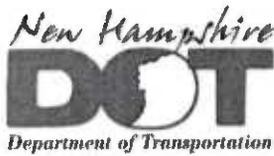


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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

42



William Cass, P.E.
Commissioner

David Rodrigue, P.E.
Assistant Commissioner
Andre Briere, Colonel, USAF (RET)
Deputy Commissioner

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

Bureau of Construction
September 13, 2023

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with C.W. Sliter & Sons, LLC d/b/a CWS Fence & Guardrail Co. (Vendor 155763) of Andover, NH, on the basis of a low bid of \$1,994,006.25 for guardrail replacement in District 2 in the Towns of Franklin, Boscawen, Enfield, Canaan, Orange, Grafton, Danbury, Wilmot, Andover and Springfield (Project: District 2 Guardrail #43132), from the date of Governor and Council approval through September 20, 2024, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2024 and 2025, 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 2024</u>	<u>FY 2025</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$1,609,447.95	\$384,558.30

2. Further authorize that a contingency in the amount of \$199,400.63 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:	<u>FY 2025</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$199,400.63

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 16,600 feet of deficient cable and w-beam guardrail associated with terminal upgrades, including blunt ends on bridge approaches, and the construction of approximately 23,000 feet of new beam guardrail including end terminals. This work is in District 2 on US Route 3 (Tier 2) in Franklin and Boscawen; US Route 4 (Tier 2) in Enfield, Canaan, Orange, Grafton, Danbury, Wilmot, Andover, and Boscawen; NH Route 4A (Tier 3) in Enfield, Grafton, Springfield, and Wilmot; and NH Route 11 (Tier 2) in Andover.

Page 2

The existing cable guardrail 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 to improve safety. The HSIP program has identified guardrail upgrades as a significant safety upgrade.

The proposed contingency amount is 10% of the contract amount. This is to account for possible fuel cost increase over a 2-season contract, as well as 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 funds (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,



William J. Cass, P.E.
Commissioner

WJC/pcj

Department Estimate:	\$2,119,637.50
Contract Amount:	<u>\$1,994,006.25</u>
Under Estimate:	\$ 125,631.25
Attachments	

PROJECT:	DISTRICT 2 GUARDRAIL	Awarded To:	CWS SLITER & SONS LLC dba
STATE PROJECT NUMBER:	43132		CWS FENCE & GUARDRAIL
FED. PROJECT NUMBER:	X-A005(047)		261 FRANKLIN ROAD
DATE BIDS OPEN:	August 17, 2023, 2:00		ANDOVER, NH 03216-3810
SCOPE OF WORK:	Replace cable guardrail, and F-Unit and blunt end terminals on Tier 2 & 3 roadways in District 2.	Amount:	\$1,994,006.25
COMPLETION DATE:	September 20, 2024	Certified by:	<u>WILLIAM J. OLDENBURG</u> Director of Project Development
LOCATION:	District 2, Sullivan, Grafton, District 5, Merrimack	Award Date:	

Summary of Bidders

Contractor	Bid Amount	Rank
CWS SLITER & SONS LLC dba CWS FENCE & GUARDRAIL 261 FRANKLIN ROAD, ANDOVER NH 03216-3810	\$1,994,006.25	A
VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147, BARNET VT 05821	\$2,116,592.56	B

