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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 12, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Evroks Corporation (Vendor 155652) of Northfield, NH on the basis of a low bid of \$1,182,310.50, for replacement of the concrete deck slab bridge superstructure which carries US Route 3 over the NH Railroad (Br. No. 131/154), from the date of Governor and Council approval through May 29, 2020, 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:

Table with 3 columns: Funding description, FY 2019, FY 2020. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$282,310.50 \$900,000.00

2. Further authorize that a contingency in the amount of \$59,115.53 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.

Table with 3 columns: Funding description, FY 2019, FY 2020. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$59,115.53

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This project consists of the replacement of the 1933 concrete deck slab superstructure which carries US Route 3 over the NH Railroad (Br. No. 131/154) in Weirs Beach. There will also be minor repairs to the substructure and associated approach roadway and sidewalk work (sidewalk work includes the sidewalk on Weirs Channel Br. No. 133/154).

In 1933 the existing bridge was built by widening an 1848 split stone substructure with mass concrete walls and casting a varying length concrete deck slab on top of it. The deck slab thickness also varies, to create the required cross-slopes. In 2009 the bridge was added to the red list with a condition rating of 4 (poor) for the Deck and Superstructure. In March 2018 the various components of the bridge were rated

as follows, Deck: 4, Superstructure: 4, Substructure: 5. It is currently number 28 on the State's 2017 R&R Bridge Priority List.

Although the bid costs exceeded the Department's estimate by 12.78%, the low bid of 3 bids received is felt to be reasonable for the work involved. Six items of work contributed to 100% of the overage; Class AA concrete, precast box beams, traffic control (3) and mobilization. Risks associated with an archeological resource and tight work area likely impacted bid prices to a greater extent than accounted for in our estimate. 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.

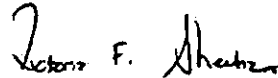
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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% Federal funds 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:	\$1,048,305.00
Contract Amount:	<u>\$1,182,310.50</u>
Over Estimate:	\$ 134,005.50
Attachments	

March 19, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of the replacement of the 1933 concrete deck slab superstructure which carries US Route 3 over the NH Railroad (Br. No. 131/154). There will also be minor repairs to the substructure and associated approach roadway & sidewalk work (sidewalk work includes the sidewalk on Weirs Channel Br. No. 133/154).

FEDERAL FUNDING: 80% (Bridge Tier 1-2 Rehabilitation-Reconstruction) with utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 5%. The majority of this work and its limits are straight forward with the exception of the repairs to the mass concrete wall. Although the true limits of this work won't be known until construction, it is a small portion of the project and presents only a small cost increase risk.

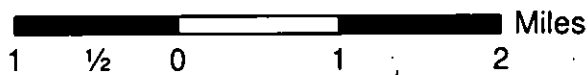
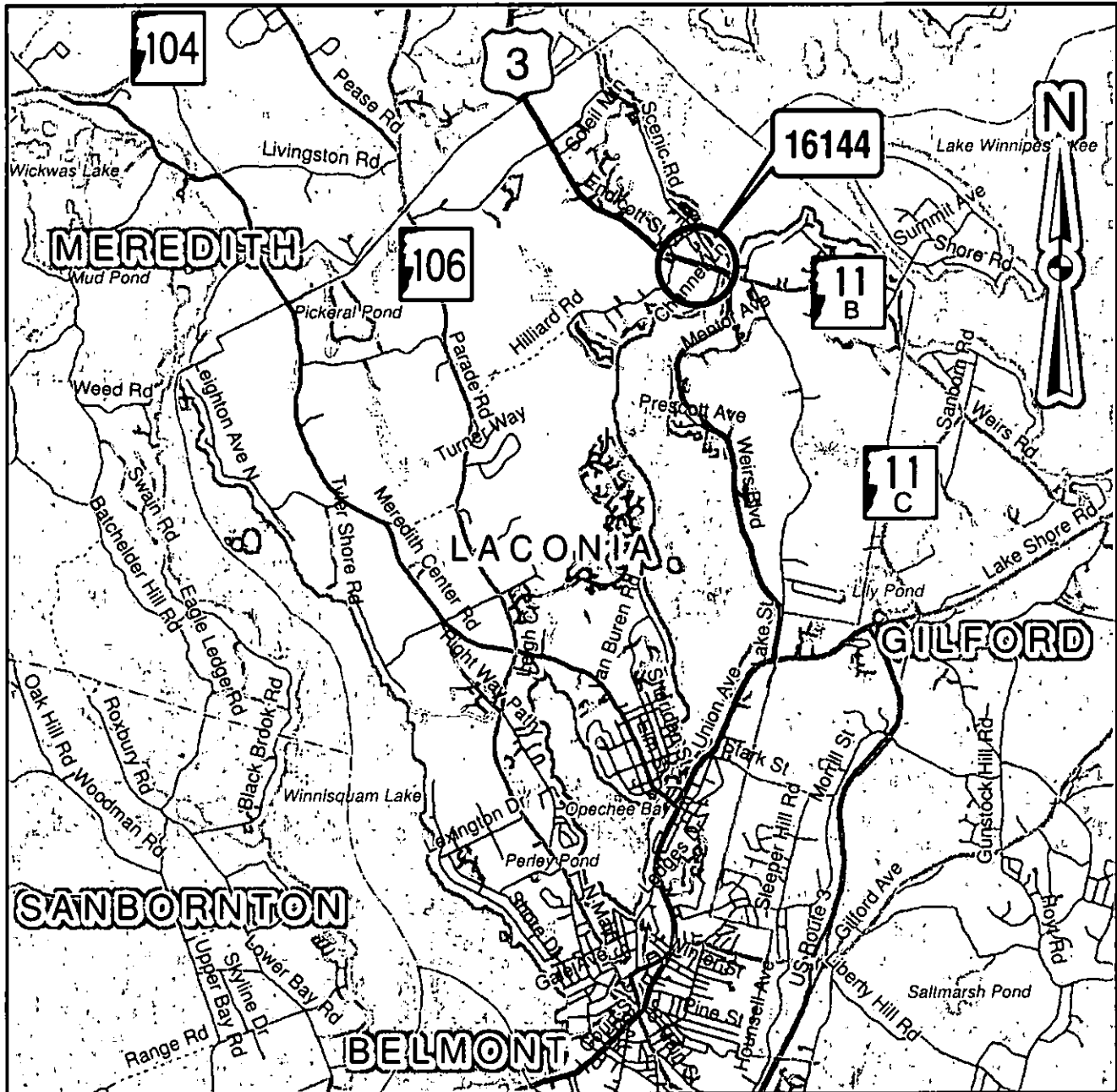
PROJECT INITIATED: 2017-2026 State Ten-Year Transportation Improvement Plan

