



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
October 3, 2019

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 \$1,328,552.40 for intersection improvements on NH Route 16 at NH Routes 25 and 49 in Ossipee, from the date of Governor and Council approval through June 18, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2020 and Fiscal Year 2021 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 3 columns: Funding is available as follows, FY 2020, FY 2021. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$645,296.88 \$683,255.52

2. Further authorize that a contingency in the amount of \$92,998.69 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 7% of the contract amount.

Table with 3 columns: Funding is available as follows, FY 2020, FY 2021. Row 1: 04-96-96-963515-3054 Consolidated Federal Aid. Row 2: 400-500870 Highway Contract Payments \$92,998.69

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. The project is an intersection improvement project located on NH Route 16 in the Town of Ossipee and includes the NH Route 25 and NH Route 41 intersections. Work begins on NH 16 approximately 200 feet south of the NH 25 intersection and ends approximately 650 feet north of the NH 41 intersection, for a total project length of approximately 2,160 feet. Work on NH 25 extends approximately 300 feet west of NH 16, while work on NH 41 extends approximately 325 feet east of NH 16.

Improvements on NH 16 include step box widening and resurfacing to add left turn lanes and truck aprons at NH 41/Covered Bridge Road, a southbound right turn lane at NH 25, and a two way left turn

lane (TWLTL) between the two intersections. Signal upgrades and pedestrian facilities (sidewalk, ramps and crosswalks) are proposed at the NH 16/NH 25 intersection. Ancillary work includes drainage upgrades and construction of three stormwater treatment swales along NH 16.

This project will improve the operation and safety of NH 16 by modifying the pavement layout and lane configurations, improving the function of the existing signal at NH 16/NH 25, and removing conflicting left turns associated with access to adjacent commercial/retail properties from thru lanes.

The proposed contingency amount is 7% of the contract amount. This is to account for on-going studies have identified soil/groundwater contamination at the parcel in the northwest corner of NH 16/NH 41. Although work has been minimized in this area, and the project is not anticipated to encounter the impacted soil/groundwater, the cost and immediacy to manage such in the event they are encountered should be considered.

Although the bid costs exceeded the Department's estimate by 0.06% the low bid of 3 bids received is felt to be reasonable for the work involved. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

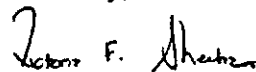
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 (Program: Non-Highway) with anticipated utilization of Turnpike Toll Credits as the State's 20% match, 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.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/pcj

Department Estimate: \$1,327,765.50  
Contract Amount: \$1,328,552.40  
Over Estimate: \$ 786.90  
Attachments



# ABC Bid Data

OSSIPEE  
13910  
X-A000(110)

PROJECT: OSSIPEE  
STATE PROJECT NUMBER: 13910  
FED. PROJECT NUMBER: X-A000(110)  
DATE BIDS OPEN: September 26, 2019,  
SCOPE OF WORK: Intersection improvements at NH 41 with NH 16 including NH 25.  
COMPLETION DATE: June 18, 2021  
LOCATION: Carroll

Awarded To: COLEMAN ALVIN J & SON  
INC  
9 NH ROUTE 113  
CONWAY, NH 03818-9505

Amount: \$1,328,552.40

Award Date:

Certified by: PETER.E.STAMNAS  
Director of Project Development

## Summary of Bidders

### Contractor

Contractor	Bid Amount	Rank
COLEMAN ALVIN J & SON INC 9 NH ROUTE 113 CONWAY NH 03818-9505	\$1,328,552.40	A
PIPER, R. M. INC. 141 SMITH BRIDGE RD, PO BOX 490, PLYMOUTH NH 03264-0490	\$1,416,338.15	B
WEAVER BROS CONST CO INC 1629 RTE 3A BOW NH 03304	\$1,475,944.15	C

