



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

OCT 23 '15 AM 11:55 DAG



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William Cass, P.E.
Assistant Commissioner

Bureau of Construction
October 21, 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 Beck & Bellucci, Inc. (Vendor 160421) of Franklin, NH on the basis of a low bid of \$2,840,636.50 for bridge rehabilitation work on the bridges carrying I-89 NB and SB over Hardy Hill Road in the City of Lebanon, from the date of Governor and Council approval through September 22, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funds to support this request are anticipated to be available in the following accounts in State FY 2016, FY 2017, and FY 2018 upon the availability and continued appropriation of funds in the future operating budget:

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$1,136,254.50	\$1,204,382.00	\$500,000.00

2. Further authorize that a contingency in the amount of \$142,031.83 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$56,812.73	\$60,219.10	\$25,000.00

EXPLANATION

This project is part of the State's 10-Year Transportation Improvement Plan. This project consists of bridge rehabilitation work on the bridges carrying I-89 NB and SB over Hardy Hill Road in the City of Lebanon (Br. Nos. 156/117 and 155/117). The work begins approximately 1100 feet west of the bridge, and continues 2454 feet across the bridge to the east. The scope of work includes replacement of the concrete bridge deck, replacement of existing steel girders with precast concrete beams, new pavement and membrane, replacement of the bearings, replacement of the bridge joints, and reconstruction of portions of the abutments. The bridges were built in 1966 and the structures are currently on the State's Redlist due to the poor condition of the bridge deck. The bridges are ranked #15 and #16 on the State's 2015 Bridge Priority list. The proposed bridge superstructure replacement and related reconstruction will extend the life of the structure.

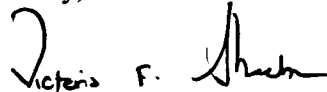
The contingency amount is proposed to be 5% of the contract amount. The nature of bridge work and the inability to see areas of the bridge that will become exposed when the deck is removed will increase the risks of cost overruns. Phased construction under high traffic volumes also increases the risk of overruns for traffic control operations.

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 80% federal funds with 20% 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

VFS/md

Department Estimate: \$3,536,033.50
Contract Amount: \$2,840,636.50
Under Estimate: \$ 695,397.00

Attachments

Septemeber 2, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of bridge rehabilitation work on the bridges carrying I-89 NB and SB over Hardy Hill Rd. in the City of Lebanon (Br. Nos. 156/117, 155/117). The work begins approximately 1100 feet west of the bridge, and continues 2454 feet across the bridge to the east. The scope of work includes replacement of the concrete bridge deck, replacement of existing steel girders with precast concrete beams, new pavement and membrane, replacement of the bearings, replacement of the bridge joints, and reconstruction of portions of the abutments.

FEDERAL FUNDING: Construction funding is 80% Federal Funding utilizing Turnpike Toll credits as the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 5% of the contract amount. The nature of bridge work and the inability to see areas of the bridge that will become exposed when the deck is removed will increase the risks of cost overruns. Phased construction under high traffic volumes also increases the risk of overruns for traffic control operations.

PROJECT INITIATED: This project was initiated through the State's 10-year Transportation Improvement Plan

PROJECT EXPLANATION: The bridges were built in 1966. The structures are currently on the State's Redlist due to the poor condition of the bridge deck. The bridges are ranked #15 and #16 on the State's 2015 Bridge Priority list. The proposed bridge superstructure replacement and related reconstruction will extend the life of the structure.

TRAFFIC IMPLICATION: Traffic will be carried on temporary median diversions allowing for two lanes of traffic in each direction in minimum 14' lanes.

