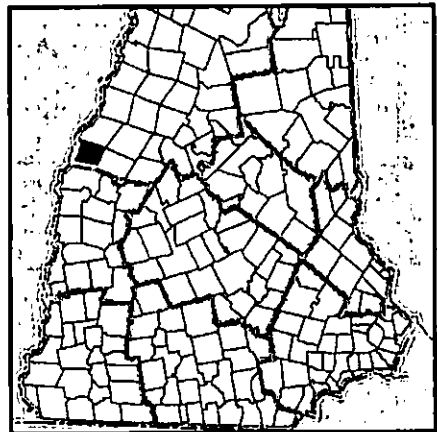


LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 15717
 Federal #: X-A000 (906)
LOCATION MAP





ABC Bid Data

LEBANON
15717
X-A000(906)

PROJECT:	LEBANON	Awarded To:	DANIELS, NEIL H. INC.	Certified by:	<u>PETER.E.STAMNAS</u>
STATE PROJECT NUMBER:	15717		4409 ROUTE 5 SOUTH		Director of Project Development
FED. PROJECT NUMBER:	X-A000(906)		ASCUTNEY, VT 05030-0246		
DATE BIDS OPEN:	March 14, 2019, 2:00	Amount:	\$1,021,870.00	Award Date:	
SCOPE OF WORK:	NH 10 replacement of 3'x4' concrete box culvert				
COMPLETION DATE:	October 25, 2019				
LOCATION:	Grafton				

Summary of Bidders

Contractor	Bid Amount	Rank
DANIELS, NEIL H. INC. 4409 ROUTE 5 SOUTH, PO BOX 246, ASCUTNEY VT 05030-0246	\$1,021,870.00	A
COLD RIVER BRIDGES LLC 10 LANBRO LANE, 10 Lanbro Lane Unit 2, WALPOLE NH 03608	\$1,137,785.00	B

