



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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
October 30, 2020

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Vermont Recreational Surfacing & Fencing, Inc. (Vendor 175754) of Barnet, VT, on the basis of a low bid of \$1,265,918.90 for guardrail and "F" terminal upgrades on Tier 2 and 3 roadways in District 2, from the date of Governor and Council approval through September 24, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2021, and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2022 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 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments	\$981,087.17	\$284,831.73

2. Further authorize that a contingency in the amount of \$63,295.95 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.

Funding is available as follows:	<u>FY 2021</u>	<u>FY 2022</u>
04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments		\$63,295.95

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Highway Safety Improvement Program (HSIP). This project involves the replacement of 14,500 feet of deficient cable, and w-beam guardrail associated with terminal upgrades, including one "F" terminal unit and blunt ends on bridge approaches with construction of approximately 18,500 feet of new beam guardrail including end terminals. The existing guardrail shall be upgraded to meet the current guardrail standards and are located along NH 10 (Tier 2) in Lyme, Orford, Piermont, and Haverhill; NH 25A (Tier 3) in Orford; NH 25 (Tier 3) and NH 25C (Tier 3) in Piermont; and NH 25 (Tier 2) and NH 135 (Tier 3) in Haverhill, in Maintenance District 2.

The existing cable guardrail, "F" terminal units, and blunt ends along these Tier 2 and Tier 3 roadways do not meet the current AASHTO or NHDOT safety standards. The purpose of this project is to replace the existing sub-standard rail and end units with new beam guardrail and end units that meet the current standards.

The proposed contingency amount is 5% of the contract amount. This is to account for unanticipated traffic control needs and any guardrail adjustments that may need to be made in the field.

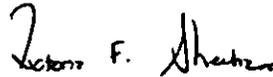
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure.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

This project funding is: 90% Federal (Highway Safety Improvement Program (HSIP)), with anticipated utilization of Turnpike Toll Credits for the State's 10% 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: \$1,287,882.50
Contract Amount: \$1,265,918.90
Under Estimate: \$ 21,963.60
Attachments



ABC Bid Data

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

PROJECT: LYME-ORFORD-PIERMONT-HAVERHILL
 STATE PROJECT NUMBER: 41913
 FED. PROJECT NUMBER: X-A004(777)
 DATE BIDS OPEN: October 15, 2020, 2:00
 SCOPE OF WORK: Upgrade cable guardrail and "F" terminals on Tier 2 & 3 highways.
 COMPLETION DATE: September 24, 2021
 LOCATION: Grafton

Awarded To: VERMONT RECREATIONAL
 SURFACING & FENCING INC
 PO BOX 147
 BARNET, VT 05821

Amount: \$1,265,918.90

Award Date:

Certified by: PETER.E.STAMNAS

Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147, BARNET VT 05821	\$1,265,918.90	A
CWS FENCE & GUARDRAIL CO PO BOX 120, ANDOVER NH 03216-3810	\$1,381,140.00	B



