



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



24 Beaulieu

CHRISTOPHER D. CLEMENT, SR.
COMMISSIONER

JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
November 21, 2014

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 R.S. Audley, Inc. (Vendor 154222) of Bow, NH on the basis of a low bid of \$20,444,479.01 for rehabilitation and widening of the existing bridge carrying the Spaulding Turnpike over Little Bay in Newington and Dover, from the date of Governor and Council approval through September 15, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Table with 5 columns: Funding description, FY 2015, FY 2016, FY 2017, FY 2018. Row 1: 04-96-96-961017-7514 Spaulding Turnpike/US 4/NH 16 400-500870 Highway Contract Payments \$3,700,000.00 \$7,400,000.00 \$7,400,000.00 \$1,944,479.01

2. Further authorize that a contingency in the amount of \$613,334.37 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 5 columns: Funding description, FY 2015, FY 2016, FY 2017, FY 2018. Row 1: 04-96-96-961017-7514 Spaulding Turnpike/US 4/NH 16 400-500870 Highway Contract Payments \$111,500.00 \$223,030.00 \$223,030.00 \$55,774.37

EXPLANATION

This project is part of the overall Newington-Dover Spaulding Turnpike expansion and widening improvements that are designed to improve safety and transportation efficiency for a 3.5 miles section beginning just north of Exit 1 in Newington and continuing north to Exit 6 in Dover. This project primarily involves rehabilitation of the existing bridge that carries the Spaulding Turnpike northbound barrel over Little Bay in Newington and Dover. The work involves replacement of the steel girders on the older, original half of the bridge (1966), rehabilitation of the girders on the newer, northbound half of the bridge (1984), and a new, wider concrete bridge deck. When complete, the bridge will carry 4 lanes northbound traffic and the new adjacent bridge 4 lanes southbound. Further contracts will complete the ultimate 8 lane improvements from Exit 3 (Newington) through Exit 6 (Dover).

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The contingency amount is proposed to be 3% of the contract amount. Difficult site access, complex bridge work, and coordination with adjacent construction contracts will increase the risk of overruns.

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: \$28,185,804.30

Contract Amount: \$20,444,479.01

Under Estimate: \$ 7,741,325.29

Attachments

September 8, 2014

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the rehabilitation and widening of the bridges that carry Spaulding Turnpike northbound and southbound over Little Bay and Wentworth Terrace in Dover. The existing southbound bridge was constructed in 1966 and the northbound bridge in 1984. The bridges have independent superstructures and share a common substructure. The steel girders are painted with lead-bearing paint and have many older, obsolete details that have been identified as potential sources of fatigue cracking as well as pin-and-hanger girder splice details that are a concern due to lack of redundancy. The older (1966) steel girders will be replaced and the newer (1984) steel girders will be rehabilitated. A new, wider bridge deck will be constructed that will ultimately carry four lanes of northbound traffic. Future contracts will complete the ultimate (8-lane) improvements from Exit 3 to Exit 6.

FEDERAL FUNDING: 0% Federal Funds

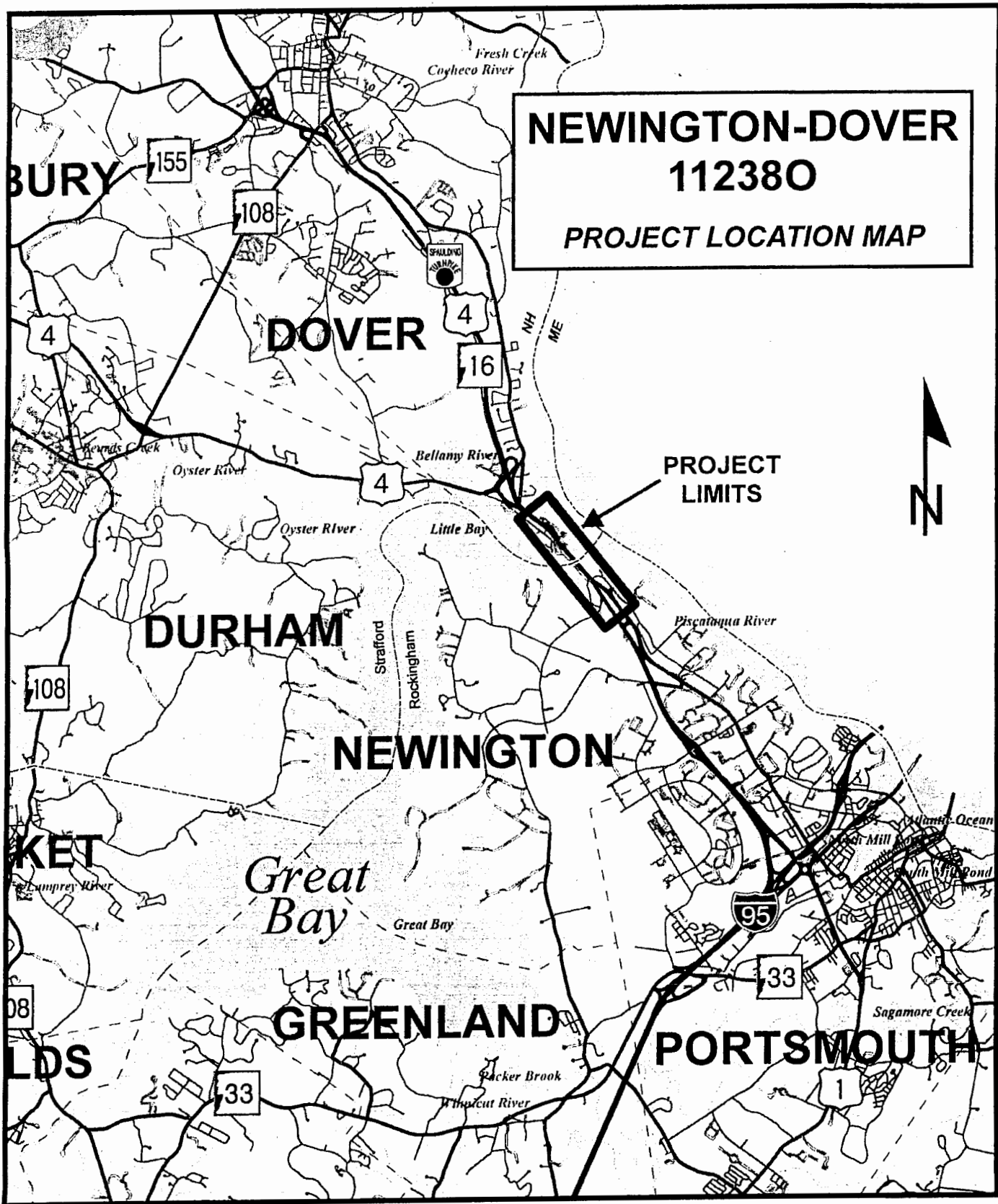
CONTINGENCY: The contingency amount is proposed to be 3%. Difficult site access, complex bridge work, and coordination with adjacent construction contracts will increase the risk of overruns.

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

PROJECT EXPLANATION: This project is part of the overall Newington-Dover Spaulding Turnpike expansion and widening improvements that are designed to improve safety and transportation efficiency for a 3.5-mile section beginning just north of Exit 1 in Newington and continuing north to Exit 6 in Dover. This project primarily involves rehabilitation of the bridges that carry Spaulding Turnpike northbound and southbound over Little Bay and Wentworth Terrace in Dover.