Item No.	Description	Unit	Quantity	P&L		DANIELS, HEB. H. INC. 469 ROUTE 5 SOUTH ASBUTNEY, VT 05239-0248		COLD RIVER BRIDGES LLC 19 LAUREL LAKE WALPOLE, NH 03608	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	280.00	\$20.00	\$5,200.00	\$15.00	\$3,900.00	\$5.00	\$1,300.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	10.00	\$20.00	\$200.00	\$30.00	\$300.00	\$50.00	\$500.00
202.451	REMOVAL OF CULVERT	U	1.00	\$7,500.00	\$7,500.00	\$50,000.00	\$50,000.00	\$155,000.00	\$155,000.00
202.7	REMOVAL OF GUARDRAIL	LF	400.00	\$3.00	\$1,200.00	\$5.00	\$2,000.00	\$5.00	\$2,000.00
203.1	COMMON EXCAVATION	CY	450.00	\$21.00	\$9,450.00	\$25.00	\$11,250.00	\$30.00	\$13,500.00
203.11	COMMON EXCAVATION - LRS	CY	200.00	\$25.00	\$5,000.00	\$30.00	\$6,000.00	\$30.00	\$6,000.00
203.801	EMBANKMENT-IN-PLACE	CY	10.00	\$18.00	\$180.00	\$15.00	\$150.00	\$50.00	\$500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	185.00	\$25.00	\$4,625.00	\$50.00	\$9,250.00	\$50.00	\$9,250.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$25.00	\$250.00	\$100.00	\$1,000.00	\$50.00	\$500.00
206.21	ROCK STRUCTURE EXCAVATION MECHANICAL METHODS	CY	80.00	\$100.00	\$8,000.00	\$200.00	\$16,000.00	\$100.00	\$8,000.00
209.1	GRANULAR BACKFILL	CY	285.00	\$30.00	\$7,950.00	\$50.00	\$13,250.00	\$50.00	\$13,250.00
211.11	VIBRATION MONITORING SERVICES	HR	25.00	\$125.00	\$3,125.00	\$150.00	\$3,750.00	\$200.00	\$5,000.00
214.	FINE GRADING	U	1.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
304.101	SAND	CY	110.00	\$30.00	\$3,300.00	\$35.00	\$3,850.00	\$85.00	\$7,150.00
304.401	CRUSHED STONE (FINE GRADATION)	CY	85.00	\$40.00	\$3,400.00	\$40.00	\$3,400.00	\$65.00	\$5,525.00
304.501	CRUSHED STONE (COARSE GRADATION)	CY	130.00	\$40.00	\$5,200.00	\$40.00	\$5,200.00	\$85.00	\$8,450.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	240.00	\$150.00	\$36,000.00	\$200.00	\$48,000.00	\$150.00	\$36,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	20.00	\$150.00	\$3,000.00	\$200.00	\$4,000.00	\$250.00	\$5,000.00
403.6	PAVEMENT JOINT ADHESIVE	LF	950.00	\$5.00	\$4,750.00	\$2.50	\$2,375.00	\$2.00	\$1,900.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	80.00	\$150.00	\$12,000.00	\$200.00	\$16,000.00	\$250.00	\$20,000.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	110.00	\$20.00	\$2,200.00	\$15.00	\$1,650.00	\$5.00	\$550.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,400.00	\$15.00	\$21,000.00	\$10.00	\$14,000.00	\$10.00	\$14,000.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$41,000.00	\$41,000.00
503.201	COFFERDAMS	U	1.00	\$80,000.00	\$80,000.00	\$75,000.00	\$75,000.00	\$85,000.00	\$85,000.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	80.00	\$750.00	\$60,000.00	\$1,500.00	\$120,000.00	\$1,600.00	\$128,000.00
520.211	CONCRETE CLASS B, FOOTINGS (ON ROCK)	CY	95.00	\$800.00	\$77,000.00	\$1,000.00	\$95,000.00	\$1,100.00	\$104,500.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	5.00	\$110.00	\$550.00	\$100.00	\$500.00	\$100.00	\$500.00
538.1	BARRIER MEMBRANE, PEEL AND STICK (F)	SY	70.00	\$55.00	\$3,850.00	\$35.00	\$2,450.00	\$30.00	\$2,100.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	72.00	\$50.00	\$3,600.00	\$35.00	\$2,520.00	\$30.00	\$2,160.00
544.	REINFORCING STEEL (F)	LB	16,810.00	\$1.50	\$25,215.00	\$2.00	\$33,620.00	\$2.50	\$42,025.00

