



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Pembroke 9/1

CHRISTOPHER D. CLEMENT, SR.
COMMISSIONER

JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
March 21, 2013

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 F.L. Merrill Construction, Inc. (Vendor 156850) of Pembroke, NH on the basis of a low bid of \$924,897.50 for replacement of median box beam guardrail located along the F.E. Everett Turnpike in Bedford, from the date of Governor and Council approval through August 9, 2013 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available as follows for FY 2013 and is contingent upon the availability and continued appropriation of funds for FY 2014.

Table with 3 columns: Funding description, FY 2013, FY 2014. Includes rows for Turnpike Renewal & Replacement and Highway Contract Payments.

2. Further authorize that a contingency in the amount of \$27,746.93 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 3% of the contract amount and is reasonable for projects of this type.

Table with 2 columns: Contingency Funding description, FY 2013. Includes rows for Turnpike Renewal & Replacement and Highway Contract Payments.

EXPLANATION

This project is part of the Turnpike Renewal and Replacement Program. This project involves replacing older, outdated median box beam guardrail with concrete median barrier. The existing box beam barrier was constructed in 1972 and has met its constructive lifespan. In its current state, it requires continual maintenance. Given the reduced lengths of this type of rail within the State, the Bureau of Turnpikes has been systematically reducing median box beam inventory to support the required maintenance needs. Replacement of the existing guardrail will eliminate the need for employees to work within lane closures

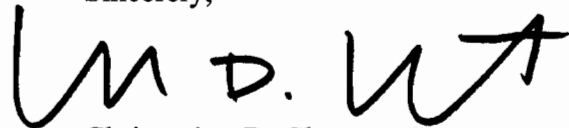
along a high-speed, high volume roadway. The project will also involve paving the narrow, grass median up to the face of the concrete barrier and drainage structure rehabilitation. The concrete barrier will enhance motorist safety, as it will increase the crash rating from TL-2 to TL-4 or higher.

The contingency amount is proposed to be 3% of the contract amount. This segment of the F.E. Everett Turnpike has drainage infrastructure with unknown conditions and layouts. The barrel block structures and concrete pipe are from the original construction and may require more than the typical rehabilitation work identified in the contract documents.

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.

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,



Christopher D. Clement, Sr.
Commissioner

CDC/md

Department Estimate: \$1,021,530.00

Contract Amount: \$ 924,897.50

Under Estimate: \$ 96,632.50

Attachments

PROJECT: BEDFORD

STATE NO: 16447

Date: January 17, 2013

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This median box beam guardrail replacement project is located along the F.E. Everett Turnpike in Bedford. The existing box beam guardrail begins at approximately mile marker 18.95, where it ties into the northerly limits of the prior Manchester Airport Access Road construction limits and proceeds 0.65 miles to the north. Concrete barrier, in conjunction with porous pavement median shoulders, will be utilized to replace the existing guardrail and grass panel. An existing closed drainage system runs within the median and outlets at various points along the project to which minimal improvements are proposed. The catch basins within the limits are barrel block and all are to receive some level of rehabilitation work or modification to accommodate the placement of the barrier and improve their deteriorated condition.