PROJECT EXPLANATION: In 1933 the existing bridge was built by widening an 1848 split stone substructure with mass concrete walls and casting a varying length concrete deck slab on top of it. The deck slab thickness also varies, to create the required cross-slopes. In 2009 the bridge was added to the red list with a condition rating of 4 (poor) for the Deck and Superstructure. In March 2018 the various components of the bridge were rated as follows, Deck: 4, Superstructure: 4, Substructure: 5. It is currently number 28 on the State's 2017 R & R Bridge Priority List.

TRAFFIC IMPLICATION: Between Monday 3/16/20 & Friday 5/15/20 the Contractor may have one 30 day closure to remove and replace the existing superstructure and open US Route 3 to two lanes of traffic. An incentive/disincentive will be in place to encourage early completion of the work.

FINAL COMPLETION DATE: May 29th, 2020 (Friday)

Laconia - US Route 3 over NHRR



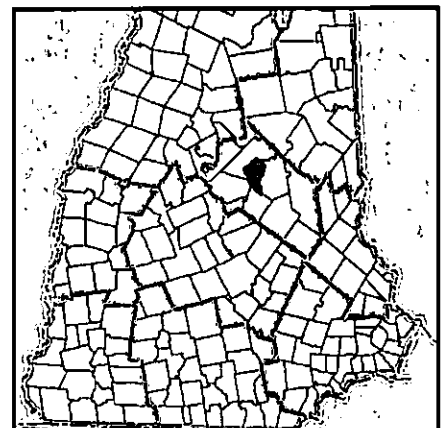
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 16144
 Federal #: X-A001 (150)

LOCATION MAP





ABC Bid Data

LACONIA
16144
X-A001(150)

PROJECT:	LACONIA	Awarded To:	EVROKS CORPORATION
STATE PROJECT NUMBER:	16144		23 INDUSTRIAL DRIVE
FED. PROJECT NUMBER:	X-A001(150)		NORTHFIELD, NH 03276
DATE BIDS OPEN:	April 11, 2019, 2:00	Amount:	\$1,182,310.50
SCOPE OF WORK:	Bridge Rehabilitation, Superstructure Replacement, carrying US 3 over NH Railroad (Red List)	Certified by:	<u>PETER E. STAMNAS</u> Director of Project Development
COMPLETION DATE:	May 29, 2020	Award Date:	
LOCATION:	Belknap		

Summary of Bidders

Contractor	Bid Amount	Rank
EVROKS CORPORATION 23 INDUSTRIAL DRIVE, NORTHFIELD NH 03276	\$1,182,310.50	A
SWETT, E. D. INC. 8 INDUSTRIAL PARK DR, CONCORD NH 03301-8512	\$1,209,267.50	B
GRM CONSTRUCTORS INC. 30 BONNEY STREET, PO BOX B, FREEPORT ME 04032	\$1,278,502.50	C

