



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



23 Barre

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
March 16, 2016

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of Transportation to enter into a contract with L&D Safety Marking Corporation (Vendor 260129) of Barre, VT on the basis of a low bid of \$384,700.00 for milling rumble stripes in the shoulders and along the centerline of NH Route 3A, 9, 28, and 102, from the date of Governor and Council approval through July 8, 2016, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2016</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$384,700.00

EXPLANATION

This project is part of the State's Ten Year Plan, under the Highway Safety Improvement Program. This project involves milling approximately 80 roadway miles of shoulder rumble stripes and centerline rumble stripes. The rumble stripes are being milled along these roadways as a low-cost safety solution that alert drivers when they drift from their travel lane, providing an opportunity for the driver to maneuver their vehicle out of harm's way.

Rumble stripes will be milled in the right shoulder along these routes and the 4 inch lane marking will be placed directly over the milled area closest to the travel way. Since these are bicycle routes, a minimum 4 feet clear area will be provided from the strip to the edge of pavement or a minimum 5 feet clear area will be provided where vertical obstructions, such as guardrail, are present. Gaps of 12 feet will be provided every 48 feet unless other breaks for side roads or major drives are provided.

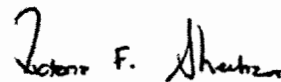
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The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and that the bid reasonably conforms to 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/md

Department Estimate: \$447,400.00
Contract Amount: \$384,700.00
Under Estimate: \$ 62,700.00

Attachments

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves milling rumble stripes in the shoulders and along the centerline of NH Route 3A, 9, 28, and 102. Rumble stripes will be milled in the right shoulder along these routes and the 4 inch pavement marking will be placed directly over the milled area closest to the travel way. Since these are bicycle routes, a minimum 4 feet clear area will be provided from the strip to the edge of pavement or a minimum 5 feet clear area will be provided where vertical obstructions, such as guardrail, are present. Gaps of 12 feet will be provided every 48 feet unless other breaks for sideroads or major drives are provided.

FEDERAL FUNDING: 90% (HSIP) utilizing Turnpike Toll Credits as the State's 10% match

PROJECT INITIATED: State's 10-Year Transportation Improvement Plan

PROJECT EXPLANATION: This project involves milling approximately 80 roadway miles of shoulder rumble stripes and centerline rumble stripes. The rumble stripes are being milled along these roadways as a low-cost safety solution that alert drivers when they drift from their travel lane, providing an opportunity for the driver to maneuver their vehicle out of harm's way.

TRAFFIC IMPLICATIONS: Lane closures will be allowed except for specific timeframes. Length of closed lanes will be less than 2 miles to minimize traffic delays. If alternating one-way traffic is approved, a 14-foot minimum width paved traveled way will be provided. Normal traffic patterns will be re-established prior to the beginning of non-work hours.

