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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
April 1, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with C.W. Sliter & Sons, Inc. d/b/a CWS Fence & Guardrail Co. (Vendor 155763) of Andover, NH on the basis of a low bid of \$923,464.50 for replacement of substandard F-Unit guardrail terminals and substandard guardrail, from the date of Governor and Council approval through October 25, 2019, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

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

Funding is available as follows:	<u>FY 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054 Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$223,464.50	\$700,000.00

2. Further authorize that a contingency in the amount of \$46,173.23 be approved to account for unanticipated traffic control needs and any guardrail adjustments that may need to be made in the field. The contingency requested is 5% of the contract amount.

Funding is available as follows:	<u>FY 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054 Consolidated Federal Aid		
400-500870 Highway Contract Payments		\$46,173.23

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Highway Safety Improvement Program. This project involves the replacement of approximately 10,500 feet of substandard w-beam guardrail associated with 61 "F" terminal units, with the construction of approximately 12,700 feet of new beam guardrail. The existing guard rail and "F" terminal units will be upgraded to meet the current guardrail standards and are located along Tier 2 and 3 roadways in Maintenance District 3.

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.

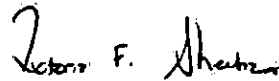
Although the bid costs exceeded the Department's estimate by 10.19%, the low bid of 3 bids received is felt to be reasonable for the work involved. This Contract advertised last year and it was not awarded because the low bid was 18% over the Department's Estimate. The project scope was modified (reduced) to focus the work on the Route 3 corridor. The current low bid is \$350,000.00 lower than the previous Contract low bid total. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

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

This project funding is 90% Federal Funds with 10% state match. Turnpike toll credit is being utilized for match requirements, 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.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$838,070.50
Contract Amount: \$923,464.50
Over Estimate: \$ 85,394.00
Attachments

Ad: February 12, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the replacement of approximately 10,500 feet of deficient w-beam guardrail, including 61 "F" terminal units, with the construction of approximately 12,700 feet of new beam guardrail. The existing cable and "F" terminal units will be upgraded to meet the current guardrail standards and are located along Tier 2 and 3 roadways in Maintenance District 3.

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.