Item No.	Description	Unit	Quantity	P&E		COLEMAN ALVIN J & SON INC 141 SMITH BRIDGE RD CONWAY, NH 03618-0305		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.1	CLEARING AND GRUBBING (F)	A	.05	\$35,000.00	\$1,750.00	\$42,710.00	\$2,135.50	\$20,000.00	\$1,000.00
201.21	REMOVING SMALL TREES	EA	1.00	\$400.00	\$400.00	\$801.00	\$801.00	\$500.00	\$500.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	15.00	\$30.00	\$450.00	\$53.40	\$801.00	\$10.00	\$150.00
202.6	CURB REMOVAL FOR SALVAGE	LF	635.00	\$6.00	\$3,810.00	\$6.40	\$4,084.00	\$3.00	\$1,905.00
203.1	COMMON EXCAVATION	CY	4,950.00	\$15.00	\$74,250.00	\$12.00	\$59,400.00	\$12.00	\$59,400.00
203.11	COMMON EXCAVATION - LRS	CY	1,020.00	\$15.00	\$15,300.00	\$13.50	\$13,770.00	\$25.00	\$25,500.00
203.53	LOW PERMEABILITY FILL (F)	CY	70.00	\$25.00	\$1,750.00	\$51.90	\$3,633.00	\$20.00	\$1,400.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	815.00	\$6.00	\$4,890.00	\$8.80	\$7,172.00	\$12.00	\$9,780.00
206.1	COMMON STRUCTURE EXCAVATION	CY	260.00	\$20.00	\$5,200.00	\$22.80	\$5,928.00	\$12.00	\$3,120.00
206.18	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$55.00	\$550.00	\$51.90	\$519.00	\$25.00	\$250.00
206.2	ROCK STRUCTURE EXCAVATION	CY	4.00	\$90.00	\$360.00	\$259.00	\$1,036.00	\$75.00	\$300.00
209.1	GRANULAR BACKFILL	CY	4.00	\$55.00	\$220.00	\$51.90	\$207.60	\$28.00	\$112.00
214.	FINE GRADING	U	1.00	\$12,000.00	\$12,000.00	\$17,270.00	\$17,270.00	\$16,000.00	\$16,000.00
304.1	SAND (F)	CY	1,320.00	\$25.00	\$33,000.00	\$22.00	\$29,040.00	\$23.50	\$31,020.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	35.00	\$35.00	\$1,225.00	\$26.00	\$910.00	\$30.00	\$1,050.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	220.00	\$35.00	\$7,700.00	\$31.10	\$6,842.00	\$36.00	\$7,920.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,400.00	\$34.00	\$47,600.00	\$30.00	\$42,000.00	\$30.00	\$42,000.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	1,510.00	\$34.00	\$51,340.00	\$30.00	\$45,300.00	\$30.00	\$45,300.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,105.00	\$80.00	\$88,400.00	\$96.10	\$106,190.50	\$95.00	\$104,975.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,375.00	\$85.00	\$116,875.00	\$101.00	\$138,875.00	\$100.00	\$137,500.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	260.00	\$120.00	\$31,200.00	\$139.00	\$36,140.00	\$135.00	\$35,100.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	2,480.00	\$2.50	\$6,200.00	\$2.65	\$6,572.00	\$2.75	\$6,820.00
403.6	PAVEMENT JOINT ADHESIVE	LF	14,980.00	\$0.30	\$4,494.00	\$0.25	\$3,745.00	\$0.28	\$4,194.40
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	980.00	\$3.00	\$2,940.00	\$4.80	\$4,704.00	\$5.00	\$4,900.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	335.00	\$90.00	\$30,150.00	\$90.80	\$30,418.00	\$90.00	\$30,150.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	11,500.00	\$4.00	\$46,000.00	\$2.65	\$30,475.00	\$2.75	\$31,625.00
520.1	CONCRETE CLASS A	CY	25.00	\$950.00	\$23,750.00	\$301.00	\$7,525.00	\$350.00	\$8,750.00
544.1	REINFORCING STEEL (ROADWAY)	LB	15.00	\$3.00	\$45.00	\$10.40	\$156.00	\$5.00	\$75.00
585.3	STONE FILL, CLASS C	CY	4.00	\$60.00	\$240.00	\$51.90	\$207.60	\$45.00	\$180.00
585.4	STONE FILL, CLASS D	CY	4.00	\$55.00	\$220.00	\$51.90	\$207.60	\$45.00	\$180.00

