



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
March 3, 2020

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 \$1,298,207.50 for guardrail replacement in Districts 1 and 3, from the date of Governor and Council approval through October 30, 2020, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2020 and Fiscal Year 2021 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 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments	\$778,924.50	\$519,283.00

2. Further authorize that a contingency in the amount of \$64,910.38 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 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054 Consolidated Federal Aid 400-500870 Highway Contract Payments		\$64,910.38

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 approximately 11,350 feet of deficient cable and w-beam guardrail, including "F" terminal units and blunt ends. The existing cable, "F" terminal units, and blunt ends shall be upgraded to meet the current guardrail standards and are located along Tier 2 and 3 roadways in Maintenance Districts 1 and 3. Also included in this project is the replacement of 32 X-Lite terminals with MASH (e.g. current standards) approved terminals from MM 101.6 to 106.0 along I-93 and US 3 in Lincoln within Maintenance District 1.

Page 2

The existing cable guardrail, "F" terminal units, and X-Lite terminal units along I-93, US Route 3, and NH Routes 112, 118, & 175 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 do 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.

Although the bid costs exceeded the Department's estimate by 6%, the only bid received is felt to be reasonable for the work involved. There were items of significance (both guardrail) which contributed to 80% of the overage. Readvertising 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.

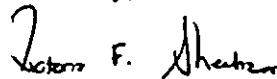
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 90% Federal (Highway Safety Improvement Program (HSIP)) utilizing Turnpike Toll credits as 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: \$1,225,304.00

Contract Amount: \$1,298,207.50

Under/Over Estimate: \$ 72,903.50

Attachments



ABC Bid Data

STATEWIDE
41897
X-A004(767)

PROJECT: STATEWIDE
STATE PROJECT NUMBER: 41897
FED. PROJECT NUMBER: X-A004(767)
DATE BIDS OPEN: February 20, 2020,
SCOPE OF WORK: Replace cable guardrail and F terminal units on Tier 2 and 3 roads
COMPLETION DATE: October 30, 2020
LOCATION:

Awarded To: CWS FENCE & GUARDRAIL
CO
261 FRANKLIN HWY
ANDOVER, NH 03216-3810

Amount: \$1,298,207.50

Award Date:

Certified by: PETER E. STAMNAS

Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY PO BOX 120 ANDOVER NH 03216-3810	\$1,298,207.50	A

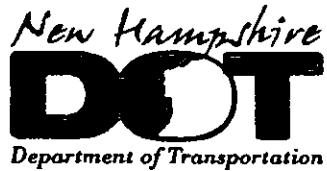
Item No.	Description	Unit	Quantity	PS&C		CWS FENCE & GUARDRAIL CO 281 FRANKLIN HWY ANDOVER, NH 03216-3810		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	12,700.00	\$2.50	\$31,750.00	\$3.50	\$44,450.00		
203.1	COMMON EXCAVATION	CY	115.00	\$32.00	\$3,680.00	\$13.25	\$1,523.75		
203.11	COMMON EXCAVATION - LRS	CY	75.00	\$21.00	\$1,575.00	\$22.50	\$1,687.50		
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	725.00	\$28.00	\$20,300.00	\$27.50	\$19,937.50		
203.5561	EAGRT PLATFORM PREFERRED	U	49.00	\$1,300.00	\$63,700.00	\$1,450.00	\$71,050.00		
203.5562	EAGRT PLATFORM ALTERNATE	U	3.00	\$1,300.00	\$3,900.00	\$1,450.00	\$4,350.00		
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	4.00	\$1,200.00	\$4,800.00	\$1,450.00	\$5,800.00		
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,200.00	\$2,400.00	\$1,450.00	\$2,900.00		
203.5596	GUARDRAIL E-2 PLATFORM	LF	100.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00		
203.601	EMBANKMENT-IN-PLACE	CY	80.00	\$30.00	\$2,400.00	\$18.00	\$1,440.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	26.00	\$75.00	\$1,950.00	\$42.00	\$1,092.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	250.00	\$30.00	\$7,500.00	\$50.00	\$12,500.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,000.00	\$45.00	\$45,000.00	\$37.50	\$37,500.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	60.00	\$300.00	\$18,000.00	\$300.00	\$18,000.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7.00	\$150.00	\$1,050.00	\$100.00	\$700.00		
565.733	BRIDGE APPROACH RAIL F (3-BAR) (MODIFIED)	U	1.00	\$12,000.00	\$12,000.00	\$14,580.00	\$14,580.00		
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	5.00	\$300.00	\$1,500.00	\$250.00	\$1,250.00		
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	1.00	\$4,200.00	\$4,200.00	\$16,860.00	\$16,860.00		
570.4	MORTAR RUBBLE MASONRY (F)	CY	3.00	\$800.00	\$2,400.00	\$1,025.00	\$3,075.00		
585.3	STONE FILL, CLASS C	CY	23.00	\$100.00	\$2,300.00	\$100.00	\$2,300.00		
593.421	GEOTEXTILE; PERM CONTROL CL2, NON-WOVEN	SY	92.00	\$4.50	\$414.00	\$5.25	\$483.00		
603.34115	15" STEEL END SECTIONS	EA	4.00	\$320.00	\$1,280.00	\$525.00	\$2,100.00		
603.34118	18" STEEL END SECTIONS	EA	1.00	\$350.00	\$350.00	\$400.00	\$400.00		
603.44212	12" CORR POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	180.00	\$75.00	\$13,500.00	\$80.00	\$14,400.00		
603.60015	LAYING/RELAYING 15" DRAINAGE PIPE	LF	35.00	\$90.00	\$3,150.00	\$86.00	\$3,010.00		
603.60018	LAYING/RELAYING 18" DRAINAGE PIPE	LF	20.00	\$105.00	\$2,100.00	\$100.00	\$2,000.00		
604.0007	POLYETHYLENE LINER	EA	3.00	\$175.00	\$525.00	\$195.00	\$585.00		
604.242	DROP INLETS TYPE D-B	U	3.00	\$2,000.00	\$6,000.00	\$2,050.00	\$6,150.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	18.00	\$70.00	\$1,260.00	\$95.00	\$1,710.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	18.00	\$15.00	\$270.00	\$20.00	\$360.00		