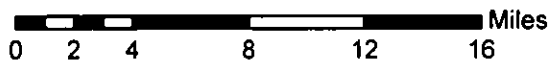
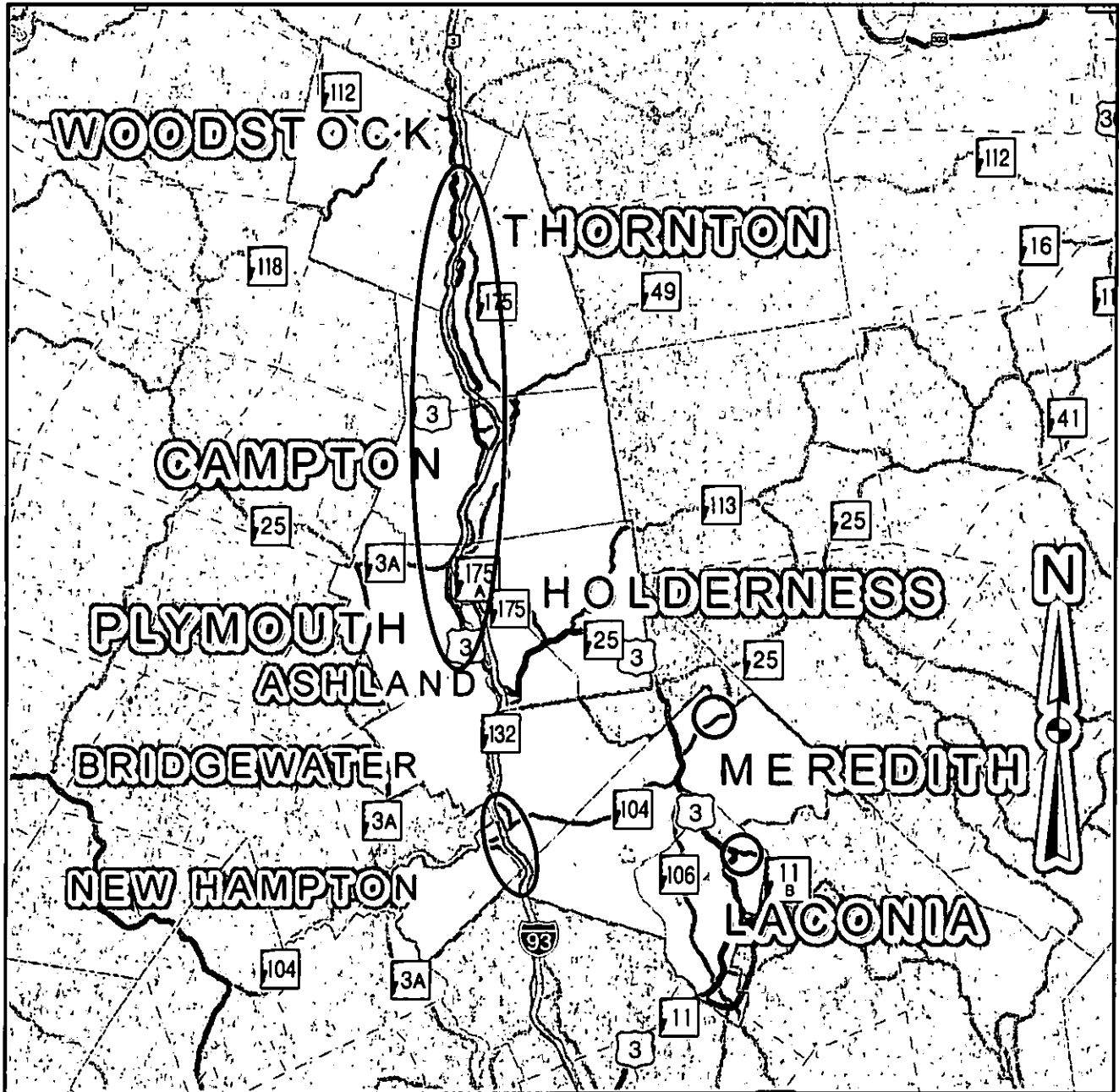
PROJECT INITIATED: State's Ten-Year Plan – Highway Safety Improvement Program (HSIP)

PROJECT EXPLANATION: The existing cable guardrail and "F" terminal units 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 do meet the current standards.

TRAFFIC IMPLICATIONS: One-lane, alternating two-way traffic will be permitted in a single 13' minimum width lane with the use of flaggers or uniformed officers. Two-way traffic will be maintained whenever possible and will be restored prior to non-work hours. Daytime shoulder closures will be permitted in conjunction with traffic shifts allowing for guardrail and other operations, where feasible.

COMPLETION DATE: October 25, 2019

STATEWIDE 41269 - DISTRICT 3

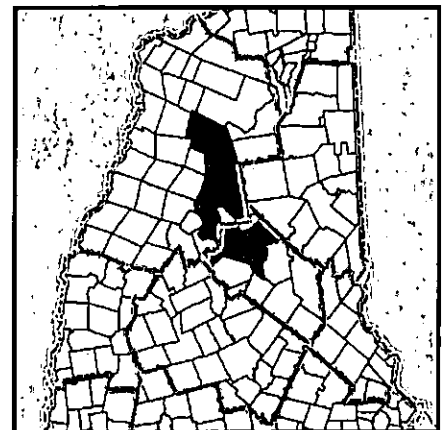


LEGEND

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

New Hampshire
DOT
 Department of Transportation

State # 41269
 Federal # X-A004 (576)
LOCATION MAP





ABC Bid Data

STATEWIDE
41269
X-A004(576)

PROJECT:	STATEWIDE	Awarded To:	CWS FENCE & GUARDRAIL CO
STATE PROJECT NUMBER:	41269		261 FRANKLIN HWY
FED. PROJECT NUMBER:	X-A004(576)		ANDOVER, NH 03216-3810
DATE BIDS OPEN:	March 07, 2019, 2:00	Amount:	\$923,464.50
SCOPE OF WORK:	Replace substandard F-Unit guardrail terminals and substandard cable guardrail.	Certified by:	PETER.E.STAMNAS
COMPLETION DATE:	October 25, 2019	Award Date:	<u>Director of Project Development</u>
LOCATION:			