TRAFFIC IMPLICATION: It is anticipated that all Turnpike traffic will be shifted off the existing northbound and southbound bridges and onto the adjacent bridge (constructed under the 11238L contract) no later than July of 2015. This traffic shift will occur as part of the concurrent 11238M contract. The bridges will be closed to traffic upon completion of the traffic shift and the majority of work will be located outside of the travelled way and will not impact the flow of traffic along the Turnpike. Temporary, nighttime single lane and/or shoulder closures of the Turnpike will be permitted with the approval of the Contract Administrator and will be discontinued whenever it is determined that backups may contribute to unsafe conditions or result in excessive delays for the travelling public. Temporary traffic signals with one lane of alternating two-way traffic will be installed on Wentworth Terrace in Dover to permit construction of the new bridge abutment and retaining wall adjacent to the roadway.

COMPLETION DATE: September 15, 2017



NEWINGTON-DOVER
112380
PROJECT LOCATION MAP

PROJECT LIMITS



STRAFFORD COUNTY
ROCKINGHAM COUNTY

NTS

**State of New Hampshire
Department of Transportation**

Project:	NEWINGTON - DOVER NON-FEDERAL 112380	
County and Code:	ROCKINGHAM COUNTY 015	
Date Bids Open:	October 23, 2014	
Scope of Work:	BRIDGE REHABILITATION AND WIDENING	
Location:	SPAULDING TURNPIKE	
Completion Date:	September 15, 2017	
A R. S. AUDLEY, INC. 609 ROUTE 3A, BOW, NH 03304		\$20,444,479.01
B CIANBRO CORPORATION CIANBRO SQUARE, PITTSFIELD, ME 04967		\$21,046,831.00
C C. P. M. CONSTRUCTORS PO BOX B, FREEPORT, ME 04032		\$21,623,849.58
D REED & REED, INC. PO BOX 370 WOOLWICH, ME 04579		\$24,181,701.36
E E. D. SWETT, INC. 8 INDUSTRIAL PARK DR. CONCORD, NH 03301		\$25,923,730.98

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	65.00	\$20.00	\$1,300.00	\$11.50	\$747.50	\$21.00	\$1,365.00
202.201	DEMOLISHING BUILDINGS	U	1.00	\$16,000.00	\$16,000.00	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00
202.301	BUILDING ASBESTOS ABATEMENT	U	1.00	\$8,000.00	\$8,000.00	\$19,000.00	\$19,000.00	\$10,000.00	\$10,000.00
202.419	REMOVAL OF EXISTING PIPE 0-24" DIAMETER (BRIDGE)	LF	1,607.00	\$10.00	\$16,070.00	\$21.00	\$33,747.00	\$10.00	\$16,070.00
202.4629	REMOVAL OF EXISTING 2-DUCT CONDUIT (BRIDGE)	LF	1,596.00	\$6.00	\$9,576.00	\$35.00	\$55,860.00	\$10.00	\$15,960.00
202.7	REMOVAL OF GUARDRAIL	LF	510.00	\$2.00	\$1,020.00	\$8.00	\$4,080.00	\$5.00	\$2,550.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$23.00	\$2,760.00	\$5.50	\$660.00	\$10.00	\$1,200.00
203.1	COMMON EXCAVATION	CY	1,600.00	\$12.00	\$19,200.00	\$8.00	\$12,800.00	\$8.00	\$12,800.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$75.00	\$3,750.00	\$56.50	\$2,825.00	\$50.00	\$2,500.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	576.00	\$50.00	\$28,800.00	\$27.00	\$15,552.00	\$30.00	\$17,280.00
209.4	GRANULAR BACKFILL (GRAV)	CY	140.00	\$50.00	\$7,000.00	\$27.00	\$3,780.00	\$30.00	\$4,200.00
209.5	GRANULAR BACKFILL FOR MSE WALLS	CY	965.00	\$39.00	\$37,635.00	\$29.50	\$28,467.50	\$30.00	\$28,950.00
214	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00	\$25,000.00	\$25,000.00
304.1	SAND (F)	CY	620.00	\$28.50	\$17,670.00	\$24.00	\$14,880.00	\$30.00	\$18,600.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	320.00	\$32.00	\$10,240.00	\$27.50	\$8,800.00	\$30.00	\$9,600.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	280.00	\$32.00	\$8,960.00	\$27.50	\$7,700.00	\$30.00	\$8,400.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	510.00	\$100.00	\$51,000.00	\$105.00	\$53,550.00	\$105.00	\$53,550.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	11.00	\$150.00	\$1,650.00	\$200.00	\$2,200.00	\$200.00	\$2,200.00
403.6	PAVEMENT JOINT ADHESIVE	LF	15,300.00	\$0.25	\$3,825.00	\$0.75	\$11,475.00	\$0.75	\$11,475.00

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	710.00	\$125.00	\$88,750.00	\$105.00	\$74,550.00	\$105.00	\$74,550.00	\$105.00	\$74,550.00
417	COLD PLANING BITUMINOUS SURFACES	SY	2,340.00	\$4.00	\$9,360.00	\$6.00	\$14,040.00	\$10.00	\$23,400.00	\$10.00	\$23,400.00
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1.00	\$275,000.00	\$275,000.00	\$250,000.00	\$250,000.00	\$1,600,000.00	\$1,600,000.00	\$1,600,000.00	\$1,600,000.00
500.042	PREP FOR FATIGUE CRACK INSPECTION - LONG STIFF W/ LEAD PAINT POLL CNTRL	EA	208.00	\$400.00	\$83,200.00	\$300.00	\$62,400.00	\$300.00	\$62,400.00	\$300.00	\$62,400.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$1,900,000.00	\$1,900,000.00	\$1,100,000.00	\$1,100,000.00	\$1,640,000.00	\$1,640,000.00	\$1,640,000.00	\$1,640,000.00
503.201	COFFERDAMS	U	1.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
503.202	COFFERDAMS	U	1.00	\$110,000.00	\$110,000.00	\$60,000.00	\$60,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	2,090.00	\$20.00	\$41,800.00	\$19.50	\$40,755.00	\$20.00	\$41,800.00	\$20.00	\$41,800.00
508	STRUCTURAL FILL	CY	63.00	\$60.00	\$3,780.00	\$39.00	\$2,457.00	\$40.00	\$2,520.00	\$40.00	\$2,520.00
510.1	PILE DRIVING EQUIPMENT	U	1.00	\$58,000.00	\$58,000.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	66,780.00	\$0.60	\$40,068.00	\$1.30	\$86,814.00	\$1.00	\$66,780.00	\$1.00	\$66,780.00
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	32.00	\$100.00	\$3,200.00	\$150.00	\$4,800.00	\$200.00	\$6,400.00	\$200.00	\$6,400.00
510.9	PILE SPLICES	EA	5.00	\$10.00	\$50.00	\$500.00	\$2,500.00	\$350.00	\$1,750.00	\$350.00	\$1,750.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	64.00	\$1,500.00	\$96,000.00	\$650.00	\$41,600.00	\$600.00	\$38,400.00	\$600.00	\$38,400.00
520.01	CONCRETE CLASS AA	CY	69.00	\$1,750.00	\$120,750.00	\$3,200.00	\$220,800.00	\$1,500.00	\$103,500.00	\$1,500.00	\$103,500.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	131.00	\$375.00	\$49,125.00	\$350.00	\$45,850.00	\$350.00	\$45,850.00	\$350.00	\$45,850.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	335.00	\$600.00	\$201,000.00	\$775.00	\$259,625.00	\$900.00	\$301,500.00	\$900.00	\$301,500.00
520.2131	CONCRETE CLASS B, FOOTINGS (ON SOIL)	CY	141.00	\$375.00	\$52,875.00	\$600.00	\$84,600.00	\$450.00	\$63,450.00	\$450.00	\$63,450.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
520.70026	CONCRETE BRIDGE DECK (QC/QA)/PANEL OPTION(F)	CY	4,259.00	\$700.00	\$2,981,300.00	\$890.00	\$3,790,510.00	\$790.00	\$3,364,610.00
526.2	EPOXY FOR NON-MOVING CRACKS	LF	100.00	\$90.00	\$9,000.00	\$69.75	\$6,975.00	\$30.00	\$3,000.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	488.00	\$80.00	\$39,040.00	\$120.00	\$58,560.00	\$120.00	\$58,560.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	55.00	\$50.00	\$2,750.00	\$25.00	\$1,375.00	\$50.00	\$2,750.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	47.00	\$16.00	\$752.00	\$17.00	\$799.00	\$50.00	\$2,350.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	12,610.00	\$16.00	\$201,760.00	\$17.00	\$214,370.00	\$20.00	\$252,200.00
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	141.00	\$6.00	\$846.00	\$7.00	\$987.00	\$10.00	\$1,410.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	1,177,654.00	\$1.15	\$1,354,302.10	\$1.00	\$1,177,654.00	\$0.92	\$1,083,441.68
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	86,670.00	\$4.00	\$346,680.00	\$2.10	\$182,007.00	\$3.05	\$264,343.50
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	915.00	\$8.00	\$7,320.00	\$9.00	\$8,235.00	\$10.00	\$9,150.00
547	SHEAR CONNECTORS (F)	EA	37,719.00	\$6.20	\$233,857.80	\$6.00	\$226,314.00	\$5.00	\$188,595.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$4,000.00	\$72,000.00	\$4,000.00	\$72,000.00	\$3,800.00	\$68,400.00
550.1	STRUCTURAL STEEL (F)	LB	3,354,264.00	\$1.49	\$4,997,853.36	\$1.50	\$5,031,396.00	\$1.60	\$5,366,822.40
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$225,000.00	\$225,000.00	\$100,000.00	\$100,000.00	\$220,000.00	\$220,000.00
550.210	BRIDGE SHOES - HLNR (F)	EA	72.00	\$5,000.00	\$360,000.00	\$4,500.00	\$324,000.00	\$4,200.00	\$302,400.00
550.404	PIN AND LINK HANGER RETROFIT	EA	8.00	\$32,000.00	\$256,000.00	\$25,000.00	\$200,000.00	\$20,000.00	\$160,000.00
550.405	LONGITUDINAL STIFFENER RETROFIT	EA	24.00	\$1,000.00	\$24,000.00	\$2,500.00	\$60,000.00	\$825.00	\$19,800.00
550.53	REMOVE AND RESET STRUCTURAL STEEL	U	1.00	\$100,000.00	\$100,000.00	\$130,000.00	\$130,000.00	\$120,000.00	\$120,000.00