ABC Bid Data

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

Item No.	Description	Unit	Quantity	PS&E		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05821		CWS FENCE & GUARDRAIL CO PO BOX 120 ANDOVER, NH 03210-3810	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	14,300.00	\$2.00	\$28,600.00	\$1.75	\$25,025.00	\$3.50	\$50,050.00
203.11	COMMON EXCAVATION - LRS	CY	65.00	\$20.00	\$1,300.00	\$29.40	\$1,911.00	\$20.00	\$1,300.00
203.5661	EAGRT PLATFORM PREFERRED	U	70.00	\$1,350.00	\$94,500.00	\$1,768.25	\$123,847.50	\$2,000.00	\$140,000.00
203.5662	EAGRT PLATFORM ALTERNATE	U	5.00	\$1,200.00	\$6,000.00	\$1,533.00	\$7,665.00	\$2,000.00	\$10,000.00
203.5671	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	6.00	\$1,300.00	\$7,800.00	\$1,575.00	\$9,450.00	\$2,000.00	\$12,000.00
203.5672	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	4.00	\$1,250.00	\$5,000.00	\$1,407.00	\$5,628.00	\$2,000.00	\$8,000.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	460.00	\$30.00	\$13,800.00	\$35.70	\$16,422.00	\$33.00	\$15,180.00
203.601	EMBANKMENT-IN-PLACE	CY	100.00	\$18.00	\$1,800.00	\$35.70	\$3,570.00	\$20.00	\$2,000.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$50.00	\$2,500.00	\$102.90	\$5,145.00	\$10.00	\$500.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,500.00	\$40.00	\$100,000.00	\$28.35	\$70,875.00	\$20.00	\$50,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	5.00	\$350.00	\$1,750.00	\$288.75	\$1,443.75	\$500.00	\$2,500.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	5.00	\$100.00	\$500.00	\$3.47	\$17.35	\$30.00	\$150.00
563.307	BRIDGE RAIL T101 (RETROFIT)	LF	100.00	\$75.00	\$7,500.00	\$155.00	\$15,500.00	\$150.00	\$15,000.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	3.00	\$300.00	\$900.00	\$300.00	\$900.00	\$350.00	\$1,050.00
585.3	STONE FILL, CLASS C	CY	25.00	\$50.00	\$1,250.00	\$73.50	\$1,837.50	\$100.00	\$2,500.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	100.00	\$10.00	\$1,000.00	\$60.90	\$6,090.00	\$2.50	\$250.00
603.0001	VIDEO INSPECTION	LF	50.00	\$5.00	\$250.00	\$51.45	\$2,572.50	\$1.50	\$75.00
603.34115	15" STEEL END SECTIONS	EA	3.00	\$300.00	\$900.00	\$351.75	\$1,055.25	\$200.00	\$600.00
603.40012	12" PIPE FOR SLOPE DRAINAGE	LF	50.00	\$44.00	\$2,200.00	\$84.05	\$3,202.50	\$80.00	\$4,000.00
604.0007	POLYETHYLENE LINER	EA	4.00	\$200.00	\$800.00	\$151.20	\$604.80	\$250.00	\$1,000.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,600.00	\$2,600.00	\$3,789.50	\$3,789.50	\$3,000.00	\$3,000.00
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	3.00	\$2,100.00	\$6,300.00	\$3,349.50	\$10,048.50	\$2,000.00	\$6,000.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	40.00	\$80.00	\$3,200.00	\$60.00	\$2,400.00	\$95.00	\$3,800.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	40.00	\$22.00	\$880.00	\$20.00	\$800.00	\$15.00	\$600.00

