



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

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**CHRISTOPHER D. CLEMENT, SR.
COMMISSIONER**

**JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER**

Bureau of Construction
May 8, 2013

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 S.U.R. Construction, Inc. (Vendor 156303) of Rochester, NH on the basis of a low bid of \$454,762.00 for drainage system improvements along the Spaulding Turnpike, (NH 16), in Dover, Milton and Rochester, from the date of Governor and Council approval through November 8, 2013 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available as follows and is contingent upon the availability and continued appropriation of funds in FY 2014:

Funding is available as follows:	<u>FY 2014</u>
04-96-96-961017-7025	
Turnpike Renewal & Replacement	
400-500870 Highway Contract Payments	\$454,762.00

EXPLANATION

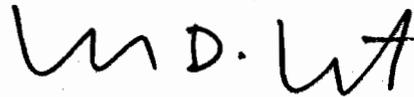
This project is part of the Turnpike Renewal and Replacement Program. The project involves repairs or replacement of drainage outlets, head walls, catch basins and culverts at a number of locations on the Spaulding Turnpike between Dover and Milton. The existing drainage infrastructure was built in the 1950's and has experienced deterioration over its lifetime. These drainage systems are in need of maintenance and repairs to ensure that they remain functional and prevent erosion of the roadway embankments. Stone lining at the drainage outlets and along waterways will stabilize the channels and prevent transport of sediments downstream. The two culverts that are being rehabilitated have experienced corrosion along the flowline. The improvements to the culverts will remove the deteriorated sections, line the entire culvert with concrete and will extend the life of the existing infrastructure and avoid more costly repairs in the future.

Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved. In particular, higher than anticipated mobilization costs are attributed to the distributed nature of the multiple work sites along the corridor. 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 funding is available contingent upon the availability and continued appropriation of funds in FY 2014. 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: \$434,000.00

Contract Amount: \$454,762.00

Over Estimate: \$ 20,762.00

Attachments

PROJECT: DOVER-MILTON-ROCHESTER

STATE NO: 16294

Date: March 28, 2013

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves improvements to drainage systems along the Spaulding Turnpike (NH 16), specifically repairs or replacement of drainage outlets, headwalls, catch basins and culverts. Additionally, roadway slopes will be reconstructed and stabilized, and stone fill placed at the drainage outlets and along downstream watercourses.