Item No.	Description	Unit	Quantity	PS&E		CWS SLITER & SONS LLC dba CWS FENCE & GUARDRAIL 251 FRANKLIN ROAD ANDOVER, NH 03214-3810		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05621	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	16,600.00	\$2.50	\$41,500.00	\$1.50	\$24,900.00	\$2.00	\$33,200.00
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	100.00	\$35.00	\$3,500.00	\$30.00	\$3,000.00	\$32.80	\$3,280.00
203.5581	EAGRT PLATFORM PREFERRED	U	63.00	\$1,850.00	\$116,550.00	\$1,450.00	\$91,350.00	\$1,614.38	\$101,705.94
203.5562	EAGRT PLATFORM ALTERNATE	U	19.00	\$1,750.00	\$33,250.00	\$1,450.00	\$27,550.00	\$1,727.13	\$32,815.47
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	6.00	\$1,500.00	\$9,000.00	\$1,150.00	\$6,900.00	\$1,614.38	\$9,686.28
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,400.00	\$2,800.00	\$1,150.00	\$2,300.00	\$1,634.88	\$3,269.76
203.82	EXTRA DRILLED HOLES WITHOUT EXPLOSIVES	LF	900.00	\$24.00	\$21,600.00	\$15.00	\$13,500.00	\$23.10	\$20,790.00
206.1	COMMON STRUCTURE EXCAVATION	CY	160.00	\$45.00	\$7,200.00	\$32.50	\$5,200.00	\$47.15	\$7,544.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	75.00	\$70.00	\$5,250.00	\$75.00	\$5,625.00	\$123.00	\$9,225.00
206.21	ROCK STRUCTURE EXCAVATION MECHANICAL METHODS	CY	30.00	\$150.00	\$4,500.00	\$200.00	\$6,000.00	\$194.75	\$5,842.50
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	5,000.00	\$29.00	\$145,000.00	\$38.00	\$190,000.00	\$29.73	\$148,650.00
403.12	HBP-HAND METHOD	TON	20.00	\$300.00	\$6,000.00	\$200.00	\$4,000.00	\$169.13	\$3,382.60
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10.00	\$100.00	\$1,000.00	\$50.00	\$500.00	\$5.13	\$51.30
563.307	BRIDGE RAIL T101 (RETROFIT)	LF	375.00	\$175.00	\$65,625.00	\$260.00	\$97,500.00	\$245.00	\$91,875.00
585.3	STONE FILL, CLASS C	CY	160.00	\$60.00	\$9,600.00	\$100.00	\$16,000.00	\$69.70	\$11,152.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	575.00	\$12.00	\$6,900.00	\$5.75	\$3,306.25	\$3.69	\$2,121.75
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	37.50	\$25.00	\$937.50	\$25.00	\$937.50	\$17.00	\$637.50
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	25.00	\$120.00	\$3,000.00	\$130.00	\$3,250.00	\$125.00	\$3,125.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	25.00	\$25.00	\$625.00	\$35.00	\$875.00	\$20.00	\$500.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	61.00	\$4,200.00	\$256,200.00	\$3,950.00	\$240,950.00	\$3,950.00	\$240,950.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$4,100.00	\$86,100.00	\$3,950.00	\$82,950.00	\$3,950.00	\$82,950.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	8.00	\$3,500.00	\$28,000.00	\$3,500.00	\$28,000.00	\$3,300.00	\$26,400.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	27.00	\$5,800.00	\$156,600.00	\$6,375.00	\$172,125.00	\$5,575.00	\$150,525.00



ABC Bid Data

DISTRICT 2 GUARDRAIL

43132

X-A005(047)

