



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Beaumont
35

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
 November 5, 2015

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

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Alvin J. Coleman & Son, Inc. (Vendor 154411) of Conway, NH on the basis of a low bid of \$441,409.60 for bridge rehabilitation work on the bridge that carries Applebee Road over the Branch River and associated work on the roadway approaches to the bridge in the Town Milton, from the date of Governor and Council approval through September 30, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054 Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$100,000.00	341,409.60

2. Further authorize that a contingency in the amount of \$44,140.96 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054 Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$10,000.00	\$34,140.96

EXPLANATION

This project is part of the State's 10-Year Transportation Improvement Plan under the annual Bridge Rehabilitation, Painting, Preservation, and Improvement Program (BRPPI) to address bridge preservation needs. This project consists of the rehabilitation of the bridge (Milton Br. No. 102/120) that carries Applebee Road over the Branch River and associated work on the roadway approaches to the bridge. The major bridge rehabilitation work will include the rehabilitation of the concrete bridge deck and abutments, as well as the replacement of the expansion joints. Roadway approach work consists of

of a 1½" pavement inlay and replacement of the guardrail at all four quadrants of the bridge. The existing bridge deck is showing signs of deterioration on both the underside and the pavement. The concrete bridge deck was constructed in 1966. The existing concrete abutment work includes reconstruction necessary to replace the expansion joint. This aforementioned rehabilitation work will cost-effectively extend the life of the bridge structure.

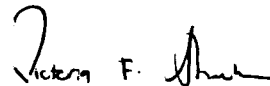
The Contingency amount is proposed to be 10%. This work includes the rehabilitation of the bridge, which typically has higher risks of costs and quantity overruns due to the nature of the rehabilitation work and the inability to accurately quantify the extent of deck repairs. Until the existing pavement and membrane on the deck is removed, the true extent of the repair work is only an estimate.

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: \$459,260.80
Contract Amount: \$441,409.60
Under Estimate: \$ 17,851.20

Attachments

September 11, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of the rehabilitation of the bridge (Milton Br. No. 102/120) that carries Applebee Road over the Branch River and associated work on the roadway approaches to the bridge. The major bridge rehabilitation work will include the rehabilitation of the concrete bridge deck and abutments, as well as the replacement of the expansion joints. Roadway approach work consists of a 1½" pavement inlay and replacement of the guardrail at all four quadrants of the bridge.

FEDERAL FUNDING: 80% Federal Funding with the State's 20% match being Turnpike Toll Credits