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

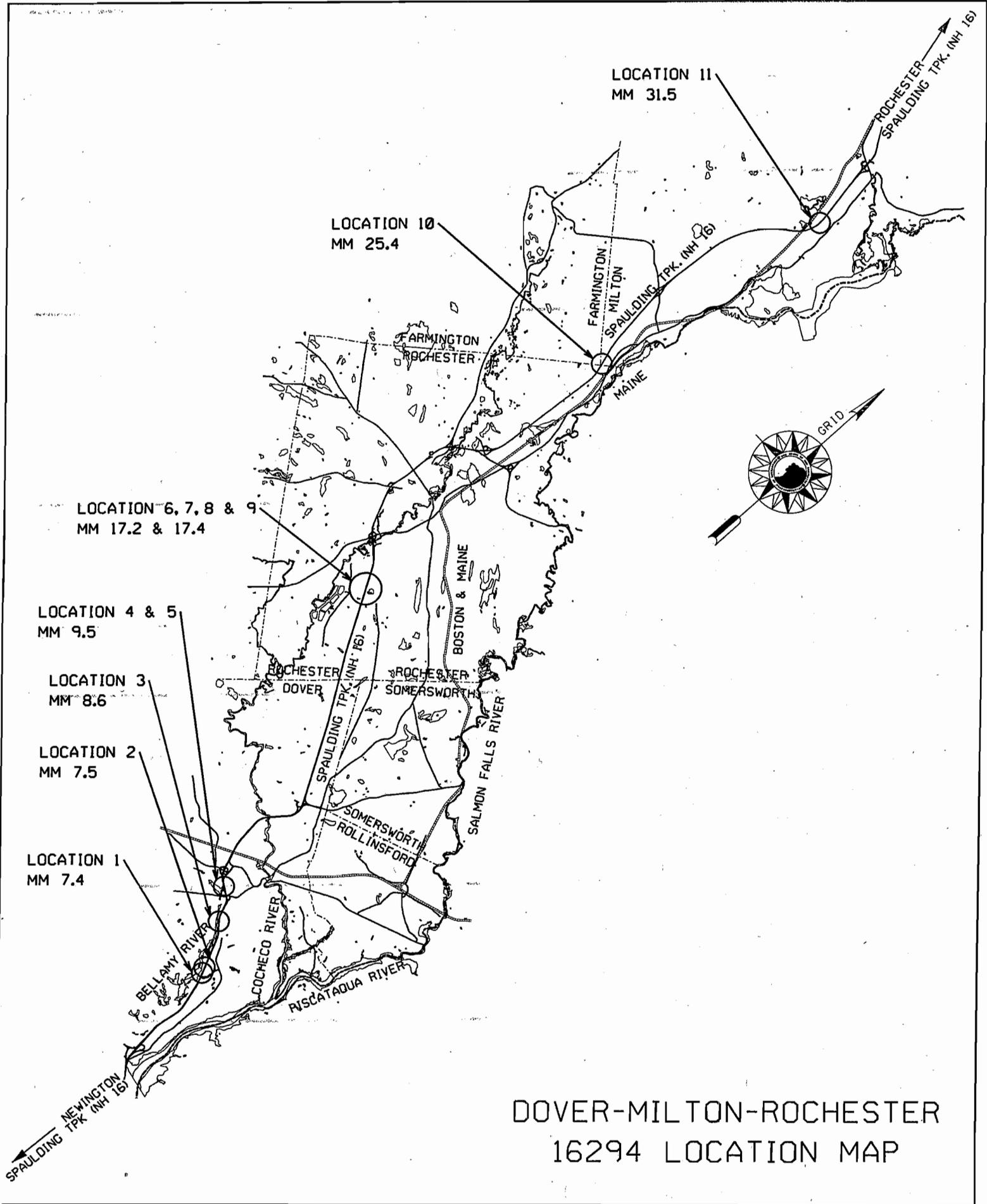
CONTINGENCY: No contingency is required for this contract.

PROJECT INITIATED: Bureau of Turnpikes Renewal and Replacement Program

EXPLANATION: The existing drainage infrastructure was built in the 1950's and has experienced deterioration over its lifetime. These systems are in need of maintenance and repairs to ensure that they remain functional and prevent erosion of the roadway embankments. Stone lining at the drainage outlets and along waterways will stabilize the channels and prevent transport of sediments downstream. The two culverts that are being rehabilitated have experienced corrosion along the flowline. The improvements to the culverts will remove the deteriorated sections, line with entire culvert with concrete and prevent further deterioration of the culverts. All the maintenance repairs within this contract will extend the life the existing infrastructure and avoid more costly repairs in the future.

TRAFFIC IMPLICATIONS: Construction operations will be completed during daytime operations within the constraints of the contract. Temporary short-term lane or shoulder closures are permitted to allow access to the construction sites. Lane closures will not be permitted Monday through Friday from 7 am to 9 am southbound; or Monday through Thursday 3 pm to 7 pm or Fridays after 12:00 in the northbound direction. Work impeding with traffic will be suspended during holidays consistent with Department practices and special events as necessary.