Item No.	Description	Unit	Quantity	P&AE		CWS FENCE & GUARDRAIL CO 281 FRANKLIN HWY ANDOVER, NH 03216-3810		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.01591	STEEL POSTS (NU-GUARD-31), 9'-6" WITH HARDWARE	EA	6.00	\$60.00	\$360.00	\$95.00	\$570.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	34.00	\$3,000.00	\$102,000.00	\$3,285.00	\$111,690.00		
606.12549	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT TL 3) (STEEL POST) (POWDER COATED)	U	19.00	\$4,000.00	\$76,000.00	\$5,950.00	\$113,050.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$2,800.00	\$58,800.00	\$3,285.00	\$68,965.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	6.00	\$2,700.00	\$16,200.00	\$2,875.00	\$17,250.00		
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	100.00	\$40.00	\$4,000.00	\$40.00	\$4,000.00		
606.15807	BEAM GUARDRAIL, 9'-6" STEEL POSTS (NU-GUARD 31)	LF	5,050.00	\$25.00	\$126,250.00	\$29.00	\$146,450.00		
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	275.00	\$23.00	\$6,325.00	\$25.00	\$6,875.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,675.00	\$22.00	\$124,850.00	\$22.00	\$124,850.00		
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8" STEEL POST)	LF	775.00	\$25.00	\$19,375.00	\$27.50	\$21,312.50		
606.18091	31" W-BEAM GUARDRAIL WITH /8" OFFSET BLOCK (STEEL POST) (POWDER COATED)	LF	300.00	\$40.00	\$12,000.00	\$45.00	\$13,500.00		
606.84	ANCHOR FOR CURVED GUARDRAIL WCRT POSTS	U	1.00	\$2,000.00	\$2,000.00	\$1,850.00	\$1,850.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	125.00	\$15.00	\$1,875.00	\$8.00	\$1,000.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	890.00	\$20.00	\$17,800.00	\$20.00	\$17,800.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,000.00	\$1.00	\$18,000.00	\$1.00	\$18,000.00		
618.7	FLAGGERS	HR	1,300.00	\$38.00	\$49,400.00	\$36.00	\$46,800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$72,000.00	\$72,000.00	\$52,000.00	\$52,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$3,000.00	\$6,000.00	\$1,500.00	\$3,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	350.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00		
621.31	SINGLE DELINEATOR WITH POST	EA	140.00	\$41.00	\$5,740.00	\$50.00	\$7,000.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	55.00	\$46.00	\$2,530.00	\$55.00	\$3,025.00		
622.1	STEEL WITNESS MARKERS	EA	8.00	\$40.00	\$320.00	\$35.00	\$280.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	975.00	\$8.00	\$7,800.00	\$6.25	\$6,093.75		
645.3	EROSION STONE	TON	75.00	\$75.00	\$5,625.00	\$100.00	\$7,500.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,850.00	\$5.00	\$34,250.00	\$4.95	\$33,907.50		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$7.00	\$7,000.00	\$5.50	\$5,500.00		
645.531	SILT FENCE	LF	1,000.00	\$3.50	\$3,500.00	\$2.00	\$2,000.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	13,100.00	\$3.00	\$39,300.00	\$3.25	\$42,575.00		
647.1	HUMUS	CY	1,550.00	\$30.00	\$46,500.00	\$28.00	\$43,400.00		
692.	MOBILIZATION	U	1.00	\$80,000.00	\$80,000.00	\$48,000.00	\$48,000.00		