Item No.	Description	Unit	Quantity	P&A E		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05821		CWS FENCE & GUARDRAIL CO PO BOX 120 ANDOVER, NH 03210-3819	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	28.00	\$2,800.00	\$78,400.00	\$2,968.00	\$83,104.00	\$3,450.00	\$96,600.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	46.00	\$2,600.00	\$119,600.00	\$2,968.00	\$138,528.00	\$3,450.00	\$158,700.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	10.00	\$2,500.00	\$25,000.00	\$2,568.00	\$25,680.00	\$3,250.00	\$32,500.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$850.00	\$850.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	10.00	\$3,900.00	\$39,000.00	\$2,800.00	\$28,000.00	\$3,850.00	\$38,500.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	200.00	\$30.00	\$6,000.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00
606.1297	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2 MODIFIED) (STEEL POST)	LF	270.00	\$30.00	\$8,100.00	\$42.00	\$11,340.00	\$40.00	\$10,800.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	37.60	\$28.00	\$1,050.00	\$25.00	\$937.50	\$30.00	\$1,125.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	13,000.00	\$22.00	\$286,000.00	\$20.36	\$264,680.00	\$23.00	\$299,000.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8" STEEL POST)	LF	60.00	\$28.00	\$1,400.00	\$25.00	\$1,250.00	\$25.00	\$1,250.00
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-9") (STEEL POST)	U	2.00	\$4,300.00	\$8,600.00	\$3,700.00	\$7,400.00	\$4,685.00	\$9,370.00
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	2.00	\$3,800.00	\$7,600.00	\$2,800.00	\$5,600.00	\$3,565.00	\$7,130.00
606.41211	TRANSITION MEDIAN CONCRETE BARRIER, PRECAST	U	2.00	\$3,000.00	\$6,000.00	\$3,360.00	\$6,720.00	\$3,390.00	\$6,780.00
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	1.00	\$1,800.00	\$1,800.00	\$1,400.00	\$1,400.00	\$1,950.00	\$1,950.00
606.91455	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 2)	U	1.00	\$1,200.00	\$1,200.00	\$700.00	\$700.00	\$1,500.00	\$1,500.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	100.00	\$20.00	\$2,000.00	\$14.70	\$1,470.00	\$15.00	\$1,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00
618.7	FLAGGERS	HR	1,300.00	\$35.00	\$45,500.00	\$38.00	\$49,400.00	\$40.00	\$52,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$28,035.00	\$28,035.00	\$59,000.00	\$59,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$1,250.00	\$3,750.00	\$2,500.00	\$7,500.00	\$1,600.00	\$4,800.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$800.00	\$1,600.00	\$2,000.00	\$4,000.00	\$100.00	\$200.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	4.00	\$50.00	\$200.00	\$15.00	\$60.00	\$15.00	\$60.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	280.00	\$5.00	\$1,400.00	\$5.00	\$1,400.00	\$5.00	\$1,400.00
621.31	SINGLE DELINEATOR WITH POST	EA	210.00	\$44.00	\$9,240.00	\$50.00	\$10,500.00	\$55.00	\$11,550.00
621.32	DOUBLE DELINEATOR WITH POST	EA	60.00	\$50.00	\$2,500.00	\$58.00	\$2,900.00	\$65.00	\$3,250.00



ABC Bid Data

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

Item No.	Description	Unit	Quantity	P&A E		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARRET, VT 05821		CWB FENCE & GUARDRAIL CO PO BOX 120 ANDOVER, NH 03210-3810	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
622.1	STEEL WITNESS MARKERS	EA	3.00	\$50.00	\$150.00	\$60.00	\$180.00	\$35.00	\$105.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	100.00	\$8.00	\$800.00	\$3.20	\$320.00	\$5.00	\$500.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	15,500.00	\$4.00	\$62,000.00	\$2.84	\$44,020.00	\$2.50	\$38,750.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	4,800.00	\$4.00	\$19,200.00	\$3.99	\$19,152.00	\$2.00	\$9,600.00
646.531	SILT FENCE	LF	4,800.00	\$2.75	\$13,200.00	\$3.15	\$15,120.00	\$1.00	\$4,800.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	25,050.00	\$1.25	\$31,312.50	\$0.84	\$21,042.00	\$0.50	\$12,525.00
647.1	HUMUS	CY	2,450.00	\$22.00	\$53,900.00	\$30.03	\$73,573.50	\$12.50	\$30,625.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$275.00	\$275.00
692.	MOBILIZATION	U	1.00	\$62,500.00	\$62,500.00	\$37,320.00	\$37,320.00	\$96,590.00	\$96,590.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$1,500.00	\$1,500.00	\$2,556.75	\$2,556.75	\$5,000.00	\$5,000.00
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
1006.141	ALTERATIONS AND ADDITIONS AS NEEDED - GUARDRAIL MODIFICATIONS	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Totals:					\$1,287,882.50		\$1,265,918.90		\$1,381,140.00
All Totals:									
Totals:					\$1,287,882.50		\$1,265,918.90		\$1,381,140.00