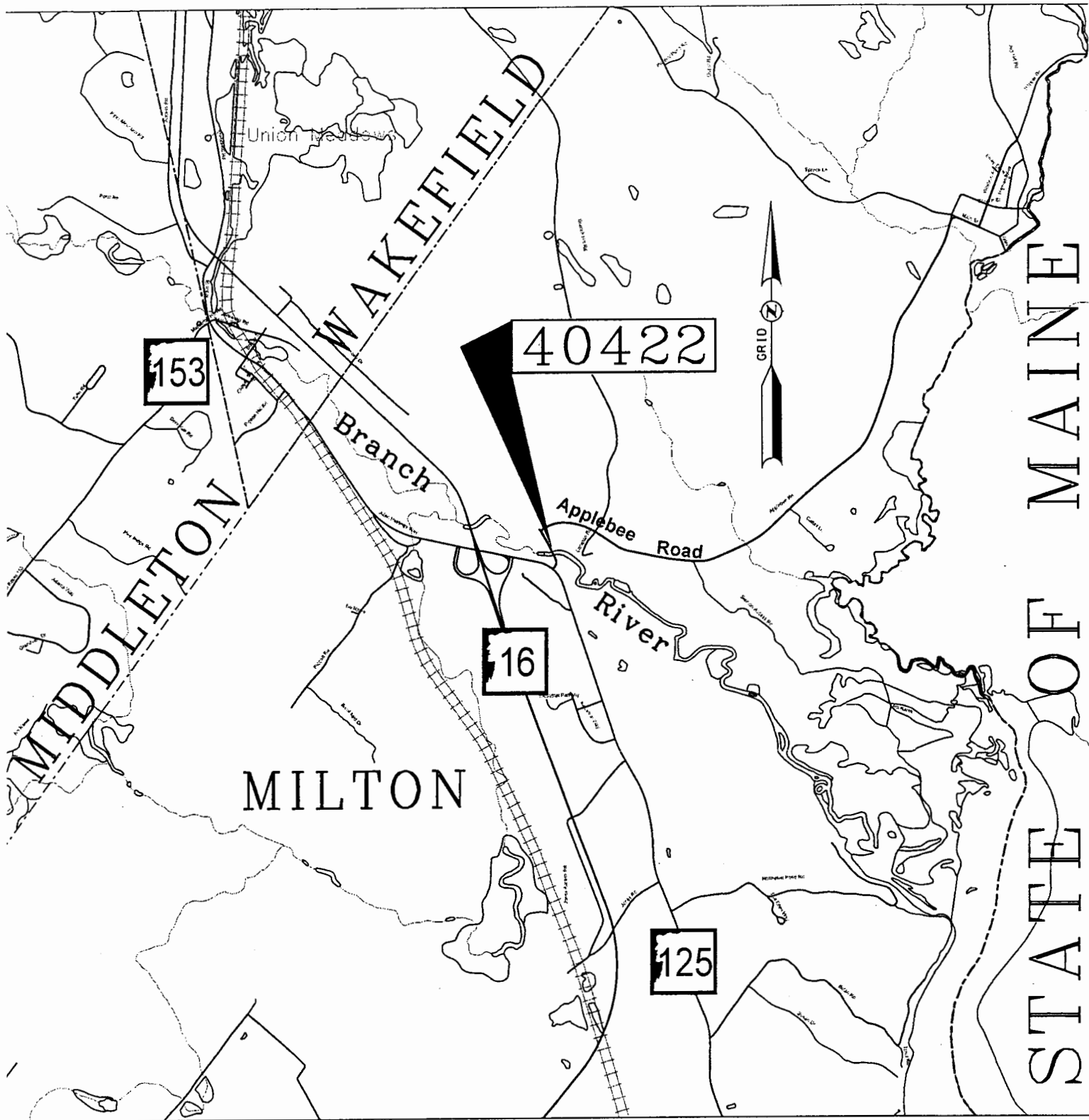
CONTINGENCY: The Contingency amount is proposed to be 10%. This work includes the rehabilitation of the bridge, which typically has higher risks of costs and quantity overruns due to the nature of the rehabilitation work and the inability to accurately quantify the extent of deck repairs. Until the existing pavement and membrane on the deck is removed, the true extent of the repair work is only an estimate.

PROJECT INITIATED: State's Ten Year Plan and the Bridge Rehabilitation, Painting, Preservation, and Improvements Program (BRPPI)

PROJECT EXPLANATION: The existing bridge deck has a condition rating of 7 on a scale of 1 to 9 and both the underside and the pavement are showing signs of deterioration. The concrete bridge deck was constructed in 1966. The existing concrete abutment work includes reconstruction necessary to replace the expansion joint.

TRAFFIC IMPLICATIONS: Bridge rehabilitation work will be done utilizing phased construction in two phases. Work will be done on approximately two-thirds of the bridge width in phase one. During this phase of construction, a one-lane, alternating two-way traffic pattern will be implemented utilizing temporary traffic signals. Continuous day and overnight lane closures will not begin prior to April 1, 2016. Signals will be located on Applebee Road just south and north of the bridge. A minimum lane width of twelve (12) feet will be maintained. The second phase will allow uninterrupted two-way traffic on a total pavement width of twenty-four (24) feet.