Item No.	Description	Unit	Quantity	PS&E		CWS SLITER & SONS LLC dba CWS FENCE & GUARDRAIL 261 FRANKLIN ROAD ANDOVER, NH 03218-3810		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05821	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.141	BEAM GUARDRAIL (CURVED WCRT POSTS)	LF	250.00	\$40.00	\$10,000.00	\$40.00	\$10,000.00	\$30.00	\$7,500.00
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	1,100.00	\$35.00	\$38,500.00	\$35.00	\$38,500.00	\$32.90	\$36,190.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,200.00	\$32.00	\$390,400.00	\$28.00	\$341,600.00	\$28.00	\$341,600.00
606.18002	31" W-BEAM GUARDRAIL WITHOUT OFFSET BLOCK	LF	2,350.00	\$35.00	\$82,250.00	\$30.00	\$70,500.00	\$27.50	\$64,625.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8" STEEL POST)	LF	350.00	\$37.00	\$12,950.00	\$37.00	\$12,950.00	\$30.00	\$10,500.00
606.18012	31" W-BEAM GUARDRAIL WITHOUT OFFSET BLOCK (8" POST)	LF	125.00	\$40.00	\$5,000.00	\$38.00	\$4,750.00	\$30.00	\$3,750.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,140.00	\$20.00	\$22,800.00	\$10.00	\$11,400.00	\$52.28	\$59,599.20
606.84	ANCHOR FOR CURVED GUARDRAIL WCRT POSTS	U	5.00	\$2,500.00	\$12,500.00	\$3,250.00	\$16,250.00	\$2,500.00	\$12,500.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,500.00	\$7,000.00	\$1,765.00	\$3,530.00	\$12,000.00	\$24,000.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	500.00	\$15.00	\$7,500.00	\$19.00	\$9,500.00	\$9.23	\$4,615.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$25,000.00	\$25,000.00	\$3,000.00	\$3,000.00	\$14,145.00	\$14,145.00
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	2,000.00	\$35.00	\$70,000.00	\$54.25	\$108,500.00	\$65.00	\$130,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$57,600.00	\$57,600.00	\$12,500.00	\$12,500.00	\$38,737.50	\$38,737.50
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,000.00	\$6,000.00	\$1,500.00	\$3,000.00	\$4,920.00	\$9,840.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	300.00	\$6.00	\$1,800.00	\$7.50	\$2,250.00	\$5.00	\$1,500.00
621.31	SINGLE DELINEATOR WITH POST	EA	220.00	\$55.00	\$12,100.00	\$55.00	\$12,100.00	\$49.00	\$10,780.00
621.32	DOUBLE DELINEATOR WITH POST	EA	55.00	\$65.00	\$3,575.00	\$60.00	\$3,300.00	\$56.00	\$3,080.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,500.00	\$6.00	\$9,000.00	\$3.25	\$4,875.00	\$3.59	\$5,385.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	17,000.00	\$3.00	\$51,000.00	\$3.50	\$59,500.00	\$3.59	\$61,030.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,300.00	\$4.50	\$14,850.00	\$4.25	\$14,025.00	\$6.00	\$19,800.00
645.531	SILT FENCE	LF	1,650.00	\$3.50	\$5,775.00	\$1.25	\$2,062.50	\$4.92	\$8,118.00
645.611	BONDED FIBER MATRIX (BFM)	LB	18,600.00	\$2.00	\$37,000.00	\$1.05	\$19,425.00	\$2.15	\$39,775.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	16,000.00	\$1.00	\$16,000.00	\$2.00	\$32,000.00	\$1.90	\$30,400.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	9,300.00	\$1.50	\$13,950.00	\$1.65	\$15,345.00	\$2.26	\$21,018.00
647.1	HUMUS	CY	2,300.00	\$24.00	\$55,200.00	\$15.00	\$34,500.00	\$32.34	\$74,382.00

ABC Bid Data

DISTRICT 2 GUARDRAIL

43132

X-A005(047)

Item No.	Description	Unit	Quantity	PS&E		CWS SLITER & SONS LLC dba CWS FENCE & GUARDRAIL 281 FRANKLIN ROAD ANDOVER, NH 03218-3810		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05821	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$250.00	\$750.00	\$375.00	\$1,125.00	\$175.00	\$525.00
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	1.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$250.00	\$250.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$2,200.00	\$4,400.00	\$2,600.00	\$5,200.00	\$999.38	\$1,998.76
692.	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$80,000.00	\$80,000.00	\$56,270.00	\$56,270.00
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	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Totals:					\$2,119,637.50		\$1,994,006.25		\$2,116,592.56
Alt. Totals:									
Totals:					\$2,119,637.50		\$1,994,006.25		\$2,116,592.56



PS&E Comparison

DISTRICT 2 GUARDRAIL

43132

X-A005(047)