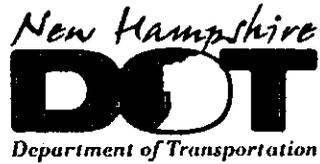
PS&E Comparison

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.7	REMOVAL OF GUARDRAIL	LF	14,300.00	\$1.75	\$25,025.00	\$2.00	\$28,600.00	(\$3,575.00)
203.11	COMMON EXCAVATION - LRS	CY	65.00	\$29.40	\$1,911.00	\$20.00	\$1,300.00	\$611.00
203.5561	EAGRT PLATFORM PREFERRED	U	70.00	\$1,769.25	\$123,847.50	\$1,350.00	\$94,500.00	\$29,347.50
203.5562	EAGRT PLATFORM ALTERNATE	U	5.00	\$1,533.00	\$7,665.00	\$1,200.00	\$6,000.00	\$1,665.00
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	6.00	\$1,575.00	\$9,450.00	\$1,300.00	\$7,800.00	\$1,650.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	4.00	\$1,407.00	\$5,628.00	\$1,250.00	\$5,000.00	\$628.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	460.00	\$35.70	\$16,422.00	\$30.00	\$13,800.00	\$2,622.00
203.601	EMBANKMENT-IN-PLACE	CY	100.00	\$35.70	\$3,570.00	\$18.00	\$1,800.00	\$1,770.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$102.90	\$5,145.00	\$50.00	\$2,500.00	\$2,645.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,500.00	\$28.35	\$70,875.00	\$40.00	\$100,000.00	(\$29,125.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	5.00	\$288.75	\$1,443.75	\$350.00	\$1,750.00	(\$306.25)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	5.00	\$3.47	\$17.35	\$100.00	\$500.00	(\$482.65)
563.307	BRIDGE RAIL T101 (RETROFIT)	LF	100.00	\$155.00	\$15,500.00	\$75.00	\$7,500.00	\$8,000.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	3.00	\$300.00	\$900.00	\$300.00	\$900.00	\$0.00
585.3	STONE FILL, CLASS C	CY	25.00	\$73.50	\$1,837.50	\$50.00	\$1,250.00	\$587.50



PS&E Comparison

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	100.00	\$60.90	\$6,090.00	\$10.00	\$1,000.00	\$5,090.00
603.0001	VIDEO INSPECTION	LF	50.00	\$51.45	\$2,572.50	\$5.00	\$250.00	\$2,322.50
603.34115	15" STEEL END SECTIONS	EA	3.00	\$351.75	\$1,055.25	\$300.00	\$900.00	\$155.25
603.40012	12" PIPE FOR SLOPE DRAINAGE	LF	50.00	\$64.05	\$3,202.50	\$44.00	\$2,200.00	\$1,002.50
604.0007	POLYETHYLENE LINER	EA	4.00	\$151.20	\$604.80	\$200.00	\$800.00	(\$195.20)
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,769.50	\$3,769.50	\$2,600.00	\$2,600.00	\$1,169.50
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	3.00	\$3,349.50	\$10,048.50	\$2,100.00	\$6,300.00	\$3,748.50
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	40.00	\$60.00	\$2,400.00	\$80.00	\$3,200.00	(\$800.00)
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	40.00	\$20.00	\$800.00	\$22.00	\$880.00	(\$80.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	28.00	\$2,968.00	\$83,104.00	\$2,800.00	\$78,400.00	\$4,704.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	46.00	\$2,968.00	\$136,528.00	\$2,600.00	\$119,600.00	\$16,928.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	10.00	\$2,568.00	\$25,680.00	\$2,500.00	\$25,000.00	\$680.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$200.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	10.00	\$2,800.00	\$28,000.00	\$3,900.00	\$39,000.00	(\$11,000.00)
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	200.00	\$40.00	\$8,000.00	\$30.00	\$6,000.00	\$2,000.00



