



**William Cass, P.E.**  
Commissioner

**THE STATE OF NEW HAMPSHIRE**  
DEPARTMENT OF TRANSPORTATION

45



**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  
February 15, 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 sole bid of \$695,335 for guardrail replacement north and southbound along the Spaulding Turnpike in Dover and Rochester (Project: Turnpike Guardrail #43304) from the date of Governor and Council approval through October 27, 2023, unless amended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available in State Fiscal Year 2023, and is anticipated to be available in Fiscal Year 2024 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 2023</u>	<u>FY 2024</u>
04-96-96-961017-7025		
Turnpike Renewal & Replacement		
400-500870 Highway Contract Payments	\$100,000	\$595,335

2. Further authorize that a contingency in the amount of \$34,766.75 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 2024</u>
04-96-96-961017-7025	
Turnpike Renewal & Replacement	
400-500870 Highway Contract Payments	\$34,766.75

**EXPLANATION**

This project is part of the Turnpike's Renewal and Replacement Program. This project involves guardrail replacement at various locations throughout the Turnpike system. Guardrail replacement will be between MM 13.6 and MM 13.8 Northbound and Southbound along the Spaulding Turnpike in Dover, the Eastern end of US 202/Spaulding Turnpike Connector in Rochester, and at Indian Brook Road and the Exit 9 ramps in Dover.

Page 2

The existing guardrail runs are wood post W-beam with substandard end units. The guardrail runs will be replaced with steel post W-beam and MASH compliant end units.

The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions.

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: 100% Turnpike Funded from the Renewal and Replacement Program.

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,



William Cass  
Commissioner

WC/pcj

Department Estimate: \$728,987.50  
Contract Amount: \$695,335.00  
Under Estimate: \$33,652.50  
Attachments



Item No.	Description	Unit	Quantity	PS&E		CWS SLITER & SONS LLC dba CWS FENCE & GUARDRAIL 281 FRANKLIN ROAD ANDOVER, NH 03216-3816		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	9,000.00	\$3.00	\$27,000.00	\$2.50	\$22,500.00		
203.5561	EAGRT PLATFORM PREFERRED	U	11.00	\$2,200.00	\$24,200.00	\$2,650.00	\$29,150.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$100.00	\$5,000.00	\$75.00	\$3,750.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	34.00	\$45.00	\$1,530.00	\$105.00	\$3,570.00		
606.1203	BEAM GUARDRAIL (STANDARD SECTION - THRIE BEAM) (STEEL POST)	LF	75.00	\$50.00	\$3,750.00	\$42.00	\$3,150.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	7.00	\$4,100.00	\$28,700.00	\$4,200.00	\$29,400.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	4.00	\$4,100.00	\$16,400.00	\$4,200.00	\$16,800.00		
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MID-SPLICE)	U	11.00	\$1,300.00	\$14,300.00	\$2,150.00	\$23,650.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	9,250.00	\$33.00	\$305,250.00	\$30.50	\$282,125.00		
606.33239	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST (MODIFIED)	U	4.00	\$5,200.00	\$20,800.00	\$1,250.00	\$5,000.00		
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	3.00	\$1,300.00	\$3,900.00	\$1,200.00	\$3,600.00		
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	3.00	\$1,300.00	\$3,900.00	\$1,200.00	\$3,600.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	750.00	\$20.25	\$15,187.50	\$65.00	\$48,750.00		
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$8,600.00	\$8,600.00	\$5,000.00	\$5,000.00		
616.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00		
618.7	FLAGGERS	HR	80.00	\$50.00	\$4,000.00	\$37.00	\$2,960.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$35,000.00	\$35,000.00	\$11,700.00	\$11,700.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$2,000.00	\$8,000.00	\$1,100.00	\$4,400.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	3.00	\$2,500.00	\$7,500.00	\$750.00	\$2,250.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$12,000.00	\$24,000.00	\$1,500.00	\$3,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	150.00	\$8.00	\$1,200.00	\$7.00	\$1,050.00		
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	190.00	\$85.00	\$16,150.00	\$80.00	\$15,200.00		
645.531	SILT FENCE	LF	2,200.00	\$4.40	\$9,680.00	\$4.35	\$9,570.00		