Item No.	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$975,000.00	\$975,000.00	\$1,300,000.00	\$1,300,000.00	\$600,000.00	\$600,000.00
556.201	CONTAINMENT AND ENVIRONMENTAL PROTECTION	U	1.00	\$350,000.00	\$350,000.00	\$410,000.00	\$410,000.00	\$215,000.00	\$215,000.00
556.301	WORKER PROTECTION	U	1.00	\$27,000.00	\$27,000.00	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00
556.401	WASTE MANAGEMENT	U	1.00	\$7,500.00	\$7,500.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
561.2001	PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F)	LF	150.00	\$1,700.00	\$255,000.00	\$1,750.00	\$262,500.00	\$1,850.00	\$277,500.00
562.1	SILICONE JOINT SEALANT (F)	LF	15.00	\$18.75	\$281.25	\$50.00	\$750.00	\$20.00	\$300.00
563.22	BRIDGE RAIL T2	LF	1,624.00	\$103.50	\$168,084.00	\$95.00	\$154,280.00	\$115.00	\$186,760.00
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	76.00	\$45.00	\$3,420.00	\$45.00	\$3,420.00	\$45.00	\$3,420.00
564.1	BRIDGE LIGHTING SYSTEM	U	1.00	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00	\$38,000.00	\$38,000.00
564.4	BRIDGE NAVIGATION LIGHTS	U	1.00	\$45,000.00	\$45,000.00	\$70,000.00	\$70,000.00	\$50,000.00	\$50,000.00
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	2.00	\$4,500.00	\$9,000.00	\$4,600.00	\$9,200.00	\$4,600.00	\$9,200.00
571.2	POINTING STONE MASONRY	LF	60.00	\$90.00	\$5,400.00	\$215.00	\$12,900.00	\$400.00	\$24,000.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	419.00	\$47.00	\$19,693.00	\$30.00	\$12,570.00	\$75.00	\$31,425.00
585.21	STONE FILL, CLASS B (BRIDGE)	CY	439.00	\$44.00	\$19,316.00	\$40.00	\$17,560.00	\$40.00	\$17,560.00
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	1,546.00	\$46.00	\$71,116.00	\$50.00	\$77,300.00	\$50.00	\$77,300.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	703.00	\$5.00	\$3,515.00	\$3.00	\$2,109.00	\$3.00	\$2,109.00
603.00215	15" R.C. PIPE, 2000D	LF	3.00	\$200.00	\$600.00	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	75.00	\$53.00	\$3,975.00	\$38.50	\$2,887.50	\$40.00	\$3,000.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
604.11525	CATCH BASINS TYPE A, DOUBLE GRATE 5-FOOT DIAMETER, 5% SLOPE	U	2.20	\$3,700.00	\$8,140.00	\$3,400.00	\$7,480.00	\$4,000.00	\$8,800.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	370.00	\$28.00	\$10,360.00	\$26.50	\$9,805.00	\$40.00	\$14,800.00
606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	150.00	\$38.00	\$5,700.00	\$31.50	\$4,725.00	\$50.00	\$7,500.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$5,000.00	\$10,000.00	\$3,150.00	\$6,300.00	\$7,500.00	\$15,000.00
609.01	STRAIGHT GRANITE CURB	LF	65.00	\$40.00	\$2,600.00	\$25.00	\$1,625.00	\$40.00	\$2,600.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	50.00	\$20.00	\$1,000.00	\$40.00	\$2,000.00	\$40.00	\$2,000.00
614.331	3" STEEL CONDUIT	LF	320.00	\$21.00	\$6,720.00	\$75.00	\$24,000.00	\$22.00	\$7,040.00
614.523	MOLDED PULL BOX 17"X30"	EA	11.00	\$400.00	\$4,400.00	\$1,000.00	\$11,000.00	\$500.00	\$5,500.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	450.00	\$9.50	\$4,275.00	\$38.00	\$17,100.00	\$10.00	\$4,500.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$12,000.00	\$12,000.00	\$15,100.00	\$15,100.00	\$25,000.00	\$25,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00
618.7	FLAGGERS	HR	2,000.00	\$17.50	\$35,000.00	\$17.50	\$35,000.00	\$20.00	\$40,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$8,500.00	\$8,500.00	\$350,000.00	\$350,000.00	\$25,000.00	\$25,000.00
619.2218	FURNISH INCIDENT MANAGEMENT SIGNS	SF	325.00	\$7.00	\$2,275.00	\$8.00	\$2,600.00	\$15.00	\$4,875.00
619.2228	FURNISH TEMPORARY SIGN SUPPORT STANDS	EA	29.00	\$75.00	\$2,175.00	\$150.00	\$4,350.00	\$250.00	\$7,250.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$17,500.00	\$105,000.00	\$1,000.00	\$6,000.00	\$11,000.00	\$66,000.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$15,000.00	\$30,000.00	\$975.00	\$1,950.00	\$10,000.00	\$20,000.00
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$1,800.00	\$14,400.00	\$1,795.00	\$14,360.00	\$1,800.00	\$14,400.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	16.00	\$800.00	\$12,800.00	\$795.00	\$12,720.00	\$800.00	\$12,800.00	
619.51	PORTABLE QUEUE TRAILER/ SENSOR (PQT)	MON	264.00	\$640.00	\$168,960.00	\$725.00	\$191,400.00	\$650.00	\$171,600.00	
619.52	PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)	MON	72.00	\$870.00	\$62,640.00	\$950.00	\$68,400.00	\$500.00	\$36,000.00	
619.91	RELOCATE WORK ZONE ITS DEVICE	U	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00	
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	20.00	\$20.00	\$400.00	\$40.00	\$800.00	\$10.00	\$200.00	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	19.00	\$6.00	\$114.00	\$65.00	\$1,235.00	\$5.00	\$95.00	
625.52	LIGHT POLE	U	8.00	\$2,900.00	\$23,200.00	\$6,500.00	\$52,000.00	\$3,000.00	\$24,000.00	
626.2	METER/PANEL BOARD PEDESTAL	U	1.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$2,500.00	\$2,500.00	
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	\$0.75	\$157.50	\$10.00	\$2,100.00	\$5.00	\$1,050.00	
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	13,100.00	\$0.22	\$2,882.00	\$0.25	\$3,275.00	\$0.25	\$3,275.00	
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	23.00	\$3.00	\$69.00	\$2.25	\$51.75	\$3.00	\$69.00	
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,450.00	\$0.50	\$1,225.00	\$0.45	\$1,102.50	\$1.00	\$2,450.00	
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	23.00	\$2.00	\$46.00	\$1.25	\$28.75	\$4.00	\$92.00	
644.451	SLOPE SEED (WF), TYPE 45 (MODIFIED)	LB	18.00	\$40.00	\$720.00	\$40.00	\$720.00	\$40.00	\$720.00	
645.0001	TURBIDITY BARRIER	LF	160.00	\$15.00	\$2,400.00	\$60.00	\$9,600.00	\$35.00	\$5,600.00	
645.111	MULCH	SY	940.00	\$1.00	\$940.00	\$0.55	\$517.00	\$0.55	\$517.00	
645.3	EROSION STONE	TON	800.00	\$25.00	\$20,000.00	\$26.50	\$21,200.00	\$30.00	\$24,000.00	
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	940.00	\$2.00	\$1,880.00	\$2.00	\$1,880.00	\$2.00	\$1,880.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	75.00	\$8.00	\$600.00	\$7.50	\$562.50	\$10.00	\$750.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	250.00	\$5.00	\$1,250.00	\$5.00	\$1,250.00	\$5.00	\$1,250.00
645.531	SILT FENCE	LF	250.00	\$2.50	\$625.00	\$3.00	\$750.00	\$3.00	\$750.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,500.00	\$4,500.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,400.00	\$44.00	\$61,600.00	\$45.00	\$63,000.00	\$45.00	\$63,000.00
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	0.20	\$4,000.00	\$800.00	\$11,000.00	\$2,200.00	\$11,000.00	\$2,200.00
647.1	HUMUS	CY	95.00	\$50.00	\$4,750.00	\$16.00	\$1,520.00	\$16.00	\$1,520.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$1,500.00	\$3,000.00	\$3,200.00	\$6,400.00	\$16,000.00	\$32,000.00
670.2811	NAVIGATIONAL CLEARANCE GAUGE	U	2.00	\$6,400.00	\$12,800.00	\$18,000.00	\$36,000.00	\$5,500.00	\$11,000.00
692	MOBILIZATION	U	1.00	\$1,900,000.00	\$1,900,000.00	\$1,970,000.00	\$1,970,000.00	\$2,100,000.00	\$2,100,000.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
698.11	FIELD OFFICE TYPE A	MON	35.00	\$1,800.00	\$63,000.00	\$3,250.00	\$113,750.00	\$1,500.00	\$52,500.00
698.2	PHYSICAL TESTING LABORATORY	MON	33.00	\$850.00	\$28,050.00	\$1,250.00	\$41,250.00	\$420.00	\$13,860.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1006.22	SPECIAL WORK - SOIL TESTING	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00
1010.15	FUEL ADJUSTMENT	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	220,000.00	\$1.00	\$220,000.00	\$1.00	\$220,000.00	\$1.00	\$220,000.00
					\$20,444,479.01		\$21,046,831.00		\$21,623,849.58