COMPLETION DATE: September 30, 2016



153

40422

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125

MIDDLETON

WAKEFIELD

MILTON

STATE OF MAINE

**State of New Hampshire
Department of Transportation**

40422.01

Project: MILTON X-A004(395) 40422

County and Code: STRAFFORD COUNTY 017

Date Bids Open: October 15, 2015

Scope of Work: BRIDGE REHABILITATION

Location: THE BRIDGE THAT CARRIES APPLEBEE ROAD OVER
THE BRANCH RIVER

Completion Date: September 30, 2016

A ALVIN J COLEMAN & SON INC (B001)
9 NH RTE 113 CONWAY, NH 03818-9505 \$441,409.60

B T BUCK CONSTRUCTION INC (B001)
249 MERROW RD AUBURN, ME 04210 \$479,315.00

C R.M. PIPER, INC.
PO BOX 490, PLYMOUTH, NH 03264 \$479,837.72

D SCOTT CONSTRUCTION CORPORATION
37 TEE DRIVE PORTLAND ME 04103 \$488,496.70

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
202.7	REMOVAL OF GUARDRAIL	LF	850.00	\$1.00	\$850.00	\$4.00	\$3,400.00	\$2.00	\$1,700.00		
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	4.00	\$773.00	\$3,092.00	\$1,700.00	\$6,800.00	\$1,450.00	\$5,800.00		
304.3	CRUSHED GRAVEL (F)	CY	6.00	\$82.40	\$494.40	\$75.00	\$450.00	\$50.00	\$300.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350.00	\$97.20	\$34,020.00	\$95.00	\$33,250.00	\$100.00	\$35,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	5.00	\$459.00	\$2,295.00	\$200.00	\$1,000.00	\$210.00	\$1,050.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	2,925.00	\$1.00	\$2,925.00	\$1.25	\$3,656.25	\$1.30	\$3,802.50		
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	735.00	\$8.00	\$5,880.00	\$1.25	\$918.75	\$1.30	\$955.50		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	36.00	\$297.00	\$10,692.00	\$275.00	\$9,900.00	\$290.00	\$10,440.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	3,500.00	\$3.00	\$10,500.00	\$4.00	\$14,000.00	\$4.25	\$14,875.00		
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$31,100.00	\$31,100.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	14.00	\$51.50	\$721.00	\$35.00	\$490.00	\$50.00	\$700.00		
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	632.00	\$14.40	\$9,100.80	\$19.00	\$12,008.00	\$16.00	\$10,112.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	63.00	\$309.00	\$19,467.00	\$425.00	\$26,775.00	\$400.00	\$25,200.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	17.00	\$412.00	\$7,004.00	\$650.00	\$11,050.00	\$450.00	\$7,650.00		
520.01	CONCRETE CLASS AA	CY	11.00	\$1,130.00	\$12,430.00	\$1,500.00	\$16,500.00	\$1,200.00	\$13,200.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	13.00	\$1,130.00	\$14,690.00	\$1,600.00	\$20,800.00	\$1,000.00	\$13,000.00		
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	11.50	\$61.80	\$710.70	\$75.00	\$862.50	\$100.00	\$1,150.00		

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	17.00	\$51.50	\$875.50	\$55.00	\$935.00	\$30.00	\$510.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	626.00	\$24.80	\$15,524.80	\$25.00	\$15,650.00	\$25.00	\$15,650.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	50.00	\$16.20	\$810.00	\$15.00	\$750.00	\$10.00	\$500.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	1,769.40	\$3.00	\$5,308.20	\$2.00	\$3,538.80	\$2.00	\$3,538.80		
544.21	REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F)	LB	112.60	\$5.00	\$563.00	\$3.50	\$394.10	\$5.00	\$563.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	44.00	\$146.00	\$6,424.00	\$150.00	\$6,600.00	\$150.00	\$6,600.00		
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$605.00	\$30,250.00	\$650.00	\$32,500.00	\$700.00	\$35,000.00		
562.1	SILICONE JOINT SEALANT (F)	LF	8.00	\$51.50	\$412.00	\$25.00	\$200.00	\$10.00	\$80.00		
565.92	BRIDGE APPROACH RAIL, ASYMMETRICAL THRIE BEAM TRANSITION (STEEL POSTS)	U	2.00	\$2,970.00	\$5,940.00	\$2,800.00	\$5,600.00	\$2,500.00	\$5,000.00		
565.929	MOD. BRIDGE APPROACH RAIL ASSYMETRICAL THRIE BEAM TRANSITION (STEEL POST)	U	2.00	\$3,510.00	\$7,020.00	\$3,500.00	\$7,000.00	\$3,200.00	\$6,400.00		
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	975.00	\$17.80	\$17,355.00	\$17.00	\$16,575.00	\$17.00	\$16,575.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	4.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	380.00	\$25.80	\$9,804.00	\$45.00	\$17,100.00	\$25.00	\$9,500.00		