Item No.	Description	Unit	Quantity	P&E		EYRICKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.21	REMOVING SMALL TREES	EA	6.00	\$500.00	\$3,000.00	\$750.00	\$4,500.00	\$800.00	\$4,800.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	20.00	\$35.00	\$700.00	\$50.00	\$1,000.00	\$25.00	\$500.00
202.7	REMOVAL OF GUARDRAIL	LF	170.00	\$5.00	\$850.00	\$4.00	\$680.00	\$5.00	\$850.00
203.1	COMMON EXCAVATION	CY	300.00	\$25.00	\$7,500.00	\$25.00	\$7,500.00	\$50.00	\$15,000.00
203.2	ROCK EXCAVATION	CY	15.00	\$50.00	\$750.00	\$275.00	\$4,125.00	\$150.00	\$2,250.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	5.00	\$25.00	\$125.00	\$50.00	\$250.00	\$50.00	\$250.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$60.00	\$900.00	\$85.00	\$1,275.00	\$75.00	\$1,125.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	60.00	\$70.00	\$4,200.00	\$50.00	\$3,000.00	\$75.00	\$4,500.00
214.	FINE GRADING	U	1.00	\$1,500.00	\$1,500.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
304.2	GRAVEL (F)	CY	70.00	\$30.00	\$2,100.00	\$45.00	\$3,150.00	\$75.00	\$5,250.00
304.3	CRUSHED GRAVEL (F)	CY	90.00	\$35.00	\$3,150.00	\$50.00	\$4,500.00	\$100.00	\$9,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	55.00	\$80.00	\$4,400.00	\$225.00	\$12,375.00	\$175.00	\$9,625.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	25.00	\$94.00	\$2,350.00	\$225.00	\$5,625.00	\$175.00	\$4,375.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$150.00	\$1,500.00	\$300.00	\$3,000.00	\$175.00	\$1,750.00
403.6	PAVEMENT JOINT ADHESIVE	LF	750.00	\$1.00	\$750.00	\$1.00	\$750.00	\$1.00	\$750.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	55.00	\$10.00	\$550.00	\$20.00	\$1,100.00	\$20.00	\$1,100.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	85.00	\$10.00	\$850.00	\$30.00	\$2,550.00	\$30.00	\$2,550.00
502.	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$147,000.00	\$147,000.00	\$120,000.00	\$120,000.00	\$100,000.00	\$100,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	130.00	\$65.00	\$8,450.00	\$50.00	\$6,500.00	\$75.00	\$9,750.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	45.00	\$1,000.00	\$45,000.00	\$600.00	\$27,000.00	\$750.00	\$33,750.00
520.0102	CONCRETE CLASS AA (QC/QA) (F)	CY	11.00	\$1,000.00	\$11,000.00	\$1,400.00	\$15,400.00	\$1,250.00	\$13,750.00
520.01227	CONCRETE CLASS AA (QC/QA) (PRECAST OPTION) (F)	CY	13.00	\$2,200.00	\$28,600.00	\$5,890.00	\$76,570.00	\$7,750.00	\$100,750.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	4.00	\$1,800.00	\$7,200.00	\$4,000.00	\$16,000.00	\$4,000.00	\$16,000.00
520.421	CONCRETE CLASS F, FLOWABLE FILL, EXCAVATABLE	CY	15.00	\$275.00	\$4,125.00	\$500.00	\$7,500.00	\$400.00	\$6,000.00
520.7	CONCRETE BRIDGE DECK (F)	CY	22.00	\$1,400.00	\$30,800.00	\$1,400.00	\$30,800.00	\$1,250.00	\$27,500.00
528.2	EPOXY FOR NON-MOVING CRACKS	LF	60.00	\$20.00	\$1,200.00	\$150.00	\$9,000.00	\$100.00	\$6,000.00
528.3115	PRESTRESSED CONCRETE BRIDGE DECK, BUTTED DECK BEAMS (F)	SF	1,139.00	\$100.00	\$113,900.00	\$124.50	\$141,805.50	\$162.50	\$185,087.50
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	8.00	\$200.00	\$1,600.00	\$150.00	\$1,200.00	\$200.00	\$1,600.00

Item No.	Description	Unit	Quantity	PA&E		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03278		SWETT, E. D. INC. 1 INDUSTRIAL PARK DR CONCORD, NH 03301-0512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$100.00	\$2,000.00
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	5,000.00	\$3.75	\$18,750.00	\$4.00	\$20,000.00	\$5.00	\$25,000.00
545.2	DRILLED AND GROUTED STEEL DOWELS	EA	30.00	\$100.00	\$3,000.00	\$105.00	\$3,150.00	\$50.00	\$1,500.00
548.11	ELASTOMERIC BEARING PADS (F)	EA	20.00	\$250.00	\$5,000.00	\$535.00	\$10,700.00	\$300.00	\$6,000.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	65.00	\$155.00	\$10,075.00	\$100.00	\$6,500.00	\$125.00	\$8,125.00
562.1	SILICONE JOINT SEALANT (F)	LF	42.00	\$30.00	\$1,260.00	\$25.00	\$1,050.00	\$20.00	\$840.00
563.231	BRIDGE RAIL T3 WITH PROTECTIVE SCREENING	LF	33.00	\$225.00	\$7,425.00	\$265.00	\$8,745.00	\$260.00	\$8,580.00
563.241	BRIDGE RAIL T4 WITH PROTECTIVE SCREENING	LF	37.00	\$260.00	\$9,620.00	\$451.00	\$16,887.00	\$448.00	\$16,502.00
565.2301	BRIDGE APPROACH RAIL T3 (FULL HEIGHT)	LF	21.00	\$625.00	\$13,125.00	\$653.00	\$13,713.00	\$653.00	\$13,713.00
565.2329	BRIDGE APPROACH RAIL T3 (STEEL POSTS) (MODIFIED)	U	1.00	\$8,000.00	\$8,000.00	\$8,760.00	\$8,760.00	\$8,760.00	\$8,760.00
565.2401	BRIDGE APPROACH RAIL T4 (FULL HEIGHT)	LF	8.00	\$1,875.00	\$15,000.00	\$1,105.00	\$8,840.00	\$980.00	\$7,840.00
565.242	BRIDGE APPROACH RAIL T4 (STEEL POSTS)	U	1.00	\$10,000.00	\$10,000.00	\$7,655.00	\$7,655.00	\$7,655.00	\$7,655.00
570.91	RESETTING STONE MASONRY	SY	40.00	\$50.00	\$2,000.00	\$125.00	\$5,000.00	\$250.00	\$10,000.00
571.1	REPAIRING AND POINTING STONE MASONRY	SY	8.00	\$375.00	\$3,000.00	\$300.00	\$2,400.00	\$250.00	\$2,000.00
571.2	POINTING STONE MASONRY	LF	1,300.00	\$28.00	\$38,400.00	\$25.00	\$32,500.00	\$25.00	\$32,500.00
585.3	STONE FILL, CLASS C	CY	10.00	\$60.00	\$600.00	\$65.00	\$650.00	\$200.00	\$2,000.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	55.00	\$3.00	\$165.00	\$3.00	\$165.00	\$10.00	\$550.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 2) (STEEL POST)	U	1.00	\$3,000.00	\$3,000.00	\$2,850.00	\$2,850.00	\$2,850.00	\$2,850.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	30.00	\$20.00	\$600.00	\$35.00	\$1,050.00	\$35.00	\$1,050.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	80.00	\$40.00	\$3,200.00	\$25.00	\$2,000.00	\$50.00	\$4,000.00
608.34	4" REINFORCED CONCRETE SIDEWALK (F)	SY	330.00	\$90.00	\$29,700.00	\$55.00	\$18,150.00	\$80.00	\$19,800.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	8.00	\$450.00	\$3,600.00	\$450.00	\$3,600.00	\$800.00	\$4,800.00
609.01	STRAIGHT GRANITE CURB	LF	180.00	\$45.00	\$8,100.00	\$35.00	\$6,300.00	\$40.00	\$7,200.00
609.02	CURVED GRANITE CURB	LF	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00
614.74914	4" 9-DUCT PVC CONDUIT, SCHEDULE 40	LF	110.00	\$90.00	\$9,900.00	\$85.00	\$9,350.00	\$75.00	\$8,250.00
615.0301	TRAFFIC SIGN TYPE C	SF	25.00	\$65.00	\$1,625.00	\$60.00	\$1,500.00	\$40.00	\$1,000.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$150.00	\$150.00	\$100.00	\$100.00	\$50.00	\$50.00
615.0601	TRAFFIC SIGN TYPE CC	SF	15.00	\$50.00	\$750.00	\$10.00	\$150.00	\$70.00	\$1,050.00
616.26101	RECTANGULAR RAPID FLASHING BEACON	U	1.00	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00
616.26102	RECTANGULAR RAPID FLASHING BEACON	U	1.00	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,600.00	\$1.00	\$2,600.00	\$1.00	\$2,600.00	\$1.00	\$2,600.00
618.7	FLAGGERS	HR	200.00	\$25.00	\$5,000.00	\$34.50	\$6,900.00	\$40.00	\$8,000.00