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	16,600.00	\$1.50	\$24,900.00	\$2.50	\$41,500.00	(\$16,600.00)
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	100.00	\$30.00	\$3,000.00	\$35.00	\$3,500.00	(\$500.00)
203.5561	EAGRT PLATFORM PREFERRED	U	63.00	\$1,450.00	\$91,350.00	\$1,850.00	\$116,550.00	(\$25,200.00)
203.5562	EAGRT PLATFORM ALTERNATE	U	19.00	\$1,450.00	\$27,550.00	\$1,750.00	\$33,250.00	(\$5,700.00)
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	6.00	\$1,150.00	\$6,900.00	\$1,500.00	\$9,000.00	(\$2,100.00)
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,150.00	\$2,300.00	\$1,400.00	\$2,800.00	(\$500.00)
203.82	EXTRA DRILLED HOLES WITHOUT EXPLOSIVES	LF	900.00	\$15.00	\$13,500.00	\$24.00	\$21,600.00	(\$8,100.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	160.00	\$32.50	\$5,200.00	\$45.00	\$7,200.00	(\$2,000.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	75.00	\$75.00	\$5,625.00	\$70.00	\$5,250.00	\$375.00
206.21	ROCK STRUCTURE EXCAVATION MECHANICAL METHODS	CY	30.00	\$200.00	\$6,000.00	\$150.00	\$4,500.00	\$1,500.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	5,000.00	\$38.00	\$190,000.00	\$29.00	\$145,000.00	\$45,000.00
403.12	HBP-HAND METHOD	TON	20.00	\$200.00	\$4,000.00	\$300.00	\$6,000.00	(\$2,000.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10.00	\$50.00	\$500.00	\$100.00	\$1,000.00	(\$500.00)
563.307	BRIDGE RAIL T101 (RETROFIT)	LF	375.00	\$260.00	\$97,500.00	\$175.00	\$65,625.00	\$31,875.00

PS&E Comparison

DISTRICT 2 GUARDRAIL

43132

X-A005(047)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
585.3	STONE FILL, CLASS C	CY	160.00	\$100.00	\$16,000.00	\$60.00	\$9,600.00	\$6,400.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	575.00	\$5.75	\$3,306.25	\$12.00	\$6,900.00	(\$3,593.75)
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	37.50	\$25.00	\$937.50	\$25.00	\$937.50	\$0.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	25.00	\$130.00	\$3,250.00	\$120.00	\$3,000.00	\$250.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	25.00	\$35.00	\$875.00	\$25.00	\$625.00	\$250.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	61.00	\$3,950.00	\$240,950.00	\$4,200.00	\$256,200.00	(\$15,250.00)
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$3,950.00	\$82,950.00	\$4,100.00	\$86,100.00	(\$3,150.00)
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	8.00	\$3,500.00	\$28,000.00	\$3,500.00	\$28,000.00	\$0.00
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	27.00	\$6,375.00	\$172,125.00	\$5,800.00	\$156,600.00	\$15,525.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	250.00	\$40.00	\$10,000.00	\$40.00	\$10,000.00	\$0.00
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	1,100.00	\$35.00	\$38,500.00	\$35.00	\$38,500.00	\$0.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,200.00	\$28.00	\$341,600.00	\$32.00	\$390,400.00	(\$48,800.00)
606.18002	31" W-BEAM GUARDRAIL WITHOUT OFFSET BLOCK	LF	2,350.00	\$30.00	\$70,500.00	\$35.00	\$82,250.00	(\$11,750.00)
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	350.00	\$37.00	\$12,950.00	\$37.00	\$12,950.00	\$0.00
606.18012	31" W-BEAM GUARDRAIL WITHOUT OFFSET BLOCK (8' POST)	LF	125.00	\$38.00	\$4,750.00	\$40.00	\$5,000.00	(\$250.00)

