



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



26
Bunker

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
November 5, 2015

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

REQUESTED ACTION

1. 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 \$634,947.04 for installation of warning and intersection signs and upgrading existing warning signs located on horizontal curves on two-lane state maintained roadways throughout District II to improve safety, from the date of Governor and Council approval through October 14, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Table with 3 columns: Funding description, FY 2016, FY 2017. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$100,000.00 \$534,947.04

2. Further authorize that a contingency in the amount of \$44,446.29 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 7% of the contract amount.

Table with 3 columns: Funding description, FY 2016, FY 2017. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$7,000.00 \$37,446.29

EXPLANATION

This project is part of the State's 10-Year Transportation Improvement Plan under the annual Highway Safety Improvement Program (HSIP) to address safety issues on state roads. This project involves the installation and renewal of approximately 2,120 sub-standard warning and intersection signs on horizontal curves as a cost effective measure to improve safety on state roads. Warning and intersection signs call attention to unexpected conditions on or adjacent to a highway or street and to situations that might not be readily apparent to road users. Warning signs alert road users to conditions that might call for a reduction speed or an action in the interest of safety and efficient traffic operations.

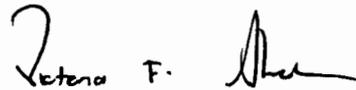
The contingency amount is proposed to be 7% of the contract amount. Differing site conditions and the potential for underground obstacles during sign post installation procedures are higher risk activities that can increase costs.

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

VJS/md

Department Estimate: \$680,826.55
Contract Amount: \$634,947.04
Under Estimate: \$ 45,879.51

Attachments

(Various; Horizontal Curve Signing Project
Urban Two Lane Roads District 2)

September 2, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves installation of warning and intersection signs and upgrading existing warning signs located on horizontal curves on two-lane state maintained roadways throughout NHDOT District 2 to improve safety.

The proposed improvements will consist of the removal of deficient and/or non-standard warning signs and the installation of new warning signs meeting current MUTCD and NHDOT standards.

FEDERAL FUNDING: 90% (HRRR) with the anticipated use of Turnpike Toll Credits as the State's 10% match.