FINAL COMPLETION DATE: September 22, 2017

**State of New Hampshire
Department of Transportation**

Project: LEBANON X-A003(199) 25784

County and Code: GRAFTON COUNTY 009

Date Bids Open: September 30, 2015

Scope of Work: BRIDGE REHABILITATION

Location: I-89 NB AND SB OVER HARDY HILL ROAD IN THE CITY OF LEBANON

Completion Date: September 22, 2017

A BECK & BELLUCCI, INC.
PO BOX 429, 10 SALISBURY ROAD FRANKLIN, NH 03235 \$2,840,636.50

B R. S. AUDLEY, INC.
609 ROUTE 3A, BOW, NH 03304 \$3,129,431.35

C J A MCDONALD
585 GILMAN ROAD PO BOX 132 LYNDON CENTER VT 05850 \$3,204,512.70

D R.M. PIPER, INC.
PO BOX 490, PLYMOUTH, NH 03264 \$3,235,704.60

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	310.00	\$5.25	\$1,627.50	\$3.00	\$930.00	\$10.00	\$3,100.00	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	900.00	\$5.25	\$4,725.00	\$3.00	\$2,700.00	\$7.00	\$6,300.00	
202.7	REMOVAL OF GUARDRAIL	LF	1,500.00	\$2.00	\$3,000.00	\$1.50	\$2,250.00	\$3.00	\$4,500.00	
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	3.00	\$1,350.00	\$4,050.00	\$1,450.00	\$4,350.00	\$1,450.00	\$4,350.00	
206.1	COMMON STRUCTURE EXCAVATION	CY	70.00	\$27.50	\$1,925.00	\$18.00	\$1,260.00	\$20.00	\$1,400.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$105.00	\$1,050.00	\$300.00	\$3,000.00	\$65.00	\$650.00	
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	60.00	\$75.00	\$4,500.00	\$60.00	\$3,600.00	\$55.00	\$3,300.00	
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	50.00	\$47.25	\$2,362.50	\$40.00	\$2,000.00	\$48.00	\$2,400.00	
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	1,665.00	\$80.00	\$133,200.00	\$78.75	\$131,118.75	\$85.00	\$141,525.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	14,000.00	\$0.25	\$3,500.00	\$0.50	\$7,000.00	\$0.50	\$7,000.00	
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	340.00	\$0.25	\$85.00	\$10.00	\$3,400.00	\$10.00	\$3,400.00	
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	30.00	\$377.00	\$11,310.00	\$367.00	\$11,010.00	\$284.00	\$8,520.00	
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,460.00	\$75.00	\$184,500.00	\$80.00	\$196,800.00	\$74.00	\$182,040.00	
417	COLD PLANING BITUMINOUS SURFACES	SY	19,450.00	\$2.60	\$50,570.00	\$1.50	\$29,175.00	\$1.50	\$29,175.00	
417.416	RUMBLE STRIPS, 16" WIDE	LF	8,900.00	\$1.80	\$16,020.00	\$1.50	\$13,350.00	\$1.85	\$16,465.00	
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	2,600.00	\$2.65	\$6,890.00	\$2.50	\$6,500.00	\$4.50	\$11,700.00	
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$85,400.00	\$85,400.00	\$117,000.00	\$117,000.00	\$120,000.00	\$120,000.00	
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$85,300.00	\$85,300.00	\$117,000.00	\$117,000.00	\$120,000.00	\$120,000.00	

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
503.201	COFFERDAMS	U	1.00	\$2,500.00	\$2,500.00	\$26,000.00	\$26,000.00	\$30,000.00	\$30,000.00	
503.202	COFFERDAMS	U	1.00	\$2,500.00	\$2,500.00	\$26,000.00	\$26,000.00	\$30,000.00	\$30,000.00	
504.1	COMMON BRIDGE EXCAVATION (F)	CY	340.00	\$45.00	\$15,300.00	\$26.00	\$8,840.00	\$27.00	\$9,180.00	
504.2	ROCK BRIDGE EXCAVATION	CY	20.00	\$1.00	\$20.00	\$50.00	\$1,000.00	\$200.00	\$4,000.00	
508	STRUCTURAL FILL	CY	60.00	\$63.00	\$3,780.00	\$50.00	\$3,000.00	\$55.00	\$3,300.00	
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	71.00	\$750.00	\$53,250.00	\$1,000.00	\$71,000.00	\$815.00	\$57,865.00	
520.0102	CONCRETE CLASS AA (QC/QA) (F)	CY	158.00	\$1,200.00	\$189,600.00	\$1,300.00	\$205,400.00	\$700.00	\$110,600.00	
520.02	CONCRETE CLASS AA, ABOVE FOOTINGS (F)	CY	61.00	\$1,050.00	\$64,050.00	\$2,500.00	\$152,500.00	\$1,800.00	\$109,800.00	
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	8.00	\$1,000.00	\$8,000.00	\$1,500.00	\$12,000.00	\$2,250.00	\$18,000.00	
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	72.00	\$416.00	\$29,952.00	\$700.00	\$50,400.00	\$650.00	\$46,800.00	
528.2124	PRESTRESSED CONCRETE BEAMS, NEXT-F 24" (F)	LF	494.00	\$420.00	\$207,480.00	\$450.00	\$222,300.00	\$470.00	\$232,180.00	
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	60.00	\$70.00	\$4,200.00	\$60.00	\$3,600.00	\$55.00	\$3,300.00	
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	50.00	\$40.00	\$2,000.00	\$50.00	\$2,500.00	\$46.00	\$2,300.00	
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	540.00	\$26.00	\$14,040.00	\$23.00	\$12,420.00	\$25.00	\$13,500.00	
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	247.00	\$8.00	\$1,976.00	\$10.00	\$2,470.00	\$10.00	\$2,470.00	
544	REINFORCING STEEL (F)	LB	3,921.00	\$3.50	\$13,723.50	\$1.15	\$4,509.15	\$1.60	\$6,273.60	
544.11	REINFORCING STEEL-MECHANICAL CONNECTORS (F)	LB	74.00	\$2.75	\$203.50	\$3.40	\$251.60	\$24.00	\$1,776.00	
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	53,543.00	\$1.10	\$58,897.30	\$1.20	\$64,251.60	\$1.20	\$64,251.60	