Item No.	Description	Unit	Quantity	P&E		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276		SWETT, E. D. INC. 3 INDUSTRIAL PARK DR CONCORD, NH 03301-0512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$37,000.00	\$37,000.00	\$25,000.00	\$25,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	72.00	\$350.00	\$25,200.00	\$200.00	\$14,400.00	\$200.00	\$14,400.00
628.1	SAWED CONCRETE PAVEMENT	LF	20.00	\$5.00	\$100.00	\$10.00	\$200.00	\$10.00	\$200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	180.00	\$5.00	\$900.00	\$3.00	\$540.00	\$4.00	\$720.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	460.00	\$1.00	\$460.00	\$1.00	\$460.00	\$2.00	\$920.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	160.00	\$5.00	\$800.00	\$4.00	\$640.00	\$10.00	\$1,600.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	100.00	\$1.00	\$100.00	\$4.00	\$400.00	\$5.00	\$500.00
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	100.00	\$12.00	\$1,200.00	\$15.00	\$1,500.00	\$10.00	\$1,000.00
647.16	HUMUS, 6" DEEP	CY	2.00	\$50.00	\$100.00	\$50.00	\$100.00	\$50.00	\$100.00
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$35,000.00	\$35,000.00
670.9122	MOTORIZED AUTOMATIC UPSWING RIGID CANTILEVER ARM BARRIER GATE	U	1.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00
692.	MOBILIZATION	U	1.00	\$88,000.00	\$88,000.00	\$115,000.00	\$115,000.00	\$125,000.00	\$125,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,500.00	\$2,500.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
698.13	FIELD OFFICE TYPE C	MON	6.00	\$1,750.00	\$10,500.00	\$1,950.00	\$11,700.00	\$1,750.00	\$10,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1008.141	ALTERATIONS AND ADDITIONS AS NEEDED - GUARDRAIL MODIFICATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,750.00	\$1.00	\$5,750.00	\$1.00	\$5,750.00	\$1.00	\$5,750.00
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	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1010.5	COMPLETION INCENTIVE/ DISINCENTIVE	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
Totals:					\$1,048,305.00		\$1,182,310.50		\$1,209,267.50
Alt. Totals:									
Totals:					\$1,048,305.00		\$1,182,310.50		\$1,209,267.50

Item No.	Description	Unit	Quantity	P&E		CPH CONSTRUCTORS INC 30 BONNEY STREET FREEPORT, ME 04032		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