Item No.	Description	Unit	Quantity	PS&E		COLEMAN ALVIN J & SON INC 8 NH ROUTE 113 CONWAY, NH 03818-6505		PIPER, R. M. INC. 141 S WETH BRIDGE RD PLYMOUTH, NH 03284-0499	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
585.5	STONE FILL, CLASS E	CY	85.00	\$50.00	\$4,250.00	\$61.90	\$5,261.50	\$45.00	\$3,825.00
593.431	GEOTEXTILE; PERM CONTROL CL3, NON-WOVEN	SY	6.00	\$10.00	\$60.00	\$20.80	\$124.80	\$2.00	\$12.00
593.521	PVC GEOMEMBRANE LINER (40 MIL)	SY	1,015.00	\$10.00	\$10,150.00	\$11.20	\$11,368.00	\$11.00	\$11,165.00
603.0001	VIDEO INSPECTION	LF	285.00	\$5.00	\$1,425.00	\$5.45	\$1,553.25	\$5.00	\$1,425.00
603.00212	12" R.C. PIPE, 2000D	LF	70.00	\$40.00	\$2,800.00	\$80.60	\$5,642.00	\$120.00	\$8,400.00
603.00224	24" R.C. PIPE, 2000D	LF	20.00	\$140.00	\$2,800.00	\$95.40	\$1,908.00	\$130.00	\$2,600.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$200.00	\$400.00	\$182.00	\$384.00	\$500.00	\$1,000.00
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	85.00	\$50.00	\$4,250.00	\$51.90	\$4,411.50	\$60.00	\$5,100.00
603.80216	16" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	\$65.00	\$7,150.00	\$57.10	\$6,281.00	\$80.00	\$8,800.00
604.0007	POLYETHYLENE LINER	EA	8.00	\$150.00	\$1,200.00	\$270.00	\$2,160.00	\$225.00	\$1,800.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,000.00	\$3,000.00	\$2,595.00	\$2,595.00	\$2,650.00	\$2,650.00
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	4.50	\$3,000.00	\$13,500.00	\$3,015.00	\$13,567.50	\$3,200.00	\$14,400.00
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,500.00	\$2,500.00	\$2,170.00	\$2,170.00	\$2,400.00	\$2,400.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	\$3,000.00	\$6,000.00	\$2,255.00	\$4,510.00	\$3,000.00	\$6,000.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$450.00	\$4,500.00	\$463.00	\$4,630.00	\$550.00	\$5,500.00
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	4.00	\$350.00	\$1,400.00	\$290.00	\$1,160.00	\$550.00	\$2,200.00
604.6	MANHOLE COVERS & FRAMES	EA	2.00	\$550.00	\$1,100.00	\$690.00	\$1,380.00	\$750.00	\$1,500.00
604.72	GRATES & FRAMES, TYPE B	EA	2.00	\$550.00	\$1,100.00	\$690.00	\$1,380.00	\$650.00	\$1,300.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	435.00	\$20.00	\$8,700.00	\$19.50	\$8,482.50	\$25.00	\$10,875.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	4.00	\$450.00	\$1,800.00	\$405.00	\$1,620.00	\$300.00	\$1,200.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	285.00	\$20.00	\$5,300.00	\$26.70	\$7,075.50	\$30.00	\$7,950.00
608.24	4" CONCRETE SIDEWALK (F)	SY	90.00	\$60.00	\$5,400.00	\$47.00	\$4,230.00	\$55.00	\$4,950.00
608.38	6" REINFORCED CONCRETE SIDEWALK (F)	SY	260.00	\$60.00	\$15,600.00	\$59.80	\$15,548.00	\$68.00	\$17,680.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	15.00	\$400.00	\$6,000.00	\$337.00	\$5,055.00	\$360.00	\$5,400.00
609.01	STRAIGHT GRANITE CURB	LF	970.00	\$20.00	\$19,400.00	\$26.20	\$25,414.00	\$33.00	\$32,010.00
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	305.00	\$40.00	\$12,200.00	\$44.30	\$13,511.50	\$45.00	\$13,725.00
609.02	CURVED GRANITE CURB	LF	4.00	\$50.00	\$200.00	\$34.20	\$136.80	\$50.00	\$200.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	100.00	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	17.00	\$20.00	\$340.00	\$20.00	\$340.00	\$25.00	\$425.00
815.0201	TRAFFIC SIGN TYPE B	SF	65.00	\$35.00	\$2,275.00	\$53.40	\$3,471.00	\$125.00	\$8,125.00
815.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	200.00	\$200.00	\$40,000.00	\$107.00	\$21,400.00	\$150.00	\$30,000.00
815.023	REMOVING TRAFFIC SIGN TYPE B	U	20.00	\$100.00	\$2,000.00	\$267.00	\$5,340.00	\$360.00	\$7,200.00

Item No.	Description	Unit	Quantity	PS&E		COLEMAN ALVIN J & SON INC 9 NH ROUTE 113 CONWAY, NH 03818-0505		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-8480	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
615.0301	TRAFFIC SIGN TYPE C	SF	191.00	\$50.00	\$9,550.00	\$48.10	\$9,187.10	\$55.00	\$10,505.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	20.00	\$70.00	\$1,400.00	\$53.40	\$1,068.00	\$50.00	\$1,000.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	5.00	\$190.00	\$950.00	\$267.00	\$1,335.00	\$200.00	\$1,000.00
615.0601	TRAFFIC SIGN TYPE CC	SF	83.00	\$30.00	\$2,490.00	\$16.00	\$1,328.00	\$16.00	\$1,328.00
616.101	TRAFFIC SIGNALS	U	1.00	\$16,000.00	\$16,000.00	\$9,290.00	\$9,290.00	\$9,500.00	\$9,500.00
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$120,000.00	\$120,000.00	\$90,630.00	\$90,630.00	\$94,000.00	\$94,000.00
616.291	ALTERATIONS TO FLASHING BEACONS	U	1.00	\$15,000.00	\$15,000.00	\$12,810.00	\$12,810.00	\$13,500.00	\$13,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00
618.7	FLAGGERS	HR	2,200.00	\$35.00	\$77,000.00	\$42.70	\$93,940.00	\$40.00	\$88,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00	\$84,000.00	\$84,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	12.00	\$350.00	\$4,200.00	\$1,000.00	\$12,000.00	\$650.00	\$7,800.00
621.31	SINGLE DELINEATOR WITH POST	EA	50.00	\$35.00	\$1,750.00	\$48.10	\$2,405.00	\$33.00	\$1,650.00
622.1	STEEL WITNESS MARKERS	EA	6.00	\$28.00	\$168.00	\$53.40	\$320.40	\$20.00	\$120.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,090.00	\$1.50	\$1,635.00	\$5.35	\$5,831.50	\$2.50	\$2,725.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	46,500.00	\$0.25	\$11,625.00	\$0.15	\$6,975.00	\$0.28	\$13,020.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	535.00	\$1.50	\$802.50	\$1.05	\$561.75	\$2.25	\$1,203.75
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	360.00	\$1.10	\$396.00	\$1.60	\$576.00	\$3.25	\$1,170.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	140.00	\$5.00	\$700.00	\$8.55	\$1,197.00	\$7.50	\$1,050.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	360.00	\$8.00	\$2,880.00	\$10.70	\$3,852.00	\$11.00	\$3,960.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	470.00	\$3.50	\$1,645.00	\$2.40	\$1,128.00	\$1.90	\$893.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	340.00	\$5.00	\$1,700.00	\$5.20	\$1,768.00	\$4.50	\$1,530.00
645.631	SILT FENCE	LF	230.00	\$3.00	\$690.00	\$3.10	\$713.00	\$3.00	\$690.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$2,775.00	\$2,775.00	\$5,850.00	\$5,850.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	140.00	\$65.00	\$9,100.00	\$117.00	\$16,380.00	\$210.00	\$29,400.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,800.00	\$1.50	\$5,400.00	\$0.60	\$2,180.00	\$0.75	\$2,700.00
647.16	HUMUS, 6" DEEP	CY	815.00	\$35.00	\$28,525.00	\$22.00	\$17,930.00	\$12.00	\$9,780.00
648.	SOD	SY	780.00	\$5.00	\$3,900.00	\$7.70	\$6,008.00	\$8.00	\$6,240.00
692.	MOBILIZATION	U	1.00	\$75,000.00	\$75,000.00	\$100,200.00	\$100,200.00	\$120,000.00	\$120,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,800.00	\$1,800.00	\$1,920.00	\$1,920.00	\$1,200.00	\$1,200.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$4,060.00	\$4,060.00	\$1,200.00	\$1,200.00
698.13	FIELD OFFICE TYPE C	MON	16.00	\$1,500.00	\$24,000.00	\$2,075.00	\$33,200.00	\$1,000.00	\$16,000.00