Item No.	Description	Unit	Quantity	P&E		DANIELS, NEIL H. INC. 4029 ROUTE 9 SOUTH ASCUTNEY, VT 05209-0248		COLD RIVER BRIDGES LLC 16 LANIERO LAKE WALPOLE, NH 03080	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	380.00	\$5.00	\$1,900.00	\$5.00	\$1,900.00	\$2.50	\$950.00
545.2	DRILLED AND GROUTED STEEL DOWELS	EA	48.00	\$100.00	\$4,800.00	\$150.00	\$7,200.00	\$30.00	\$1,440.00
585.2	STONE FILL, CLASS B	CY	200.00	\$55.00	\$11,000.00	\$50.00	\$10,000.00	\$85.00	\$17,000.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	210.00	\$5.00	\$1,050.00	\$5.00	\$1,050.00	\$3.00	\$630.00
603.0001	VIDEO INSPECTION	LF	210.00	\$5.00	\$1,050.00	\$10.00	\$2,100.00	\$5.00	\$1,050.00
603.38112	12" ALUMINIZED STEEL END SECTION	EA	1.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	15.00	\$45.00	\$675.00	\$50.00	\$750.00	\$40.00	\$600.00
603.82215	15" PE PIPE (TYPE S)	LF	190.00	\$50.00	\$9,500.00	\$50.00	\$9,500.00	\$75.00	\$14,250.00
604.0007	POLYETHYLENE LINER	EA	1.00	\$200.00	\$200.00	\$200.00	\$200.00	\$300.00	\$300.00
604.242	DROP INLETS TYPE D-B	U	1.00	\$3,171.00	\$3,171.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
604.254	DROP INLETS TYPE E, 4-FOOT DIAMETER	U	3.00	\$2,833.00	\$8,499.00	\$3,000.00	\$9,000.00	\$3,000.00	\$9,000.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	50.00	\$15.00	\$750.00	\$25.00	\$1,250.00	\$20.00	\$1,000.00
606.012	W6X3 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	5.00	\$75.00	\$375.00	\$250.00	\$1,250.00	\$100.00	\$500.00
606.0122	W6X3 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	5.00	\$15.00	\$75.00	\$250.00	\$1,250.00	\$50.00	\$250.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	480.00	\$45.00	\$21,600.00	\$50.00	\$24,000.00	\$45.00	\$21,600.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	400.00	\$20.00	\$8,000.00	\$10.00	\$4,000.00	\$20.00	\$8,000.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	4.00	\$2,500.00	\$10,000.00	\$7,500.00	\$30,000.00	\$3,000.00	\$12,000.00
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00
618.7	FLAGGERS	HR	800.00	\$23.00	\$18,400.00	\$30.00	\$24,000.00	\$35.00	\$28,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$55,000.00	\$55,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$7,500.00	\$15,000.00	\$5,000.00	\$10,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	5.00	\$20.00	\$100.00	\$5.00	\$25.00	\$5.00	\$25.00
621.31	SINGLE DELINEATOR WITH POST	EA	6.00	\$35.00	\$210.00	\$50.00	\$300.00	\$50.00	\$300.00
622.1	STEEL WITNESS MARKERS	EA	4.00	\$35.00	\$140.00	\$50.00	\$200.00	\$50.00	\$200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	100.00	\$3.50	\$350.00	\$5.00	\$500.00	\$5.00	\$500.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	8,150.00	\$1.00	\$8,150.00	\$0.50	\$4,075.00	\$1.00	\$8,150.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	25.00	\$5.00	\$125.00	\$3.00	\$75.00	\$5.00	\$125.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,650.00	\$2.60	\$4,290.00	\$1.00	\$1,650.00	\$2.00	\$3,300.00
641.	LOAM	CY	10.00	\$35.00	\$350.00	\$50.00	\$500.00	\$75.00	\$750.00
645.3	EROSION STONE	TON	35.00	\$20.00	\$700.00	\$50.00	\$1,750.00	\$75.00	\$2,625.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	540.00	\$2.00	\$1,080.00	\$2.00	\$1,080.00	\$5.00	\$2,700.00

Item No.	Description	Unit	Quantity	P&A		DANIELS, NEIL H. INC. 4489 ROUTE 5 SOUTH ASCUTNEY, VT 05230-0248		COLD RIVER BRIDGES LLC 10 LANBRO LANE WALPOLE, NH 03808	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	610.00	\$4.00	\$2,440.00	\$5.00	\$3,050.00	\$3.00	\$1,830.00
645.531	SILT FENCE	LF	500.00	\$2.50	\$1,250.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	70.00	\$60.00	\$4,200.00	\$100.00	\$7,000.00	\$100.00	\$7,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	600.00	\$2.00	\$1,200.00	\$5.00	\$3,000.00	\$2.00	\$1,200.00
647.1	HUMUS	CY	55.00	\$35.00	\$1,925.00	\$50.00	\$2,750.00	\$50.00	\$2,750.00
670.04801	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$8,000.00	\$8,000.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00
670.04802	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$14,000.00	\$14,000.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$300.00	\$300.00	\$250.00	\$250.00	\$300.00	\$300.00
692.	MOBILIZATION	U	1.00	\$90,000.00	\$90,000.00	\$75,000.00	\$75,000.00	\$95,000.00	\$95,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
Totals:				\$686,400.00	\$1,021,870.00	\$1,021,870.00	\$1,137,785.00	\$1,137,785.00	\$1,137,785.00
Ajt Totals:									
Totals:				\$686,400.00	\$1,021,870.00	\$1,021,870.00	\$1,137,785.00	\$1,137,785.00	\$1,137,785.00