Summary of Bidders

Contractor	Bid Amount	Rank
CWS FENCE & GUARDRAIL CO 261 FRANKLIN HWY, ANDOVER NH 03216-3810	\$923,464.50	A
VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147, BARNET VT 05821	\$992,330.75	B
PREMIER FENCE LLC 1010 TURNPIKE STREET, CANTON MA 02021	\$1,240,768.94	C

Item No.	Description	Unit	Quantity	P&E		CWS FENCE & GUARDRAIL CO 201 FRANKLIN HWY ANDOVER, NH 03218-3210		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05821	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	10,500.00	\$2.50	\$26,250.00	\$3.00	\$31,500.00	\$2.30	\$24,150.00
203.1	COMMON EXCAVATION	CY	60.00	\$60.00	\$3,600.00	\$25.00	\$1,500.00	\$42.00	\$2,520.00
203.5554	GUARDRAIL EAGRT PLATFORM, TL 3	U	3.00	\$1,300.00	\$3,900.00	\$1,200.00	\$3,600.00	\$1,700.00	\$5,100.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	1.00	\$1,350.00	\$1,350.00	\$1,200.00	\$1,200.00	\$1,750.00	\$1,750.00
203.5555	GUARDRAIL EAGRT PLATFORM, TL 2	U	32.00	\$1,000.00	\$32,000.00	\$1,200.00	\$38,400.00	\$1,675.00	\$53,600.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	19.00	\$1,050.00	\$19,950.00	\$1,200.00	\$22,800.00	\$1,675.00	\$31,825.00
203.55555	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2 - 25'	U	1.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00
203.55556	GUARDRAIL EAGRT PLATFORM, TL 2 - 25'	U	1.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00
203.801	EMBANKMENT-IN-PLACE	CY	200.00	\$20.00	\$4,000.00	\$28.00	\$5,600.00	\$39.00	\$7,800.00
206.1	COMMON STRUCTURE EXCAVATION	CY	40.00	\$100.00	\$4,000.00	\$45.00	\$1,800.00	\$60.00	\$2,400.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$70.00	\$3,500.00	\$25.00	\$1,250.00	\$98.00	\$4,900.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	500.00	\$40.00	\$20,000.00	\$50.00	\$25,000.00	\$38.00	\$19,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$270.00	\$2,700.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	2.00	\$100.00	\$200.00	\$150.00	\$300.00	\$150.00	\$300.00
585.802	ADJUSTING BRIDGE APPROACH RAIL	U	18.00	\$325.00	\$5,850.00	\$350.00	\$6,300.00	\$800.00	\$14,400.00
585.3	STONE FILL, CLASS C	CY	40.00	\$75.00	\$3,000.00	\$100.00	\$4,000.00	\$110.00	\$4,400.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	175.00	\$2.50	\$437.50	\$5.00	\$875.00	\$6.25	\$1,093.75
603.0001	VIDEO INSPECTION	LF	610.00	\$3.00	\$1,830.00	\$2.50	\$1,525.00	\$5.25	\$3,202.50
603.34115	15" STEEL END SECTIONS	EA	16.00	\$210.00	\$3,360.00	\$275.00	\$4,400.00	\$615.00	\$9,840.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	540.00	\$75.00	\$40,500.00	\$85.00	\$45,900.00	\$90.00	\$48,600.00
603.60012	LAYING/RELAYING 12" DRAINAGE PIPE	LF	8.00	\$40.00	\$320.00	\$80.00	\$640.00	\$65.00	\$520.00
603.82212	12" PE PIPE (TYPE S)	LF	70.00	\$60.00	\$4,200.00	\$80.00	\$5,600.00	\$71.00	\$4,970.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$600.00	\$1,200.00	\$750.00	\$1,500.00	\$800.00	\$1,600.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,350.00	\$1,350.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	1,700.00	\$12.00	\$20,400.00	\$15.00	\$25,500.00	\$13.50	\$22,950.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	350.00	\$60.00	\$21,000.00	\$95.00	\$33,250.00	\$75.00	\$26,250.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	400.00	\$12.00	\$4,800.00	\$15.00	\$6,000.00	\$17.00	\$6,800.00
606.01588	FURNISH STEEL POSTS (NU-GUARD-31), 7'-8" WITH HARDWARE	EA	6.00	\$80.00	\$360.00	\$80.00	\$480.00	\$90.00	\$540.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	4.00	\$2,200.00	\$8,800.00	\$2,850.00	\$11,400.00	\$3,000.00	\$12,000.00