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,902.00	\$2.40	\$4,564.80	\$3.00	\$5,706.00	\$13.00	\$24,726.00	
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	440.00	\$6.80	\$2,992.00	\$6.00	\$2,640.00	\$7.00	\$3,080.00	
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	48.00	\$1,000.00	\$48,000.00	\$800.00	\$38,400.00	\$930.00	\$44,640.00	
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	116.00	\$91.00	\$10,556.00	\$80.00	\$9,280.00	\$90.00	\$10,440.00	
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	124.00	\$525.00	\$65,100.00	\$450.00	\$55,800.00	\$435.00	\$53,940.00	
562.1	SILICONE JOINT SEALANT (F)	LF	72.00	\$20.00	\$1,440.00	\$20.00	\$1,440.00	\$50.00	\$3,600.00	
563.233	BRIDGE RAIL T3 WITH SNOW SCREENING	LF	96.00	\$180.00	\$17,280.00	\$180.00	\$17,280.00	\$168.00	\$16,128.00	
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	4.00	\$5,460.00	\$21,840.00	\$5,200.00	\$20,800.00	\$5,200.00	\$20,800.00	
585.2	STONE FILL, CLASS B	CY	70.00	\$50.00	\$3,500.00	\$80.00	\$5,600.00	\$65.00	\$4,550.00	
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	100.00	\$3.15	\$315.00	\$9.00	\$900.00	\$6.00	\$600.00	
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	7.00	\$345.00	\$2,415.00	\$325.00	\$2,275.00	\$325.00	\$2,275.00	
602.11015	PE SOLID WALL PIPE LINER FOR 15" PIPE	LF	310.00	\$100.00	\$31,000.00	\$96.00	\$29,760.00	\$95.00	\$29,450.00	
603.0001	VIDEO INSPECTION	LF	440.00	\$2.10	\$924.00	\$1.50	\$660.00	\$4.00	\$1,760.00	
603.34112	12" STEEL END SECTIONS	EA	8.00	\$263.00	\$2,104.00	\$200.00	\$1,600.00	\$250.00	\$2,000.00	
603.34115	15" STEEL END SECTIONS	EA	3.00	\$278.00	\$834.00	\$215.00	\$645.00	\$300.00	\$900.00	
603.40012	12" PIPE FOR SLOPE DRAIN.	LF	440.00	\$69.56	\$30,606.40	\$92.00	\$40,480.00	\$42.00	\$18,480.00	
603.99012	12" TEMPORARY DRAIN PIPE	LF	170.00	\$62.50	\$10,625.00	\$92.00	\$15,640.00	\$55.00	\$9,350.00	
604.0007	POLYETHYLENE LINER	EA	8.00	\$205.00	\$1,640.00	\$225.00	\$1,800.00	\$240.00	\$1,920.00	

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	310.00	\$5.00	\$1,550.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	900.00	\$5.00	\$4,500.00		
202.7	REMOVAL OF GUARDRAIL	LF	1,500.00	\$2.00	\$3,000.00		
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	3.00	\$1,400.00	\$4,200.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	70.00	\$12.00	\$840.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$40.00	\$400.00		
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	60.00	\$60.00	\$3,600.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	50.00	\$50.00	\$2,500.00		
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	1,665.00	\$77.00	\$128,205.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	14,000.00	\$0.80	\$11,200.00		
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	340.00	\$15.00	\$5,100.00		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	30.00	\$360.00	\$10,800.00		
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,460.00	\$77.00	\$189,420.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	19,450.00	\$1.60	\$31,120.00		
417.416	RUMBLE STRIPS, 16" WIDE	LF	8,900.00	\$1.60	\$14,240.00		
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	2,600.00	\$2.65	\$6,890.00		
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00		
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00		