Item No.	Description	Unit	Quantity	PS&E		CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY ANDOVER, NH 03216-3616		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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		
Totals:					\$1,225,304.00		\$1,298,207.50		
Alt. Totals:									
Totals:					\$1,225,304.00		\$1,298,207.50		



PS&E Comparison

STATEWIDE
41897
X-A004(767)

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	12,700.00	\$3.50	\$44,450.00	\$2.50	\$31,750.00	\$12,700.00
203.1	COMMON EXCAVATION	CY	115.00	\$13.25	\$1,523.75	\$32.00	\$3,680.00	(\$2,156.25)
203.11	COMMON EXCAVATION - LRS	CY	75.00	\$22.50	\$1,687.50	\$21.00	\$1,575.00	\$112.50
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	725.00	\$27.50	\$19,937.50	\$28.00	\$20,300.00	(\$362.50)
203.5561	EAGRT PLATFORM PREFERRED	U	49.00	\$1,450.00	\$71,050.00	\$1,300.00	\$63,700.00	\$7,350.00
203.5562	EAGRT PLATFORM ALTERNATE	U	3.00	\$1,450.00	\$4,350.00	\$1,300.00	\$3,900.00	\$450.00
203.5571	EAGRT PLATFORM PREFERRED, TL 2 - 25'	U	4.00	\$1,450.00	\$5,800.00	\$1,200.00	\$4,800.00	\$1,000.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,450.00	\$2,900.00	\$1,200.00	\$2,400.00	\$500.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	100.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$0.00
203.601	EMBANKMENT-IN-PLACE	CY	80.00	\$18.00	\$1,440.00	\$30.00	\$2,400.00	(\$960.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	26.00	\$42.00	\$1,092.00	\$75.00	\$1,950.00	(\$858.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	250.00	\$50.00	\$12,500.00	\$30.00	\$7,500.00	\$5,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,000.00	\$37.50	\$37,500.00	\$45.00	\$45,000.00	(\$7,500.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	60.00	\$300.00	\$18,000.00	\$300.00	\$18,000.00	\$0.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7.00	\$100.00	\$700.00	\$150.00	\$1,050.00	(\$350.00)