COMPLETION DATE: November 8, 2013



PROJECT: DOVER-MILTON-ROCHESTER
16294

COUNTIES AND CODES: STRAFFORD 017

DATE BIDS OPEN: APRIL 25, 2013

SCOPE OF WORK: DRAINAGE SYSTEM IMPROVEMENTS

LOCATION: SPAULDING TURNPIKE (NH 16)

COMPLETION DATE: NOVEMBER 8, 2013

A SUR CONSTRUCTION, INC.
233 CHESTNUT HILL ROAD, ROCHESTER, NH 03867 \$ 454,762.00
B BUSBY CONSTRUCTION CO., INC.
71 NH ROUTE 111, ATKINSON, NH 03811 \$ 477,377.50
C NORTHEAST EARTH MECHANICS, INC.
159 BARNSTEAD ROAD, PITTSFIELD, NH 03263 \$ 486,665.00
D J. PARKER & DAUGHTERS CONST. INC.
70 DAROSKA RD., PITTSFIELD, NH 03263 \$ 504,994.50
E H.L. PATTEN CONSTRUCTION CO., INC.
PO BOX 450, KITTERY, ME 03904 \$ 541,853.50

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	A			B			C		
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
201.881	INVASIVE SPECIES CONTROL	SY	10.	25.00	250.00	10.00	100.00	72.00	720.00			
201.882	INVASIVE SPECIES CONTROL	SY	25.	25.00	625.00	12.00	300.00	60.00	1,500.00			
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	104.	65.00	6,760.00	8.00	832.00	14.00	1,456.00			
202.42	REMOVAL OF EXISTING PIPE OVER 24" DIAMETER	LF	40.	65.00	2,600.00	10.00	400.00	43.00	1,720.00			
203.601	EMBANKMENT-IN-PLACE	CY	67.	50.00	3,350.00	12.00	804.00	24.00	1,608.00			
206.1	COMMON STRUCTURE	CY	184.5	45.00	8,302.50	20.00	3,690.00	33.00	6,088.50			
206.19	COMMON STRUCTURE	CY	10.	45.00	450.00	30.00	300.00	43.00	430.00			
206.2	EXCAVATION EXPLORATORY	CY	7.	100.00	700.00	30.00	210.00	600.00	4,200.00			
209.1	GRANULAR BACKFILL	CY	35.5	50.00	1,775.00	20.00	710.00	33.00	1,171.50			
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	5.	300.00	1,500.00	250.00	1,250.00	300.00	1,500.00			
503.101	WATER DIVERSION STRUCTURE U	U	1.	250.00	250.00	100.00	100.00	2,000.00	2,000.00			
503.102	WATER DIVERSION STRUCTURE U	U	1.	500.00	500.00	100.00	100.00	2,000.00	2,000.00			
503.103	WATER DIVERSION STRUCTURE U	U	1.	1,500.00	1,500.00	100.00	100.00	2,000.00	2,000.00			
503.104	WATER DIVERSION STRUCTURE U	U	1.	2,000.00	2,000.00	100.00	100.00	2,000.00	2,000.00			
508	STRUCTURAL FILL	CY	38.	55.00	2,090.00	28.00	1,064.00	60.00	2,280.00			
520.1	CONCRETE CLASS A	CY	31.5	675.00	21,262.50	1,000.00	31,500.00	400.00	12,600.00			
544.01	REINFORCING STEEL	LB	878.	2.00	1,756.00	5.00	4,390.00	2.00	1,756.00			
571.1	REPAIRING AND POINTING STONE MASONRY	SY	10.	175.00	1,750.00	200.00	2,000.00	120.00	1,200.00			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	A		B		C	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
585.2	STONE FILL, CLASS B	CY	22.	100.00	2,200.00	75.00	1,650.00	50.00	1,100.00
585.3	STONE FILL, CLASS C	CY	126.	70.00	8,820.00	75.00	9,450.00	50.00	6,300.00
593.411	GEOTEXTILE; PERM. CONTROL CL. 1, NON-WOVEN	SY	413.	2.00	826.00	2.00	826.00	2.00	826.00
602.001	CONTROLLED DENSITY FILL CONCRETE	CY	31.	300.00	9,300.00	350.00	10,850.00	340.00	10,540.00
602.20302	POLYETHYLENE PIPE LINER FOR 30" RCP	LF	69.	200.00	13,800.00	250.00	17,250.00	275.00	18,975.00
602.44813	CENTRIFUGALLY CAST CONCRETE CATCH BASIN (CCCB)	U	2.	1,350.00	2,700.00	2,200.00	4,400.00	1,600.00	3,200.00
602.47411	CENTRIFUGALLY CAST CONCRETE PIPE (CCCP)	LF	100.	720.00	72,000.00	800.00	80,000.00	900.00	90,000.00