201.21	REMOVING SMALL TREES	EA	6.00	\$500.00	\$3,000.00	\$750.00	\$4,500.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	20.00	\$35.00	\$700.00	\$20.00	\$400.00		
202.7	REMOVAL OF GUARDRAIL	LF	170.00	\$5.00	\$850.00	\$5.00	\$850.00		
203.1	COMMON EXCAVATION	CY	300.00	\$25.00	\$7,500.00	\$40.00	\$12,000.00		
203.2	ROCK EXCAVATION	CY	15.00	\$50.00	\$750.00	\$125.00	\$1,875.00		
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$2,000.00	\$2,000.00	\$1,850.00	\$1,850.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	5.00	\$25.00	\$125.00	\$100.00	\$500.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$60.00	\$900.00	\$100.00	\$1,500.00		
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	60.00	\$70.00	\$4,200.00	\$90.00	\$5,400.00		
214.	FINE GRADING	U	1.00	\$1,500.00	\$1,500.00	\$7,500.00	\$7,500.00		
304.2	GRAVEL (F)	CY	70.00	\$30.00	\$2,100.00	\$85.00	\$5,950.00		
304.3	CRUSHED GRAVEL (F)	CY	90.00	\$35.00	\$3,150.00	\$85.00	\$7,650.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	55.00	\$80.00	\$4,400.00	\$175.00	\$9,625.00		
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	25.00	\$94.00	\$2,350.00	\$175.00	\$4,375.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$150.00	\$1,500.00	\$175.00	\$1,750.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	750.00	\$1.00	\$750.00	\$1.00	\$750.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	55.00	\$10.00	\$550.00	\$20.00	\$1,100.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	85.00	\$10.00	\$850.00	\$30.00	\$2,550.00		
502.	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$147,000.00	\$147,000.00	\$135,000.00	\$135,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	130.00	\$65.00	\$8,450.00	\$50.00	\$6,500.00		
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	45.00	\$1,000.00	\$45,000.00	\$725.00	\$32,625.00		
520.0102	CONCRETE CLASS AA (QC/QA) (F)	CY	11.00	\$1,000.00	\$11,000.00	\$1,500.00	\$16,500.00		
520.01227	CONCRETE CLASS AA (QC/QA) (PRECAST OPTION) (F)	CY	13.00	\$2,200.00	\$28,600.00	\$6,100.00	\$79,300.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	4.00	\$1,800.00	\$7,200.00	\$1,900.00	\$7,600.00		
520.421	CONCRETE CLASS F, FLOWABLE FILL, EXCAVATABLE	CY	15.00	\$275.00	\$4,125.00	\$375.00	\$5,625.00		
520.7	CONCRETE BRIDGE DECK (F)	CY	22.00	\$1,400.00	\$30,800.00	\$1,350.00	\$29,700.00		
526.2	EPOXY FOR NON-MOVING CRACKS	LF	60.00	\$20.00	\$1,200.00	\$66.00	\$3,960.00		
528.3115	PRESTRESSED CONCRETE BRIDGE DECK, BUTTED DECK BEAMS (F)	SF	1,139.00	\$100.00	\$113,900.00	\$110.00	\$125,290.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	8.00	\$200.00	\$1,600.00	\$110.00	\$880.00		

Item No.	Description	Unit	Quantity	P&E		CPH CONSTRUCTORS INC 38 BOWMEY STREET FREEPORT, ME 04632		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00		
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	5,000.00	\$3.75	\$18,750.00	\$1.75	\$8,750.00		
545.2	DRILLED AND GROUTED STEEL DOWELS	EA	30.00	\$100.00	\$3,000.00	\$90.00	\$2,700.00		
548.11	ELASTOMERIC BEARING PADS (F)	EA	20.00	\$250.00	\$5,000.00	\$350.00	\$7,000.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	85.00	\$155.00	\$10,075.00	\$155.00	\$10,075.00		
562.1	SILICONE JOINT SEALANT (F)	LF	42.00	\$30.00	\$1,260.00	\$16.00	\$672.00		
563.231	BRIDGE RAIL T3 WITH PROTECTIVE SCREENING	LF	33.00	\$225.00	\$7,425.00	\$290.00	\$9,570.00		
563.241	BRIDGE RAIL T4 WITH PROTECTIVE SCREENING	LF	37.00	\$260.00	\$9,620.00	\$475.00	\$17,575.00		
565.2301	BRIDGE APPROACH RAIL T3 (FULL HEIGHT)	LF	21.00	\$625.00	\$13,125.00	\$653.00	\$13,713.00		
565.2329	BRIDGE APPROACH RAIL T3 (STEEL POSTS) (MODIFIED)	U	1.00	\$8,000.00	\$8,000.00	\$8,760.00	\$8,760.00		
565.2401	BRIDGE APPROACH RAIL T4 (FULL HEIGHT)	LF	8.00	\$1,875.00	\$15,000.00	\$980.00	\$7,840.00		
565.242	BRIDGE APPROACH RAIL T4 (STEEL POSTS)	U	1.00	\$10,000.00	\$10,000.00	\$7,855.00	\$7,855.00		
570.01	RESETTING STONE MASONRY	SY	40.00	\$50.00	\$2,000.00	\$550.00	\$22,000.00		
571.1	REPAIRING AND POINTING STONE MASONRY	SY	8.00	\$375.00	\$3,000.00	\$350.00	\$2,800.00		
571.2	POINTING STONE MASONRY	LF	1,300.00	\$28.00	\$36,400.00	\$27.50	\$35,750.00		
585.3	STONE FILL, CLASS C	CY	10.00	\$80.00	\$800.00	\$75.00	\$750.00		
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	55.00	\$3.00	\$165.00	\$4.50	\$247.50		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$3,000.00	\$3,000.00	\$2,850.00	\$2,850.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	30.00	\$20.00	\$600.00	\$35.00	\$1,050.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	80.00	\$40.00	\$3,200.00	\$45.00	\$3,600.00		
608.34	4" REINFORCED CONCRETE SIDEWALK (F)	SY	330.00	\$90.00	\$29,700.00	\$67.50	\$22,275.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	8.00	\$450.00	\$3,600.00	\$950.00	\$7,600.00		
609.01	STRAIGHT GRANITE CURB	LF	180.00	\$45.00	\$8,100.00	\$50.00	\$9,000.00		
609.02	CURVED GRANITE CURB	LF	20.00	\$50.00	\$1,000.00	\$55.00	\$1,100.00		
614.74914	4" 9-DUCT PVC CONDUIT, SCHEDULE 40	LF	110.00	\$90.00	\$9,900.00	\$100.00	\$11,000.00		
615.0301	TRAFFIC SIGN TYPE C	SF	25.00	\$65.00	\$1,625.00	\$50.00	\$1,250.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$150.00	\$150.00	\$250.00	\$250.00		
615.0601	TRAFFIC SIGN TYPE CC	SF	15.00	\$50.00	\$750.00	\$30.00	\$450.00		
616.26101	RECTANGULAR RAPID FLASHING BEACON	U	1.00	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00		
616.26102	RECTANGULAR RAPID FLASHING BEACON	U	1.00	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,600.00	\$1.00	\$2,600.00	\$1.00	\$2,600.00		
618.7	FLAGGERS	HR	200.00	\$25.00	\$5,000.00	\$30.00	\$6,000.00		

