



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
March 16, 2016

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 Busby Construction, Co., Inc. (Vendor 155275) of Belmont, NH on the basis of a single bid of \$1,267,762.00, for improvements along NH Route 101 (Elm Street), from Wilton Road approximately 2,750 feet east towards NH Route 101 Bypass, from the date of Governor and Council approval through October 28, 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	\$500,000.00	\$767,762.00

2. Further authorize that a contingency in the amount of \$101,420.96 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 8% 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	\$40,000.00	61,420.96

EXPLANATION

This project is part of the State's Ten Year Plan, under the parent project Wilton-Milford-Amherst-Bedford 13692. This project is a result of a 2002 corridor study that examined NH 101 from Wilton to Bedford. This segment of NH 101, from Wilton Road to the Milford Bypass, was identified as a high priority for safety improvements. With average daily traffic over 21,000 vehicles, 60 accidents occurred between Wilton Road and Jones Road (250 ft east of the project limits) between 2002 and 2011, primarily due to the high number of turning conflicts entering and exiting the commercial properties along the south (commercial) side of the roadway.

Proposed work consists of reclamation of the existing pavement, full width, as well as a step box widening along the south (commercial) side of the roadway. The end result will provide a 12-foot wide two way center turn lane, two 12-foot lanes, a 5-foot shoulder along the north (river) side and a consistent 10-foot wide shoulder along the south (commercial) side. The project also includes curb installation along the south (commercial) side for access control, as well as drainage and limited signal (loop replacement only) upgrades. Guardrail replacement extends an additional 800 feet east beyond the limit of roadway work.

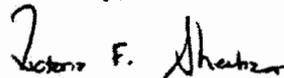
The contingency amount is proposed to be 8% of the contract amount and is required as the work includes excavation in close proximity to sites of known contamination and has a higher risk of cost overruns due to the potential for contaminated soils and groundwater to remediate.

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: \$1,275,000.00
Contract Amount: \$1,267,762.00
Under Estimate: \$ 7,238.00
Attachments

December 21, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project will address safety concerns along NH Route 101 (Elm Street), from Wilton Road approximately 2,750 feet east towards NH Route 101 Bypass, through roadway widening and lane reconfiguration. Proposed work consists of reclamation of the existing pavement, full width, as well as a step box widening along the south (commercial) side of the roadway. The end result will provide a 12-foot wide two way center turn lane, two 12-foot lanes, a 5-foot shoulder along the north (river) side and a consistent 10-foot wide shoulder along the south (commercial) side. The project also includes curb installation along the south (commercial) side for access control, as well as drainage and limited signal (loop replacement only) upgrades. Guardrail replacement extends an additional 800 feet east beyond the limit of roadway work.

FEDERAL FUNDING: 80% (Federal) with anticipated utilization of Toll Credits for the State's 20% match.