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$9.45	\$4,725.00	\$6.75	\$3,375.00	\$12.00	\$6,000.00		
670.0451	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$187,425.00	\$187,425.00	\$95,000.00	\$95,000.00	\$100,000.00	\$100,000.00		
670.0452	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$91,350.00	\$91,350.00	\$90,000.00	\$90,000.00	\$100,000.00	\$100,000.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$12,250.00	\$24,500.00	\$14,000.00	\$28,000.00	\$6,400.00	\$12,800.00		
692	MOBILIZATION	U	1.00	\$247,000.00	\$247,000.00	\$310,000.00	\$310,000.00	\$285,000.00	\$285,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$420.00	\$420.00	\$400.00	\$400.00	\$700.00	\$700.00		
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00		
698.12	FIELD OFFICE TYPE B	MON	20.00	\$1,600.00	\$32,000.00	\$2,200.00	\$44,000.00	\$2,100.00	\$42,000.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00		
1010.43	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00		
					\$2,840,636.50		\$3,129,431.35		\$3,204,512.70		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	36.00	\$55.00	\$1,980.00	\$160.00	\$5,760.00	\$160.00	\$5,760.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00
618.7	FLAGGERS	HR	2,500.00	\$26.25	\$65,625.00	\$24.00	\$60,000.00	\$30.00	\$75,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$61,000.00	\$61,000.00	\$65,000.00	\$65,000.00	\$88,000.00	\$88,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$12,000.00	\$24,000.00	\$11,000.00	\$22,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$11,000.00	\$22,000.00	\$12,500.00	\$25,000.00	\$6,400.00	\$12,800.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	45.00	\$4.20	\$189.00	\$4.25	\$191.25	\$4.00	\$180.00
621.31	SINGLE DELINEATOR WITH POST	EA	35.00	\$36.75	\$1,286.25	\$37.00	\$1,295.00	\$35.00	\$1,225.00
621.32	DOUBLE DELINEATOR WITH POST	EA	5.00	\$42.00	\$210.00	\$38.00	\$190.00	\$40.00	\$200.00
622.1	STEEL WITNESS MARKERS	EA	20.00	\$26.25	\$525.00	\$26.00	\$520.00	\$25.00	\$500.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	160.00	\$2.65	\$424.00	\$1.00	\$160.00	\$5.00	\$800.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	35,750.00	\$0.17	\$6,077.50	\$0.25	\$8,937.50	\$0.16	\$5,720.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,700.00	\$1.00	\$10,700.00	\$3.00	\$32,100.00	\$2.00	\$21,400.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	6,200.00	\$0.53	\$3,286.00	\$0.89	\$5,518.00	\$0.50	\$3,100.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$6.90	\$20,700.00	\$4.50	\$13,500.00	\$4.50	\$13,500.00
645.531	SILT FENCE	LF	1,100.00	\$3.70	\$4,070.00	\$2.50	\$2,750.00	\$3.50	\$3,850.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,100.00	\$3,100.00	\$2,400.00	\$2,400.00	\$2,500.00	\$2,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	210.00	\$45.00	\$9,450.00	\$45.00	\$9,450.00	\$45.00	\$9,450.00

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
604.1249	TEMPORARY CATCH BASINS TYPE-B, 4-FOOT DIAMETER	U	4.00	\$2,370.00	\$9,480.00	\$2,550.00	\$10,200.00	\$2,100.00	\$8,400.00	
604.242	DROP INLETS TYPE D-B	U	9.00	\$1,470.00	\$13,230.00	\$1,800.00	\$16,200.00	\$1,550.00	\$13,950.00	
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$420.00	\$4,200.00	\$525.00	\$5,250.00	\$450.00	\$4,500.00	
604.72	GRATES & FRAMES, TYPE B	EA	3.00	\$446.00	\$1,338.00	\$515.00	\$1,545.00	\$575.00	\$1,725.00	
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$2,520.00	\$2,520.00	\$2,500.00	\$2,500.00	\$2,400.00	\$2,400.00	
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,425.00	\$17.33	\$24,695.25	\$17.30	\$24,652.50	\$16.50	\$23,512.50	
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	4.00	\$2,890.00	\$11,560.00	\$2,890.00	\$11,560.00	\$2,750.00	\$11,000.00	
606.41239	MODIFIED TRANSITION SINGLE SLOPE CONCRETE BARRIER PRECAST	U	4.00	\$1,750.00	\$7,000.00	\$2,500.00	\$10,000.00	\$2,600.00	\$10,400.00	
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	5,900.00	\$25.00	\$147,500.00	\$24.00	\$141,600.00	\$60.00	\$354,000.00	
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL -BRACED	LF	50.00	\$100.00	\$5,000.00	\$200.00	\$10,000.00	\$210.00	\$10,500.00	
606.4239	MODIFIED SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE	LF	88.00	\$187.00	\$16,456.00	\$425.00	\$37,400.00	\$360.00	\$31,680.00	
606.91	RESETTING OR SETTING GUARDRAIL	LF	1,675.00	\$12.60	\$21,105.00	\$12.60	\$21,105.00	\$12.00	\$20,100.00	
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	2.00	\$525.00	\$1,050.00	\$525.00	\$1,050.00	\$500.00	\$1,000.00	
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	2.00	\$368.00	\$736.00	\$365.00	\$730.00	\$350.00	\$700.00	
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$4,750.00	\$9,500.00	\$6,000.00	\$12,000.00	\$6,300.00	\$12,600.00	