Item No.	Description	Unit	Quantity	PS&E		COLEMAN ALVIN J & SON INC 9 NH ROUTE 113 CONWAY, NH 03818-8505		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03254-0488	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
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
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	\$	5,850.00	\$1.00	\$5,850.00	\$1.00	\$5,850.00	\$1.00	\$5,850.00
<b>Totals:</b>					<b>\$1,327,765.60</b>		<b>\$1,328,552.40</b>		<b>\$1,416,338.15</b>
<b>Alt. Totals:</b>									
<b>Totals:</b>					<b>\$1,327,765.60</b>		<b>\$1,328,552.40</b>		<b>\$1,416,338.15</b>

Item No.	Description	Unit	Quantity	P&A		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

201.1	CLEARING AND GRUBBING (F)	A	.05	\$35,000.00	\$1,750.00	\$60,000.00	\$3,000.00		
201.21	REMOVING SMALL TREES	EA	1.00	\$400.00	\$400.00	\$600.00	\$600.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	15.00	\$30.00	\$450.00	\$35.00	\$525.00		
202.6	CURB REMOVAL FOR SALVAGE	LF	635.00	\$6.00	\$3,810.00	\$6.75	\$4,286.25		
203.1	COMMON EXCAVATION	CY	4,950.00	\$15.00	\$74,250.00	\$12.25	\$60,837.50		
203.11	COMMON EXCAVATION - LRS	CY	1,020.00	\$15.00	\$15,300.00	\$16.50	\$16,830.00		
203.53	LOW PERMEABILITY FILL (F)	CY	70.00	\$25.00	\$1,750.00	\$35.00	\$2,450.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	816.00	\$6.00	\$4,890.00	\$14.00	\$11,410.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	260.00	\$20.00	\$5,200.00	\$20.50	\$5,330.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$55.00	\$550.00	\$100.00	\$1,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	4.00	\$90.00	\$360.00	\$125.00	\$500.00		
209.1	GRANULAR BACKFILL	CY	4.00	\$55.00	\$220.00	\$75.00	\$300.00		
214	FINE GRADING	U	1.00	\$12,000.00	\$12,000.00	\$26,000.00	\$26,000.00		
304.1	SAND (F)	CY	1,320.00	\$25.00	\$33,000.00	\$28.50	\$37,620.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	35.00	\$35.00	\$1,225.00	\$65.00	\$2,275.00		
304.35	CRUSHED GRAVEL FOR DRIVES	CY	220.00	\$35.00	\$7,700.00	\$42.00	\$9,240.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,400.00	\$34.00	\$47,600.00	\$33.00	\$46,200.00		
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	1,510.00	\$34.00	\$51,340.00	\$33.00	\$49,830.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,105.00	\$80.00	\$88,400.00	\$94.00	\$103,870.00		
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,375.00	\$85.00	\$116,875.00	\$99.00	\$136,125.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	260.00	\$120.00	\$31,200.00	\$140.00	\$36,400.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	2,480.00	\$2.50	\$6,200.00	\$2.75	\$6,820.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	14,980.00	\$0.30	\$4,494.00	\$0.28	\$4,194.40		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	980.00	\$3.00	\$2,940.00	\$4.75	\$4,655.00		
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	335.00	\$90.00	\$30,150.00	\$90.00	\$30,150.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	11,500.00	\$4.00	\$46,000.00	\$2.75	\$31,625.00		
520.1	CONCRETE CLASS A	CY	25.00	\$950.00	\$23,750.00	\$260.00	\$6,500.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	16.00	\$3.00	\$45.00	\$2.00	\$30.00		
585.3	STONE FILL, CLASS C	CY	4.00	\$60.00	\$240.00	\$125.00	\$500.00		
585.4	STONE FILL, CLASS D	CY	4.00	\$55.00	\$220.00	\$125.00	\$500.00		