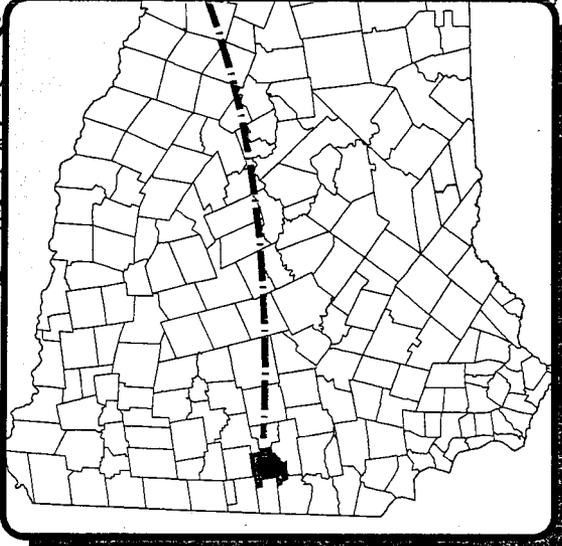
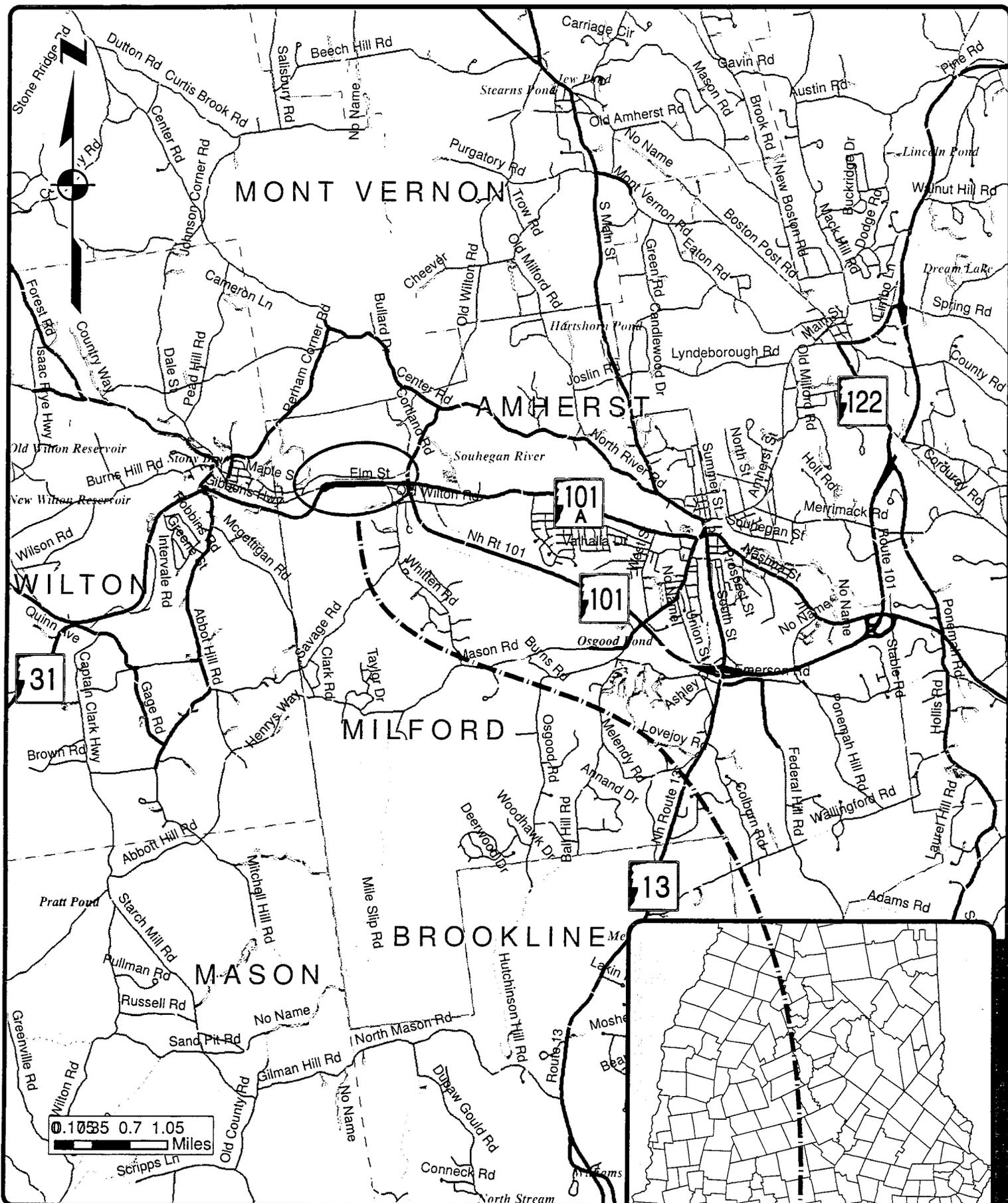
CONTINGENCY: The contingency amount is proposed to be 8% of the contract amount. The work includes excavation in close proximity to sites of known contamination and has a higher risk of cost overruns due to the potential for contaminated soils and groundwater to remediate. This project is a single season contract, with fixed limits. Adjusting work limits to offset quantity overruns is neither feasible nor practical.