COMPLETION DATE: July 8, 2016

State of New Hampshire

Proposed Rumble Strips

STATEWIDE 28513

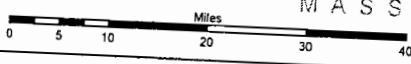
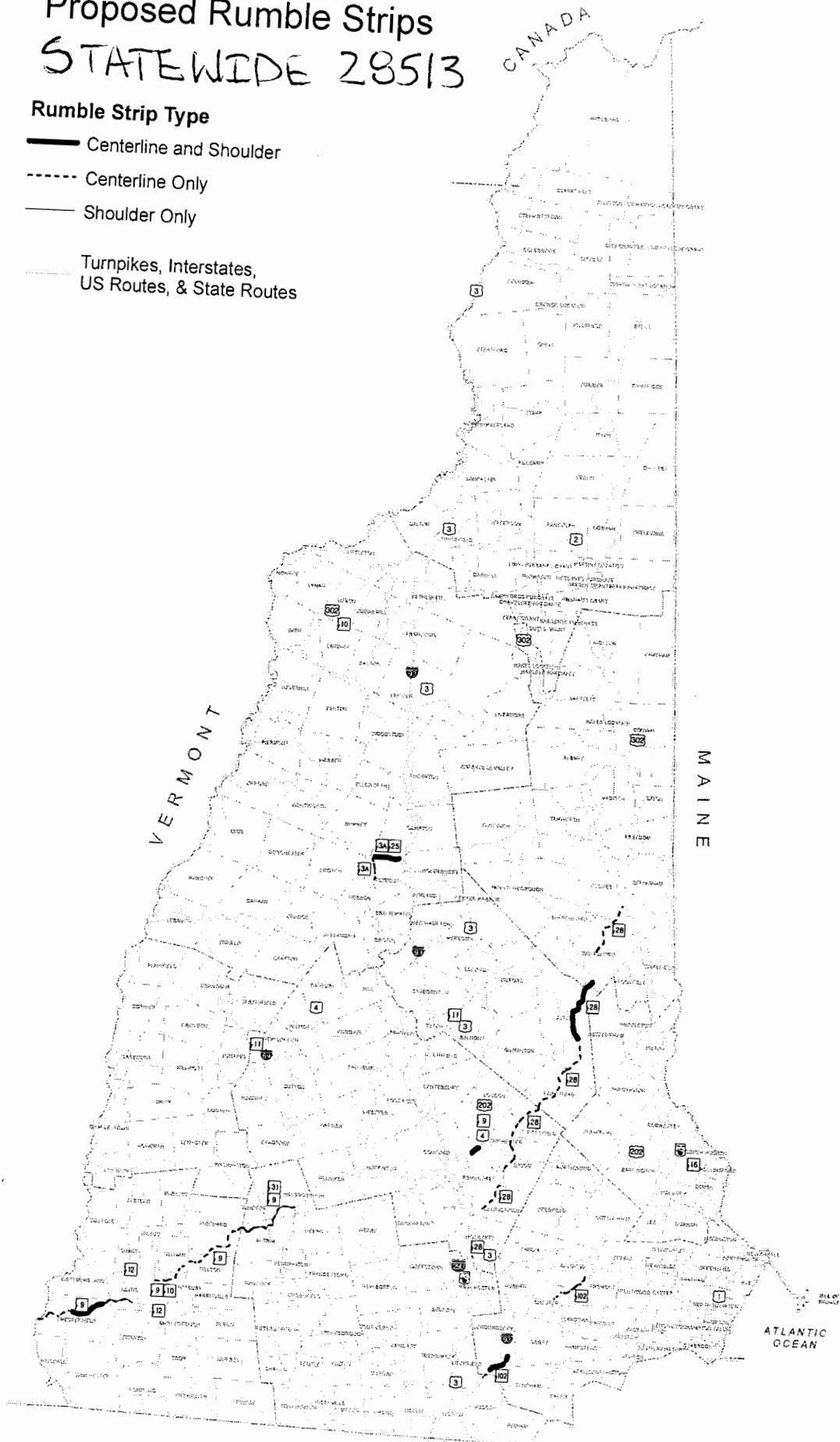
Rumble Strip Type

— Centerline and Shoulder

- - - - Centerline Only

— Shoulder Only

— Turnpikes, Interstates,
US Routes, & State Routes



State of New Hampshire Department of Transportation

Project: STATEWIDE X-A003(762) 28513

County and Code: SEE THE PROSECUTION OF WORK

Date Bids Open: February 11, 2016

Scope of Work: MILLING RUMBLE STRIPES

Location: NH ROUTE 3A, 9, 28 AND 102

Completion Date: July 8, 2016

A L & D SAFETY MARKING CORPORATION
304 EAST MONTPELIER ROAD BARRE VT 05641

\$384,700.00

B SURFACE PREPARATION TECHNOLOGIES,
81 TAXACO ROAD, MECHANICSBURG, PA 17050

\$423,000.00

Item No:	Description	Unit	Quantity	A			B		
				Unit Price	Total	Unit Price	Total	Unit Price	Total
417.412	RUMBLE STRIPS, 12" WIDE	LF	750,000.00	\$0.15	\$112,500.00	\$0.12	\$90,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$35,000.00	\$35,000.00	\$50,600.00	\$50,600.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$400.00	\$3,200.00	\$50.00	\$400.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	4.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	1,500,000.00	\$0.11	\$165,000.00	\$0.13	\$195,000.00		
692	MOBILIZATION	U	1.00	\$27,000.00	\$27,000.00	\$45,000.00	\$45,000.00		
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
					\$384,700.00		\$423,000.00		

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
417.412	RUMBLE STRIPS, 12" WIDE	LF	750,000.00	\$0.15	\$112,500.00	\$0.22	\$165,000.00	(\$52,500.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$35,000.00	\$35,000.00	\$40,000.00	\$40,000.00	(\$5,000.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$400.00	\$3,200.00	\$50.00	\$400.00	\$2,800.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	4.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$0.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	1,500,000.00	\$0.11	\$165,000.00	\$0.11	\$165,000.00	\$0.00
692	MOBILIZATION	U	1.00	\$27,000.00	\$27,000.00	\$35,000.00	\$35,000.00	(\$8,000.00)
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
					\$384,700.00		\$447,400.00	(\$62,700.00)