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

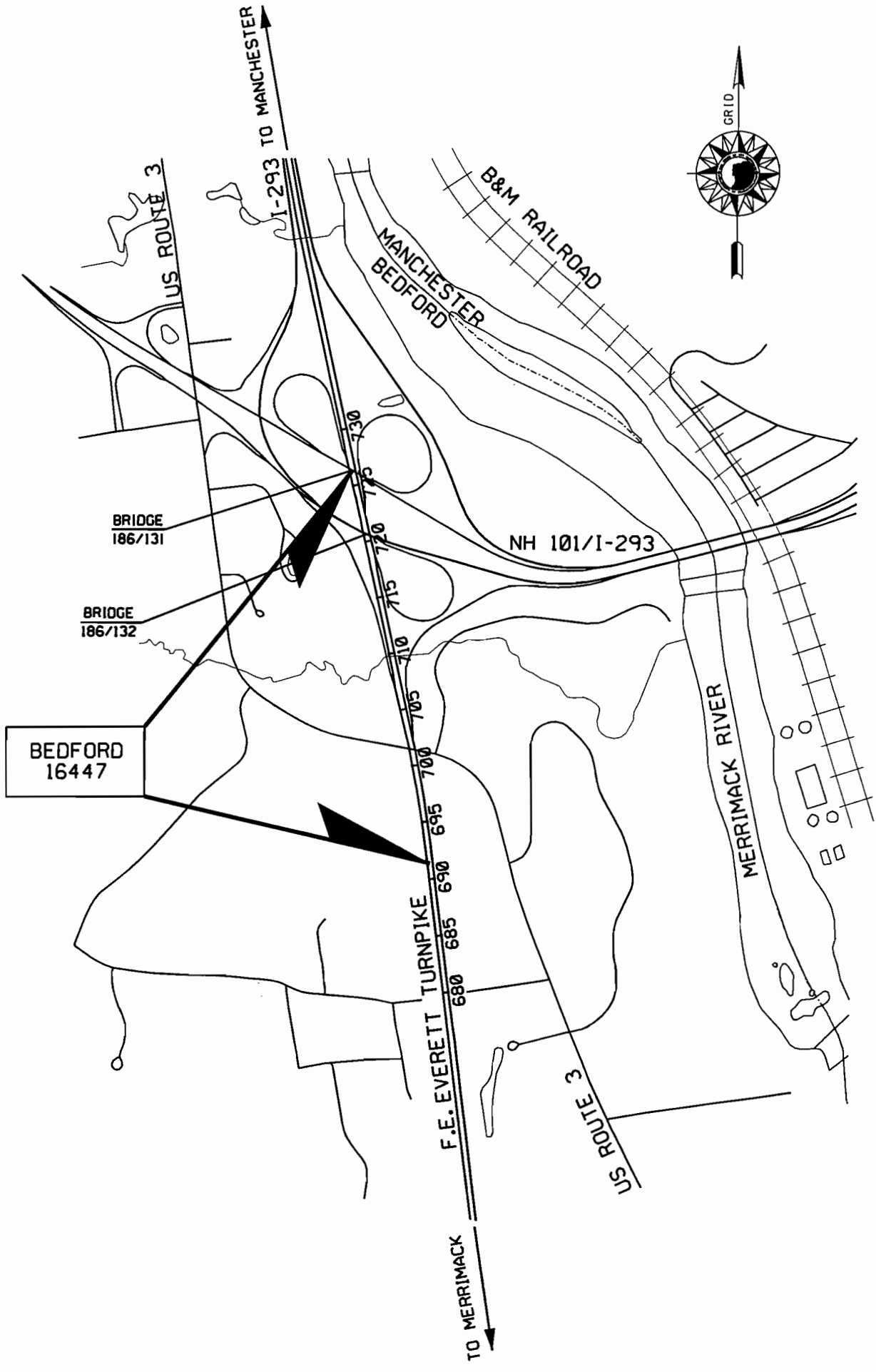
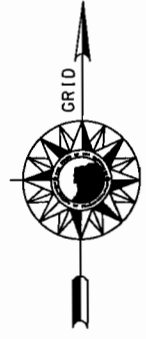
CONTINGENCY: A contingency amount of 3% of the contract amount is proposed and is in accordance with Department Guidelines. This segment of the FEET has drainage infrastructure with unknown conditions and layouts. The barrel block structures and concrete pipe are from the original construction and may require more than the typical rehab work identified in the contract documents.

PROJECT INITIATED: Bureau of Turnpikes Renewal and Replacement Program

EXPLANATION: The existing box beam barrier was constructed in 1972 and has met its constructive lifespan. In its current state, it requires continual maintenance. Given the reduced lengths of this type of rail within the State, the Bureau of Turnpikes has reduced inventory to support the required maintenance needs. Replacement of the existing guardrail will eliminate the need for employees to work within lane closures along a high-speed, high volume roadway. The concrete barrier will enhance motorist safety, as it will increase the crash rating from TL-2 to TL-4 or higher.

TRAFFIC IMPLICATIONS: Construction operations will be completed both during day and night timeframes within the constraints of the contract. The FEET NB and SB median shoulders will be closed using temporary portable concrete barrier. The length of the work area is anticipated to be 3,500 linear feet. Lane closures will only be permitted Monday through Thursday from 9 am to 3 pm and Friday 9:00 am till noon. Work impeding with traffic will be suspended during holidays consistent with Department practices and special events such as NASCAR races as necessary.