PROJECT INITIATED: State's Ten Year Plan, under the parent project Wilton-Milford-Amherst-Bedford 13692.

PROJECT EXPLANATION: This project is a result of a 2002 corridor study that examined NH 101 from Wilton to Bedford. This segment of NH 101, from Wilton Road to the Milford Bypass, was identified as a high priority for safety improvements. With average daily traffic over 21,000 vehicles, 60 accidents occurred between Wilton Road and Jones Road (250 ft east of the project limits) between 2002 and 2011, primarily due to the high number of turning conflicts entering and exiting the commercial properties along the south (commercial) side of the roadway.

TRAFFIC IMPLICATION: This project will be constructed using night work, with one-lane, alternating two-way traffic permitted from 8:30 pm to 5:30 am. Limited work may be performed outside these hours, but will require two lane, two way traffic to be maintained. To promote safer working conditions within the construction zone, Portable Changeable Message Signs shall be used.

FINAL COMPLETION DATE: October 28, 2016.



MILFORD 13692B X-A003(007)

NH 101 (Elm Street) 2,750 LF

Safety improvements from the Wilton Road/NH 101(Elm Street) intersection and continuing east 2750 feet.

This project is part of the overall Wilton to Bedford 13692 Corridor Study completed in 2002.

**State of New Hampshire
Department of Transportation**

13692B.01

Project: MILFORD X-A003(007) 13692B
County and Code: HILLSBOROUGH COUNTY 011
Date Bids Open: March 9, 2016
Scope of Work: ROADWAY REHABILITATION
Location: NH ROUTE 101 IN MILFORD
Completion Date: October 28, 2016