# ABC Bid Data

TURNPIKE GUARDRAIL

43304

NON-FEDERAL

Item No.	Description	Unit	Quantity	P&E		CWS SLITER & SONS LLC dba CWS FENCE & GUARDRAIL 281 FRANKLIN ROAD ANDOVER, NH 03216-3216		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,660.00	\$9.00	\$14,940.00	\$26.00	\$43,160.00		
692.	MOBILIZATION	U	1.00	\$45,000.00	\$45,000.00	\$37,000.00	\$37,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
<b>Totals:</b>					<b>\$728,987.50</b>		<b>\$695,335.00</b>		
<b>Alt. Totals:</b>									
<b>Totals:</b>					<b>\$728,987.50</b>		<b>\$695,335.00</b>		

## PS&E Comparison

TURNPIKE GUARDRAIL  
 43304  
 NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
202.7	REMOVAL OF GUARDRAIL	LF	9,000.00	\$2.50	\$22,500.00	\$3.00	\$27,000.00	(\$4,500.00)
203.5561	EAGRT PLATFORM PREFERRED	U	11.00	\$2,650.00	\$29,150.00	\$2,200.00	\$24,200.00	\$4,950.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$75.00	\$3,750.00	\$100.00	\$5,000.00	(\$1,250.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	34.00	\$105.00	\$3,570.00	\$45.00	\$1,530.00	\$2,040.00
606.1203	BEAM GUARDRAIL (STANDARD SECTION - THRIE BEAM) (STEEL POST)	LF	75.00	\$42.00	\$3,150.00	\$50.00	\$3,750.00	(\$600.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	7.00	\$4,200.00	\$29,400.00	\$4,100.00	\$28,700.00	\$700.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	4.00	\$4,200.00	\$16,800.00	\$4,100.00	\$16,400.00	\$400.00
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MID-SPLICE)	U	11.00	\$2,150.00	\$23,650.00	\$1,300.00	\$14,300.00	\$9,350.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	9,250.00	\$30.50	\$282,125.00	\$33.00	\$305,250.00	(\$23,125.00)
606.33239	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST (MODIFIED)	U	4.00	\$1,250.00	\$5,000.00	\$5,200.00	\$20,800.00	(\$15,800.00)
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	3.00	\$1,200.00	\$3,600.00	\$1,300.00	\$3,900.00	(\$300.00)
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	3.00	\$1,200.00	\$3,600.00	\$1,300.00	\$3,900.00	(\$300.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	750.00	\$65.00	\$48,750.00	\$20.25	\$15,187.50	\$33,562.50



## PS&E Comparison

TURNPIKE GUARDRAIL  
43304  
NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$5,000.00	\$5,000.00	\$8,600.00	\$8,600.00	(\$3,600.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00
618.7	FLAGGERS	HR	80.00	\$37.00	\$2,960.00	\$50.00	\$4,000.00	(\$1,040.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$11,700.00	\$11,700.00	\$35,000.00	\$35,000.00	(\$23,300.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$1,100.00	\$4,400.00	\$2,000.00	\$8,000.00	(\$3,600.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	3.00	\$750.00	\$2,250.00	\$2,500.00	\$7,500.00	(\$5,250.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$1,500.00	\$3,000.00	\$12,000.00	\$24,000.00	(\$21,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	150.00	\$7.00	\$1,050.00	\$8.00	\$1,200.00	(\$150.00)
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	190.00	\$80.00	\$15,200.00	\$85.00	\$16,150.00	(\$950.00)
645.531	SILT FENCE	LF	2,200.00	\$4.35	\$9,570.00	\$4.40	\$9,680.00	(\$110.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,660.00	\$26.00	\$43,160.00	\$9.00	\$14,940.00	\$28,220.00
692.	MOBILIZATION	U	1.00	\$37,000.00	\$37,000.00	\$45,000.00	\$45,000.00	(\$8,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
<b>Total:</b>					<b>\$695,335.00</b>		<b>\$728,987.50</b>	<b>(\$33,652.50)</b>

January 17, 2023

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves guardrail replacement at various locations throughout the Turnpike system. Guardrail replacement will be between MM 13.6 and MM 13.8 Northbound and Southbound along the Spaulding Turnpike in Dover, the Eastern end of US 202/Spaulding Turnpike Connector in Rochester, and at Indian Brook Road and the Exit 9 ramps in Dover.