Item No.	Description	Unit	Quantity	PS&E		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
585.5	STONE FILL, CLASS E	CY	85.00	\$50.00	\$4,250.00	\$68.50	\$5,822.50		
593.431	GEOTEXTILE; PERM CONTROL CL3, NON-WOVEN	SY	6.00	\$10.00	\$60.00	\$55.00	\$330.00		
593.521	PVC GEOMEMBRANE LINER (40 MIL)	SY	1,015.00	\$10.00	\$10,150.00	\$10.00	\$10,150.00		
603.0001	VIDEO INSPECTION	LF	285.00	\$5.00	\$1,425.00	\$6.50	\$1,852.50		
603.00212	12" R.C. PIPE, 2000D	LF	70.00	\$40.00	\$2,800.00	\$114.00	\$7,980.00		
603.00224	24" R.C. PIPE, 2000D	LF	20.00	\$140.00	\$2,800.00	\$132.50	\$2,650.00		
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$200.00	\$400.00	\$295.00	\$590.00		
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	85.00	\$50.00	\$4,250.00	\$75.00	\$6,375.00		
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	\$65.00	\$7,150.00	\$78.00	\$8,580.00		
604.0007	POLYETHYLENE LINER	EA	8.00	\$150.00	\$1,200.00	\$185.00	\$1,480.00		
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00		
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	4.50	\$3,000.00	\$13,500.00	\$2,800.00	\$12,600.00		
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,500.00	\$2,500.00	\$1,750.00	\$1,750.00		
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	\$3,000.00	\$6,000.00	\$2,350.00	\$4,700.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$450.00	\$4,500.00	\$285.00	\$2,850.00		
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	4.00	\$350.00	\$1,400.00	\$265.00	\$1,060.00		
604.6	MANHOLE COVERS & FRAMES	EA	2.00	\$550.00	\$1,100.00	\$600.00	\$1,200.00		
604.72	GRATES & FRAMES, TYPE B	EA	2.00	\$550.00	\$1,100.00	\$525.00	\$1,050.00		
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	435.00	\$20.00	\$8,700.00	\$18.00	\$7,830.00		
605.79	UNDERDRAIN FLUSHING BASINS	EA	4.00	\$450.00	\$1,800.00	\$370.00	\$1,480.00		
608.12	2" BITUMINOUS SIDEWALK (F)	SY	285.00	\$20.00	\$5,300.00	\$28.00	\$7,420.00		
608.24	4" CONCRETE SIDEWALK (F)	SY	90.00	\$80.00	\$5,400.00	\$50.00	\$4,500.00		
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	250.00	\$60.00	\$15,600.00	\$75.00	\$19,500.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	15.00	\$400.00	\$6,000.00	\$440.00	\$6,600.00		
609.01	STRAIGHT GRANITE CURB	LF	970.00	\$20.00	\$19,400.00	\$30.00	\$29,100.00		
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	305.00	\$40.00	\$12,200.00	\$49.25	\$15,021.25		
609.02	CURVED GRANITE CURB	LF	4.00	\$50.00	\$200.00	\$45.00	\$180.00		
609.21	STRAIGHT GRANITE SLOPE CURB	LF	100.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00		
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	17.00	\$20.00	\$340.00	\$25.00	\$425.00		
615.0201	TRAFFIC SIGN TYPE B	SF	65.00	\$35.00	\$2,275.00	\$116.00	\$7,540.00		
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	200.00	\$200.00	\$40,000.00	\$165.00	\$33,000.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	20.00	\$100.00	\$2,000.00	\$400.00	\$8,000.00		