PS&E Comparison

DISTRICT 2 GUARDRAIL

43132

X-A005(047)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,140.00	\$10.00	\$11,400.00	\$20.00	\$22,800.00	(\$11,400.00)
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	5.00	\$3,250.00	\$16,250.00	\$2,500.00	\$12,500.00	\$3,750.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$1,765.00	\$3,530.00	\$3,500.00	\$7,000.00	(\$3,470.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	500.00	\$19.00	\$9,500.00	\$15.00	\$7,500.00	\$2,000.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$3,000.00	\$3,000.00	\$25,000.00	\$25,000.00	(\$22,000.00)
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	2,000.00	\$54.25	\$108,500.00	\$35.00	\$70,000.00	\$38,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$12,500.00	\$12,500.00	\$57,600.00	\$57,600.00	(\$45,100.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	(\$3,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	300.00	\$7.50	\$2,250.00	\$6.00	\$1,800.00	\$450.00
621.31	SINGLE DELINEATOR WITH POST	EA	220.00	\$55.00	\$12,100.00	\$55.00	\$12,100.00	\$0.00
621.32	DOUBLE DELINEATOR WITH POST	EA	55.00	\$60.00	\$3,300.00	\$65.00	\$3,575.00	(\$275.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,500.00	\$3.25	\$4,875.00	\$6.00	\$9,000.00	(\$4,125.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	17,000.00	\$3.50	\$59,500.00	\$3.00	\$51,000.00	\$8,500.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,300.00	\$4.25	\$14,025.00	\$4.50	\$14,850.00	(\$825.00)
645.531	SILT FENCE	LF	1,650.00	\$1.25	\$2,062.50	\$3.50	\$5,775.00	(\$3,712.50)
645.611	BONDED FIBER MATRIX (BFM)	LB	18,500.00	\$1.05	\$19,425.00	\$2.00	\$37,000.00	(\$17,575.00)

PS&E Comparison

DISTRICT 2 GUARDRAIL
 43132
 X-A005(047)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	16,000.00	\$2.00	\$32,000.00	\$1.00	\$16,000.00	\$16,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	9,300.00	\$1.65	\$15,345.00	\$1.50	\$13,950.00	\$1,395.00
647.1	HUMUS	CY	2,300.00	\$15.00	\$34,500.00	\$24.00	\$55,200.00	(\$20,700.00)
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$375.00	\$1,125.00	\$250.00	\$750.00	\$375.00
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	1.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	(\$400.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$2,600.00	\$5,200.00	\$2,200.00	\$4,400.00	\$800.00
692.	MOBILIZATION	U	1.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00	(\$20,000.00)
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	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
Total:					\$1,994,006.25		\$2,119,637.50	(\$125,631.25)

July 11, 2023

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the replacement of 16,600 feet of deficient cable and w-beam guardrail associated with terminal upgrades, including blunt ends on bridge approaches, and the construction of approximately 23,000 feet of new beam guardrail including end terminals. This work is in District 2 on US Route 3 (Tier 2) in Franklin and Boscawen; US Route 4 (Tier 2) in Enfield, Canaan, Orange, Grafton, Danbury, Wilmot, Andover, and Boscawen; NH Route 4A (Tier 3) in Enfield, Grafton, Springfield, and Wilmot; and NH Route 11 (Tier 2) in Andover.

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

CONTINGENCY: The proposed contingency amount is 10% of the contract amount. This is to account for possible fuel cost increase over a 2-season contract, as well as unanticipated traffic control needs and any guardrail adjustments that may need to be made in the field.