COMPLETION DATE: August 9, 2013



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

PROJECT: BEDFORD
16447

COUNTIES AND CODES: HILLSBOROUGH 011

DATE BIDS OPEN: FEBRUARY 14, 2013

SCOPE OF WORK: MEDIAN BOX GUARDRAIL REPLACEMENT

LOCATION: F.E. EVERETT TURNPIKE IN BEDFORD

COMPLETION DATE: AUGUST 9, 2013

A F.L. MERRILL CONSTRUCTION, INC.

619 SAND ROAD, PEMBROKE, NH 03275

B R.S. AUDLEY, INC.

609 ROUTE 3A, BOW, NH 03304

C NORTHEAST EARTH MECHANICS, INC.

159 BARNSTEAD ROAD, PITTSFIELD, NH 03263

D WEAVER BROS. CONST. CO., INC.

741 ROUTE 3A, BOW, NH 03304

E CPM CONSTRUCTORS

PO BOX B, FREEPORT, ME 04032

F R.M. PIPER, INC.

PO BOX 490, PLYMOUTH, NH 03264

G NEW ENGLAND INFRASTRUCTURE, INC

13 BRENT DRIVE, HUDSON, MA 01749

\$ 924,897.50

\$ 924,900.00

\$ 1,047,851.25

\$ 1,053,867.00

\$ 1,099,972.50

\$ 1,169,227.50

\$ 1,179,252.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	A	UNIT PRICE	TOTAL	B	UNIT PRICE	TOTAL	C
202.7	REMOVAL OF GUARDRAIL	LF	2,150.	2.20	4,730.00		1.50	3,225.00		4.00	8,600.00	
203.1	COMMON EXCAVATION	CY	2,330.	10.00	23,300.00		15.00	34,950.00		21.00	48,930.00	
206.19	COMMON STRUCTURE											
214.	EXCAVATION EXPLORATORY	CY	50.	25.00	1,250.00		20.00	1,000.00		10.00	500.00	
304.81	FINE GRADING	U	1.	10,000.00	10,000.00		6,100.00	6,100.00		7,500.00	7,500.00	
	POROUS MEDIA CHOKER											
	COURSE	CY	1,155.	26.00	30,030.00		35.00	40,425.00		33.75	38,981.25	
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	1,920.	2.00	3,840.00		1.00	1,920.00		2.25	4,320.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	14,100.	.25	3,525.00		.25	3,525.00		.60	8,460.00	
403.71	POROUS PAVEMENT MIX	TON	1,920.	90.00	172,800.00		85.00	163,200.00		102.00	195,840.00	
603.00212	12" R.C. PIPE, 2000D	LF	30.	60.00	1,800.00		38.00	1,140.00		50.00	1,500.00	
603.00215	15" R.C. PIPE, 2000D	LF	30.	63.00	1,890.00		40.00	1,200.00		50.00	1,500.00	
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	30.	57.00	1,710.00		38.00	1,140.00		50.00	1,500.00	

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	A		B		C	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED -								
	UNANTICIPATED WORK	\$	1.	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
1010.15	FUEL ADJUSTMENT	\$	1.	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	1.	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
				\$924,897.50	\$924,900.00		\$1,047,851.25		

Client#: 57353

FLMER

ACORDTM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/18/2013

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 Davis Towle Morrill & Everett 115 Airport Road P O Box 1260 Concord, NH 03302-1260	CONTACT NAME: PHONE (A/C, No, Ext): 603 225-6611		FAX (A/C, No): 603-225-7935
	E-MAIL ADDRESS:		
INSURED State of NH Dept of Transportation C/O F.L. Merrill Construction Inc. 619 Sand Road Pembroke, NH 03275	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Travelers Insurance		
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		

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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						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 ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y / <input type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	OCP			PRS3C484682IND	02/20/2013	02/20/2014	\$3,000,000 Agg \$2,000,000 Occ

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
OCP for NH DOT Job #16447 - Bedford NH

CERTIFICATE HOLDER NH DOT 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 
--	--