PS&E Comparison

LEBANON
15717
X-A000(906)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	260.00	\$15.00	\$3,900.00	\$20.00	\$5,200.00	(\$1,300.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	10.00	\$30.00	\$300.00	\$20.00	\$200.00	\$100.00
202.451	REMOVAL OF CULVERT	U	1.00	\$50,000.00	\$50,000.00	\$7,500.00	\$7,500.00	\$42,500.00
202.7	REMOVAL OF GUARDRAIL	LF	400.00	\$5.00	\$2,000.00	\$3.00	\$1,200.00	\$800.00
203.1	COMMON EXCAVATION	CY	450.00	\$25.00	\$11,250.00	\$21.00	\$9,450.00	\$1,800.00
203.11	COMMON EXCAVATION - LRS	CY	200.00	\$30.00	\$6,000.00	\$25.00	\$5,000.00	\$1,000.00
203.601	EMBANKMENT-IN-PLACE	CY	10.00	\$15.00	\$150.00	\$18.00	\$180.00	(\$30.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	185.00	\$50.00	\$9,250.00	\$25.00	\$4,625.00	\$4,625.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$100.00	\$1,000.00	\$25.00	\$250.00	\$750.00
206.21	ROCK STRUCTURE EXCAVATION MECHANICAL METHODS	CY	80.00	\$200.00	\$16,000.00	\$100.00	\$8,000.00	\$8,000.00
209.1	GRANULAR BACKFILL	CY	265.00	\$50.00	\$13,250.00	\$30.00	\$7,950.00	\$5,300.00
211.11	VIBRATION MONITORING SERVICES	HR	25.00	\$150.00	\$3,750.00	\$125.00	\$3,125.00	\$625.00
214.	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$4,000.00
304.101	SAND	CY	110.00	\$35.00	\$3,850.00	\$30.00	\$3,300.00	\$550.00

304.401	CRUSHED STONE (FINE GRADATION)	CY	85.00	\$40.00	\$3,400.00	\$40.00	\$3,400.00	\$0.00
304.501	CRUSHED STONE (COARSE GRADATION)	CY	130.00	\$40.00	\$5,200.00	\$40.00	\$5,200.00	\$0.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	240.00	\$200.00	\$48,000.00	\$150.00	\$36,000.00	\$12,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	20.00	\$200.00	\$4,000.00	\$150.00	\$3,000.00	\$1,000.00
403.6	PAVEMENT JOINT ADHESIVE	LF	950.00	\$2.50	\$2,375.00	\$5.00	\$4,750.00	(\$2,375.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	80.00	\$200.00	\$16,000.00	\$150.00	\$12,000.00	\$4,000.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	110.00	\$15.00	\$1,650.00	\$20.00	\$2,200.00	(\$550.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,400.00	\$10.00	\$14,000.00	\$15.00	\$21,000.00	(\$7,000.00)
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00	\$40,000.00
503.201	COFFERDAMS	U	1.00	\$75,000.00	\$75,000.00	\$60,000.00	\$60,000.00	\$15,000.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	80.00	\$1,500.00	\$120,000.00	\$750.00	\$60,000.00	\$60,000.00
520.211	CONCRETE CLASS B, FOOTINGS (ON ROCK)	CY	95.00	\$1,000.00	\$95,000.00	\$600.00	\$57,000.00	\$38,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	5.00	\$100.00	\$500.00	\$110.00	\$550.00	(\$50.00)
538.1	BARRIER MEMBRANE, PEEL AND STICK (F)	SY	70.00	\$35.00	\$2,450.00	\$55.00	\$3,850.00	(\$1,400.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	72.00	\$35.00	\$2,520.00	\$50.00	\$3,600.00	(\$1,080.00)
544.	REINFORCING STEEL (F)	LB	16,810.00	\$2.00	\$33,620.00	\$1.50	\$25,215.00	\$8,405.00
544.11	REINFORCING STEEL- MECHANICAL CONNECTORS (F)	LB	380.00	\$5.00	\$1,900.00	\$5.00	\$1,900.00	\$0.00
545.2	DRILLED AND GROUTED STEEL DOWELS	EA	48.00	\$150.00	\$7,200.00	\$100.00	\$4,800.00	\$2,400.00
585.2	STONE FILL, CLASS B	CY	200.00	\$50.00	\$10,000.00	\$55.00	\$11,000.00	(\$1,000.00)
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	210.00	\$5.00	\$1,050.00	\$5.00	\$1,050.00	\$0.00
603.0001	VIDEO INSPECTION	LF	210.00	\$10.00	\$2,100.00	\$5.00	\$1,050.00	\$1,050.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	1.00	\$300.00	\$300.00	\$300.00	\$300.00	\$0.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	15.00	\$50.00	\$750.00	\$45.00	\$675.00	\$75.00