Item No:	Description	Unit	Quantity	Unit Price	D Total	Unit Price	E Total	Unit Price	Total
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	65.00	\$21.00	\$1,365.00	\$11.50	\$747.50		
202.201	DEMOLISHING BUILDINGS	U	1.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00		
202.301	BUILDING ASBESTOS ABATEMENT	U	1.00	\$9,000.00	\$9,000.00	\$5,000.00	\$5,000.00		
202.419	REMOVAL OF EXISTING PIPE 0-24" DIAMETER (BRIDGE)	LF	1,607.00	\$10.00	\$16,070.00	\$10.00	\$16,070.00		
202.4629	REMOVAL OF EXISTING 2-DUCT CONDUIT (BRIDGE)	LF	1,596.00	\$5.00	\$7,980.00	\$5.00	\$7,980.00		
202.7	REMOVAL OF GUARDRAIL	LF	510.00	\$3.00	\$1,530.00	\$2.00	\$1,020.00		
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$20.00	\$2,400.00	\$10.00	\$1,200.00		
203.1	COMMON EXCAVATION	CY	1,600.00	\$8.00	\$12,800.00	\$7.70	\$12,320.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$57.00	\$2,850.00	\$56.50	\$2,825.00		
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	576.00	\$27.00	\$15,552.00	\$27.00	\$15,552.00		
209.4	GRANULAR BACKFILL (GRAV)	CY	140.00	\$27.00	\$3,780.00	\$27.00	\$3,780.00		
209.5	GRANULAR BACKFILL FOR MSE WALLS	CY	965.00	\$30.00	\$28,950.00	\$29.50	\$28,467.50		
214	FINE GRADING	U	1.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00		
304.1	SAND (F)	CY	620.00	\$24.00	\$14,880.00	\$24.00	\$14,880.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	320.00	\$28.00	\$8,960.00	\$27.50	\$8,800.00		
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	280.00	\$28.00	\$7,840.00	\$27.50	\$7,700.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	510.00	\$105.00	\$53,550.00	\$100.00	\$51,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	11.00	\$200.00	\$2,200.00	\$150.00	\$1,650.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	15,300.00	\$0.25	\$3,825.00	\$0.50	\$7,650.00		