A BUSBY CONSTRUCTION CO., INC.
71 NH ROUTE 111 ATKINSON, NH 03811

\$1,267,762.00

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
202.6	CURB REMOVAL FOR STORAGE	LF	560.00	\$3.50	\$1,960.00		
202.7	REMOVAL OF GUARDRAIL	LF	1,112.50	\$1.50	\$1,668.75		
203.1	COMMON EXCAVATION	CY	1,600.00	\$14.00	\$22,400.00		
203.35	HANDLING EXCAVATED, CONTAMINATED SOILS (DEPARTMENT DISPOSAL)	CY	1,100.00	\$15.20	\$16,720.00		
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	2.00	\$950.00	\$1,900.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	215.00	\$7.50	\$1,612.50		
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$17.90	\$179.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	30.00	\$45.00	\$1,350.00		
214	FINE GRADING	U	1.00	\$17,000.00	\$17,000.00		
304.3	CRUSHED GRAVEL (F)	CY	770.00	\$30.00	\$23,100.00		
304.35	CRUSHED GRAVEL FOR DRIVES	CY	560.00	\$35.00	\$19,600.00		
306.212	RECLAIMED STABILIZED BASE REMOVED AND REHANDLED 12 IN DEEP (F)	SY	13,700.00	\$6.40	\$87,680.00		
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,150.00	\$65.00	\$334,750.00		
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,350.00	\$73.00	\$98,550.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	370.00	\$113.00	\$41,810.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	1,350.00	\$1.50	\$2,025.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	33,700.00	\$0.25	\$8,425.00		
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	85.00	\$113.00	\$9,605.00		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	1,370.00	\$3.15	\$4,315.50		
417	COLD PLANING BITUMINOUS SURFACES	SY	600.00	\$13.00	\$7,800.00		
603.0001	VIDEO INSPECTION	LF	590.00	\$2.00	\$1,180.00		
603.00215	15" R.C. PIPE, 2000D	LF	510.00	\$57.00	\$29,070.00		
603.11015	15" CORR. STEEL PIPE, .064"	LF	15.00	\$60.00	\$900.00		
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$157.00	\$314.00		
603.82212	12" PE PIPE (TYPE S)	LF	70.00	\$41.00	\$2,870.00		
604.0007	POLYETHYLENE LINER	EA	15.00	\$175.00	\$2,625.00		
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	12.00	\$2,300.00	\$27,600.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	5.00	\$350.00	\$1,750.00		
604.6	MANHOLE COVERS & FRAMES	EA	1.00	\$685.00	\$685.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	2.00	\$1,950.00	\$3,900.00		
606.15809	STEEL BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	3,025.00	\$16.70	\$50,517.50		
609.01	STRAIGHT GRANITE CURB	LF	1,250.00	\$19.00	\$23,750.00		
609.02	CURVED GRANITE CURB	LF	120.00	\$29.00	\$3,480.00		
609.5	RESET GRANITE CURB	LF	130.00	\$8.65	\$1,124.50		
609.924	SPECIAL STRAIGHT GRANITE CURB (REVEAL UP TO 12")	LF	85.00	\$37.50	\$3,187.50		
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	2.00	\$177.00	\$354.00		
611.951	WATER MAIN INSULATION	SY	290.00	\$20.00	\$5,800.00		
615.0301	TRAFFIC SIGN TYPE C	SF	95.00	\$42.50	\$4,037.50		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	25.00	\$81.00	\$2,025.00		
615.0601	TRAFFIC SIGN TYPE CC	SF	25.00	\$16.00	\$400.00		
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$21,200.00	\$21,200.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	17,000.00	\$1.00	\$17,000.00		
618.7	FLAGGERS	HR	2,200.00	\$24.00	\$52,800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$36,000.00	\$36,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$5,200.00	\$10,400.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	35.00	\$4.30	\$150.50		
621.31	SINGLE DELINEATOR WITH POST	EA	35.00	\$38.50	\$1,347.50		
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$42.50	\$42.50		
622.1	STEEL WITNESS MARKERS	EA	5.00	\$27.00	\$135.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,150.00	\$1.65	\$1,897.50		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	27,000.00	\$0.16	\$4,320.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	680.00	\$0.70	\$476.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	75.00	\$2.65	\$198.75		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	390.00	\$5.95	\$2,320.50		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	205.00	\$0.70	\$143.50		

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Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	40.00	\$1.00	\$40.00		
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	40.00	\$1.05	\$42.00		
641	LOAM	CY	155.00	\$27.00	\$4,185.00		
644.82	SALT-TOLERANT GRASS SEED, TYPE 82	LB	15.00	\$42.00	\$630.00		
645.3	EROSION STONE	TON	20.00	\$35.00	\$700.00		
645.41	TEMPORARY SLOPE STABILIZATION TYPE A	SY	2,650.00	\$1.40	\$3,710.00		
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	590.00	\$1.75	\$1,032.50		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,600.00	\$3.65	\$9,490.00		
645.531	SILT FENCE	LF	2,600.00	\$2.40	\$6,240.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,600.00	\$2,600.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	240.00	\$64.00	\$15,360.00		
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	0.70	\$2,300.00	\$1,610.00		
647.1	HUMUS	CY	210.00	\$19.00	\$3,990.00		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	15.00	\$150.00	\$2,250.00		
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	3.00	\$210.00	\$630.00		
670.1611	DISCHARGE PERMIT FOR TREATING CONTAMINATED WATER	U	1.00	\$4,500.00	\$4,500.00		
692	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,500.00	\$3,500.00		

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
698.14	FIELD OFFICE TYPE D	MON	9.00	\$1,800.00	\$16,200.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00		
1008.831	ALTERATIONS AND ADDITIONS AS NEEDED - GNSS MACHINE CONTROL GRADING	\$	5,000.00	\$1.00	\$5,000.00		
1008.832	ALTERATIONS AND ADDITIONS AS NEEDED - GNSS CONSTR INSPECTION EQUIPMENT	\$	25,000.00	\$1.00	\$25,000.00		
1009.21	TREATMENT OR DISPOSAL OF CONTAMINATED GROUNDWATER (FRAC TANK)	\$	10,000.00	\$1.00	\$10,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	20,600.00	\$1.00	\$20,600.00		
							\$1,267,762.00