Item No.	Description	Unit	Quantity	P&A		CPM CONSTRUCTORS INC 38 BONNEY STREET FREEPORT, ME 04532		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	72.00	\$350.00	\$25,200.00	\$240.00	\$17,280.00		
628.1	SAWED CONCRETE PAVEMENT	LF	20.00	\$5.00	\$100.00	\$5.00	\$100.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	180.00	\$5.00	\$900.00	\$3.75	\$675.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	460.00	\$1.00	\$460.00	\$4.00	\$1,840.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	160.00	\$5.00	\$800.00	\$4.00	\$640.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	100.00	\$1.00	\$100.00	\$5.00	\$500.00		
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	100.00	\$12.00	\$1,200.00	\$7.50	\$750.00		
647.16	HUMUS, 6" DEEP	CY	2.00	\$50.00	\$100.00	\$90.00	\$180.00		
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$20,000.00	\$20,000.00	\$100,000.00	\$100,000.00		
670.9122	MOTORIZED AUTOMATIC UPSWING RIGID CANTILEVER ARM BARRIER GATE	U	1.00	\$25,000.00	\$25,000.00	\$55,000.00	\$55,000.00		
692.	MOBILIZATION	U	1.00	\$88,000.00	\$88,000.00	\$127,000.00	\$127,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00		
698.13	FIELD OFFICE TYPE C	MON	6.00	\$1,750.00	\$10,500.00	\$1,550.00	\$9,300.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
1008.141	ALTERATIONS AND ADDITIONS AS NEEDED - GUARDRAIL MODIFICATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,750.00	\$1.00	\$5,750.00	\$1.00	\$5,750.00		
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	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00		
1010.5	COMPLETION INCENTIVE/ DISINCENTIVE	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
Totals:				\$1,048,305.00	\$1,278,502.50				
Alt. Totals:									
Totals:				\$1,048,305.00	\$1,278,502.50				



PS&E Comparison

LACONIA
16144
X-A001(150)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.21	REMOVING SMALL TREES	EA	6.00	\$750.00	\$4,500.00	\$500.00	\$3,000.00	\$1,500.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	20.00	\$50.00	\$1,000.00	\$35.00	\$700.00	\$300.00
202.7	REMOVAL OF GUARDRAIL	LF	170.00	\$4.00	\$680.00	\$5.00	\$850.00	(\$170.00)
203.1	COMMON EXCAVATION	CY	300.00	\$25.00	\$7,500.00	\$25.00	\$7,500.00	\$0.00
203.2	ROCK EXCAVATION	CY	15.00	\$275.00	\$4,125.00	\$50.00	\$750.00	\$3,375.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	(\$800.00)
203.6	EMBANKMENT-IN-PLACE (F)	CY	5.00	\$50.00	\$250.00	\$25.00	\$125.00	\$125.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$85.00	\$1,275.00	\$60.00	\$900.00	\$375.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	60.00	\$50.00	\$3,000.00	\$70.00	\$4,200.00	(\$1,200.00)
214.	FINE GRADING	U	1.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$8,500.00
304.2	GRAVEL (F)	CY	70.00	\$45.00	\$3,150.00	\$30.00	\$2,100.00	\$1,050.00
304.3	CRUSHED GRAVEL (F)	CY	90.00	\$50.00	\$4,500.00	\$35.00	\$3,150.00	\$1,350.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	55.00	\$225.00	\$12,375.00	\$80.00	\$4,400.00	\$7,975.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	25.00	\$225.00	\$5,625.00	\$94.00	\$2,350.00	\$3,275.00