565.733	BRIDGE APPROACH RAIL F (3-BAR) (MODIFIED)	U	1.00	\$14,580.00	\$14,580.00	\$12,000.00	\$12,000.00	\$2,580.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	5.00	\$250.00	\$1,250.00	\$300.00	\$1,500.00	(\$250.00)
565.81	REHABILITATION OF BRIDGE APPROACH RAIL	U	1.00	\$16,860.00	\$16,860.00	\$4,200.00	\$4,200.00	\$12,660.00
570.4	MORTAR RUBBLE MASONRY (F)	CY	3.00	\$1,025.00	\$3,075.00	\$800.00	\$2,400.00	\$675.00
585.3	STONE FILL, CLASS C	CY	23.00	\$100.00	\$2,300.00	\$100.00	\$2,300.00	\$0.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON- WOVEN	SY	92.00	\$5.25	\$483.00	\$4.50	\$414.00	\$69.00
603.34115	15" STEEL END SECTIONS	EA	4.00	\$525.00	\$2,100.00	\$320.00	\$1,280.00	\$820.00
603.34118	18" STEEL END SECTIONS	EA	1.00	\$400.00	\$400.00	\$350.00	\$350.00	\$50.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	180.00	\$80.00	\$14,400.00	\$75.00	\$13,500.00	\$900.00
603.60015	LAYING/RELAYING 15" DRAINAGE PIPE	LF	35.00	\$86.00	\$3,010.00	\$90.00	\$3,150.00	(\$140.00)
603.60018	LAYING/RELAYING 18" DRAINAGE PIPE	LF	20.00	\$100.00	\$2,000.00	\$105.00	\$2,100.00	(\$100.00)
604.0007	POLYETHYLENE LINER	EA	3.00	\$195.00	\$585.00	\$175.00	\$525.00	\$60.00
604.242	DROP INLETS TYPE D-B	U	3.00	\$2,050.00	\$6,150.00	\$2,000.00	\$6,000.00	\$150.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	18.00	\$95.00	\$1,710.00	\$70.00	\$1,260.00	\$450.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	18.00	\$20.00	\$360.00	\$15.00	\$270.00	\$90.00
606.01591	STEEL POSTS (NU-GUARD-31), 9'-6" WITH HARDWARE	EA	6.00	\$95.00	\$570.00	\$60.00	\$360.00	\$210.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	34.00	\$3,285.00	\$111,690.00	\$3,000.00	\$102,000.00	\$9,690.00
606.12549	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT TL 3) (STEEL POST) (POWDER COATED)	U	19.00	\$5,950.00	\$113,050.00	\$4,000.00	\$76,000.00	\$37,050.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	21.00	\$3,285.00	\$68,985.00	\$2,800.00	\$58,800.00	\$10,185.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	6.00	\$2,875.00	\$17,250.00	\$2,700.00	\$16,200.00	\$1,050.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	100.00	\$40.00	\$4,000.00	\$40.00	\$4,000.00	\$0.00

606.15807	BEAM GUARDRAIL, 9'-6" STEEL POSTS (NU-GUARD 31)	LF	5,050.00	\$29.00	\$146,450.00	\$25.00	\$126,250.00	\$20,200.00
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	275.00	\$25.00	\$6,875.00	\$23.00	\$6,325.00	\$550.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,675.00	\$22.00	\$124,850.00	\$22.00	\$124,850.00	\$0.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8" STEEL POST)	LF	775.00	\$27.50	\$21,312.50	\$25.00	\$19,375.00	\$1,937.50
606.18091	31" W-BEAM GUARDRAIL WITH /8" OFFSET BLOCK (STEEL POST) (POWDER COATED)	LF	300.00	\$45.00	\$13,500.00	\$40.00	\$12,000.00	\$1,500.00
606.84	ANCHOR FOR CURVED GUARDRAIL WCRT POSTS	U	1.00	\$1,850.00	\$1,850.00	\$2,000.00	\$2,000.00	(\$150.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	125.00	\$8.00	\$1,000.00	\$15.00	\$1,875.00	(\$875.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	890.00	\$20.00	\$17,800.00	\$20.00	\$17,800.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	18,000.00	\$1.00	\$18,000.00	\$1.00	\$18,000.00	\$0.00
618.7	FLAGGERS	HR	1,300.00	\$36.00	\$46,800.00	\$38.00	\$49,400.00	(\$2,600.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$52,000.00	\$52,000.00	\$72,000.00	\$72,000.00	(\$20,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	(\$3,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	(\$1,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	350.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	140.00	\$50.00	\$7,000.00	\$41.00	\$5,740.00	\$1,260.00
621.32	DOUBLE DELINEATOR WITH POST	EA	55.00	\$55.00	\$3,025.00	\$46.00	\$2,530.00	\$495.00
622.1	STEEL WITNESS MARKERS	EA	8.00	\$35.00	\$280.00	\$40.00	\$320.00	(\$40.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	975.00	\$6.25	\$6,093.75	\$8.00	\$7,800.00	(\$1,706.25)
645.3	EROSION STONE	TON	75.00	\$100.00	\$7,500.00	\$75.00	\$5,625.00	\$1,875.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,850.00	\$4.95	\$33,907.50	\$5.00	\$34,250.00	(\$342.50)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$5.50	\$5,500.00	\$7.00	\$7,000.00	(\$1,500.00)
645.531	SILT FENCE	LF	1,000.00	\$2.00	\$2,000.00	\$3.50	\$3,500.00	(\$1,500.00)