603.82215	15" PE PIPE (TYPE S)	LF	190.00	\$50.00	\$9,500.00	\$50.00	\$9,500.00	\$0.00
604.0007	POLYETHYLENE LINER	EA	1.00	\$200.00	\$200.00	\$200.00	\$200.00	\$0.00
604.242	DROP INLETS TYPE D-B	U	1.00	\$3,000.00	\$3,000.00	\$3,171.00	\$3,171.00	(\$171.00)
604.254	DROP INLETS TYPE E, 4-FOOT DIAMETER	U	3.00	\$3,000.00	\$9,000.00	\$2,833.00	\$8,499.00	\$501.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	50.00	\$25.00	\$1,250.00	\$15.00	\$750.00	\$500.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	5.00	\$250.00	\$1,250.00	\$75.00	\$375.00	\$875.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	5.00	\$250.00	\$1,250.00	\$15.00	\$75.00	\$1,175.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	480.00	\$50.00	\$24,000.00	\$45.00	\$21,600.00	\$2,400.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	400.00	\$10.00	\$4,000.00	\$20.00	\$8,000.00	(\$4,000.00)
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	4.00	\$7,500.00	\$30,000.00	\$2,500.00	\$10,000.00	\$20,000.00
616.161	TRAFFIC SIGNALS (TEMPORARY)	U	1.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$0.00
618.7	FLAGGERS	HR	800.00	\$30.00	\$24,000.00	\$23.00	\$18,400.00	\$5,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$25,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$2,000.00	\$4,000.00	\$11,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	5.00	\$5.00	\$25.00	\$20.00	\$100.00	(\$75.00)
621.31	SINGLE DELINEATOR WITH POST	EA	6.00	\$50.00	\$300.00	\$35.00	\$210.00	\$90.00
622.1	STEEL WITNESS MARKERS	EA	4.00	\$50.00	\$200.00	\$35.00	\$140.00	\$60.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	100.00	\$5.00	\$500.00	\$3.50	\$350.00	\$150.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	8,150.00	\$0.50	\$4,075.00	\$1.00	\$8,150.00	(\$4,075.00)
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	25.00	\$3.00	\$75.00	\$5.00	\$125.00	(\$50.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	1,650.00	\$1.00	\$1,650.00	\$2.60	\$4,290.00	(\$2,640.00)
641.	LOAM	CY	10.00	\$50.00	\$500.00	\$35.00	\$350.00	\$150.00