**FEDERAL FUNDING:** 0% (100% Turnpike Funded from the Renewal and Replacement Program)

**CONTINGENCY:** The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions.

**PROJECT INITIATED:** This project was initiated through the Turnpike Renewal and Replacement (TRR) Program.

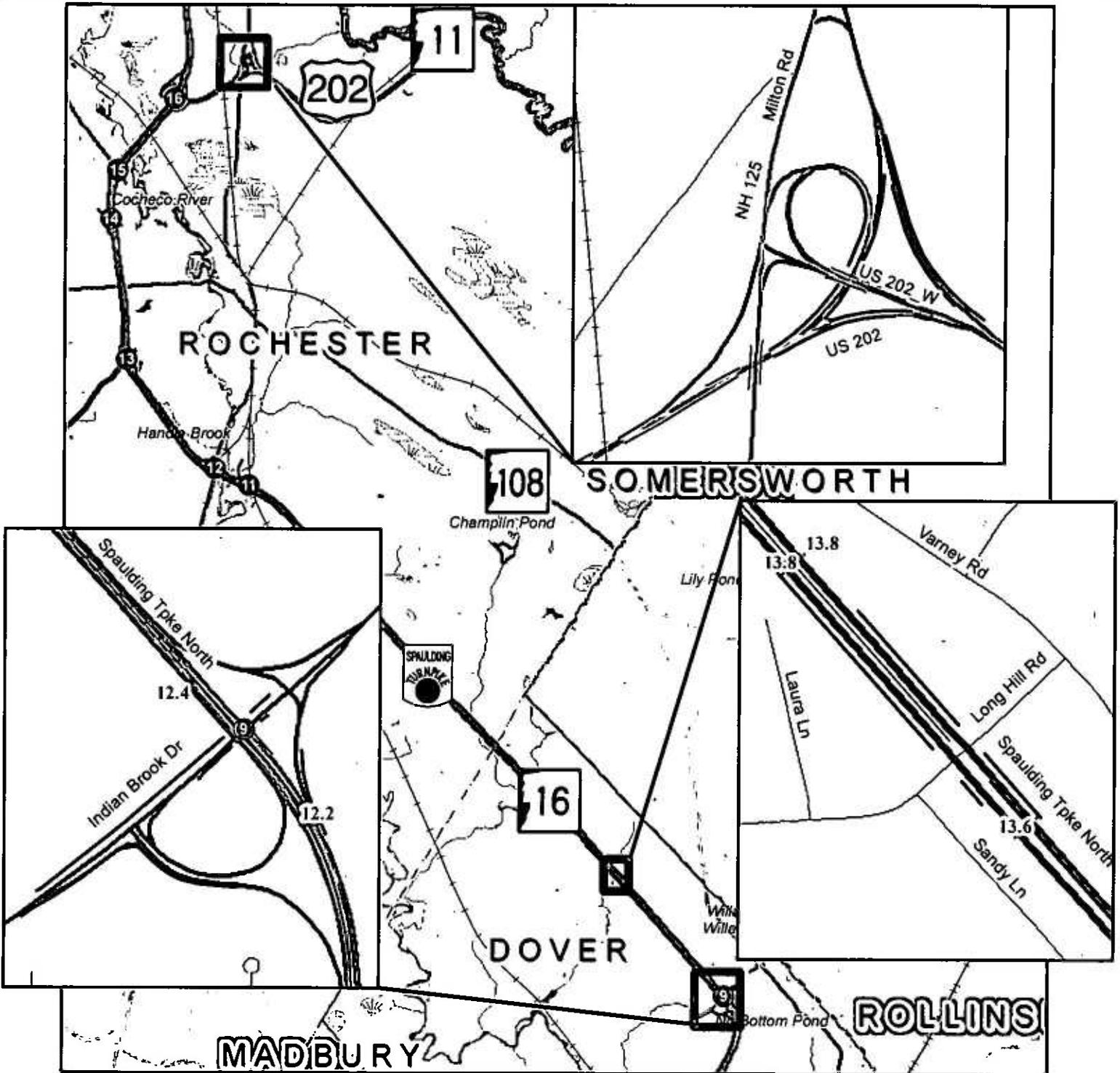
**PROJECT EXPLANATION:** The existing guardrail runs are wood post W-beam with substandard end units. The guardrail runs will be replaced with steel post W-beam and MASH compliant end units.