PS&E Comparison

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.1297	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2 MODIFIED) (STEEL POST)	LF	270.00	\$42.00	\$11,340.00	\$30.00	\$8,100.00	\$3,240.00
606.141	BEAM GUARDRAIL (CURVED WCRT POSTS)	LF	37.50	\$25.00	\$937.50	\$28.00	\$1,050.00	(\$112.50)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	13,000.00	\$20.36	\$264,680.00	\$22.00	\$286,000.00	(\$21,320.00)
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	50.00	\$25.00	\$1,250.00	\$28.00	\$1,400.00	(\$150.00)
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-9") (STEEL POST)	U	2.00	\$3,700.00	\$7,400.00	\$4,300.00	\$8,600.00	(\$1,200.00)
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	2.00	\$2,800.00	\$5,600.00	\$3,800.00	\$7,600.00	(\$2,000.00)
606.41211	TRANSITION MEDIAN CONCRETE BARRIER, PRECAST	U	2.00	\$3,360.00	\$6,720.00	\$3,000.00	\$6,000.00	\$720.00
606.84	ANCHOR FOR CURVED GUARDRAIL WCRT POSTS	U	1.00	\$1,400.00	\$1,400.00	\$1,800.00	\$1,800.00	(\$400.00)
606.91455	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 2)	U	1.00	\$700.00	\$700.00	\$1,200.00	\$1,200.00	(\$500.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	100.00	\$14.70	\$1,470.00	\$20.00	\$2,000.00	(\$530.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$0.00
618.7	FLAGGERS	HR	1,300.00	\$38.00	\$49,400.00	\$35.00	\$45,500.00	\$3,900.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$28,035.00	\$28,035.00	\$50,000.00	\$50,000.00	(\$21,965.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,500.00	\$7,500.00	\$1,250.00	\$3,750.00	\$3,750.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$800.00	\$1,600.00	\$2,400.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	4.00	\$15.00	\$60.00	\$50.00	\$200.00	(\$140.00)



PS&E Comparison

LYME-ORFORD-PIERMONT-HAVERHILL

41913

X-A004(777)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	280.00	\$5.00	\$1,400.00	\$5.00	\$1,400.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	210.00	\$50.00	\$10,500.00	\$44.00	\$9,240.00	\$1,260.00
621.32	DOUBLE DELINEATOR WITH POST	EA	50.00	\$58.00	\$2,900.00	\$50.00	\$2,500.00	\$400.00
622.1	STEEL WITNESS MARKERS	EA	3.00	\$60.00	\$180.00	\$50.00	\$150.00	\$30.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	100.00	\$3.20	\$320.00	\$8.00	\$800.00	(\$480.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (MILDLIFE FRIENDLY)	SY	15,500.00	\$2.84	\$44,020.00	\$4.00	\$62,000.00	(\$17,980.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	4,800.00	\$3.99	\$19,152.00	\$4.00	\$19,200.00	(\$48.00)
645.531	SILT FENCE	LF	4,800.00	\$3.15	\$15,120.00	\$2.75	\$13,200.00	\$1,920.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	25,050.00	\$0.84	\$21,042.00	\$1.25	\$31,312.50	(\$10,270.50)
647.1	HUMUS	CY	2,450.00	\$30.03	\$73,573.50	\$22.00	\$53,900.00	\$19,673.50
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$0.00
692.	MOBILIZATION	U	1.00	\$37,320.00	\$37,320.00	\$62,500.00	\$62,500.00	(\$25,180.00)
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,556.75	\$2,556.75	\$1,500.00	\$1,500.00	\$1,056.75
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1008.141	ALTERATIONS AND ADDITIONS AS NEEDED - GUARDRAIL MODIFICATIONS	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00

Total:

\$1,265,918.90

\$1,287,882.50

(\$21,963.60)

September 9, 2020

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the replacement of 14,500 feet of deficient cable, and w-beam guardrail associated with terminal upgrades, including one "F" terminal unit and blunt ends on bridge approaches with construction of approximately 18,500 feet of new beam guardrail including end terminals. The existing guardrail shall be upgraded to meet the current guardrail standards and are located along NH 10 (Tier 2) in Lyme, Orford, Piermont, and Haverhill; NH 25A (Tier 3) in Orford; NH 25 (Tier 3) and NH 25C (Tier 3) in Piermont; and NH 25 (Tier 2) and NH 135 (Tier 3) in Haverhill, in Maintenance District 2.

FEDERAL FUNDING: 90% (Highway Safety Improvement Program (HSIP)) utilizing Turnpike Toll credits as the State's 10% match

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This is to account for unanticipated traffic control needs and any guardrail adjustments that may need to be made in the field.