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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	
202.6	CURB REMOVAL FOR STORAGE	LF	560.00	\$3.50	\$1,960.00	\$5.25	\$2,940.00	(\$980.00)
202.7	REMOVAL OF GUARDRAIL	LF	1,112.50	\$1.50	\$1,668.75	\$1.20	\$1,335.00	\$333.75
203.1	COMMON EXCAVATION	CY	1,600.00	\$14.00	\$22,400.00	\$8.30	\$13,280.00	\$9,120.00
203.35	HANDLING EXCAVATED, CONTAMINATED SOILS (DEPARTMENT DISPOSAL)	CY	1,100.00	\$15.20	\$16,720.00	\$20.00	\$22,000.00	(\$5,280.00)
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	2.00	\$950.00	\$1,900.00	\$1,100.00	\$2,200.00	(\$300.00)
203.6	EMBANKMENT-IN-PLACE (F)	CY	215.00	\$7.50	\$1,612.50	\$10.00	\$2,150.00	(\$537.50)
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$17.90	\$179.00	\$20.00	\$200.00	(\$21.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	30.00	\$45.00	\$1,350.00	\$50.00	\$1,500.00	(\$150.00)
214	FINE GRADING	U	1.00	\$17,000.00	\$17,000.00	\$20,000.00	\$20,000.00	(\$3,000.00)
304.3	CRUSHED GRAVEL (F)	CY	770.00	\$30.00	\$23,100.00	\$28.00	\$21,560.00	\$1,540.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	560.00	\$35.00	\$19,600.00	\$35.00	\$19,600.00	\$0.00
306.212	RECLAIMED STABILIZED BASE REMOVED AND REHANDLED 12 IN DEEP (F)	SY	13,700.00	\$6.40	\$87,680.00	\$1.40	\$19,180.00	\$68,500.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,150.00	\$65.00	\$334,750.00	\$77.00	\$396,550.00	(\$61,800.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,350.00	\$73.00	\$98,550.00	\$100.00	\$135,000.00	(\$36,450.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	370.00	\$113.00	\$41,810.00	\$120.00	\$44,400.00	(\$2,590.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	1,350.00	\$1.50	\$2,025.00	\$1.70	\$2,295.00	(\$270.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	33,700.00	\$0.25	\$8,425.00	\$0.25	\$8,425.00	\$0.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	85.00	\$113.00	\$9,605.00	\$82.00	\$6,970.00	\$2,635.00