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$3,810.00	\$7,620.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00		
609.5	RESET GRANITE CURB	LF	20.00	\$54.00	\$1,080.00	\$30.00	\$600.00	\$40.00	\$800.00		
609.55	RESET GRANITE CURB (BRIDGE)	LF	20.00	\$86.40	\$1,728.00	\$30.00	\$600.00	\$80.00	\$1,600.00		
616.161	TRAFFIC SIGNALS (TEMP.)	U	1.00	\$23,800.00	\$23,800.00	\$15,000.00	\$15,000.00	\$17,500.00	\$17,500.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
618.7	FLAGGERS	HR	800.00	\$27.00	\$21,600.00	\$22.00	\$17,600.00	\$26.50	\$21,200.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$23,700.00	\$23,700.00	\$15,000.00	\$15,000.00	\$37,500.00	\$37,500.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	15.00	\$4.00	\$60.00	\$4.00	\$60.00	\$5.00	\$75.00		
621.31	SINGLE DELINEATOR WITH POST	EA	15.00	\$43.20	\$648.00	\$40.00	\$600.00	\$30.00	\$450.00		
628.2	SAVED BITUMINOUS PAVEMENT	LF	186.00	\$3.00	\$558.00	\$4.00	\$744.00	\$2.00	\$372.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,664.00	\$0.55	\$3,665.20	\$0.25	\$1,666.00	\$0.53	\$3,531.92		
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	24.00	\$5.00	\$120.00	\$10.00	\$240.00	\$5.25	\$126.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	30.00	\$21.60	\$648.00	\$15.00	\$450.00	\$22.00	\$660.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,600.00	\$0.80	\$2,080.00	\$1.50	\$3,900.00	\$0.80	\$2,080.00		
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	54.00	\$6.00	\$324.00	\$10.00	\$540.00	\$6.50	\$351.00		
645.531	SILT FENCE	LF	500.00	\$3.00	\$1,500.00	\$3.00	\$1,500.00	\$3.00	\$1,500.00		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,120.00	\$4.00	\$4,480.00	\$5.00	\$5,600.00	\$2.00	\$2,240.00		
692	MOBILIZATION	U	1.00	\$36,100.00	\$36,100.00	\$47,111.60	\$47,111.60	\$60,000.00	\$60,000.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,180.00	\$9,440.00	\$800.00	\$6,400.00	\$750.00	\$6,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
					\$441,409.60		\$479,315.00		\$479,837.72

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
202.7	REMOVAL OF GUARDRAIL	LF	850.00	\$2.00	\$1,700.00		
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	4.00	\$1,650.00	\$6,600.00		
304.3	CRUSHED GRAVEL (F)	CY	6.00	\$50.00	\$300.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350.00	\$100.00	\$35,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	5.00	\$330.00	\$1,650.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	2,925.00	\$1.00	\$2,925.00		
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	735.00	\$1.00	\$735.00		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	36.00	\$300.00	\$10,800.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	3,500.00	\$5.00	\$17,500.00		
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$50,000.00	\$50,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	14.00	\$50.00	\$700.00		
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	632.00	\$20.00	\$12,640.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	63.00	\$375.00	\$23,625.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	17.00	\$600.00	\$10,200.00		
520.01	CONCRETE CLASS AA	CY	11.00	\$1,000.00	\$11,000.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	13.00	\$1,350.00	\$17,550.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	11.50	\$125.00	\$1,437.50		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	17.00	\$35.00	\$595.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	626.00	\$25.00	\$15,650.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	50.00	\$10.00	\$500.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	1,769.40	\$3.00	\$5,308.20		
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	112.60	\$10.00	\$1,126.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	44.00	\$150.00	\$6,600.00		
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$850.00	\$42,500.00		
562.1	SILICONE JOINT SEALANT (F)	LF	8.00	\$10.00	\$80.00		
565.92	BRIDGE APPROACH RAIL, ASYMMETRICAL THRIE BEAM TRANSITION (STEEL POSTS)	U	2.00	\$3,000.00	\$6,000.00		
565.929	MOD. BRIDGE APPROACH RAIL ASSYMETRICAL THRIE BEAM TRANSITION (STEEL POST)	U	2.00	\$3,500.00	\$7,000.00		
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	975.00	\$17.00	\$16,575.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	4.00	\$2,000.00	\$8,000.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	380.00	\$50.00	\$19,000.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$2,000.00	\$4,000.00		
609.5	RESET GRANITE CURB	LF	20.00	\$50.00	\$1,000.00		
609.55	RESET GRANITE CURB (BRIDGE)	LF	20.00	\$50.00	\$1,000.00		
616.161	TRAFFIC SIGNALS (TEMP.)	U	1.00	\$20,000.00	\$20,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	6,000.00	\$1.00	\$6,000.00		
618.7	FLAGGERS	HR	800.00	\$21.00	\$16,800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	15.00	\$5.00	\$75.00		
621.31	SINGLE DELINEATOR WITH POST	EA	15.00	\$45.00	\$675.00		
628.2	SAVED BITUMINOUS PAVEMENT	LF	186.00	\$4.00	\$744.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,664.00	\$0.50	\$3,332.00		
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	24.00	\$5.00	\$120.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	30.00	\$20.00	\$600.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,600.00	\$0.75	\$1,950.00		
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	54.00	\$6.00	\$324.00		
645.531	SILT FENCE	LF	500.00	\$3.00	\$1,500.00		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,120.00	\$4.00	\$4,480.00		
692	MOBILIZATION	U	1.00	\$45,000.00	\$45,000.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
698.13	FIELD OFFICE TYPE C	MON	8.00	\$700.00	\$5,600.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00		
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00		
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00		
					\$488,496.70		