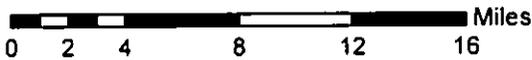
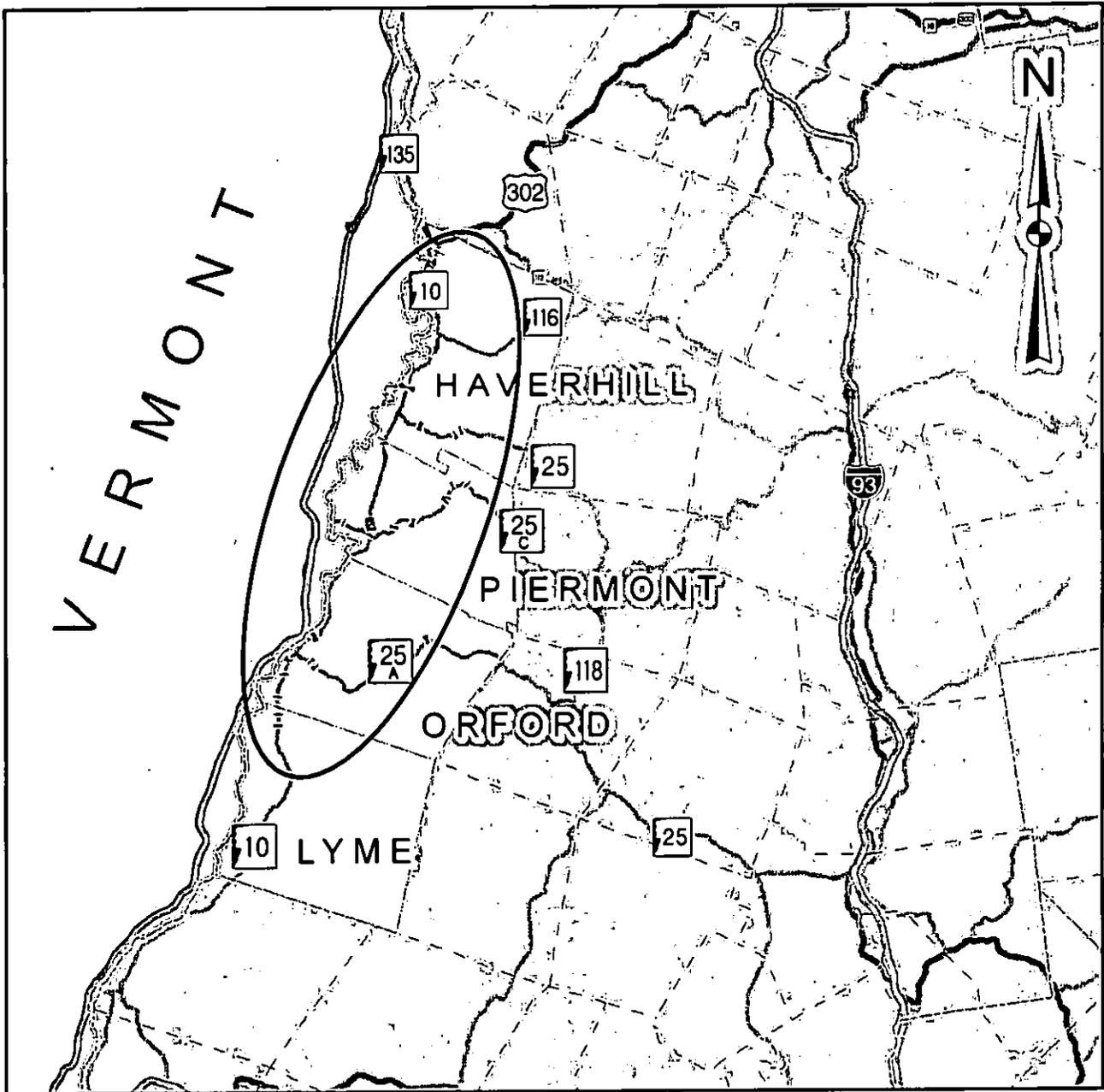
PROJECT INITIATED: This project was initiated through the State's Ten Year Plan, under the HSIP Program.