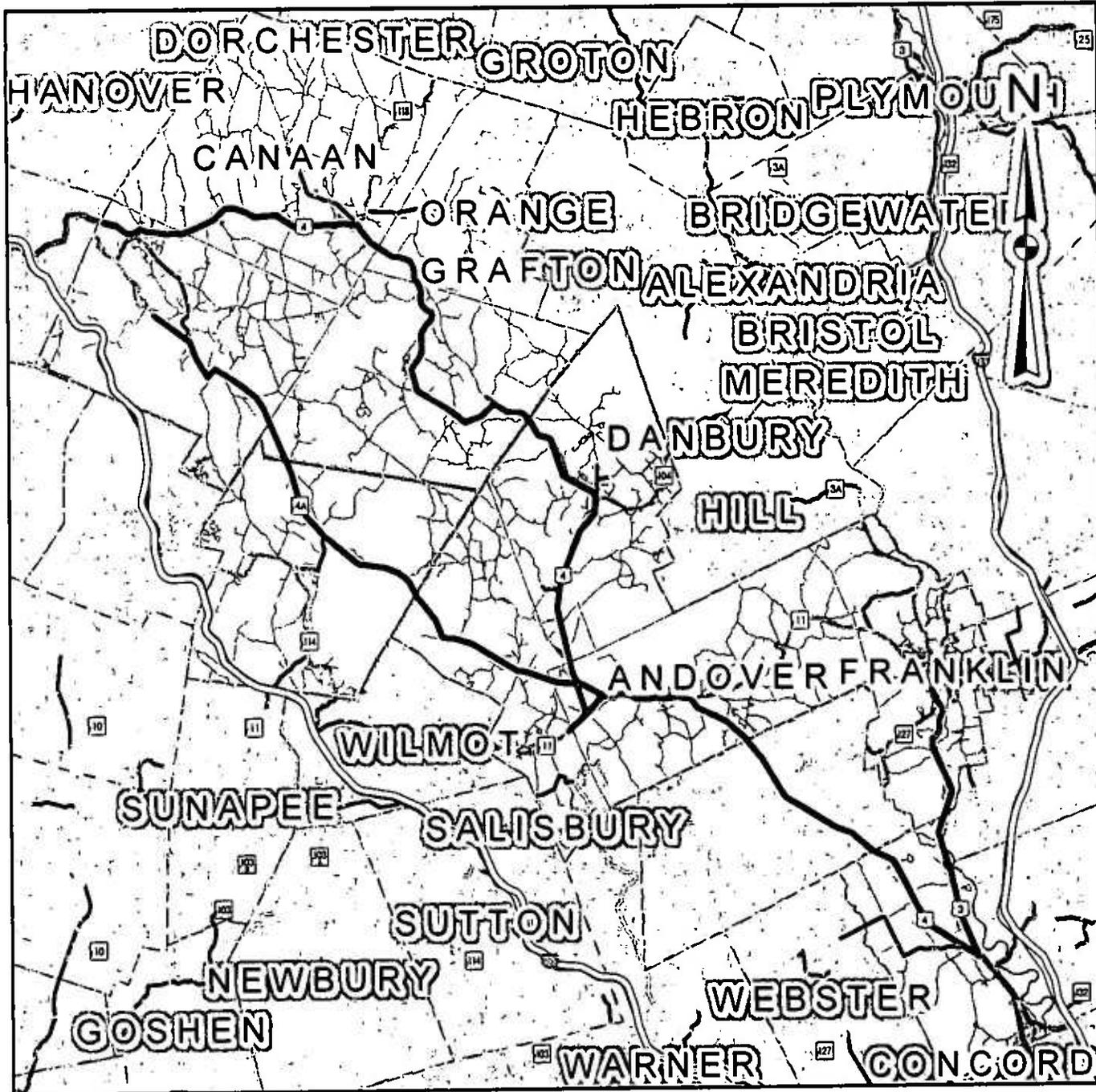
PROJECT INITIATED: This project was initiated through the State's Ten-Year Plan, under the HSIP Program.

PROJECT EXPLANATION: The existing cable guardrail 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 to improve safety. The HSIP program has identified guardrail upgrades as a significant safety upgrade.

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. This is applicable to all guardrail runs, except one. The work on US 4 in Grafton, near Tewksbury Pond, will require one-lane of alternating, two-way traffic with temporary signals at both ends for two weeks for coring post holes in ledge.

COMPLETION DATE: September 20, 2024.

DISTRICT 2 - GUARDRAIL

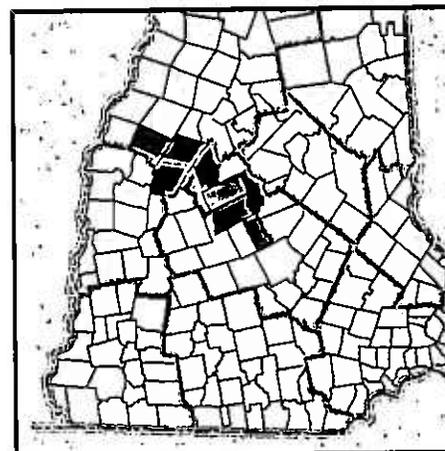


LEGEND

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

New Hampshire
DOT
Department of Transportation

State #: 43132
Federal #: X-A005 (047)
LOCATION MAP



State of New Hampshire

Department of State

CERTIFICATE

I, David M. Scanlan, Secretary of State of the State of New Hampshire, do hereby certify that C.W. SLITER & SONS, LLC is a New Hampshire Limited Liability Company registered to transact business in New Hampshire on January 17, 1984. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 74644

Certificate Number: 0006295136



IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 11th day of August A.D. 2023.