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
202.7	REMOVAL OF GUARDRAIL	LF	850.00	\$1.00	\$850.00	\$2.00	\$1,700.00	(\$850.00)
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	4.00	\$773.00	\$3,092.00	\$900.00	\$3,600.00	(\$508.00)
304.3	CRUSHED GRAVEL (F)	CY	6.00	\$82.40	\$494.40	\$65.00	\$390.00	\$104.40
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350.00	\$97.20	\$34,020.00	\$150.00	\$52,500.00	(\$18,480.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	5.00	\$459.00	\$2,295.00	\$350.00	\$1,750.00	\$545.00
403.6	PAVEMENT JOINT ADHESIVE	LF	2,925.00	\$1.00	\$2,925.00	\$1.00	\$2,925.00	\$0.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	735.00	\$8.00	\$5,880.00	\$1.10	\$808.50	\$5,071.50
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	36.00	\$297.00	\$10,692.00	\$215.00	\$7,740.00	\$2,952.00
417	COLD PLANING BITUMINOUS SURFACES	SY	3,500.00	\$3.00	\$10,500.00	\$6.00	\$21,000.00	(\$10,500.00)
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$31,100.00	\$31,100.00	\$40,000.00	\$40,000.00	(\$8,900.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	14.00	\$51.50	\$721.00	\$50.00	\$700.00	\$21.00
511.00	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	632.00	\$14.40	\$9,100.80	\$18.00	\$11,376.00	(\$2,275.20)
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	63.00	\$309.00	\$19,467.00	\$300.00	\$18,900.00	\$567.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	17.00	\$412.00	\$7,004.00	\$500.00	\$8,500.00	(\$1,496.00)
520.01	CONCRETE CLASS AA	CY	11.00	\$1,130.00	\$12,430.00	\$1,200.00	\$13,200.00	(\$770.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	13.00	\$1,130.00	\$14,690.00	\$1,400.00	\$18,200.00	(\$3,510.00)
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	11.50	\$61.80	\$710.70	\$75.00	\$862.50	(\$151.80)

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	
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	17.00	\$51.50	\$875.50	\$50.00	\$850.00	\$25.50	
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	626.00	\$24.80	\$15,524.80	\$20.00	\$12,520.00	\$3,004.80	
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	50.00	\$16.20	\$810.00	\$10.00	\$500.00	\$310.00	
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	1,769.40	\$3.00	\$5,308.20	\$3.00	\$5,308.20	\$0.00	
544.21	REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F)	LB	112.60	\$5.00	\$563.00	\$5.00	\$563.00	\$0.00	
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	44.00	\$146.00	\$6,424.00	\$125.00	\$5,500.00	\$924.00	
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	50.00	\$605.00	\$30,250.00	\$650.00	\$32,500.00	(\$2,250.00)	
562.1	SILICONE JOINT SEALANT (F)	LF	8.00	\$51.50	\$412.00	\$20.00	\$160.00	\$252.00	
565.92	BRIDGE APPROACH RAIL, ASYMMETRICAL THRIE BEAM TRANSITION (STEEL POSTS)	U	2.00	\$2,970.00	\$5,940.00	\$2,500.00	\$5,000.00	\$940.00	
565.929	MOD. BRIDGE APPROACH RAIL ASSYMETRICAL THRIE BEAM TRANSITION (STEEL POST)	U	2.00	\$3,510.00	\$7,020.00	\$2,600.00	\$5,200.00	\$1,820.00	
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	975.00	\$17.80	\$17,355.00	\$18.00	\$17,550.00	(\$195.00)	
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	4.00	\$2,000.00	\$8,000.00	\$1,750.00	\$7,000.00	\$1,000.00	
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	380.00	\$25.80	\$9,804.00	\$35.00	\$13,300.00	(\$3,496.00)	