**TRAFFIC IMPLICATION:** The traffic impacts are expected to be minimal. Construction will take place at night with ramp closures during the following timeframes:

Sunday through Thursday NB: 9:00pm to 5:00am  
Monday through Friday SB: 9:00pm to 5:00am

**COMPLETION DATE:** October 27, 2023

# EASTERN GUARDRAIL - 43304



## LEGEND

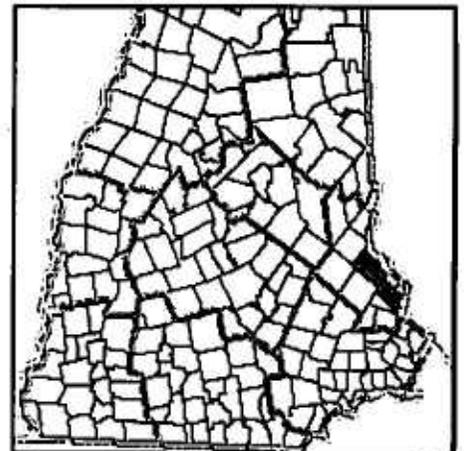
- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary
- 43304 Guardrail
- Statewide Guardrail

0 1,550 3,100 6,200 9,300 12,400 Feet

New Hampshire  
**DOT**  
 Department of Transportation

State #: 43304  
 Federal #: N/A

**LOCATION MAP**



# State of New Hampshire

## Department of State

### CERTIFICATE

I, William M. Gardner, 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: 0005744792



IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed  
the Seal of the State of New Hampshire,  
this 1st day of April A.D. 2022.

A handwritten signature in cursive script, appearing to read "Wm Gardner".

William M. Gardner  
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: February 15, 2023

ATTEST:



Robert M. Carroll, Sr.  
Sole Officer

PROJECT: Turnpike Guardrail #43304





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
2/15/2023

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).

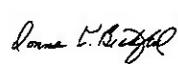
<b>PRODUCER</b> THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Donna Bickford <b>PHONE (A/C, No, Ext):</b> (603) 224-2562 <b>FAX (A/C, No):</b> (603) 224-8012 <b>E-MAIL ADDRESS:</b> dbickford@rowleyagency.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Acadia Insurance Company</td> <td>31325</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Acadia Insurance Company	31325	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A: Acadia Insurance Company	31325													
INSURER B:														
INSURER C:														
INSURER D:														
INSURER E:														
INSURER F:														
<b>INSURED</b> State of NH-Dept of Transportation c/o C.W. Sliter & Sons, LLC PO Box 120 Andover NH 03216														

**COVERAGES**      **CERTIFICATE NUMBER:** OCP NHDOT #43304      **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 WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY			OCPB2321515318	3/22/2023	4/22/2024	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:						
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000
	OTHER:						PRODUCTS - COM/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"/> OCCUR						AGGREGATE \$
	EXCESS LIAB						\$
	<input type="checkbox"/> CLAIMS-MADE						\$
	DED						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						OTHER
	If yes, describe under DESCRIPTION OF OPERATIONS below						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: Spaulding Turnpike Guardrail Rehabilitation #43304

<b>CERTIFICATE HOLDER</b> State of NH-Dept. of Transportation PO Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b> 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 
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