Item No:	Description	Unit	D			E			
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	710.00	\$105.00	\$74,550.00	\$125.00	\$88,750.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	2,340.00	\$6.00	\$14,040.00	\$4.00	\$9,360.00		
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1.00	\$500,000.00	\$500,000.00	\$1,500,000.00	\$1,500,000.00		
500.042	PREP FOR FATIGUE CRACK INSPECTION - LONG STIFF W/ LEAD PAINT POLL CNTRL	EA	208.00	\$1,200.00	\$249,600.00	\$125.00	\$26,000.00		
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$3,200,000.00	\$3,200,000.00	\$3,750,000.00	\$3,750,000.00		
503.201	COFFERDAMS	U	1.00	\$175,000.00	\$175,000.00	\$15,000.00	\$15,000.00		
503.202	COFFERDAMS	U	1.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	2,090.00	\$20.00	\$41,800.00	\$19.50	\$40,755.00		
508	STRUCTURAL FILL	CY	63.00	\$39.00	\$2,457.00	\$39.00	\$2,457.00		
510.1	PILE DRIVING EQUIPMENT	U	1.00	\$75,000.00	\$75,000.00	\$25,000.00	\$25,000.00		
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	66,780.00	\$1.50	\$100,170.00	\$0.58	\$38,732.40		
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	32.00	\$250.00	\$8,000.00	\$200.00	\$6,400.00		
510.9	PILE SPLICES	EA	5.00	\$200.00	\$1,000.00	\$1.00	\$5.00		
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	64.00	\$1,000.00	\$64,000.00	\$1,500.00	\$96,000.00		
520.01	CONCRETE CLASS AA	CY	69.00	\$3,000.00	\$207,000.00	\$2,000.00	\$138,000.00		
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	131.00	\$460.00	\$60,260.00	\$300.00	\$39,300.00		
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	335.00	\$635.00	\$212,725.00	\$450.00	\$150,750.00		
520.2131	CONCRETE CLASS B, FOOTINGS (ON SOIL)	CY	141.00	\$460.00	\$64,860.00	\$350.00	\$49,350.00		

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
520.70026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	4,259.00	\$1,150.00	\$4,897,850.00	\$800.00	\$3,407,200.00
526.2	EPOXY FOR NON-MOVING CRACKS	LF	100.00	\$100.00	\$10,000.00	\$100.00	\$10,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	488.00	\$85.00	\$41,480.00	\$60.00	\$29,280.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	55.00	\$60.00	\$3,300.00	\$50.00	\$2,750.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	47.00	\$17.00	\$799.00	\$17.00	\$799.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	12,610.00	\$17.00	\$214,370.00	\$17.00	\$214,370.00
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	141.00	\$8.00	\$1,128.00	\$5.00	\$705.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	1,177,654.00	\$0.92	\$1,083,441.68	\$0.90	\$1,059,888.60
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	86,670.00	\$2.20	\$190,674.00	\$3.00	\$260,010.00
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	915.00	\$10.00	\$9,150.00	\$7.50	\$6,862.50
547	SHEAR CONNECTORS (F)	EA	37,719.00	\$5.00	\$188,595.00	\$5.00	\$188,595.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$5,200.00	\$93,600.00	\$4,000.00	\$72,000.00
550.1	STRUCTURAL STEEL (F)	LB	3,354,264.00	\$1.62	\$5,433,907.68	\$1.82	\$6,104,760.48
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$375,000.00	\$375,000.00	\$1,000,000.00	\$1,000,000.00
550.210	BRIDGE SHOES - HLNR (F)	EA	72.00	\$6,000.00	\$432,000.00	\$5,000.00	\$360,000.00
550.404	PIN AND LINK HANGER RETROFIT	EA	8.00	\$32,500.00	\$260,000.00	\$15,000.00	\$120,000.00
550.405	LONGITUDINAL STIFFENER RETROFIT	EA	24.00	\$2,200.00	\$52,800.00	\$300.00	\$7,200.00
550.53	REMOVE AND RESET STRUCTURAL STEEL	U	1.00	\$275,000.00	\$275,000.00	\$65,000.00	\$65,000.00

Item No.	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$1,030,000.00	\$1,030,000.00	\$1,200,000.00	\$1,200,000.00
556.201	CONTAINMENT AND ENVIRONMENTAL PROTECTION	U	1.00	\$375,000.00	\$375,000.00	\$375,000.00	\$375,000.00
556.301	WORKER PROTECTION	U	1.00	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00
556.401	WASTE MANAGEMENT	U	1.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00
561.2001	PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F)	LF	150.00	\$1,800.00	\$270,000.00	\$1,700.00	\$255,000.00
562.1	SILICONE JOINT SEALANT (F)	LF	15.00	\$5.00	\$75.00	\$20.00	\$300.00
563.22	BRIDGE RAIL T2	LF	1,624.00	\$95.00	\$154,280.00	\$100.00	\$162,400.00
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	76.00	\$45.00	\$3,420.00	\$50.00	\$3,800.00
564.1	BRIDGE LIGHTING SYSTEM	U	1.00	\$36,000.00	\$36,000.00	\$50,000.00	\$50,000.00
564.4	BRIDGE NAVIGATION LIGHTS	U	1.00	\$46,000.00	\$46,000.00	\$50,000.00	\$50,000.00
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	2.00	\$4,600.00	\$9,200.00	\$4,500.00	\$9,000.00
571.2	POINTING STONE MASONRY	LF	60.00	\$75.00	\$4,500.00	\$50.00	\$3,000.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	419.00	\$60.00	\$25,140.00	\$50.00	\$20,950.00
585.21	STONE FILL, CLASS B (BRIDGE)	CY	439.00	\$40.00	\$17,560.00	\$40.00	\$17,560.00
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	1,546.00	\$50.00	\$77,300.00	\$50.00	\$77,300.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	703.00	\$3.00	\$2,109.00	\$3.00	\$2,109.00
603.00215	15" R.C. PIPE, 2000D	LF	3.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	75.00	\$40.00	\$3,000.00	\$38.50	\$2,887.50

Item No:	Description	Unit	Quantity	Unit Price	D Total	Unit Price	E Total	Unit Price	Total
604.11525	CATCH BASINS TYPE A, DOUBLE GRATE 5-FOOT DIAMETER, 5% SLOPE	U	2.20	\$3,400.00	\$7,480.00	\$3,400.00	\$7,480.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	370.00	\$27.00	\$9,990.00	\$25.00	\$9,250.00		
606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	150.00	\$32.00	\$4,800.00	\$40.00	\$6,000.00		
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$3,200.00	\$6,400.00	\$2,000.00	\$4,000.00		
609.01	STRAIGHT GRANITE CURB	LF	65.00	\$25.00	\$1,625.00	\$30.00	\$1,950.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	50.00	\$40.00	\$2,000.00	\$20.00	\$1,000.00		
614.331	3" STEEL CONDUIT	LF	320.00	\$22.00	\$7,040.00	\$20.00	\$6,400.00		
614.523	MOLDED PULL BOX 17"X30"	EA	11.00	\$420.00	\$4,620.00	\$450.00	\$4,950.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	450.00	\$10.00	\$4,500.00	\$20.00	\$9,000.00		
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$22,000.00	\$22,000.00	\$30,000.00	\$30,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00		
618.7	FLAGGERS	HR	2,000.00	\$18.00	\$36,000.00	\$17.50	\$35,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$225,000.00	\$225,000.00	\$35,000.00	\$35,000.00		
619.2218	FURNISH INCIDENT MANAGEMENT SIGNS	SF	325.00	\$15.00	\$4,875.00	\$10.00	\$3,250.00		
619.2228	FURNISH TEMPORARY SIGN SUPPORT STANDS	EA	29.00	\$200.00	\$5,800.00	\$75.00	\$2,175.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$21,000.00	\$126,000.00	\$5,000.00	\$30,000.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$15,000.00	\$30,000.00	\$2,500.00	\$5,000.00		
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$1,800.00	\$14,400.00	\$1,800.00	\$14,400.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	16.00	\$800.00	\$12,800.00	\$800.00	\$12,800.00	\$800.00	\$12,800.00
619.51	PORTABLE QUEUE TRAILER/SENSOR (PQT)	MON	264.00	\$650.00	\$171,600.00	\$645.00	\$170,280.00	\$645.00	\$170,280.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)	MON	72.00	\$900.00	\$64,800.00	\$870.00	\$62,640.00	\$870.00	\$62,640.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	1.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	20.00	\$25.00	\$500.00	\$5.00	\$100.00	\$5.00	\$100.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	19.00	\$5.00	\$95.00	\$5.00	\$95.00	\$5.00	\$95.00
625.52	LIGHT POLE	U	8.00	\$3,000.00	\$24,000.00	\$3,200.00	\$25,600.00	\$3,200.00	\$25,600.00
626.2	METER/PANEL BOARD PEDESTAL	U	1.00	\$2,500.00	\$2,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	\$5.00	\$1,050.00	\$5.00	\$1,050.00	\$5.00	\$1,050.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	13,100.00	\$0.25	\$3,275.00	\$0.25	\$3,275.00	\$0.25	\$3,275.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	23.00	\$3.00	\$69.00	\$3.00	\$69.00	\$3.00	\$69.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,450.00	\$1.00	\$2,450.00	\$1.00	\$2,450.00	\$1.00	\$2,450.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	23.00	\$4.00	\$92.00	\$4.00	\$92.00	\$4.00	\$92.00
644.451	SLOPE SEED (WF), TYPE 45 (MODIFIED)	LB	18.00	\$40.00	\$720.00	\$40.00	\$720.00	\$40.00	\$720.00
645.0001	TURBIDITY BARRIER	LF	160.00	\$35.00	\$5,600.00	\$25.00	\$4,000.00	\$25.00	\$4,000.00
645.111	MULCH	SY	940.00	\$0.55	\$517.00	\$0.85	\$799.00	\$0.85	\$799.00
645.3	EROSION STONE	TON	800.00	\$27.00	\$21,600.00	\$26.50	\$21,200.00	\$26.50	\$21,200.00
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	940.00	\$2.00	\$1,880.00	\$1.75	\$1,645.00	\$1.75	\$1,645.00