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
503.201	COFFERDAMS	U	1.00	\$40,000.00	\$40,000.00		
503.202	COFFERDAMS	U	1.00	\$40,000.00	\$40,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	340.00	\$14.00	\$4,760.00		
504.2	ROCK BRIDGE EXCAVATION	CY	20.00	\$90.00	\$1,800.00		
508	STRUCTURAL FILL	CY	60.00	\$50.00	\$3,000.00		
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	71.00	\$520.00	\$36,920.00		
520.0102	CONCRETE CLASS AA (QC/QA) (F)	CY	158.00	\$800.00	\$126,400.00		
520.02	CONCRETE CLASS AA, ABOVE FOOTINGS (F)	CY	61.00	\$975.00	\$59,475.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	8.00	\$1,450.00	\$11,600.00		
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	72.00	\$580.00	\$41,760.00		
528.2124	PRESTRESSED CONCRETE BEAMS, NEXT-F 24" (F)	LF	494.00	\$530.00	\$261,820.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	60.00	\$140.00	\$8,400.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	50.00	\$25.00	\$1,250.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	540.00	\$26.50	\$14,310.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	247.00	\$10.00	\$2,470.00		
544	REINFORCING STEEL (F)	LB	3,921.00	\$1.10	\$4,313.10		
544.11	REINFORCING STEEL-MECHANICAL CONNECTORS (F)	LB	74.00	\$3.50	\$259.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	53,543.00	\$1.25	\$66,928.75		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,902.00	\$3.50	\$6,657.00		
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	440.00	\$10.00	\$4,400.00		
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	48.00	\$850.00	\$40,800.00		
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	116.00	\$90.00	\$10,440.00		
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	124.00	\$475.00	\$58,900.00		
562.1	SILICONE JOINT SEALANT (F)	LF	72.00	\$18.00	\$1,296.00		
563.233	BRIDGE RAIL T3 WITH SNOW SCREENING	LF	96.00	\$175.00	\$16,800.00		
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	4.00	\$5,300.00	\$21,200.00		
585.2	STONE FILL, CLASS B	CY	70.00	\$50.00	\$3,500.00		
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	100.00	\$2.80	\$280.00		
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	7.00	\$340.00	\$2,380.00		
602.11015	PE SOLID WALL PIPE LINER FOR 15" PIPE	LF	310.00	\$96.00	\$29,760.00		
603.0001	VIDEO INSPECTION	LF	440.00	\$5.25	\$2,310.00		
603.34112	12" STEEL END SECTIONS	EA	8.00	\$315.00	\$2,520.00		
603.34115	15" STEEL END SECTIONS	EA	3.00	\$345.00	\$1,035.00		
603.40012	12" PIPE FOR SLOPE DRAIN.	LF	440.00	\$30.00	\$13,200.00		
603.99012	12" TEMPORARY DRAIN. PIPE	LF	170.00	\$30.00	\$5,100.00		
604.0007	POLYETHYLENE LINER	EA	8.00	\$220.00	\$1,760.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
604.1249	TEMPORARY CATCH BASINS TYPE-B, 4-FOOT DIAMETER	U	4.00	\$2,500.00	\$10,000.00		
604.242	DROP INLETS TYPE D-B	U	9.00	\$1,600.00	\$14,400.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$600.00	\$6,000.00		
604.72	GRATES & FRAMES, TYPE B	EA	3.00	\$500.00	\$1,500.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$2,500.00	\$2,500.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,425.00	\$17.50	\$24,937.50		
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	4.00	\$2,900.00	\$11,600.00		
606.41239	MODIFIED TRANSITION SINGLE SLOPE CONCRETE BARRIER PRECAST	U	4.00	\$3,000.00	\$12,000.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	5,900.00	\$34.00	\$200,600.00		
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL -BRACED	LF	50.00	\$200.00	\$10,000.00		
606.4239	MODIFIED SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE	LF	88.00	\$160.00	\$14,080.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	1,675.00	\$12.75	\$21,356.25		
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	2.00	\$525.00	\$1,050.00		
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	2.00	\$370.00	\$740.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$4,000.00	\$8,000.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	36.00	\$160.00	\$5,760.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	150,000.00	\$1.00	\$150,000.00		
618.7	FLAGGERS	HR	2,500.00	\$30.00	\$75,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$215,000.00	\$215,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$12,500.00	\$25,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$4,000.00	\$8,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	45.00	\$5.00	\$225.00		
621.31	SINGLE DELINEATOR WITH POST	EA	35.00	\$35.00	\$1,225.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	5.00	\$40.00	\$200.00		
622.1	STEEL WITNESS MARKERS	EA	20.00	\$30.00	\$600.00		
628.2	SAVED BITUMINOUS PAVEMENT	LF	160.00	\$2.25	\$360.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	35,750.00	\$0.10	\$3,575.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,700.00	\$1.15	\$12,305.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	6,200.00	\$0.26	\$1,612.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$4.25	\$12,750.00		
645.531	SILT FENCE	LF	1,100.00	\$3.75	\$4,125.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,800.00	\$4,800.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	210.00	\$63.50	\$13,335.00		