PROJECT EXPLANATION: The existing cable guardrail, "F" terminal units, and blunt ends along these Tier 2 and Tier 3 roadways do not meet the current AASHTO or NHDOT safety standards. The purpose of this project is to replace the existing sub-standard rail and end units with new beam guardrail and end units that meet the current standards.

TRAFFIC IMPLICATIONS: All work to be performed in a manner that permits two-way traffic whenever possible. Short term one-lane, alternating two-way traffic will be allowed with prior approval.

COMPLETION DATE: September 24, 2021

LYME - ORFORD - PIERMONT - HAVERHILL



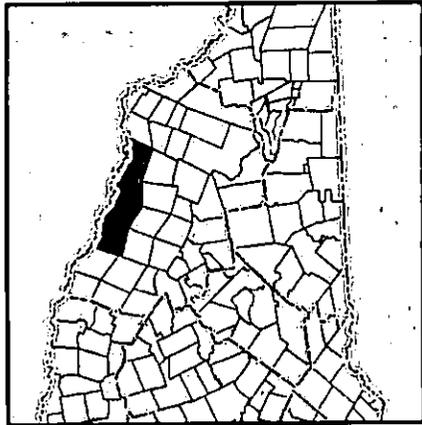
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 41913
 Federal #: X-A004 (777)

LOCATION MAP





STEVSHA-02

MISSYGARCEAU

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/22/2020

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 NFP Property & Casualty Services, Inc. PO Box 4509 723 Concord Avenue Saint Johnsbury, VT 05819	CONTACT NAME: Janet Mazza PHONE (A/C, No, Ext): (802) 651-3353 FAX (A/C, No): (802) 658-9419 E-MAIL ADDRESS: janet.mazza@nfp.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A : Continental Western Insurance Company</td> <td>10804</td> </tr> <tr> <td>INSURER B : Union Insurance Company</td> <td>25844</td> </tr> <tr> <td>INSURER C : Acadia Insurance Company</td> <td>31325</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 : Continental Western Insurance Company	10804	INSURER B : Union Insurance Company	25844	INSURER C : Acadia Insurance Company	31325	INSURER D :		INSURER E :		INSURER F :
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INSURER E :														
INSURER F :														
INSURED Vermont Recreational Surfacing & Fencing, Inc PO Box 147 Barnet, VT 05821-9738														

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"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	CPA5238715-14	4/1/2020	4/1/2021	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/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	X	CAA5238716-14	4/1/2020	4/1/2021	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 DED RETENTIONS	X	CUA5238717-14	4/1/2020	4/1/2021	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	WCA5238718-14	4/1/2020	4/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Job: Lyme-Orford-Piermont-Haverhill X-A004(777) 41913
 State of New Hampshire is additional insured on a primary and non-contributory basis for ongoing and completed operations on all liability policies, except employer's liability and professional liability, when required by written contract. A waiver of Subrogation applies when required by contract on all liability policies except professional liability.

CERTIFICATE HOLDER State of New Hampshire Department of Transportation 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 
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STEVSHA-02

JANETMAZZA

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/22/2020

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.

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PRODUCER NFP Property & Casualty Services, Inc. PO Box 4509 723 Concord Avenue Saint Johnsbury, VT 05819	CONTACT NAME: PHONE (A/C, No, Ext): (802) 748-1200 FAX (A/C, No): (802) 748-1208	
	E-MAIL ADDRESS:	
INSURED New Hampshire Dept. of Transportation PO Box 483 Concord, NH 03302	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Acadia Insurance Company NAIC # 31325	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owner's & Contractor GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER			OCP	10/22/2020	4/22/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Eg occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/POP AGG \$ \$ COMBINED SINGLE LIMIT (Eg accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	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						\$ \$ \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR 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 If yes, describe under DESCRIPTION OF OPERATIONS below			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)
 Job Description: Guardrail Repair North
 Project No.: 41913
 Contractor: Vermont Recreational Surfacing & Fencing, Inc.

CERTIFICATE HOLDER NH Dept. of Transportation PO Box 483 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 