



Victoria F. Sheehan  
Commissioner

THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.  
Assistant Commissioner

22  
Banks

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 Hi-Way Safety Systems, Inc. (Vendor 162024) of Rockland, MA on the basis of a low bid of \$319,583.88 for placing approximately 2.25 million feet of pavement markings during the spring/summer of 2016. The pavement markings will be placed along Turnpike system roadway segments, excluding areas within construction project limits or those roadways with durable markings previously applied and will include Turnpike's mainline, secondary roads and ramps, as well as park-&-rides and the Seabrook Welcome Center, from the date of Governor and Council approval through October 14, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-961017-7025		
Turnpike Renewal & Replacement		
400-500870 Highway Contract Payments	\$219,583.88	\$100,000.00

**EXPLANATION**

This project is part of the Turnpike Renewal and Replacement Program. Due to resource constraints, the Bureau of Traffic is not able to apply pavement markings on the Turnpike System as has happened historically. This project will allow for continued application of pavement markings providing proper lane delineation for the safety of the traveling public.

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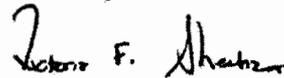
Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved as there were 4 bids submitted for this project. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. 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. 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 is funded with 100% Turnpike Funds out of the Turnpike 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,



Victoria Sheehan  
Commissioner

VFS/md

Department Estimate:	\$298,356.39
Contract Amount:	<u>\$319,583.88</u>
Over Estimate:	\$ 21,227.49

Attachments

**PROJECT: STATEWIDE STRIPING (TURNPIKES)**

**STATE NO: 40773**

**Date: February 2, 2016**

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** This project will place approximately 2.25 million feet of pavement markings during the spring/summer of 2016. The pavement markings will be placed along Turnpike system roadway segments, excluding areas within construction project limits or those roadways with durable markings previously applied and will include Turnpike's mainline, secondary roads and ramps, as well as park-&-rides and the Seabrook Welcome Center.

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

**CONTINGENCY:** No contingency is requested given the nature of the project and minimal risk for cost overruns.

**PROJECT INITIATED:** Bureau of Turnpikes Renewal and Replacement Program

**EXPLANATION:** Due to resource constraints, the Bureau of Traffic is not able to apply pavement markings for Turnpikes as has happened historically. This project will allow for continued application of pavement markings providing proper lane delineation for the safety of the traveling public.

**TRAFFIC IMPLICATIONS:** Minimal traffic impacts are anticipated. Traffic control will be a mobile operation and follow the same procedures that the Traffic Bureau uses for striping operations. Lane closures or travel-in-shoulders will be used when traffic would be present on both sides of the striping operation. Lane and shoulder closure timeframes will be consistent with those developed by the Turnpike Bureau for maintenance operations or will follow more stringent requirements based upon location/lane configuration. Normal traffic patterns will be re-established prior to the beginning of peak hour traffic volumes.