A handwritten signature in black ink, appearing to read "D. Scanlan", is written over a faint circular stamp that matches the Seal of the State of New Hampshire.

David M. Scanlan
Secretary of State

Sole Officer Certification of Authority

I, Robert M. Carroll, Sr., Hereby certify that I am the Sole Officer
(Name)

of, C.W. Sliter & Sons, LLC dba which is a Limited Liability Corporation
CWS Fence & Guardrail registered with the
(Name of Corporation)

Secretary of State under RSA 349. I certify that I am the Sole Officer of the Limited Liability Corporation.

I further certify that it is understood that the State of New Hampshire will rely on this certificate as evidence that the person listed about currently occupies the position indicated and that they have full authority to bind the Limited Liability Corporation.

DATED: August 25, 2023

ATTEST:



Robert M. Carroll, Sr.
Sole Officer

PROJECT: DISTRICT 2 GUARDRAIL X-A005(047), 43132



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
8/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Donna Bickford	
		PHONE (A/C, No, Ext): (603) 224-2562	FAX (A/C, No): (603) 224-8012
		E-MAIL ADDRESS: dbickford@rowleyagency.com	
		INSURER(S) AFFORDING COVERAGE	NAIC #
INSURED C.W. Sliter & Sons, LLC dba CWS Fence & Guardrail Co. PO Box 120 Andover NH 03216		INSURER A: Union Insurance Company	25844
		INSURER B: Acadia Insurance Company	31325
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: Upd 2023-24 All Lines REVISION NUMBER:

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

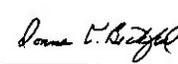
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENTL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CPA5540337	1/1/2023	1/1/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			CAA5540338	1/1/2023	1/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUA5540339	1/1/2023	1/1/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 PRODUCTS/COM/OPS AGGR \$ 5,000,000
B	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	WCA5540340 3A STATES: NH ME VT	1/1/2023	1/1/2024	<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
A	LEASED/RENTED EQUIPMENT			CPA5540337	1/1/2023	1/1/2024	LIMIT: \$50,000 DEDUCTIBLE: \$250

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

Re: District 2 Guardrail X-A005(047) 43132

The State of NH-Dept. of Transportation is included as an additional insured with respect to general liability when required by written contract with the named insured.

CERTIFICATE HOLDER**CANCELLATION**

State of NH-Dept. of Transportation PO Box 483 Concord, NH 03302-0483	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE MUST BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Donna Bickford/DTB 
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER THE ROWLEY AGENCY LLC 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Donna Bickford PHONE (A/C, No, Ex): (603) 224-2562 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESS: dbickford@rowleyagency.com	
INSURED State of NH-Department of Transportation c/o C.W. Sliter & Sons, LLC PO Box 120 Andover NH 03216		INSURER(S) AFFORDING COVERAGE INSURER A: Acadia Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 31325	

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 VWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY			OCPB2382815518	9/20/2023	3/20/2025	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input checked="" type="checkbox"/> Owners & Contractors Protec						MED EXP (Any one person) \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000
	OTHER:						PRODUCTS - COMP/OP AGG \$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS						\$
	<input type="checkbox"/> NON-OWNED AUTOS						\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> EXCESS LIAB						AGGREGATE \$
	<input type="checkbox"/> OCCUR						\$
	<input type="checkbox"/> CLAIMS-MADE						\$
	DED						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/>
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 District 2 Guardrail X-A005(044) 43132

CERTIFICATE HOLDER

State of NH-Dept. of Transportation
 PO Box 483
 Concord, NH 03302-0483

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
 Donna Bickford/DTB *Donna Bickford*