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	75.00	\$8.00	\$600.00	\$7.50	\$562.50		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	250.00	\$5.00	\$1,250.00	\$5.00	\$1,250.00		
645.531	SILT FENCE	LF	250.00	\$3.00	\$750.00	\$3.00	\$750.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,400.00	\$45.00	\$63,000.00	\$40.00	\$56,000.00		
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	0.20	\$11,000.00	\$2,200.00	\$4,000.00	\$800.00		
647.1	HUMUS	CY	95.00	\$100.00	\$9,500.00	\$16.00	\$1,520.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$15,000.00	\$30,000.00	\$5,000.00	\$10,000.00		
670.2811	NAVIGATIONAL CLEARANCE GAUGE	U	2.00	\$6,000.00	\$12,000.00	\$10,000.00	\$20,000.00		
692	MOBILIZATION	U	1.00	\$1,000,000.00	\$1,000,000.00	\$2,500,000.00	\$2,500,000.00		
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00		
698.11	FIELD OFFICE TYPE A	MON	35.00	\$1,000.00	\$35,000.00	\$3,000.00	\$105,000.00		
698.2	PHYSICAL TESTING LABORATORY	MON	33.00	\$800.00	\$26,400.00	\$400.00	\$13,200.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1006.22	SPECIAL WORK - SOIL TESTING	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00		
1010.15	FUEL ADJUSTMENT	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		

Item No.	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	220,000.00	\$1.00	\$220,000.00	\$1.00	\$220,000.00
					\$24,181,701.36		\$25,923,730.98

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		Difference
				Unit Price	Total	Unit Price	Total	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	65.00	\$20.00	\$1,300.00	\$1.50	\$97.50	\$1,202.50
202.201	DEMOLISHING BUILDINGS	U	1.00	\$16,000.00	\$16,000.00	\$50,000.00	\$50,000.00	(\$34,000.00)
202.301	BUILDING ASBESTOS ABATEMENT	U	1.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$2,000.00
202.419	REMOVAL OF EXISTING PIPE 0-24" DIAMETER (BRIDGE)	LF	1,607.00	\$10.00	\$16,070.00	\$50.00	\$80,350.00	(\$64,280.00)
202.4629	REMOVAL OF EXISTING 2-DUCT CONDUIT (BRIDGE)	LF	1,596.00	\$6.00	\$9,576.00	\$30.00	\$47,880.00	(\$38,304.00)
202.7	REMOVAL OF GUARDRAIL	LF	510.00	\$2.00	\$1,020.00	\$1.50	\$765.00	\$255.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$23.00	\$2,760.00	\$5.00	\$600.00	\$2,160.00
203.1	COMMON EXCAVATION	CY	1,600.00	\$12.00	\$19,200.00	\$12.00	\$19,200.00	\$0.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$75.00	\$3,750.00	\$50.00	\$2,500.00	\$1,250.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	576.00	\$50.00	\$28,800.00	\$45.00	\$25,920.00	\$2,880.00
209.4	GRANULAR BACKFILL (GRAV)	CY	140.00	\$50.00	\$7,000.00	\$45.00	\$6,300.00	\$700.00
209.5	GRANULAR BACKFILL FOR MSE WALLS	CY	965.00	\$39.00	\$37,635.00	\$40.00	\$38,600.00	(\$965.00)
214	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$3,000.00
304.1	SAND (F)	CY	620.00	\$28.50	\$17,670.00	\$22.00	\$13,640.00	\$4,030.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	320.00	\$32.00	\$10,240.00	\$30.00	\$9,600.00	\$640.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	280.00	\$32.00	\$8,960.00	\$30.00	\$8,400.00	\$560.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	510.00	\$100.00	\$51,000.00	\$90.00	\$45,900.00	\$5,100.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	11.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00	\$0.00
403.6	PAVEMENT JOINT ADHESIVE	LF	15,300.00	\$0.25	\$3,825.00	\$0.50	\$7,650.00	(\$3,825.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		Total	A-PS&E Difference
				Unit Price	Total	Unit Price	Total		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	710.00	\$125.00	\$88,750.00	\$150.00	\$106,500.00		(\$17,750.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	2,340.00	\$4.00	\$9,360.00	\$10.00	\$23,400.00		(\$14,040.00)
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1.00	\$275,000.00	\$275,000.00	\$3,000,000.00	\$3,000,000.00		(\$2,725,000.00)
500.042	PREP FOR FATIGUE CRACK INSPECTION - LONG STIFF W/ LEAD PAINT POLL CNTRL	EA	208.00	\$400.00	\$83,200.00	\$500.00	\$104,000.00		(\$20,800.00)
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$1,900,000.00	\$1,900,000.00	\$2,750,000.00	\$2,750,000.00		(\$850,000.00)
503.201	COFFERDAMS	U	1.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00		\$0.00
503.202	COFFERDAMS	U	1.00	\$110,000.00	\$110,000.00	\$150,000.00	\$150,000.00		(\$40,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	2,090.00	\$20.00	\$41,800.00	\$30.00	\$62,700.00		(\$20,900.00)
508	STRUCTURAL FILL	CY	63.00	\$60.00	\$3,780.00	\$40.00	\$2,520.00		\$1,260.00
510.1	PILE DRIVING EQUIPMENT	U	1.00	\$58,000.00	\$58,000.00	\$75,000.00	\$75,000.00		(\$17,000.00)
510.61	FURNISHING & DRIVING STEEL BEARING PILES	LB	66,780.00	\$0.60	\$40,068.00	\$1.00	\$66,780.00		(\$26,712.00)
510.65	DRIVING-POINTS FOR STEEL BEARING PILES	EA	32.00	\$100.00	\$3,200.00	\$200.00	\$6,400.00		(\$3,200.00)
510.9	PILE SPLICES	EA	5.00	\$10.00	\$50.00	\$250.00	\$1,250.00		(\$1,200.00)
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	64.00	\$1,500.00	\$96,000.00	\$1,500.00	\$96,000.00		\$0.00
520.01	CONCRETE CLASS AA	CY	69.00	\$1,750.00	\$120,750.00	\$1,000.00	\$69,000.00		\$51,750.00
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	131.00	\$375.00	\$49,125.00	\$400.00	\$52,400.00		(\$3,275.00)
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	335.00	\$600.00	\$201,000.00	\$600.00	\$201,000.00		\$0.00
520.2131	CONCRETE CLASS B, FOOTINGS (ON SOIL)	CY	141.00	\$375.00	\$52,875.00	\$400.00	\$56,400.00		(\$3,525.00)