403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$300.00	\$3,000.00	\$150.00	\$1,500.00	\$1,500.00
403.6	PAVEMENT JOINT ADHESIVE	LF	750.00	\$1.00	\$750.00	\$1.00	\$750.00	\$0.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	55.00	\$20.00	\$1,100.00	\$10.00	\$550.00	\$550.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	85.00	\$30.00	\$2,550.00	\$10.00	\$850.00	\$1,700.00
502.	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$120,000.00	\$120,000.00	\$147,000.00	\$147,000.00	(\$27,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	130.00	\$50.00	\$6,500.00	\$65.00	\$8,450.00	(\$1,950.00)
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	45.00	\$600.00	\$27,000.00	\$1,000.00	\$45,000.00	(\$18,000.00)
520.0102	CONCRETE CLASS AA (QC/QA) (F)	CY	11.00	\$1,400.00	\$15,400.00	\$1,000.00	\$11,000.00	\$4,400.00
520.01227	CONCRETE CLASS AA (QC/QA) (PRECAST OPTION) (F)	CY	13.00	\$5,890.00	\$76,570.00	\$2,200.00	\$28,600.00	\$47,970.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	4.00	\$4,000.00	\$16,000.00	\$1,800.00	\$7,200.00	\$8,800.00
520.421	CONCRETE CLASS F, FLOWABLE FILL, EXCAVATABLE	CY	15.00	\$500.00	\$7,500.00	\$275.00	\$4,125.00	\$3,375.00
520.7	CONCRETE BRIDGE DECK (F)	CY	22.00	\$1,400.00	\$30,800.00	\$1,400.00	\$30,800.00	\$0.00
526.2	EPOXY FOR NON-MOVING CRACKS	LF	60.00	\$150.00	\$9,000.00	\$20.00	\$1,200.00	\$7,800.00
528.3115	PRESTRESSED CONCRETE BRIDGE DECK, BUTTED DECK BEAMS (F)	SF	1,139.00	\$124.50	\$141,805.50	\$100.00	\$113,900.00	\$27,905.50
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	8.00	\$150.00	\$1,200.00	\$200.00	\$1,600.00	(\$400.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$0.00
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	5,000.00	\$4.00	\$20,000.00	\$3.75	\$18,750.00	\$1,250.00
545.2	DRILLED AND GROUTED STEEL DOWELS	EA	30.00	\$105.00	\$3,150.00	\$100.00	\$3,000.00	\$150.00
548.11	ELASTOMERIC BEARING PADS (F)	EA	20.00	\$535.00	\$10,700.00	\$250.00	\$5,000.00	\$5,700.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	65.00	\$100.00	\$6,500.00	\$155.00	\$10,075.00	(\$3,575.00)
562.1	SILICONE JOINT SEALANT (F)	LF	42.00	\$25.00	\$1,050.00	\$30.00	\$1,260.00	(\$210.00)
563.231	BRIDGE RAIL T3 WITH PROTECTIVE SCREENING	LF	33.00	\$265.00	\$8,745.00	\$225.00	\$7,425.00	\$1,320.00
563.241	BRIDGE RAIL T4 WITH PROTECTIVE SCREENING	LF	37.00	\$451.00	\$16,687.00	\$260.00	\$9,620.00	\$7,067.00

565.2301	BRIDGE APPROACH RAIL T3 (FULL HEIGHT)	LF	21.00	\$653.00	\$13,713.00	\$625.00	\$13,125.00	\$588.00
565.2329	BRIDGE APPROACH RAIL T3 (STEEL POSTS) (MODIFIED)	U	1.00	\$6,760.00	\$6,760.00	\$8,000.00	\$8,000.00	(\$1,240.00)
565.2401	BRIDGE APPROACH RAIL T4 (FULL HEIGHT)	LF	8.00	\$1,105.00	\$8,840.00	\$1,875.00	\$15,000.00	(\$6,160.00)
565.242	BRIDGE APPROACH RAIL T4 (STEEL POSTS)	U	1.00	\$7,655.00	\$7,655.00	\$10,000.00	\$10,000.00	(\$2,345.00)
570.91	RESETTING STONE MASONRY	SY	40.00	\$125.00	\$5,000.00	\$50.00	\$2,000.00	\$3,000.00
571.1	REPAIRING AND POINTING STONE MASONRY	SY	8.00	\$300.00	\$2,400.00	\$375.00	\$3,000.00	(\$600.00)
571.2	POINTING STONE MASONRY	LF	1,300.00	\$25.00	\$32,500.00	\$28.00	\$36,400.00	(\$3,900.00)
585.3	STONE FILL, CLASS C	CY	10.00	\$65.00	\$650.00	\$60.00	\$600.00	\$50.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	55.00	\$3.00	\$165.00	\$3.00	\$165.00	\$0.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$2,850.00	\$2,850.00	\$3,000.00	\$3,000.00	(\$150.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	30.00	\$35.00	\$1,050.00	\$20.00	\$600.00	\$450.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	80.00	\$25.00	\$2,000.00	\$40.00	\$3,200.00	(\$1,200.00)
608.34	4" REINFORCED CONCRETE SIDEWALK (F)	SY	330.00	\$55.00	\$18,150.00	\$90.00	\$29,700.00	(\$11,550.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	8.00	\$450.00	\$3,600.00	\$450.00	\$3,600.00	\$0.00
609.01	STRAIGHT GRANITE CURB	LF	180.00	\$35.00	\$6,300.00	\$45.00	\$8,100.00	(\$1,800.00)
609.02	CURVED GRANITE CURB	LF	20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$0.00
614.74914	4" 9-DUCT PVC CONDUIT, SCHEDULE 40	LF	110.00	\$85.00	\$9,350.00	\$90.00	\$9,900.00	(\$550.00)
615.0301	TRAFFIC SIGN TYPE C	SF	25.00	\$60.00	\$1,500.00	\$65.00	\$1,625.00	(\$125.00)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$100.00	\$100.00	\$150.00	\$150.00	(\$50.00)
615.0601	TRAFFIC SIGN TYPE CC	SF	15.00	\$10.00	\$150.00	\$50.00	\$750.00	(\$600.00)
616.26101	RECTANGULAR RAPID FLASHING BEACON	U	1.00	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	(\$2,000.00)
616.26102	RECTANGULAR RAPID FLASHING BEACON	U	1.00	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	(\$2,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	2,600.00	\$1.00	\$2,600.00	\$1.00	\$2,600.00	\$0.00