Item No.	Description	Unit	Quantity	P&E		CWS FENCE & GUARDRAIL CO 281 FRANKLIN HWY ANDOVER, NH 03216-3819		VERMONT RECREATIONAL SURFACING & FENCING INC PO BOX 147 BARNET, VT 05821	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	51.00	\$2,200.00	\$112,200.00	\$2,750.00	\$140,250.00	\$2,850.00	\$145,350.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$2,500.00	\$5,000.00	\$2,750.00	\$5,500.00	\$2,850.00	\$5,700.00
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	225.00	\$21.00	\$4,725.00	\$22.50	\$5,062.50	\$30.00	\$6,750.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,500.00	\$20.00	\$170,000.00	\$22.00	\$187,000.00	\$22.00	\$187,000.00
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-0") (STEEL POST)	U	1.00	\$4,000.00	\$4,000.00	\$4,850.00	\$4,850.00	\$4,000.00	\$4,000.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	420.00	\$15.00	\$6,300.00	\$20.00	\$8,400.00	\$27.00	\$11,340.00
618.81	UNIFORMED OFFICERS WITH VEHICLE	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
618.7	FLAGGERS	HR	1,200.00	\$30.00	\$36,000.00	\$35.00	\$42,000.00	\$42.00	\$50,400.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$49,500.00	\$49,500.00	\$27,000.00	\$27,000.00	\$42,000.00	\$42,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,000.00	\$8,000.00	\$5,850.00	\$11,700.00	\$3,500.00	\$7,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,500.00	\$7,000.00	\$1,000.00	\$2,000.00	\$3,500.00	\$7,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	220.00	\$4.25	\$935.00	\$5.00	\$1,100.00	\$5.25	\$1,155.00
621.31	SINGLE DELINEATOR WITH POST	EA	120.00	\$38.00	\$4,560.00	\$42.00	\$5,040.00	\$44.00	\$5,280.00
621.32	DOUBLE DELINEATOR WITH POST	EA	30.00	\$40.00	\$1,200.00	\$48.00	\$1,440.00	\$49.00	\$1,470.00
622.1	STEEL WITNESS MARKERS	EA	17.00	\$29.00	\$493.00	\$35.00	\$595.00	\$36.00	\$612.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	420.00	\$5.00	\$2,100.00	\$8.00	\$3,360.00	\$12.50	\$5,250.00
645.3	EROSION STONE	TON	75.00	\$45.00	\$3,375.00	\$100.00	\$7,500.00	\$75.00	\$5,625.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,800.00	\$2.50	\$17,000.00	\$4.75	\$32,300.00	\$3.65	\$24,820.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$5.50	\$5,500.00	\$3.50	\$3,500.00	\$6.00	\$6,000.00
645.531	SILT FENCE	LF	1,000.00	\$2.50	\$2,500.00	\$3.50	\$3,500.00	\$3.65	\$3,650.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	9,850.00	\$2.50	\$24,625.00	\$2.75	\$27,087.50	\$3.55	\$34,967.50
647.1	HUMUS	CY	1,100.00	\$35.00	\$38,500.00	\$30.00	\$33,000.00	\$41.00	\$45,100.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$300.00	\$300.00
692.	MOBILIZATION	U	1.00	\$80,000.00	\$80,000.00	\$51,509.50	\$51,509.50	\$41,000.00	\$41,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
Totals:				\$838,070.50		\$923,464.50		\$992,330.75	
Alt. Totals:									
Totals:				\$838,070.50		\$923,464.50		\$992,330.75	