646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	13,100.00	\$3.25	\$42,575.00	\$3.00	\$39,300.00	\$3,275.00
647.1	HUMUS	CY	1,550.00	\$28.00	\$43,400.00	\$30.00	\$46,500.00	(\$3,100.00)
692.	MOBILIZATION	U	1.00	\$48,000.00	\$48,000.00	\$60,000.00	\$60,000.00	(\$12,000.00)
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	(\$1,500.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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:

\$1,298,207.50

\$1,225,304.00

\$72,903.50

January 21, 2020

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the replacement of approximately 11,350 feet of deficient cable and w-beam guardrail, including "F" terminal units and blunt ends. The existing cable, "F" terminal units, and blunt ends shall be upgraded to meet the current guardrail standards and are located along Tier 2 and 3 roadways in Maintenance Districts 1 and 3. Also included in this project is the replacement of 32 X-Lite terminals with MASH approved terminals from MM 101.6 to 106.0 along I-93 and US 3 in Lincoln within Maintenance District 1.

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.

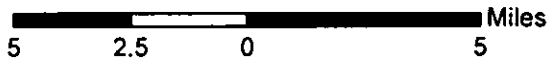
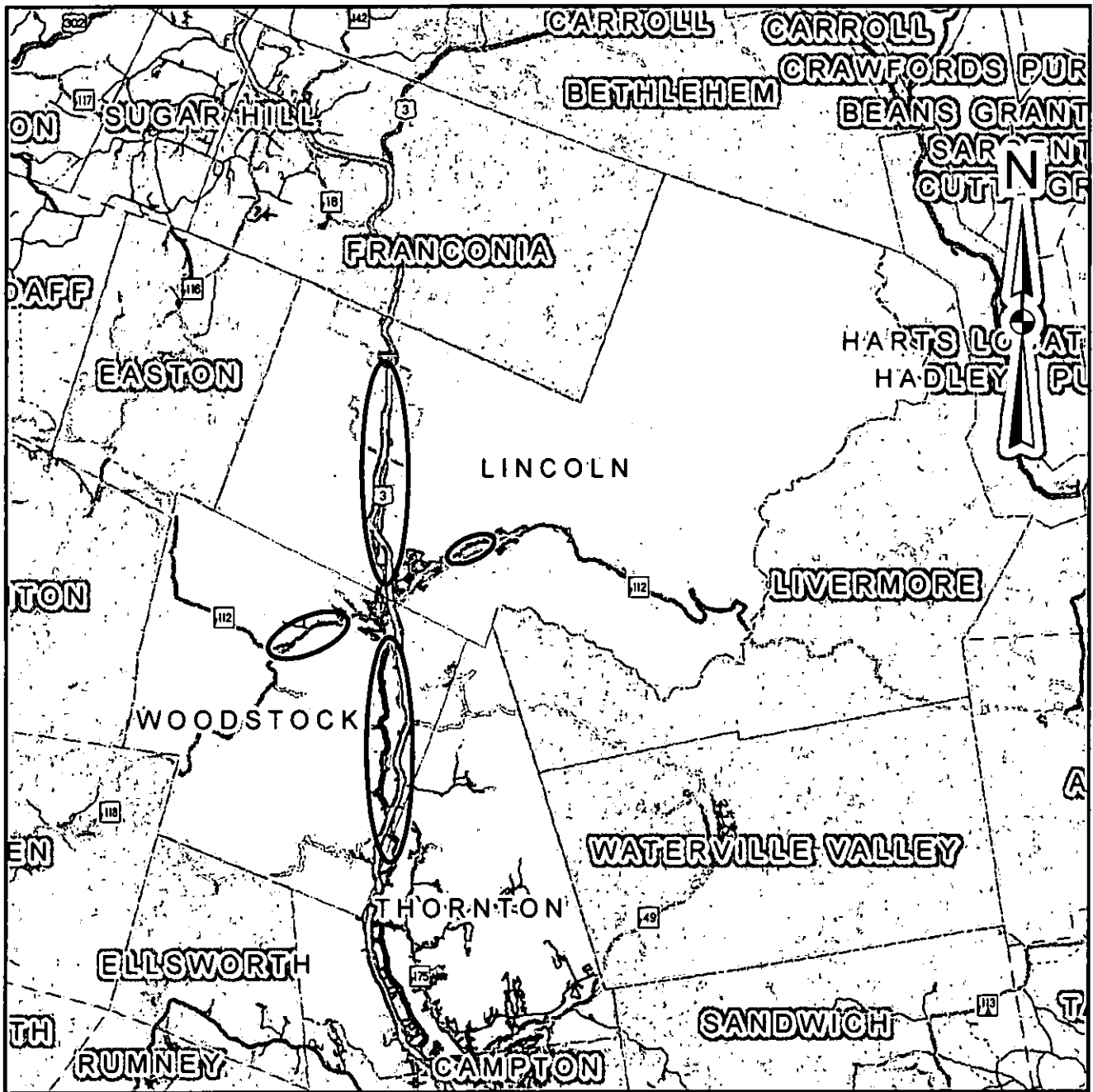
PROJECT INITIATED: This project was initiated through the State's Ten Year Plan, under the HSIP Program.