Item No.	Description	Unit	Quantity	P&E		WEAVER BROS. CONST. CO., INC. 1629 RTE 3A BOW, NH 03304		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
616.0301	TRAFFIC SIGN TYPE C	SF	191.00	\$50.00	\$9,550.00	\$58.00	\$11,078.00		
616.033	REMOVING TRAFFIC SIGN, TYPE C	U	20.00	\$70.00	\$1,400.00	\$50.00	\$1,000.00		
616.034	RELOCATING TRAFFIC SIGN, TYPE C	U	5.00	\$190.00	\$950.00	\$150.00	\$750.00		
616.0601	TRAFFIC SIGN TYPE CC	SF	83.00	\$30.00	\$2,490.00	\$16.50	\$1,369.50		
616.101	TRAFFIC SIGNALS	U	1.00	\$16,000.00	\$16,000.00	\$15,800.00	\$15,800.00		
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$120,000.00	\$120,000.00	\$78,000.00	\$78,000.00		
616.291	ALTERATIONS TO FLASHING BEACONS	U	1.00	\$15,000.00	\$15,000.00	\$18,750.00	\$18,750.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00		
618.7	FLAGGERS	HR	2,200.00	\$35.00	\$77,000.00	\$41.50	\$91,300.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	12.00	\$350.00	\$4,200.00	\$850.00	\$10,200.00		
621.31	SINGLE DELINEATOR WITH POST	EA	50.00	\$35.00	\$1,750.00	\$45.00	\$2,250.00		
622.1	STEEL WITNESS MARKERS	EA	6.00	\$28.00	\$168.00	\$66.00	\$396.00		
626.2	SAWED BITUMINOUS PAVEMENT	LF	1,090.00	\$1.50	\$1,635.00	\$1.75	\$1,907.50		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	48,500.00	\$0.25	\$11,625.00	\$0.28	\$13,020.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	535.00	\$1.50	\$802.50	\$2.20	\$1,177.00		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	360.00	\$1.10	\$396.00	\$3.30	\$1,188.00		
632.3110	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	140.00	\$5.00	\$700.00	\$7.75	\$1,085.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	360.00	\$8.00	\$2,880.00	\$11.00	\$3,960.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	470.00	\$3.50	\$1,645.00	\$4.00	\$1,880.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	340.00	\$5.00	\$1,700.00	\$5.50	\$1,870.00		
645.531	SILT FENCE	LF	230.00	\$3.00	\$690.00	\$4.00	\$920.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$2,900.00	\$2,900.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	140.00	\$65.00	\$9,100.00	\$110.00	\$15,400.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,600.00	\$1.50	\$5,400.00	\$0.75	\$2,700.00		
647.16	HUMUS, 6" DEEP	CY	815.00	\$35.00	\$28,525.00	\$22.25	\$18,133.75		
648.	SOD	SY	780.00	\$5.00	\$3,900.00	\$8.00	\$6,240.00		
692.	MOBILIZATION	U	1.00	\$75,000.00	\$75,000.00	\$165,000.00	\$165,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$4,200.00	\$4,200.00		
698.13	FIELD OFFICE TYPE C	MON	16.00	\$1,500.00	\$24,000.00	\$2,000.00	\$32,000.00		

Item No.	Description	Unit	Quantity	P&A		WEAVER BROS. CONST. CO., INC. 1429 RTE 3A BOW, NH 03304		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1010.15	FUEL ADJUSTMENT	\$	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		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,850.00	\$1.00	\$5,850.00	\$1.00	\$5,850.00		
<b>Totals:</b>				<b>\$1,327,765.60</b>		<b>\$1,475,944.15</b>			
<b>Alt. Totals:</b>									
<b>Totals:</b>				<b>\$1,327,765.60</b>		<b>\$1,475,944.15</b>			

## PS&E Comparison

OSSIPEE

13910

X-A000(110)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.1	CLEARING AND GRUBBING (F)	A	.05	\$42,710.00	\$2,135.50	\$35,000.00	\$1,750.00	\$385.50
201.21	REMOVING SMALL TREES	EA	1.00	\$801.00	\$801.00	\$400.00	\$400.00	\$401.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	15.00	\$53.40	\$801.00	\$30.00	\$450.00	\$351.00
202.6	CURB REMOVAL FOR SALVAGE	LF	635.00	\$6.40	\$4,064.00	\$6.00	\$3,810.00	\$254.00
203.1	COMMON EXCAVATION	CY	4,950.00	\$12.00	\$59,400.00	\$15.00	\$74,250.00	(\$14,850.00)
203.11	COMMON EXCAVATION - LRS	CY	1,020.00	\$13.50	\$13,770.00	\$15.00	\$15,300.00	(\$1,530.00)
203.53	LOW PERMEABILITY FILL (F)	CY	70.00	\$51.90	\$3,633.00	\$25.00	\$1,750.00	\$1,883.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	815.00	\$8.80	\$7,172.00	\$6.00	\$4,890.00	\$2,282.00
206.1	COMMON STRUCTURE EXCAVATION	CY	260.00	\$22.80	\$5,928.00	\$20.00	\$5,200.00	\$728.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$51.90	\$519.00	\$55.00	\$550.00	(\$31.00)
206.2	ROCK STRUCTURE EXCAVATION	CY	4.00	\$259.00	\$1,036.00	\$90.00	\$360.00	\$676.00
209.1	GRANULAR BACKFILL	CY	4.00	\$51.90	\$207.60	\$55.00	\$220.00	(\$12.40)
214.	FINE GRADING	U	1.00	\$17,270.00	\$17,270.00	\$12,000.00	\$12,000.00	\$5,270.00
304.1	SAND (F)	CY	1,320.00	\$22.00	\$29,040.00	\$25.00	\$33,000.00	(\$3,960.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	35.00	\$26.00	\$910.00	\$35.00	\$1,225.00	(\$315.00)