Item No.	Description	Unit	Quantity	P&E		PREMIER FENCE LLC 1010 TURNPIKE STREET CANTON, MA 02021		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	10,500.00	\$2.50	\$26,250.00	\$4.00	\$42,000.00		
203.1	COMMON EXCAVATION	CY	60.00	\$60.00	\$3,600.00	\$60.00	\$3,600.00		
203.5554	GUARDRAIL EAGRT PLATFORM, TL 3	U	3.00	\$1,300.00	\$3,900.00	\$1,485.00	\$4,455.00		
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	1.00	\$1,350.00	\$1,350.00	\$1,500.00	\$1,500.00		
203.5555	GUARDRAIL EAGRT PLATFORM, TL 2	U	32.00	\$1,000.00	\$32,000.00	\$1,495.00	\$47,840.00		
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	19.00	\$1,050.00	\$19,950.00	\$1,450.00	\$27,550.00		
203.55555	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2 - 25'	U	1.00	\$1,000.00	\$1,000.00	\$1,400.00	\$1,400.00		
203.55556	GUARDRAIL EAGRT PLATFORM, TL 2 - 25'	U	1.00	\$1,000.00	\$1,000.00	\$1,525.00	\$1,525.00		
203.801	EMBANKMENT-IN-PLACE	CY	200.00	\$20.00	\$4,000.00	\$45.00	\$9,000.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	40.00	\$100.00	\$4,000.00	\$60.00	\$2,400.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	90.00	\$70.00	\$3,500.00	\$75.00	\$3,750.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	500.00	\$40.00	\$20,000.00	\$65.00	\$32,500.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$300.00	\$3,000.00	\$400.00	\$4,000.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	2.00	\$100.00	\$200.00	\$195.00	\$390.00		
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	18.00	\$325.00	\$5,850.00	\$830.02	\$14,940.36		
585.3	STONE FILL, CLASS C	CY	40.00	\$75.00	\$3,000.00	\$148.00	\$5,920.00		
593.421	GEOTEXTILE; PERM CONTROL CL2, NON-WOVEN	SY	175.00	\$2.50	\$437.50	\$15.00	\$2,625.00		
603.0001	VIDEO INSPECTION	LF	610.00	\$3.00	\$1,830.00	\$5.00	\$3,050.00		
603.34115	15" STEEL END SECTIONS	EA	16.00	\$210.00	\$3,360.00	\$300.00	\$4,800.00		
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	540.00	\$75.00	\$40,500.00	\$75.00	\$40,500.00		
603.60012	LAYING/RELAYING 12" DRAINAGE PIPE	LF	8.00	\$40.00	\$320.00	\$145.00	\$1,160.00		
603.82212	12" PE PIPE (TYPE S)	LF	70.00	\$60.00	\$4,200.00	\$85.00	\$5,950.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$600.00	\$1,200.00	\$1,350.00	\$2,700.00		
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00		
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	1,700.00	\$12.00	\$20,400.00	\$14.85	\$25,245.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	350.00	\$60.00	\$21,000.00	\$88.05	\$30,817.50		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	400.00	\$12.00	\$4,800.00	\$18.00	\$7,200.00		
606.01588	FURNISH STEEL POSTS (NU-GUARD-31), 7'-6" WITH HARDWARE	EA	6.00	\$60.00	\$360.00	\$88.05	\$528.30		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	4.00	\$2,200.00	\$8,800.00	\$3,680.00	\$14,720.00		

Item No.	Description	Unit	Quantity	P&E		PREMIER FENCE LLC 1010 TURNPIKE STREET CANTON, MA 02021		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	51.00	\$2,200.00	\$112,200.00	\$3,285.00	\$167,535.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$2,500.00	\$5,000.00	\$3,285.00	\$6,570.00		
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	225.00	\$21.00	\$4,725.00	\$50.00	\$11,250.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,500.00	\$20.00	\$170,000.00	\$34.70	\$294,950.00		
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-9") (STEEL POST)	U	1.00	\$4,000.00	\$4,000.00	\$5,200.00	\$5,200.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	420.00	\$15.00	\$6,300.00	\$27.18	\$11,415.60		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00		
618.7	FLAGGERS	HR	1,200.00	\$30.00	\$36,000.00	\$38.00	\$45,600.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$49,500.00	\$49,500.00	\$60,000.00	\$60,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,000.00	\$8,000.00	\$5,500.00	\$11,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,500.00	\$7,000.00	\$2,800.00	\$5,600.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	220.00	\$4.25	\$935.00	\$6.98	\$1,535.60		
621.31	SINGLE DELINEATOR WITH POST	EA	120.00	\$38.00	\$4,560.00	\$45.00	\$5,400.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	30.00	\$40.00	\$1,200.00	\$52.00	\$1,560.00		
622.1	STEEL WITNESS MARKERS	EA	17.00	\$29.00	\$493.00	\$27.74	\$471.58		
628.2	SAWED BITUMINOUS PAVEMENT	LF	420.00	\$5.00	\$2,100.00	\$12.00	\$5,040.00		
645.3	EROSION STONE	TON	75.00	\$45.00	\$3,375.00	\$45.00	\$3,375.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,800.00	\$2.50	\$17,000.00	\$5.00	\$34,000.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$5.50	\$5,500.00	\$6.00	\$6,000.00		
645.531	SILT FENCE	LF	1,000.00	\$2.50	\$2,500.00	\$4.00	\$4,000.00		
648.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	9,850.00	\$2.50	\$24,625.00	\$4.00	\$39,400.00		
647.1	HUMUS	CY	1,100.00	\$35.00	\$38,500.00	\$40.00	\$44,000.00		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$300.00	\$300.00		
692.	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$100,000.00	\$100,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		