PROJECT EXPLANATION: The existing cable guardrail and "F" terminal units along US Route 3 and NH Routes 112, 118, & 175 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 do meet the current standards.

TRAFFIC IMPLICATIONS: On two way roads, short term one-lane, alternating two-way traffic will be allowed with prior approval. Traffic may be reduced to one lane for terminal replacements along I-93 with prior approval.

COMPLETION DATE: October 30, 2020

STATEWIDE 41897



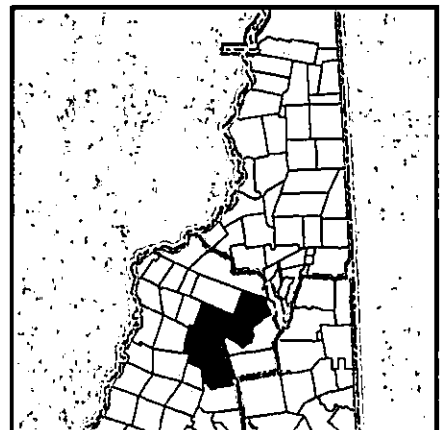
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 41897
 Federal #: X-A004(767)

LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/3/2020

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 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 E-MAIL ADDRESS: dbickford@rowleyagency.com FAX (A/C, No): (603) 224-8012	
INSURED C. W. Sliter & Sons, LLC dba CWS Fence & Guardrail Co. 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 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:			CPA5423426-10	1/3/2020	1/3/2021	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 - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			CAA5423427-10	1/3/2020	1/3/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$ 0			CUA5423428-10	1/3/2020	1/3/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 Products/Comp Ops 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 <input checked="" type="checkbox"/> N N/A			3A States - NH, ME. WCA5423429-10	1/3/2020	1/3/2021	<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
A	Leased/Rented Equipment			CPA5423426-10	1/3/2020	1/3/2021	None \$ 50,000

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

Project: Statewide X-A004(767) 41897- Replace cable Guardrail and F Terminal Units on Tier 2 & 3 Roads
 The State of New Hampshire 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 WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Donna Bickford/CHH



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/3/2020

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 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	
INSURED Plymouth and Lincoln Railroad & State of NH Railroad c/o C. W. Sliter & Sons, LLC PO Box 120 Andover NH 03216		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 28188	

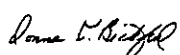
COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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"/> Railroad Protective Liab. GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			DTSP84P425758IND20	3/25/2020	3/25/2021	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 - COM/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						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"/> EXCESS LIAB <input type="checkbox"/> RETENTION \$						<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 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)
 Project: Statewide X-A004 (767) 41897- Replace cable Guardrail and F Terminal Units on Tier 2 & 3 Roads

Named Insured: Plymouth and Lincoln Railroad and the State of New Hampshire Railroad, their affiliates, successors and assigns

CERTIFICATE HOLDER State of NH-Dept of Transportation Plymouth and Lincoln Railroad 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 
--	--



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/3/2020

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 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 E-MAIL ADDRESS: dbickford@rowleyagency.com FAX (A/C, No): (603) 224-8012	
INSURED State of NH Dept. 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 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"/> Owners & Contractors Protec GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCPB2022114016	3/25/2020	4/30/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	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) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				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)
Job: Statewide X-A004(767) #41897- Replace Cable Guardrail & F Terminal Units on Tier 2 & 3 Roads

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 <i>Donna Bickford</i>
--	--