304.35	CRUSHED GRAVEL FOR DRIVES	CY	220.00	\$31.10	\$6,842.00	\$35.00	\$7,700.00	(\$858.00)
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,400.00	\$30.00	\$42,000.00	\$34.00	\$47,600.00	(\$5,600.00)
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	1,510.00	\$30.00	\$45,300.00	\$34.00	\$51,340.00	(\$6,040.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,105.00	\$96.10	\$106,190.50	\$80.00	\$88,400.00	\$17,790.50
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,375.00	\$101.00	\$138,875.00	\$85.00	\$116,875.00	\$22,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	260.00	\$139.00	\$36,140.00	\$120.00	\$31,200.00	\$4,940.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	2,480.00	\$2.65	\$6,572.00	\$2.50	\$6,200.00	\$372.00
403.6	PAVEMENT JOINT ADHESIVE	LF	14,980.00	\$0.25	\$3,745.00	\$0.30	\$4,494.00	(\$749.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	980.00	\$4.80	\$4,704.00	\$3.00	\$2,940.00	\$1,764.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	335.00	\$90.80	\$30,418.00	\$90.00	\$30,150.00	\$268.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	11,500.00	\$2.65	\$30,475.00	\$4.00	\$46,000.00	(\$15,525.00)
520.1	CONCRETE CLASS A	CY	25.00	\$301.00	\$7,525.00	\$950.00	\$23,750.00	(\$16,225.00)
544.1	REINFORCING STEEL (ROADWAY)	LB	15.00	\$10.40	\$156.00	\$3.00	\$45.00	\$111.00
585.3	STONE FILL, CLASS C	CY	4.00	\$51.90	\$207.60	\$60.00	\$240.00	(\$32.40)
585.4	STONE FILL, CLASS D	CY	4.00	\$51.90	\$207.60	\$55.00	\$220.00	(\$12.40)
585.5	STONE FILL, CLASS E	CY	85.00	\$61.90	\$5,261.50	\$50.00	\$4,250.00	\$1,011.50
593.431	GEOTEXTILE; PERM CONTROL CL.3, NON-WOVEN	SY	6.00	\$20.80	\$124.80	\$10.00	\$60.00	\$64.80
593.521	PVC GEOMEMBRANE LINER (40 MIL)	SY	1,015.00	\$11.20	\$11,368.00	\$10.00	\$10,150.00	\$1,218.00
603.0001	VIDEO INSPECTION	LF	285.00	\$5.45	\$1,553.25	\$5.00	\$1,425.00	\$128.25
603.00212	12" R.C. PIPE, 2000D	LF	70.00	\$80.60	\$5,642.00	\$40.00	\$2,800.00	\$2,842.00
603.00224	24" R.C. PIPE, 2000D	LF	20.00	\$95.40	\$1,908.00	\$140.00	\$2,800.00	(\$892.00)
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$192.00	\$384.00	\$200.00	\$400.00	(\$16.00)
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	85.00	\$51.90	\$4,411.50	\$50.00	\$4,250.00	\$161.50

603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	\$57.10	\$6,281.00	\$65.00	\$7,150.00	(\$869.00)
604.0007	POLYETHYLENE LINER	EA	8.00	\$270.00	\$2,160.00	\$150.00	\$1,200.00	\$960.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,595.00	\$2,595.00	\$3,000.00	\$3,000.00	(\$405.00)
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	4.50	\$3,015.00	\$13,567.50	\$3,000.00	\$13,500.00	\$67.50
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,170.00	\$2,170.00	\$2,500.00	\$2,500.00	(\$330.00)
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	\$2,255.00	\$4,510.00	\$3,000.00	\$6,000.00	(\$1,490.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	10.00	\$463.00	\$4,630.00	\$450.00	\$4,500.00	\$130.00
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	4.00	\$290.00	\$1,160.00	\$350.00	\$1,400.00	(\$240.00)
604.6	MANHOLE COVERS & FRAMES	EA	2.00	\$690.00	\$1,380.00	\$550.00	\$1,100.00	\$280.00
604.72	GRATES & FRAMES, TYPE B	EA	2.00	\$690.00	\$1,380.00	\$550.00	\$1,100.00	\$280.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	435.00	\$19.50	\$8,482.50	\$20.00	\$8,700.00	(\$217.50)
605.79	UNDERDRAIN FLUSHING BASINS	EA	4.00	\$405.00	\$1,620.00	\$450.00	\$1,800.00	(\$180.00)
608.12	2" BITUMINOUS SIDEWALK (F)	SY	265.00	\$26.70	\$7,075.50	\$20.00	\$5,300.00	\$1,775.50
608.24	4" CONCRETE SIDEWALK (F)	SY	90.00	\$47.00	\$4,230.00	\$60.00	\$5,400.00	(\$1,170.00)
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	260.00	\$59.80	\$15,548.00	\$60.00	\$15,600.00	(\$52.00)
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	15.00	\$337.00	\$5,055.00	\$400.00	\$6,000.00	(\$945.00)
609.01	STRAIGHT GRANITE CURB	LF	970.00	\$26.20	\$25,414.00	\$20.00	\$19,400.00	\$6,014.00
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	305.00	\$44.30	\$13,511.50	\$40.00	\$12,200.00	\$1,311.50
609.02	CURVED GRANITE CURB	LF	4.00	\$34.20	\$136.80	\$50.00	\$200.00	(\$63.20)
609.21	STRAIGHT GRANITE SLOPE CURB	LF	100.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00	(\$500.00)
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	17.00	\$20.00	\$340.00	\$20.00	\$340.00	\$0.00
615.0201	TRAFFIC SIGN TYPE B	SF	65.00	\$53.40	\$3,471.00	\$35.00	\$2,275.00	\$1,196.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	200.00	\$107.00	\$21,400.00	\$200.00	\$40,000.00	(\$18,600.00)