Totals:	\$838,070.50	\$1,240,788.94
Alt. Totals:		
Totals:	\$838,070.50	\$1,240,788.94



PS&E Comparison

STATEWIDE
41269
X-A004(576)

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	10,500.00	\$3.00	\$31,500.00	\$2.50	\$26,250.00	\$5,250.00
203.1	COMMON EXCAVATION	CY	60.00	\$25.00	\$1,500.00	\$60.00	\$3,600.00	(\$2,100.00)
203.5554	GUARDRAIL EAGRT PLATFORM, TL 3	U	3.00	\$1,200.00	\$3,600.00	\$1,300.00	\$3,900.00	(\$300.00)
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	1.00	\$1,200.00	\$1,200.00	\$1,350.00	\$1,350.00	(\$150.00)
203.5555	GUARDRAIL EAGRT PLATFORM, TL 2	U	32.00	\$1,200.00	\$38,400.00	\$1,000.00	\$32,000.00	\$6,400.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	19.00	\$1,200.00	\$22,800.00	\$1,050.00	\$19,950.00	\$2,850.00
203.55555	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2 - 25'	U	1.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$100.00
203.55556	GUARDRAIL EAGRT PLATFORM, TL 2 - 25'	U	1.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$100.00
203.601	EMBANKMENT-IN-PLACE	CY	200.00	\$28.00	\$5,600.00	\$20.00	\$4,000.00	\$1,600.00
206.1	COMMON STRUCTURE EXCAVATION	CY	40.00	\$45.00	\$1,800.00	\$100.00	\$4,000.00	(\$2,200.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$25.00	\$1,250.00	\$70.00	\$3,500.00	(\$2,250.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	500.00	\$50.00	\$25,000.00	\$40.00	\$20,000.00	\$5,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$0.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	2.00	\$150.00	\$300.00	\$100.00	\$200.00	\$100.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	18.00	\$350.00	\$6,300.00	\$325.00	\$5,850.00	\$450.00