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	Difference	
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$3,810.00	\$7,620.00	\$4,000.00	\$8,000.00	(\$380.00)	
609.5	RESET GRANITE CURB	LF	20.00	\$54.00	\$1,080.00	\$25.00	\$500.00	\$580.00	
609.55	RESET GRANITE CURB (BRIDGE)	LF	20.00	\$86.40	\$1,728.00	\$65.00	\$1,300.00	\$428.00	
616.161	TRAFFIC SIGNALS (TEMP.)	U	1.00	\$23,800.00	\$23,800.00	\$20,000.00	\$20,000.00	\$3,800.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$0.00	
618.7	FLAGGERS	HR	800.00	\$27.00	\$21,600.00	\$21.00	\$16,800.00	\$4,800.00	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$23,700.00	\$23,700.00	\$11,000.00	\$11,000.00	\$12,700.00	
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	15.00	\$4.00	\$60.00	\$10.00	\$150.00	(\$90.00)	
621.31	SINGLE DELINEATOR WITH POST	EA	15.00	\$43.20	\$648.00	\$35.00	\$525.00	\$123.00	
628.2	SAWED BITUMINOUS PAVEMENT	LF	186.00	\$3.00	\$558.00	\$3.00	\$558.00	\$0.00	
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	6,664.00	\$0.55	\$3,665.20	\$0.40	\$2,665.60	\$999.60	
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	24.00	\$5.00	\$120.00	\$3.50	\$84.00	\$36.00	
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	30.00	\$21.60	\$648.00	\$7.00	\$210.00	\$438.00	
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	2,600.00	\$0.80	\$2,080.00	\$0.80	\$2,080.00	\$0.00	
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	54.00	\$6.00	\$324.00	\$2.50	\$135.00	\$189.00	
645.531	SILT FENCE	LF	500.00	\$3.00	\$1,500.00	\$3.50	\$1,750.00	(\$250.00)	
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,120.00	\$4.00	\$4,480.00	\$7.50	\$8,400.00	(\$3,920.00)	
692	MOBILIZATION	U	1.00	\$36,100.00	\$36,100.00	\$35,000.00	\$35,000.00	\$1,100.00	

A - PS&E Comparison

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Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,180.00	\$9,440.00	\$1,500.00	\$12,000.00	(\$2,560.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
					\$441,409.60		\$459,260.80	(\$17,851.20)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/22/2015

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: Donna Bickford PHONE (A/C, No, Ext): (603) 224-2562 E-MAIL ADDRESS: dbickford@rowleyagency.com	FAX (A/C, No): (603) 224-8012
	INSURER(S) AFFORDING COVERAGE	
INSURED State of NH-Dept. of Transportation c/o Alvin J Coleman & Son Inc 9 NH Route 113 Conway NH 03818-9505	INSURER A: Liberty Mutual Fire Ins. Co.	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 15-16 OCP-NHDOT Milton **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 <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors			TF2111261307-125	10/22/2015	10/22/2016	EACH OCCURRENCE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		DAMAGE TO RENTED PREMISES (Ea occurrence) \$				
			MED EXP (Any one person) \$				
			PERSONAL & ADV INJURY \$				
		GENERAL AGGREGATE \$ 3,000,000					
		PRODUCTS - COMP/OP AGG \$					
		\$					
AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS							COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$							EACH OCCURRENCE \$ AGGREGATE \$ \$
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N	N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 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)
Project: Rehabilitation of the bridge tha carries Applebee Road over the Branch River and associated work on the roadway approaches to the bridge.

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 Donna Bickford/DTB <i>Donna L. Bickford</i>
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