645.3	EROSION STONE	TON	35.00	\$50.00	\$1,750.00	\$20.00	\$700.00	\$1,050.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	540.00	\$2.00	\$1,080.00	\$2.00	\$1,080.00	\$0.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	610.00	\$5.00	\$3,050.00	\$4.00	\$2,440.00	\$610.00
645.531	SILT FENCE	LF	500.00	\$5.00	\$2,500.00	\$2.50	\$1,250.00	\$1,250.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$1,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	70.00	\$100.00	\$7,000.00	\$60.00	\$4,200.00	\$2,800.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	600.00	\$5.00	\$3,000.00	\$2.00	\$1,200.00	\$1,800.00
647.1	HUMUS	CY	55.00	\$50.00	\$2,750.00	\$35.00	\$1,925.00	\$825.00
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$35,000.00	\$35,000.00	\$8,000.00	\$8,000.00	\$27,000.00
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$35,000.00	\$35,000.00	\$14,000.00	\$14,000.00	\$21,000.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$300.00	\$300.00	(\$50.00)
692.	MOBILIZATION	U	1.00	\$75,000.00	\$75,000.00	\$90,000.00	\$90,000.00	(\$15,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$500.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	(\$1,500.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

Total:					\$1,021,870.00		\$686,400.00	\$335,470.00
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/10/2019

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 have ADDITIONAL INSURED provisions or 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 Hickok & Boardman, Inc. 346 Shelburne Rd Burlington, VT 05401	CONTACT NAME: Melissa Kavanagh PHONE (A/C, No, Ext): (802) 383-1621 E-MAIL ADDRESS: mkavanagh@hbinsurance.com	FAX (A/C, No): (802) 658-0541
	INSURER(S) AFFORDING COVERAGE	
INSURED Neil H. Daniels, Inc. dba Weldtek dba Daniels Construction PO Box 246 Ascutney, VT 05030	INSURER A: Travelers Indemnity Co of America	NAIC # 25666
	INSURER B: Travelers Indemnity Co of Connecticut	25682
	INSURER C: Travelers Property Casualty Co of America	25674
	INSURER D: St Paul Surplus Lines Ins Co	30481
	INSURER E: Travelers Insurance Company	
	INSURER F:	

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	ADOL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <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:		DT-CO-9A192183-TIA-19	1/1/2019	1/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 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
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		DT-810-9A192183-TCT-19	1/1/2019	1/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP-9J227846-19-26	1/1/2019	1/1/2020	EACH OCCURRENCE \$ 6,000,000 AGGREGATE \$ 6,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N N/A	UB-9J503894-19-26-G	1/1/2019	1/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
D	Pollution Liability		ZCC-71N07127-19-SK	1/1/2019	1/1/2020	\$1,000,000 per Occur
E	Builders Risk		QT-660-9A224214-COF-19	1/1/2019	1/1/2020	\$1,000 Ded. 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Lebanon X-A000(906), 15717

30 Days notice of cancellation provided.

CERTIFICATE HOLDER **CANCELLATION**

New Hampshire
 Department of Transportation
 John O. Morton Building
 7 Hazen Drive, P.O. 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



NEILHDA-01

MKAVANAGH

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/12/2019

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 have ADDITIONAL INSURED provisions or 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 Hickok & Boardman, Inc. 346 Shelburne Rd Burlington, VT 05401	CONTACT NAME: Melissa Kavanagh PHONE (AC, No, Ext): (802) 383-1621 FAX (AC, No): (802) 658-0541 E-MAIL ADDRESS: mkavanagh@hbinsurance.com														
INSURED State of New Hampshire 7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A : Travelers Insurance Company</td> <td></td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Travelers Insurance Company		INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N N/A If yes, describe under DESCRIPTION OF OPERATIONS below					<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	OCP		PRS-7E069849-IND	4/12/2019	4/12/2020	\$2,000,000 per occur 3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Proof of Coverage

Contract / Project No.: X-A000(906)15717

CERTIFICATE HOLDER

CANCELLATION

Proof of Coverage Proof of Coverage	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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