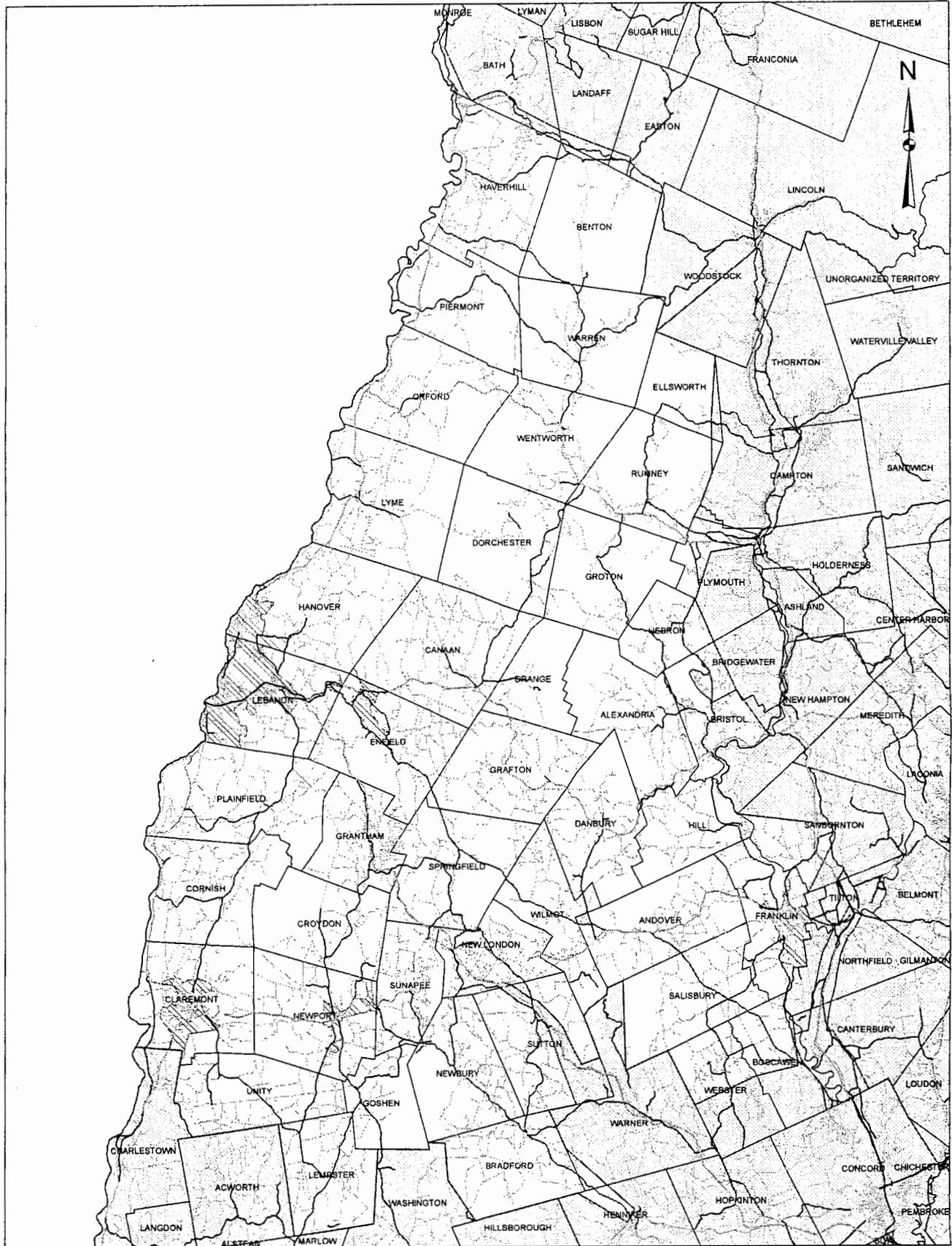
CONTINGENCY: A contingency amount of 7% of the contract amount is proposed. Differing site conditions and the potential for underground obstacles during sign post installation procedures are higher risk activities that can reduce productivity and thus increase costs.

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

PROJECT EXPLANATION: This project involves the installation and renewal of sub-standard warning and intersection signs on horizontal curves as a cost effective measure to improve safety on State roads. Warning and intersection signs call attention to unexpected conditions on or adjacent to a highway or street and to situations that might not be readily apparent to road users. Warning signs alert road users to conditions that might call for a reduction of speed or an action in the interest of safety and efficient traffic operations.

TRAFFIC IMPLICATIONS: In general, this work will be performed as short duration or mobile operation on the shoulder or with minor encroachment.

COMPLETION DATE: October 14, 2016



Legend

-  Urban Compacts **2 Lane State-Maintained Roads**
-  Other Roads
-  Urban 2 Lane
-  Rural 2 Lane (FC 7,8,9)
-  Rural 2 Lane (FC 1-6)