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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	Total	Difference	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	310.00	\$5.25	\$1,627.50	\$19.00	\$5,890.00	(\$4,262.50)	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	900.00	\$5.25	\$4,725.00	\$4.00	\$3,600.00	\$1,125.00	
202.7	REMOVAL OF GUARDRAIL	LF	1,500.00	\$2.00	\$3,000.00	\$2.75	\$4,125.00	(\$1,125.00)	
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	3.00	\$1,350.00	\$4,050.00	\$1,000.00	\$3,000.00	\$1,050.00	
206.1	COMMON STRUCTURE EXCAVATION	CY	70.00	\$27.50	\$1,925.00	\$20.00	\$1,400.00	\$525.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$105.00	\$1,050.00	\$100.00	\$1,000.00	\$50.00	
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	60.00	\$75.00	\$4,500.00	\$50.00	\$3,000.00	\$1,500.00	
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	50.00	\$47.25	\$2,362.50	\$27.50	\$1,375.00	\$987.50	
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	1,665.00	\$80.00	\$133,200.00	\$66.00	\$109,890.00	\$23,310.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	14,000.00	\$0.25	\$3,500.00	\$1.00	\$14,000.00	(\$10,500.00)	
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	340.00	\$0.25	\$85.00	\$2.50	\$850.00	(\$765.00)	
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	30.00	\$377.00	\$11,310.00	\$200.00	\$6,000.00	\$5,310.00	
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,460.00	\$75.00	\$184,500.00	\$200.00	\$492,000.00	(\$307,500.00)	
417	COLD PLANING BITUMINOUS SURFACES	SY	19,450.00	\$2.60	\$50,570.00	\$5.00	\$97,250.00	(\$46,680.00)	
417.416	RUMBLE STRIPS, 16" WIDE	LF	8,900.00	\$1.80	\$16,020.00	\$10.00	\$89,000.00	(\$72,980.00)	
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	2,600.00	\$2.65	\$6,890.00	\$3.00	\$7,800.00	(\$910.00)	
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$85,400.00	\$85,400.00	\$100,000.00	\$100,000.00	(\$14,600.00)	

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	
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$85,300.00	\$85,300.00	\$100,000.00	\$100,000.00	(\$14,700.00)
503.201	COFFERDAMS	U	1.00	\$2,500.00	\$2,500.00	\$50,000.00	\$50,000.00	(\$47,500.00)
503.202	COFFERDAMS	U	1.00	\$2,500.00	\$2,500.00	\$50,000.00	\$50,000.00	(\$47,500.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	340.00	\$45.00	\$15,300.00	\$55.00	\$18,700.00	(\$3,400.00)
504.2	ROCK BRIDGE EXCAVATION	CY	20.00	\$1.00	\$20.00	\$100.00	\$2,000.00	(\$1,980.00)
508	STRUCTURAL FILL	CY	60.00	\$63.00	\$3,780.00	\$40.00	\$2,400.00	\$1,380.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	71.00	\$750.00	\$53,250.00	\$750.00	\$53,250.00	\$0.00
520.0102	CONCRETE CLASS AA (QC/QA) (F)	CY	158.00	\$1,200.00	\$189,600.00	\$1,000.00	\$158,000.00	\$31,600.00
520.02	CONCRETE CLASS AA, ABOVE FOOTINGS (F)	CY	61.00	\$1,050.00	\$64,050.00	\$1,000.00	\$61,000.00	\$3,050.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	8.00	\$1,000.00	\$8,000.00	\$1,500.00	\$12,000.00	(\$4,000.00)
520.0302	CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)	CY	72.00	\$416.00	\$29,952.00	\$350.00	\$25,200.00	\$4,752.00
528.2124	PRESTRESSED CONCRETE BEAMS, NEXT-F 24" (F)	LF	494.00	\$420.00	\$207,480.00	\$400.00	\$197,600.00	\$9,880.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	60.00	\$70.00	\$4,200.00	\$72.00	\$4,320.00	(\$120.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	50.00	\$40.00	\$2,000.00	\$45.00	\$2,250.00	(\$250.00)
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	540.00	\$26.00	\$14,040.00	\$20.00	\$10,800.00	\$3,240.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	247.00	\$8.00	\$1,976.00	\$10.00	\$2,470.00	(\$494.00)
544	REINFORCING STEEL (F)	LB	3,921.00	\$3.50	\$13,723.50	\$1.50	\$5,881.50	\$7,842.00