585.3	STONE FILL, CLASS C	CY	40.00	\$100.00	\$4,000.00	\$75.00	\$3,000.00	\$1,000.00
593.421	GEOTEXTILE; PERM CONTROL CL.2. NON-WOVEN	SY	175.00	\$5.00	\$875.00	\$2.50	\$437.50	\$437.50
603.0001	VIDEO INSPECTION	LF	610.00	\$2.50	\$1,525.00	\$3.00	\$1,830.00	(\$305.00)
603.34115	15" STEEL END SECTIONS	EA	16.00	\$275.00	\$4,400.00	\$210.00	\$3,360.00	\$1,040.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	540.00	\$85.00	\$45,900.00	\$75.00	\$40,500.00	\$5,400.00
603.60012	LAYING/RELAYING 12" DRAINAGE PIPE	LF	8.00	\$80.00	\$640.00	\$40.00	\$320.00	\$320.00
603.82212	12" PE PIPE (TYPE S)	LF	70.00	\$80.00	\$5,600.00	\$60.00	\$4,200.00	\$1,400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$750.00	\$1,500.00	\$600.00	\$1,200.00	\$300.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	(\$500.00)
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	1,700.00	\$15.00	\$25,500.00	\$12.00	\$20,400.00	\$5,100.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	350.00	\$95.00	\$33,250.00	\$60.00	\$21,000.00	\$12,250.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	400.00	\$15.00	\$6,000.00	\$12.00	\$4,800.00	\$1,200.00
606.01588	FURNISH STEEL POSTS (NU-GUARD-31), 7'-6" WITH HARDWARE	EA	6.00	\$80.00	\$480.00	\$60.00	\$360.00	\$120.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	4.00	\$2,850.00	\$11,400.00	\$2,200.00	\$8,800.00	\$2,600.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	51.00	\$2,750.00	\$140,250.00	\$2,200.00	\$112,200.00	\$28,050.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$2,750.00	\$5,500.00	\$2,500.00	\$5,000.00	\$500.00
606.15809	BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	225.00	\$22.50	\$5,062.50	\$21.00	\$4,725.00	\$337.50
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,500.00	\$22.00	\$187,000.00	\$20.00	\$170,000.00	\$17,000.00
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-9") (STEEL POST)	U	1.00	\$4,850.00	\$4,850.00	\$4,000.00	\$4,000.00	\$850.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	420.00	\$20.00	\$8,400.00	\$15.00	\$6,300.00	\$2,100.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00

618.7	FLAGGERS	HR	1,200.00	\$35.00	\$42,000.00	\$30.00	\$36,000.00	\$6,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$27,000.00	\$27,000.00	\$49,500.00	\$49,500.00	(\$22,500.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$5,850.00	\$11,700.00	\$4,000.00	\$8,000.00	\$3,700.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,000.00	\$2,000.00	\$3,500.00	\$7,000.00	(\$5,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	220.00	\$5.00	\$1,100.00	\$4.25	\$935.00	\$165.00
621.31	SINGLE DELINEATOR WITH POST	EA	120.00	\$42.00	\$5,040.00	\$38.00	\$4,560.00	\$480.00
621.32	DOUBLE DELINEATOR WITH POST	EA	30.00	\$48.00	\$1,440.00	\$40.00	\$1,200.00	\$240.00
622.1	STEEL WITNESS MARKERS	EA	17.00	\$35.00	\$595.00	\$29.00	\$493.00	\$102.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	420.00	\$8.00	\$3,360.00	\$5.00	\$2,100.00	\$1,260.00
645.3	EROSION STONE	TON	75.00	\$100.00	\$7,500.00	\$45.00	\$3,375.00	\$4,125.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	6,800.00	\$4.75	\$32,300.00	\$2.50	\$17,000.00	\$15,300.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,000.00	\$3.50	\$3,500.00	\$5.50	\$5,500.00	(\$2,000.00)
645.531	SILT FENCE	LF	1,000.00	\$3.50	\$3,500.00	\$2.50	\$2,500.00	\$1,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	9,850.00	\$2.75	\$27,087.50	\$2.50	\$24,625.00	\$2,462.50
647.1	HUMUS	CY.	1,100.00	\$30.00	\$33,000.00	\$35.00	\$38,500.00	(\$5,500.00)
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$0.00
692.	MOBILIZATION	U	1.00	\$51,509.50	\$51,509.50	\$60,000.00	\$60,000.00	(\$8,490.50)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

Total:					\$923,464.50	\$838,070.50	\$85,394.00
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CWSLITE-01

KPETTIT

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/28/2019

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

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

PRODUCER Davis & Towle Morrill & Everett, Inc. 115 Airport Road Concord, NH 03301	CONTACT NAME: Kathy M. Pettit	
	PHONE (A/C, No, Ext): (603) 715-9739	FAX (A/C, No): (603) 225-7935
E-MAIL ADDRESS: kpettit@davistowle.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Acadia Insurance Company		31325
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

INSURED


State of New Hampshire, Dept. of Transportation
 PO Box 483
 Concord, NH 03302

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	ADL 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 <input checked="" type="checkbox"/> Protective Liab. GENL AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCP5390962-10	3/29/2019	3/29/2020	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMPOPOP AGG \$ \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> N/A If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Statewide X-A004(576), 41269.

CERTIFICATE HOLDER State of New Hampshire, 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 
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