**STATEWIDE
HSIP CURVE SIGNING
DISTRICT 2**



**State of New Hampshire
Department of Transportation**

28135.01

Project: STATEWIDE X-A003(696) 28135

County and Code: VARIES

Date Bids Open: October 22, 2015

Scope of Work: SIGN INSTALLATION

Location: THROUGHOUT DISTRICT II

Completion Date: October 14, 2016

A HI-WAY SAFETY SYSTEMS INC
9 ROCKVIEW WAY ROCKLAND MA 02370

\$634,947.04

B CPM CONSTRUCTORS (B001)
PO BOX B FREEPORT, ME 04032

\$692,858.23

C LIDDELL BROTHERS, INC.
600 INDUSTRIAL DRIVE HALIFAX, MA 02338

\$714,724.20

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.52	TRIMMING OF TREES	HR	300.00	\$25.00	\$7,500.00	\$55.00	\$16,500.00	\$35.00	\$10,500.00
202.851	REMOVING FLASHING BEACON	U	2.00	\$1,500.00	\$3,000.00	\$750.00	\$1,500.00	\$1,500.00	\$3,000.00
615.0301	TRAFFIC SIGN TYPE C	SF	10,172.50	\$50.00	\$508,625.00	\$37.00	\$376,382.50	\$55.00	\$559,487.50
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	2,373.00	\$1.00	\$2,373.00	\$21.00	\$49,833.00	\$10.00	\$23,730.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	99.00	\$95.00	\$9,405.00	\$120.00	\$11,880.00	\$100.00	\$9,900.00
615.0601	TRAFFIC SIGN TYPE CC	SF	2,250.67	\$12.00	\$27,008.04	\$19.00	\$42,762.73	\$10.00	\$22,506.70
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	52,000.00	\$1.00	\$52,000.00	\$1.00	\$52,000.00	\$1.00	\$52,000.00
618.7	FLAGGERS	HR	3,600.00	\$0.01	\$36.00	\$20.00	\$72,000.00	\$1.00	\$3,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
692	MOBILIZATION	U	1.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
					\$634,947.04		\$692,858.23		\$714,724.20

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	
201.52	TRIMMING OF TREES	HR	300.00	\$25.00	\$7,500.00	\$50.00	\$15,000.00	(\$7,500.00)
202.851	REMOVING FLASHING BEACON	U	2.00	\$1,500.00	\$3,000.00	\$500.00	\$1,000.00	\$2,000.00
615.0301	TRAFFIC SIGN TYPE C	SF	10,172.50	\$50.00	\$508,625.00	\$40.00	\$406,900.00	\$101,725.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	2,373.00	\$1.00	\$2,373.00	\$10.00	\$23,730.00	(\$21,357.00)
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	99.00	\$95.00	\$9,405.00	\$113.50	\$11,236.50	(\$1,831.50)
615.0601	TRAFFIC SIGN TYPE CC	SF	2,250.67	\$12.00	\$27,008.04	\$15.00	\$33,760.05	(\$6,752.01)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	52,000.00	\$1.00	\$52,000.00	\$1.00	\$52,000.00	\$0.00
618.7	FLAGGERS	HR	3,600.00	\$0.01	\$36.00	\$25.00	\$90,000.00	(\$89,964.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00	(\$13,000.00)
692	MOBILIZATION	U	1.00	\$10,000.00	\$10,000.00	\$19,200.00	\$19,200.00	(\$9,200.00)
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$634,947.04		\$680,826.55	(\$45,879.51)



CERTIFICATE OF LIABILITY INSURANCE

HIWAY-2 OP ID: SW

DATE (MM/DD/YYYY)
01/04/2016

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 WM. F. Borhek Insurance Agency 311 Plymouth Street Halifax, MA 02338 Scott C Casagrande	CONTACT NAME: Scott C Casagrande	
	PHONE (A/C, No, Ext): 781-293-6331	FAX (A/C, No): 781-293-2171
E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Travelers Insurance		524126
INSURER B :		
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

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"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		X	CO-5G489458	12/31/2015	12/31/2016	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"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			810-5G203934	12/31/2015	12/31/2016	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 <input checked="" type="checkbox"/> RETENTION \$ 10000			CUP-6G686759	12/31/2015	12/31/2016	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / <input type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	UB-5G194460 MA,RI,CT,NH,ME,VT,NJ,NY	12/31/2015	12/31/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Contract#X-A003(696),28135: Concord NH-DOT Sign Replacement & Installation
 Concord NH and New Hampshire Department of Transportation are Additional Insured as respects General Liability if required by written contract.

CERTIFICATE HOLDER State of NH NH DOT 7 Hazen Drive Concord, NH 03301	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 Scott C Casagrande