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	
544.11	REINFORCING STEEL-MECHANICAL CONNECTORS (F)	LB	74.00	\$2.75	\$203.50	\$5.00	\$370.00	(\$166.50)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	53,543.00	\$1.10	\$58,897.30	\$1.50	\$80,314.50	(\$21,417.20)
544.21	REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F)	LB	1,902.00	\$2.40	\$4,564.80	\$5.00	\$9,510.00	(\$4,945.20)
544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	440.00	\$6.80	\$2,992.00	\$8.00	\$3,520.00	(\$528.00)
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	48.00	\$1,000.00	\$48,000.00	\$1,600.00	\$76,800.00	(\$28,800.00)
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	116.00	\$91.00	\$10,556.00	\$118.00	\$13,688.00	(\$3,132.00)
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	124.00	\$525.00	\$65,100.00	\$590.00	\$73,160.00	(\$8,060.00)
562.1	SILICONE JOINT SEALANT (F)	LF	72.00	\$20.00	\$1,440.00	\$20.00	\$1,440.00	\$0.00
563.233	BRIDGE RAIL T3 WITH SNOW SCREENING	LF	96.00	\$180.00	\$17,280.00	\$160.00	\$15,360.00	\$1,920.00
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	4.00	\$5,460.00	\$21,840.00	\$4,500.00	\$18,000.00	\$3,840.00
585.2	STONE FILL, CLASS B	CY	70.00	\$50.00	\$3,500.00	\$48.00	\$3,360.00	\$140.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	100.00	\$3.15	\$315.00	\$4.00	\$400.00	(\$85.00)
602.011	FILL MATERIAL FOR ANNULAR SPACE	CY	7.00	\$345.00	\$2,415.00	\$350.00	\$2,450.00	(\$35.00)
602.11015	PE SOLID WALL PIPE LINER FOR 15" PIPE	LF	310.00	\$100.00	\$31,000.00	\$100.00	\$31,000.00	\$0.00
603.0001	VIDEO INSPECTION	LF	440.00	\$2.10	\$924.00	\$2.00	\$880.00	\$44.00
603.34112	12" STEEL END SECTIONS	EA	8.00	\$263.00	\$2,104.00	\$300.00	\$2,400.00	(\$296.00)
603.34115	15" STEEL END SECTIONS	EA	3.00	\$278.00	\$834.00	\$350.00	\$1,050.00	(\$216.00)

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	
603.40012	12" PIPE FOR SLOPE DRAIN.	LF	440.00	\$69.56	\$30,606.40	\$70.00	\$30,800.00	(\$193.60)
603.99012	12" TEMPORARY DRAIN. PIPE	LF	170.00	\$62.50	\$10,625.00	\$75.00	\$12,750.00	(\$2,125.00)
604.0007	POLYETHYLENE LINER	EA	8.00	\$205.00	\$1,640.00	\$173.00	\$1,384.00	\$256.00
604.1249	TEMPORARY CATCH BASINS TYPE-B, 4-FOOT DIAMETER	U	4.00	\$2,370.00	\$9,480.00	\$2,500.00	\$10,000.00	(\$520.00)
604.242	DROP INLETS TYPE D-B	U	9.00	\$1,470.00	\$13,230.00	\$1,400.00	\$12,600.00	\$630.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$420.00	\$4,200.00	\$500.00	\$5,000.00	(\$800.00)
604.72	GRATES & FRAMES, TYPE B	EA	3.00	\$446.00	\$1,338.00	\$400.00	\$1,200.00	\$138.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE	U	1.00	\$2,520.00	\$2,520.00	\$2,000.00	\$2,000.00	\$520.00
606.18001	EAGRT, TL 3) (STEEL POST)	LF	1,425.00	\$17.33	\$24,695.25	\$18.50	\$26,362.50	(\$1,667.25)
606.312	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	U	4.00	\$2,890.00	\$11,560.00	\$2,950.00	\$11,800.00	(\$240.00)
606.41239	SINGLE FACED TRANSITION RAIL, STEEL POST	U	4.00	\$1,750.00	\$7,000.00	\$2,700.00	\$10,800.00	(\$3,800.00)
606.417	MODIFIED TRANSITION SINGLE SLOPE CONCRETE BARRIER PRECAST	LF	5,900.00	\$25.00	\$147,500.00	\$27.00	\$159,300.00	(\$11,800.00)
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL -BRACED	LF	50.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$0.00
606.4239	MODIFIED SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE	LF	88.00	\$187.00	\$16,456.00	\$250.00	\$22,000.00	(\$5,544.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	1,675.00	\$12.60	\$21,105.00	\$15.00	\$25,125.00	(\$4,020.00)

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	
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	2.00	\$525.00	\$1,050.00	\$525.00	\$1,050.00	\$0.00
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	2.00	\$368.00	\$736.00	\$500.00	\$1,000.00	(\$264.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$4,750.00	\$9,500.00	\$4,250.00	\$8,500.00	\$1,000.00
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	36.00	\$55.00	\$1,980.00	\$40.50	\$1,458.00	\$522.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00	\$0.00
618.7	FLAGGERS	HR	2,500.00	\$26.25	\$65,625.00	\$18.00	\$45,000.00	\$20,625.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$61,000.00	\$61,000.00	\$48,000.00	\$48,000.00	\$13,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$5,000.00	\$10,000.00	\$5,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$11,000.00	\$22,000.00	\$3,000.00	\$6,000.00	\$16,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	45.00	\$4.20	\$189.00	\$6.00	\$270.00	(\$81.00)
621.31	SINGLE DELINEATOR WITH POST	EA	35.00	\$36.75	\$1,286.25	\$35.00	\$1,225.00	\$61.25
621.32	DOUBLE DELINEATOR WITH POST	EA	5.00	\$42.00	\$210.00	\$37.00	\$185.00	\$25.00
622.1	STEEL WITNESS MARKERS	EA	20.00	\$26.25	\$525.00	\$29.00	\$580.00	(\$55.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	160.00	\$2.65	\$424.00	\$2.00	\$320.00	\$104.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	35,750.00	\$0.17	\$6,077.50	\$0.20	\$7,150.00	(\$1,072.50)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,700.00	\$1.00	\$10,700.00	\$4.00	\$42,800.00	(\$32,100.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	6,200.00	\$0.53	\$3,286.00	\$0.60	\$3,720.00	(\$434.00)