602.47811	CENTRIFUGALLY CAST CONCRETE PIPE (CCCP)	LF	100.	750.00	75,000.00	770.00	77,000.00	870.00	87,000.00
603.00212	12" R.C. PIPE, 2000D	LF	16.	75.00	1,200.00	160.00	2,560.00	60.00	960.00
603.00215	15" R.C. PIPE, 2000D	LF	16.	85.00	1,360.00	40.00	640.00	60.00	960.00
603.00218	18" R.C. PIPE, 2000D	LF	40.	87.00	3,480.00	45.00	1,800.00	65.00	2,600.00
603.00230	30" R.C. PIPE, 2000D	LF	32.	125.00	4,000.00	60.00	1,920.00	86.00	2,752.00
603.00318	18" R.C. PIPE, 3000D	LF	32.	65.00	2,080.00	35.00	1,120.00	66.00	2,112.00
603.30112	12" R.C. END SECTIONS	EA	1.	635.00	635.00	330.00	330.00	900.00	900.00
603.30115	15" R.C. END SECTIONS	EA	1.	920.00	920.00	500.00	500.00	950.00	950.00
603.33118	18" CORR. POLYETHYLENE END SECTION	EA	1.	630.00	630.00	350.00	350.00	160.00	160.00
603.44018	18" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	30.	65.00	1,950.00	35.00	1,050.00	77.00	2,310.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	5.	350.00	1,750.00	200.00	1,000.00	600.00	3,000.00
604.72	GRATES & FRAMES, TYPE B	EA	2.	210.00	420.00	350.00	700.00	660.00	1,320.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	15.	55.00	825.00	40.00	600.00	72.00	1,080.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	125.	25.00	3,125.00	50.00	6,250.00	19.00	2,375.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	150.	20.00	3,000.00	12.00	1,800.00	12.00	1,800.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	1.	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
619.1	MAINTENANCE OF TRAFFIC TRUCK-MOUNTED IMPACT ATTENUATOR, TEST	U	1.	17,000.00	17,000.00	21,000.00	21,000.00	24,000.00	24,000.00
628.2	LEVEL 3 SAWED BITUMINOUS PAVEMENT	U	2.	3,000.00	6,000.00	8,000.00	16,000.00	4,000.00	8,000.00
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	LF	5.	8.00	40.00	1.00	5.00	24.00	120.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	100.	1.50	150.00	5.00	500.00	2.50	250.00
645.531	SILT FENCE	SY	50.	2.00	100.00	5.50	275.00	2.50	125.00
		LF	845.	4.00	3,380.00	3.50	2,957.50	4.00	3,380.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	A		B		C	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.	5,000.00	5,000.00	4,000.00	4,000.00	2,200.00	2,200.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.	55.00	5,500.00	25.00	2,500.00	55.00	5,500.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS	SY	190.	5.00	950.00	10.00	1,900.00	6.00	1,140.00
670.0491	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.	2,500.00	2,500.00	3,000.00	3,000.00	3,500.00	3,500.00
670.0492	CONSTRUCT AND REMOVE TEMPORARY ACCESS ROAD	U	1.	10,000.00	10,000.00	25,000.00	25,000.00	13,500.00	13,500.00
692.	MOBILIZATION	U	1.	53,900.00	53,900.00	47,244.00	47,244.00	54,000.00	54,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.	300.00	300.00	500.00	500.00	1,000.00	1,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	1.	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED -	\$	1.	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
1010.15	UNANTICIPATED WORK FUEL ADJUSTMENT	\$	1.	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00

\$454,762.00

\$477,377.50

\$486,665.00