618.7	FLAGGERS	HR	200.00	\$34.50	\$6,900.00	\$25.00	\$5,000.00	\$1,900.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$37,000.00	\$37,000.00	\$20,000.00	\$20,000.00	\$17,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	72.00	\$200.00	\$14,400.00	\$350.00	\$25,200.00	(\$10,800.00)
628.1	SAWED CONCRETE PAVEMENT	LF	20.00	\$10.00	\$200.00	\$5.00	\$100.00	\$100.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	180.00	\$3.00	\$540.00	\$5.00	\$900.00	(\$360.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	460.00	\$1.00	\$460.00	\$1.00	\$460.00	\$0.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	160.00	\$4.00	\$640.00	\$5.00	\$800.00	(\$160.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	100.00	\$4.00	\$400.00	\$1.00	\$100.00	\$300.00
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	100.00	\$15.00	\$1,500.00	\$12.00	\$1,200.00	\$300.00
647.16	HUMUS, 6" DEEP	CY	2.00	\$50.00	\$100.00	\$50.00	\$100.00	\$0.00
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$40,000.00	\$40,000.00	\$20,000.00	\$20,000.00	\$20,000.00
670.9122	MOTORIZED AUTOMATIC UPSWING RIGID CANTILEVER ARM BARRIER GATE	U	1.00	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$15,000.00
692.	MOBILIZATION	U	1.00	\$115,000.00	\$115,000.00	\$88,000.00	\$88,000.00	\$27,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	(\$1,300.00)
698.13	FIELD OFFICE TYPE C	MON	6.00	\$1,950.00	\$11,700.00	\$1,750.00	\$10,500.00	\$1,200.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1008.141	ALTERATIONS AND ADDITIONS AS NEEDED - GUARDRAIL MODIFICATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS.	\$	5,750.00	\$1.00	\$5,750.00	\$1.00	\$5,750.00	\$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	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00

1010.5	COMPLETION INCENTIVE/ DISINCENTIVE	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
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Total:				\$1,182,310.50		\$1,048,305.00	\$134,005.50	
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/3/2019

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 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 CROSS INSURANCE - LACONIA 155 Court Street Laconia NH 03246	CONTACT NAME: Sarah Cullen, AINS, ACSR	
	PHONE (AG, No Ext): (603) 524-2425 FAX (AG, No): (603) 524-3666 E-MAIL ADDRESS: scullen@crossagency.com	
INSURED Evroks Corporation P.O. Box 318 Tilton NH 03276	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Acadia Ins Co.	31325
	INSURER B: Union Insurance Company	25844
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL1861252930 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 checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		CPA5248311-12	6/30/2018	6/30/2019	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 - COM/POP AGG \$ 2,000,000 GL Expansion Endorsement \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		CAA5248312-12	6/30/2018	6/30/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist BI-single limit \$ 1,000,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		CUA5248313-12	6/30/2018	6/30/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
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 N N/A	3A States: NH WCA5248314-12	6/30/2018	6/30/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

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

RE: Laconia X-A001(150), 16444
The State of New Hampshire, Department of Transportation & Railroad and Plymouth and Lincoln Railroad, their affiliates, successors and assigns, are additional insured but only with respect to liability arising out of the work performed by or on behalf of Evroks Corporation when required in a written contract.

CERTIFICATE HOLDER New Hampshire Department of Transportation PO Box 483 7 Hazen Drive Concord, NH 03302	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 S Cullen, AINS, ACSR/ <i>Sarah Cullen</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/03/2019

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PRODUCER CROSS INSURANCE - LACONIA 155 Court Street Laconia NH 03246	CONTACT NAME: Sarah Cullen, AINS, ACSR PHONE (A/C, No, Ext): (803) 524-2425 E-MAIL ADDRESS: scullen@crossagency.com	FAX (A/C, No): (803) 524-3686
	INSURER(S) AFFORDING COVERAGE	
INSURED State of New Hampshire Department of Transportation C/O Evroks Corp PO Box 318 Tilton NH 03276	INSURER A: Acadia Ins Co.	NAIC # 31325
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** CL195186120 **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.

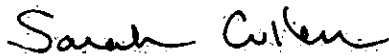
INSR LTR	TYPE OF INSURANCE	ADDL SUBR		POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
		INSD	WYD					
A	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors Protective			OCP5395415-10	05/03/2019	11/03/2020	EACH OCCURRENCE	\$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		DAMAGE TO RENTED PREMISES (Ea occurrence)				\$	
			MED EXP (Any one person)				\$	
			PERSONAL & ADV INJURY				\$	
	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> OTHER:						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
							EACH OCCURRENCE	\$
							AGGREGATE	\$
								\$
							PER STATUTE	
							OTH-ER	
							E.L. EACH ACCIDENT	\$
							E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

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

RE: Laconia X-A001(150), 16144

CERTIFICATE HOLDER

CANCELLATION

State of New Hampshire Department 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 
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/03/2019

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PRODUCER CROSS INSURANCE - LACONIA 155 Court Street Laconia NH 03246		CONTACT NAME: Sarah Cullen, AINS, ACSR PHONE (AC, No, Ext): (603) 524-2425 FAX (AC, No): (603) 524-3666 E-MAIL ADDRESS: scullen@crossagency.com	
INSURED State of New Hampshire Railroad Plymouth and Lincoln Railroad c/o Evroks Corp P.O. Box 318 Tilton NH 03276		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Ins. Co. INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL195188099 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 type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Railroad Protective Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			SPS-8J950893-IND	05/03/2019	07/03/2020	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 6,000,000 PRODUCTS - COMP/OP AGG \$ \$
	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> 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 \$ \$
	<input type="checkbox"/> 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	N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

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

RE: Laconia X-A001(150), 18144

CERTIFICATE HOLDER

CANCELLATION

 NH Department of Transportation
 PO Box 483
 7 Hazen Drive
 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

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