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	Total	Difference	
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$6.90	\$20,700.00	\$4.33	\$12,990.00	\$7,710.00	
645.531	SILT FENCE	LF	1,100.00	\$3.70	\$4,070.00	\$3.00	\$3,300.00	\$770.00	
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,100.00	\$3,100.00	\$10,000.00	\$10,000.00	(\$6,900.00)	
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	210.00	\$45.00	\$9,450.00	\$53.00	\$11,130.00	(\$1,680.00)	
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$9.45	\$4,725.00	\$6.00	\$3,000.00	\$1,725.00	
670.0451	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$187,425.00	\$187,425.00	\$175,000.00	\$175,000.00	\$12,425.00	
670.0452	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$91,350.00	\$91,350.00	\$150,000.00	\$150,000.00	(\$58,650.00)	
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$12,250.00	\$24,500.00	\$5,000.00	\$10,000.00	\$14,500.00	
692	MOBILIZATION	U	1.00	\$247,000.00	\$247,000.00	\$356,280.00	\$356,280.00	(\$109,280.00)	
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$420.00	\$420.00	\$1,200.00	\$1,200.00	(\$780.00)	
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	(\$1,000.00)	
698.12	FIELD OFFICE TYPE B	MON	20.00	\$1,600.00	\$32,000.00	\$1,700.00	\$34,000.00	(\$2,000.00)	
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00	
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00	
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00	
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$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	
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$0.00
1010.43	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$0.00
					\$2,840,636.50		\$3,536,033.50	(\$695,397.00)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/8/2015

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 FAX (A/C No): (603) 224-8012 E-MAIL ADDRESS: cholman@rowleyagency.com																				
	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Travelers</td> <td></td> <td>28188</td> </tr> <tr> <td>INSURER B:</td> <td></td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A: Travelers		28188	INSURER B:			INSURER C:			INSURER D:			INSURER E:			INSURER F:	
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INSURER F:																					
INSURED Beck & Bellucci Inc. Miller Construction Inc. P.O. Box 429 Franklin NH 03235-0429																					

COVERAGES CERTIFICATE NUMBER: 15-16 B & B 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 <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC			DTCO2572L87A	6/30/2015	6/30/2016	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
							MED EXP (Any one person)	\$ 5,000
							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 type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			DT8102572L87ACOF15	6/30/2015	6/30/2016	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
							Uninsured motorist combined	\$ 1,000,000
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			DTSMCUP2572L87A	6/30/2015	6/30/2016	EACH OCCURRENCE	\$ 10,000,000
							AGGREGATE	\$ 10,000,000
								\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			3A States: NH, VT DTEUB4436L35614	6/30/2015	6/30/2016	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$ 500,000
							E.L. DISEASE - EA EMPLOYEE	\$ 500,000
							E.L. DISEASE - POLICY LIMIT	\$ 500,000
A	Leased/Rented Equipment Riggers Liability			QT6603083B737	6/30/2015	6/30/2016	Limit	500,000
				QT6603083B737	6/30/2015	6/30/2016	Limit	300,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Lebanon X-A003 (100) 2784 Bridge rehab work on the bridges carrying I-89NB and SB over Hardy Hill Road
Certificate holder is included as an additional insured under general liability when required by written contract

CERTIFICATE HOLDER State of NH - 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>
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/8/2015

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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 NH - Dept of Transportation PO Box 483 Concord NH 03302-0483	INSURER A: Travelers Indemnity Co NAIC # 25658	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: OCP - Lebanon

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	COMMERCIAL GENERAL LIABILITY			COP11042015	11/4/2015	11/4/2016	EACH OCCURRENCE	\$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	<input checked="" type="checkbox"/> Owners & Contractors						MED EXP (Any one person)	\$
	GEN'L AGGREGATE LIMIT APPLIES PER:							PERSONAL & ADV INJURY
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						GENERAL AGGREGATE	\$ 3,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS							\$
	<input type="checkbox"/> NON-OWNED AUTOS							\$
	UMBRELLA LIAB						EACH OCCURRENCE	\$
	EXCESS LIAB						AGGREGATE	\$
	DED						RETENTION \$	\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE	OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Lebanon X-A003 (100) 25784 bridge rehab work on the bridges carrying I89NB and SB over Hardy Hill Road

CERTIFICATE HOLDER**CANCELLATION**

State of NH Department of Transportation PO Box 483 Concord, NH 03302-0483	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>
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