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
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	1,370.00	\$3.15	\$4,315.50	\$3.80	\$5,206.00	(\$890.50)
417	COLD PLANING BITUMINOUS SURFACES	SY	600.00	\$13.00	\$7,800.00	\$1.75	\$1,050.00	\$6,750.00
603.0001	VIDEO INSPECTION	LF	590.00	\$2.00	\$1,180.00	\$1.25	\$737.50	\$442.50
603.00215	15" R.C. PIPE, 2000D	LF	510.00	\$57.00	\$29,070.00	\$67.45	\$34,399.50	(\$5,329.50)
603.11015	15" CORR. STEEL PIPE, .064"	LF	15.00	\$60.00	\$900.00	\$60.00	\$900.00	\$0.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$157.00	\$314.00	\$273.00	\$546.00	(\$232.00)
603.82212	12" PE PIPE (TYPE S)	LF	70.00	\$41.00	\$2,870.00	\$50.00	\$3,500.00	(\$630.00)
604.0007	POLYETHYLENE LINER	EA	15.00	\$175.00	\$2,625.00	\$150.00	\$2,250.00	\$375.00
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	12.00	\$2,300.00	\$27,600.00	\$2,200.00	\$26,400.00	\$1,200.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	5.00	\$350.00	\$1,750.00	\$415.00	\$2,075.00	(\$325.00)
604.6	MANHOLE COVERS & FRAMES	EA	1.00	\$685.00	\$685.00	\$475.00	\$475.00	\$210.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	2.00	\$1,950.00	\$3,900.00	\$1,665.00	\$3,330.00	\$570.00
606.15809	STEEL BEAM GUARDRAIL, 7'-6" STEEL POSTS (NU-GUARD-31)	LF	3,025.00	\$16.70	\$50,517.50	\$23.00	\$69,575.00	(\$19,057.50)
609.01	STRAIGHT GRANITE CURB	LF	1,250.00	\$19.00	\$23,750.00	\$24.00	\$30,000.00	(\$6,250.00)
609.02	CURVED GRANITE CURB	LF	120.00	\$29.00	\$3,480.00	\$36.00	\$4,320.00	(\$840.00)
609.5	RESET GRANITE CURB	LF	130.00	\$8.65	\$1,124.50	\$12.00	\$1,560.00	(\$435.50)
609.924	SPECIAL STRAIGHT GRANITE CURB (REVEAL UP TO 12")	LF	85.00	\$37.50	\$3,187.50	\$100.00	\$8,500.00	(\$5,312.50)
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	2.00	\$177.00	\$354.00	\$350.00	\$700.00	(\$346.00)
611.951	WATER MAIN INSULATION	SY	290.00	\$20.00	\$5,800.00	\$20.00	\$5,800.00	\$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	
615.0301	TRAFFIC SIGN TYPE C	SF	95.00	\$42.50	\$4,037.50	\$60.00	\$5,700.00	(\$1,662.50)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	25.00	\$81.00	\$2,025.00	\$25.00	\$625.00	\$1,400.00
615.0601	TRAFFIC SIGN TYPE CC	SF	25.00	\$16.00	\$400.00	\$10.00	\$250.00	\$150.00
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$21,200.00	\$21,200.00	\$15,000.00	\$15,000.00	\$6,200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	17,000.00	\$1.00	\$17,000.00	\$1.00	\$17,000.00	\$0.00
618.7	FLAGGERS	HR	2,200.00	\$24.00	\$52,800.00	\$25.00	\$55,000.00	(\$2,200.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$36,000.00	\$36,000.00	\$24,000.00	\$24,000.00	\$12,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$5,200.00	\$10,400.00	\$3,300.00	\$6,600.00	\$3,800.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	35.00	\$4.30	\$150.50	\$5.00	\$175.00	(\$24.50)
621.31	SINGLE DELINEATOR WITH POST	EA	35.00	\$38.50	\$1,347.50	\$40.00	\$1,400.00	(\$52.50)
621.32	DOUBLE DELINEATOR WITH POST	EA	1.00	\$42.50	\$42.50	\$40.00	\$40.00	\$2.50
622.1	STEEL WITNESS MARKERS	EA	5.00	\$27.00	\$135.00	\$30.00	\$150.00	(\$15.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,150.00	\$1.65	\$1,897.50	\$2.00	\$2,300.00	(\$402.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	27,000.00	\$0.16	\$4,320.00	\$0.20	\$5,400.00	(\$1,080.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	680.00	\$0.70	\$476.00	\$1.25	\$850.00	(\$374.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	75.00	\$2.65	\$198.75	\$5.00	\$375.00	(\$176.25)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	390.00	\$5.95	\$2,320.50	\$9.20	\$3,588.00	(\$1,267.50)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	205.00	\$0.70	\$143.50	\$0.60	\$123.00	\$20.50