**COMPLETION DATE:** October 14, 2016

# TURNPIKE SYSTEM

New Hampshire  
**DOT**  
Department of Transportation

STATEWIDE STRIPING  
40773

18 Exits



MAINE

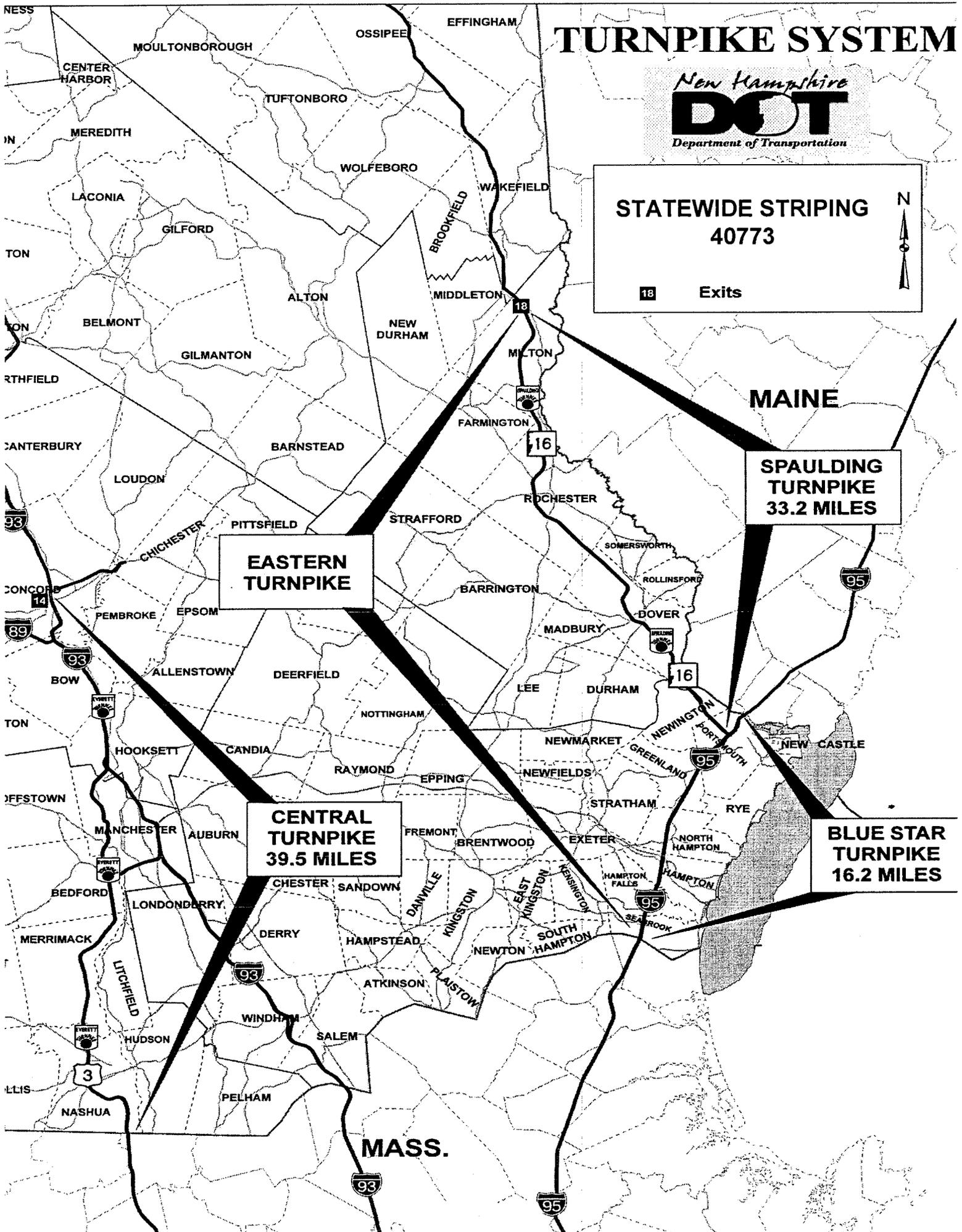
SPAULDING  
TURNPIKE  
33.2 MILES

EASTERN  
TURNPIKE

CENTRAL  
TURNPIKE  
39.5 MILES

BLUE STAR  
TURNPIKE  
16.2 MILES

MASS.



**State of New Hampshire  
Department of Transportation**

40773.01

**Project:** STATEWIDE STRIPING  
(TURNPIKES) NON-FEDERAL  
40773

**County and Code:** SEE THE PROSECUTION OF WORK

**Date Bids Open:** March 3, 2016

**Scope of Work:** PLACING PAVEMENT MARKINGS

**Location:** ALONG THE TURNPIKE SYSTEM

**Completion Date:** October 14, 2016

A HI-WAY SAFETY SYSTEMS INC  
9 ROCKVIEW WAY ROCKLAND MA 02370 \$319,583.88

B MARKINGS INC  
30 RIVERSIDE DRIVE PEMBROKE MA 02359 \$459,026.26

C L & D SAFETY MARKING CORPORATION  
304 EAST MONTPELIER ROAD BARRE VT 05641 \$529,570.84

D ROADS SAFE TRAFFIC SYSTEMS, INC.  
55 BODWELL ST. AVON, MA 02322 \$574,181.75

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$135,000.00	\$135,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00	\$1,500.00	\$3,000.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	79,740.00	\$0.07	\$5,581.80	\$0.10	\$7,974.00	\$0.10	\$7,974.00
632.01047	RETROREFLECTIVE PAINT PARKING LINE, 4"	LF	30,240.00	\$0.18	\$5,443.20	\$0.25	\$7,560.00	\$0.40	\$12,096.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	2,042,157.00	\$0.09	\$183,794.13	\$0.13	\$265,480.41	\$0.12	\$245,058.84
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	133,545.00	\$0.30	\$40,063.50	\$0.68	\$90,810.60	\$0.35	\$46,740.75
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	10,115.00	\$1.75	\$17,701.25	\$1.75	\$17,701.25	\$1.75	\$17,701.25
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	10,000.00	\$0.10	\$1,000.00	\$0.45	\$4,500.00	\$0.50	\$5,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
					\$319,583.88		\$459,026.26		\$529,570.84

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	40,000.00	\$1.00	\$40,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$28,650.00	\$28,650.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$600.00	\$1,200.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$10,000.00	\$20,000.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	79,740.00	\$0.13	\$10,366.20		
632.01047	RETROREFLECTIVE PAINT PARKING LINE, 4"	LF	30,240.00	\$0.60	\$18,144.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	2,042,157.00	\$0.15	\$306,323.55		
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	133,545.00	\$0.75	\$100,158.75		
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	10,115.00	\$2.95	\$29,839.25		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	10,000.00	\$0.45	\$4,500.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	10,000.00	\$1.00	\$10,000.00		
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00		\$574,181.75

# 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	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	(\$20,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$1,000.00	\$2,000.00	\$2,100.00	\$4,200.00	(\$2,200.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$2,000.00	\$4,000.00	\$4,000.00	\$8,000.00	(\$4,000.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	79,740.00	\$0.07	\$5,581.80	\$0.06	\$4,784.40	\$797.40
632.01047	RETROREFLECTIVE PAINT PARKING LINE, 4"	LF	30,240.00	\$0.18	\$5,443.20	\$0.50	\$15,120.00	(\$9,676.80)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	2,042,157.00	\$0.09	\$183,794.13	\$0.07	\$142,950.99	\$40,843.14
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	133,545.00	\$0.30	\$40,063.50	\$0.20	\$26,709.00	\$13,354.50
632.02	RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD	SF	10,115.00	\$1.75	\$17,701.25	\$0.80	\$8,092.00	\$9,609.25
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	10,000.00	\$0.10	\$1,000.00	\$0.85	\$8,500.00	(\$7,500.00)
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
					\$319,583.88		\$298,356.39	\$21,227.49