A - PS&E Comparison

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		Difference
				Unit Price	Total	Unit Price	Total	
520.70026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	4,259.00	\$700.00	\$2,981,300.00	\$950.00	\$4,046,050.00	(\$1,064,750.00)
526.2	EPOXY FOR NON-MOVING CRACKS	LF	100.00	\$90.00	\$9,000.00	\$200.00	\$20,000.00	(\$11,000.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	488.00	\$80.00	\$39,040.00	\$100.00	\$48,800.00	(\$9,760.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	55.00	\$50.00	\$2,750.00	\$50.00	\$2,750.00	\$0.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	47.00	\$16.00	\$752.00	\$35.00	\$1,645.00	(\$893.00)
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	12,610.00	\$16.00	\$201,760.00	\$20.00	\$252,200.00	(\$50,440.00)
541.1	PVC WATERSTOPS, NH TYPE 1 (F)	LF	141.00	\$6.00	\$846.00	\$10.00	\$1,410.00	(\$564.00)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	1,177,654.00	\$1.15	\$1,354,302.10	\$1.20	\$1,413,184.80	(\$58,882.70)
544.21	REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F)	LB	86,670.00	\$4.00	\$346,680.00	\$3.50	\$303,345.00	\$43,335.00
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	915.00	\$8.00	\$7,320.00	\$10.00	\$9,150.00	(\$1,830.00)
547	SHEAR CONNECTORS (F)	EA	37,719.00	\$6.20	\$233,857.80	\$6.00	\$226,314.00	\$7,543.80
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$4,000.00	\$72,000.00	\$3,000.00	\$54,000.00	\$18,000.00
550.1	STRUCTURAL STEEL (F)	LB	3,354,264.00	\$1.49	\$4,997,853.36	\$1.75	\$5,869,962.00	(\$872,108.64)
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$225,000.00	\$225,000.00	\$500,000.00	\$500,000.00	(\$275,000.00)
550.210	BRIDGE SHOES - HLMR (F)	EA	72.00	\$5,000.00	\$360,000.00	\$5,000.00	\$360,000.00	\$0.00
550.404	PIN AND LINK HANGER RETROFIT	EA	8.00	\$32,000.00	\$256,000.00	\$150,000.00	\$1,200,000.00	(\$944,000.00)
550.405	LONGITUDINAL STIFFENER RETROFIT	EA	24.00	\$1,000.00	\$24,000.00	\$4,000.00	\$96,000.00	(\$72,000.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	A-Bidder		PS&E		A-PS&E Difference
			Quantity	Unit Price	Total	Unit Price	
550.53	REMOVE AND RESET STRUCTURAL STEEL	U	1.00	\$100,000.00	\$100,000.00	\$400,000.00	\$400,000.00 (\$300,000.00)
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$975,000.00	\$975,000.00	\$700,000.00	\$700,000.00 \$275,000.00
556.201	CONTAINMENT AND ENVIRONMENTAL PROTECTION	U	1.00	\$350,000.00	\$350,000.00	\$590,000.00	\$590,000.00 (\$240,000.00)
556.301	WORKER PROTECTION	U	1.00	\$27,000.00	\$27,000.00	\$10,000.00	\$10,000.00 \$17,000.00
556.401	WASTE MANAGEMENT	U	1.00	\$7,500.00	\$7,500.00	\$2,000.00	\$2,000.00 \$5,500.00
561.2001	PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F)	LF	150.00	\$1,700.00	\$255,000.00	\$2,000.00	\$300,000.00 (\$45,000.00)
562.1	SILICONE JOINT SEALANT (F)	LF	15.00	\$18.75	\$281.25	\$20.00	\$300.00 (\$18.75)
563.22	BRIDGE RAIL T2	LF	1,624.00	\$103.50	\$168,084.00	\$100.00	\$162,400.00 \$5,684.00
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	76.00	\$45.00	\$3,420.00	\$40.00	\$3,040.00 \$380.00
564.1	BRIDGE LIGHTING SYSTEM	U	1.00	\$35,000.00	\$35,000.00	\$60,000.00	\$60,000.00 (\$25,000.00)
564.4	BRIDGE NAVIGATION LIGHTS	U	1.00	\$45,000.00	\$45,000.00	\$80,000.00	\$80,000.00 (\$35,000.00)
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	2.00	\$4,500.00	\$9,000.00	\$4,500.00	\$9,000.00 \$0.00
571.2	POINTING STONE MASONRY	LF	60.00	\$90.00	\$5,400.00	\$500.00	\$30,000.00 (\$24,600.00)
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	419.00	\$47.00	\$19,693.00	\$60.00	\$25,140.00 (\$5,447.00)
585.21	STONE FILL, CLASS B (BRIDGE)	CY	439.00	\$44.00	\$19,316.00	\$45.00	\$19,755.00 (\$439.00)
592.1	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	1,546.00	\$46.00	\$71,116.00	\$50.00	\$77,300.00 (\$6,184.00)
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	703.00	\$5.00	\$3,515.00	\$2.00	\$1,406.00 \$2,109.00
603.00215	15" R.C. PIPE, 2000D	LF	3.00	\$200.00	\$600.00	\$42.00	\$126.00 \$474.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		Difference
				Unit Price	Total	Unit Price	Total	
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	75.00	\$53.00	\$3,975.00	\$34.00	\$2,550.00	\$1,425.00
604.11525	CATCH BASINS TYPE A, DOUBLE GRATE 5-FOOT DIAMETER, 5% SLOPE	U	2.20	\$3,700.00	\$8,140.00	\$3,000.00	\$6,600.00	\$1,540.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	370.00	\$28.00	\$10,360.00	\$25.00	\$9,250.00	\$1,110.00
606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	150.00	\$38.00	\$5,700.00	\$40.00	\$6,000.00	(\$300.00)
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00	\$4,000.00
609.01	STRAIGHT GRANITE CURB	LF	65.00	\$40.00	\$2,600.00	\$22.00	\$1,430.00	\$1,170.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	50.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$0.00
614.331	3" STEEL CONDUIT	LF	320.00	\$21.00	\$6,720.00	\$25.00	\$8,000.00	(\$1,280.00)
614.523	MOLDED PULL BOX 17"X30"	EA	11.00	\$400.00	\$4,400.00	\$400.00	\$4,400.00	\$0.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	450.00	\$9.50	\$4,275.00	\$10.00	\$4,500.00	(\$225.00)
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$12,000.00	\$12,000.00	\$43,000.00	\$43,000.00	(\$31,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$0.00
618.7	FLAGGERS	HR	2,000.00	\$17.50	\$35,000.00	\$21.00	\$42,000.00	(\$7,000.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$8,500.00	\$8,500.00	\$100,000.00	\$100,000.00	(\$91,500.00)
619.2218	FURNISH INCIDENT MANAGEMENT SIGNS	SF	325.00	\$7.00	\$2,275.00	\$14.00	\$4,550.00	(\$2,275.00)
619.2228	FURNISH TEMPORARY SIGN SUPPORT STANDS	EA	29.00	\$75.00	\$2,175.00	\$180.00	\$5,220.00	(\$3,045.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$17,500.00	\$105,000.00	\$5,000.00	\$30,000.00	\$75,000.00