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
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	40.00	\$1.00	\$40.00	\$1.25	\$50.00	(\$10.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	40.00	\$1.05	\$42.00	\$2.00	\$80.00	(\$38.00)
641	LOAM	CY	155.00	\$27.00	\$4,185.00	\$30.00	\$4,650.00	(\$465.00)
644.82	SALT-TOLERANT GRASS SEED, TYPE 82	LB	15.00	\$42.00	\$630.00	\$40.00	\$600.00	\$30.00
645.3	EROSION STONE	TON	20.00	\$35.00	\$700.00	\$25.00	\$500.00	\$200.00
645.41	TEMPORARY SLOPE STABILIZATION TYPE A	SY	2,650.00	\$1.40	\$3,710.00	\$1.70	\$4,505.00	(\$795.00)
645.43	TEMPORARY SLOPE STABILIZATION TYPE C	SY	590.00	\$1.75	\$1,032.50	\$2.00	\$1,180.00	(\$147.50)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,600.00	\$3.65	\$9,490.00	\$5.00	\$13,000.00	(\$3,510.00)
645.531	SILT FENCE	LF	2,600.00	\$2.40	\$6,240.00	\$2.75	\$7,150.00	(\$910.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,600.00	\$2,600.00	\$3,500.00	\$3,500.00	(\$900.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	240.00	\$64.00	\$15,360.00	\$50.00	\$12,000.00	\$3,360.00
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	0.70	\$2,300.00	\$1,610.00	\$2,000.00	\$1,400.00	\$210.00
647.1	HUMUS	CY	210.00	\$19.00	\$3,990.00	\$20.00	\$4,200.00	(\$210.00)
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	15.00	\$150.00	\$2,250.00	\$180.00	\$2,700.00	(\$450.00)
670.0661	MULTIPLE MAILBOXES SUPPORT ASSEMBLIES	EA	3.00	\$210.00	\$630.00	\$300.00	\$900.00	(\$270.00)
670.1611	DISCHARGE PERMIT FOR TREATING CONTAMINATED WATER	U	1.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$1,500.00
692	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00	\$30,000.00	\$30,000.00	\$35,000.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$500.00

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	
698.14	FIELD OFFICE TYPE D	MON	9.00	\$1,800.00	\$16,200.00	\$1,500.00	\$13,500.00	\$2,700.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00
1008.831	ALTERATIONS AND ADDITIONS AS NEEDED - GNSS MACHINE CONTROL GRADING	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.832	ALTERATIONS AND ADDITIONS AS NEEDED - GNSS CONSTR INSPECTION EQUIPMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1009.21	TREATMENT OR DISPOSAL OF CONTAMINATED GROUNDWATER (FRAC TANK)	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	20,600.00	\$1.00	\$20,600.00	\$1.00	\$20,600.00	\$0.00
					\$1,267,762.00		\$1,275,000.00	(\$7,238.00)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/14/2016

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 FAX (A/C, No): (603) 224-8012 E-MAIL ADDRESS: dbickford@rowleyagency.com	
INSURED Busby Construction Co., Inc. 71 Route 111 Atkinson NH 03811	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Firemen's Ins Co of Wash. DC	21784
	INSURER B: Acadia Insurance Company	31325
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:			CPA150089424	6/7/2015	6/7/2016	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 Employee Benefits \$ 1,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CAA150089524	6/7/2015	6/7/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUA150089624	6/7/2015	6/7/2016	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WPA150089725 3A STATES: NH MA NO EXCLUDED OFFICERS	6/7/2015	6/7/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L EACH ACCIDENT \$ 1,000,000 E.L DISEASE - EA EMPLOYEE \$ 1,000,000 E.L DISEASE - POLICY LIMIT \$ 1,000,000
A	LEASED/RENTED EQUIPMENT/ACV HIRED AUTO-PHYSICAL DAM/ACV			CIM015598120 CAA150089524	6/7/2015 6/7/2015	6/7/2016 6/7/2016	LIMIT \$1,200,000 LIMIT 50,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Job: Milford X-A003(007), 13692B - Reclamation of the existing pavement, full width, as a step box widening along the south side of the roadway.

CERTIFICATE HOLDER State of NH Dept. of Transportation P.O. 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 