A - PS&E Comparison

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Item No:	Description	Unit	A-Bidder		PS&E		A-PS&E Difference	
			Quantity	Unit Price	Total	Unit Price		Total
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$15,000.00	\$30,000.00	\$2,000.00	\$4,000.00	\$26,000.00
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	\$1,800.00	\$14,400.00	\$1,500.00	\$12,000.00	\$2,400.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	16.00	\$800.00	\$12,800.00	\$800.00	\$12,800.00	\$0.00
619.51	PORTABLE QUEUE TRAILER/ SENSOR (PQT)	MON	264.00	\$640.00	\$168,960.00	\$600.00	\$158,400.00	\$10,560.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)	MON	72.00	\$870.00	\$62,640.00	\$875.00	\$63,000.00	(\$360.00)
619.91	RELOCATE WORK ZONE ITS DEVICE	U	1.00	\$250.00	\$250.00	\$400.00	\$400.00	(\$150.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	20.00	\$20.00	\$400.00	\$15.00	\$300.00	\$100.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	19.00	\$6.00	\$114.00	\$5.00	\$95.00	\$19.00
625.52	LIGHT POLE	U	8.00	\$2,900.00	\$23,200.00	\$1,700.00	\$13,600.00	\$9,600.00
626.2	METER/PANEL BOARD PEDESTAL	U	1.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	(\$2,500.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	\$0.75	\$157.50	\$3.00	\$630.00	(\$472.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	13,100.00	\$0.22	\$2,882.00	\$0.15	\$1,965.00	\$917.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	23.00	\$3.00	\$69.00	\$2.00	\$46.00	\$23.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,450.00	\$0.50	\$1,225.00	\$0.50	\$1,225.00	\$0.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	23.00	\$2.00	\$46.00	\$1.00	\$23.00	\$23.00
644.451	SLOPE SEED (WF), TYPE 45 (MODIFIED)	LB	18.00	\$40.00	\$720.00	\$55.00	\$990.00	(\$270.00)
645.0001	TURBIDITY BARRIER	LF	160.00	\$15.00	\$2,400.00	\$10.00	\$1,600.00	\$800.00

A - PS&E Comparison

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		Difference
				Unit Price	Total	Unit Price	Total	
645.111	MULCH	SY	940.00	\$1.00	\$940.00	\$1.00	\$940.00	\$0.00
645.3	EROSION STONE	TON	800.00	\$25.00	\$20,000.00	\$25.00	\$20,000.00	\$0.00
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	940.00	\$2.00	\$1,880.00	\$1.50	\$1,410.00	\$470.00
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	75.00	\$8.00	\$600.00	\$8.00	\$600.00	\$0.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	250.00	\$5.00	\$1,250.00	\$5.00	\$1,250.00	\$0.00
645.531	SILT FENCE	LF	250.00	\$2.50	\$625.00	\$4.00	\$1,000.00	(\$375.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,400.00	\$44.00	\$61,600.00	\$55.00	\$77,000.00	(\$15,400.00)
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	0.20	\$4,000.00	\$800.00	\$5,000.00	\$1,000.00	(\$200.00)
647.1	HUMUS	CY	95.00	\$50.00	\$4,750.00	\$30.00	\$2,850.00	\$1,900.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$1,500.00	\$3,000.00	\$4,000.00	\$8,000.00	(\$5,000.00)
670.2811	NAVIGATIONAL CLEARANCE GAUGE MOBILIZATION	U	2.00	\$6,400.00	\$12,800.00	\$45,000.00	\$90,000.00	(\$77,200.00)
692	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,900,000.00	\$1,900,000.00	\$2,000,000.00	\$2,000,000.00	(\$100,000.00)
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,000.00	\$1,000.00	\$35,000.00	\$35,000.00	(\$34,000.00)
698.11	FIELD OFFICE TYPE A PHYSICAL TESTING LABORATORY	MON	35.00	\$1,800.00	\$63,000.00	\$2,500.00	\$87,500.00	(\$24,500.00)
698.2	LABORATORY	MON	33.00	\$850.00	\$28,050.00	\$1,000.00	\$33,000.00	(\$4,950.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00

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	
1006.22	SPECIAL WORK - SOIL TESTING	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	250,000.00	\$1.00	\$250,000.00	\$1.00	\$250,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	220,000.00	\$1.00	\$220,000.00	\$1.00	\$220,000.00	\$0.00
					\$20,444,479.01		\$28,185,804.30	(\$7,741,325.29)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/27/2014

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 THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Christine Holman, CPCU, CIC PHONE (A/C, No, Ext): (603) 224-2562 E-MAIL ADDRESS: cholman@rowleyagency.com	FAX (A/C, No): (603) 224-8012
	INSURER(S) AFFORDING COVERAGE	
INSURED R.S. Audley, Inc. 609 Route 3-A Bow NH 03304	INSURER A: Travelers NAIC # 28188	
	INSURER B: Crum & Forster	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES CERTIFICATE NUMBER: 14-15 all lines 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
A	GENERAL LIABILITY			VTNCO2398A78A-PHX-14	1/1/2014	1/1/2015	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 5,000
	<input checked="" type="checkbox"/> CG0001						PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 2,000,000
	<input type="checkbox"/> POLICY <input type="checkbox"/> PROJ <input checked="" type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY			VTOCAP2398A791-COF-14	1/1/2014	1/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							Medical payments \$ 2,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB			VTSMJCUP2398A809-TIL-14	1/1/2014	1/1/2015	EACH OCCURRENCE \$ 10,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 10,000,000
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000						
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			3A States: NH, ME			<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A	VTRKUB-2398A77-8-14	1/1/2014	1/1/2015	E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 500,000
A B	Leased/Rented			QT-660-3082B427-COF-14	1/1/2014	1/1/2015	Limit 750,000
	Pollution			PKC100765	2/18/2014	2/18/2015	Per Claim/Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Re Newington-Dover 112380 Bridge rehab and widening Spaulding Turnpike Certificate holder is included as an additional insured under general liability coverage for ongoing operations when required by written contract. *exception: nonpayment of premium - 10 days

CERTIFICATE HOLDER State of New Hampshire Dept of Transportation PO Box 483 Concord, NH 03302-0483	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 C Holman, CPCU, CIC/C <i>Christine Holman</i>



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/27/2014

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PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Christine Holman, CPCU, CIC PHONE (A/C No. Ext): (603) 224-2562 E-MAIL ADDRESS: cholman@rowleyagency.com	FAX (A/C No.): (603) 224-8012
	INSURER(S) AFFORDING COVERAGE	
INSURED State of New Hampshire, Dept of Transportation PO Box 483 Concord NH 03302-0483	INSURER A: Travelers NAIC # 28188	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** OCP - Newington/Dover **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
A	GENERAL LIABILITY			OCP1027-14	10-27-14	10-27-15	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
	<input checked="" type="checkbox"/> Owners Contractors						PERSONAL & ADV INJURY \$
	<u>Protective</u>						GENERAL AGGREGATE \$ 3,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR					EACH OCCURRENCE \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$
	DED	RETENTION \$					\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH)	<input type="checkbox"/> Y/N	N/A				OTHER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Newington-Dover 112380 Bridge Rehab and widening Spaulding Turnpike

CERTIFICATE HOLDER 	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 C Holman, CPCU, CIC/C <i>Christine Holman</i>