615.023	REMOVING TRAFFIC SIGN TYPE B	U	20.00	\$267.00	\$5,340.00	\$100.00	\$2,000.00	\$3,340.00
615.0301	TRAFFIC SIGN TYPE C	SF	191.00	\$48.10	\$9,187.10	\$50.00	\$9,550.00	(\$362.90)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	20.00	\$53.40	\$1,068.00	\$70.00	\$1,400.00	(\$332.00)
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	5.00	\$267.00	\$1,335.00	\$190.00	\$950.00	\$385.00
615.0601	TRAFFIC SIGN TYPE CC	SF	83.00	\$16.00	\$1,328.00	\$30.00	\$2,490.00	(\$1,162.00)
616.101	TRAFFIC SIGNALS	U	1.00	\$9,290.00	\$9,290.00	\$16,000.00	\$16,000.00	(\$6,710.00)
616.191	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$90,630.00	\$90,630.00	\$120,000.00	\$120,000.00	(\$29,370.00)
616.291	ALTERATIONS TO FLASHING BEACONS	U	1.00	\$12,810.00	\$12,810.00	\$15,000.00	\$15,000.00	(\$2,190.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	11,000.00	\$1.00	\$11,000.00	\$1.00	\$11,000.00	\$0.00
618.7	FLAGGERS	HR	2,200.00	\$42.70	\$93,940.00	\$35.00	\$77,000.00	\$16,940.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$45,000.00	\$45,000.00	\$50,000.00	\$50,000.00	(\$5,000.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	12.00	\$1,000.00	\$12,000.00	\$350.00	\$4,200.00	\$7,800.00
621.31	SINGLE DELINEATOR WITH POST	EA	50.00	\$48.10	\$2,405.00	\$35.00	\$1,750.00	\$655.00
622.1	STEEL WITNESS MARKERS	EA	6.00	\$53.40	\$320.40	\$28.00	\$168.00	\$152.40
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,090.00	\$5.35	\$5,831.50	\$1.50	\$1,635.00	\$4,196.50
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	46,500.00	\$0.15	\$6,975.00	\$0.25	\$11,625.00	(\$4,650.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	535.00	\$1.05	\$561.75	\$1.50	\$802.50	(\$240.75)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	360.00	\$1.60	\$576.00	\$1.10	\$396.00	\$180.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	140.00	\$8.55	\$1,197.00	\$5.00	\$700.00	\$497.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	360.00	\$10.70	\$3,852.00	\$8.00	\$2,880.00	\$972.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	470.00	\$2.40	\$1,128.00	\$3.50	\$1,645.00	(\$517.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	340.00	\$5.20	\$1,768.00	\$5.00	\$1,700.00	\$68.00

645.531	SILT FENCE	LF	230.00	\$3.10	\$713.00	\$3.00	\$690.00	\$23.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,775.00	\$2,775.00	\$3,000.00	\$3,000.00	(\$225.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	140.00	\$117.00	\$16,380.00	\$65.00	\$9,100.00	\$7,280.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,600.00	\$0.60	\$2,160.00	\$1.50	\$5,400.00	(\$3,240.00)
647.16	HUMUS, 6" DEEP	CY	815.00	\$22.00	\$17,930.00	\$35.00	\$28,525.00	(\$10,595.00)
648.	SOD	SY	780.00	\$7.70	\$6,006.00	\$5.00	\$3,900.00	\$2,106.00
692.	MOBILIZATION	U	1.00	\$100,200.00	\$100,200.00	\$75,000.00	\$75,000.00	\$25,200.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,920.00	\$1,920.00	\$1,800.00	\$1,800.00	\$120.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,060.00	\$4,060.00	\$3,000.00	\$3,000.00	\$1,060.00
698.13	FIELD OFFICE TYPE C	MON	16.00	\$2,075.00	\$33,200.00	\$1,500.00	\$24,000.00	\$9,200.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$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
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,850.00	\$1.00	\$5,850.00	\$1.00	\$5,850.00	\$0.00

**Total:**

**\$1,328,552.40**

**\$1,327,765.50**

**\$786.90**



August 7, 2019

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This intersection improvement project is located on NH Route 16 in the Town of Ossipee and includes the NH Route 25 and NH Route 41 intersections. Work begins on NH 16 begins approximately 200 feet south of the NH 25 intersection and ends approximately 650 feet north of the NH 41 intersection, for a total project length of approximately 2160 feet. Work on NH 25 extends approximately 300 feet west of NH 16, while work on NH 41 extends approximately 325 feet east of NH 16.

Improvements on NH 16 include step box widening and resurfacing to add left turn lanes and truck aprons at NH 41/Covered Bridge Road, a southbound right turn lane at NH 25, and a two way left turn lane (TWLTL) between the two intersections. Signal upgrades and pedestrian facilities (sidewalk, ramps and crosswalks) are proposed at the NH 16/NH 25 intersection. Ancillary work includes drainage upgrades and construction of three stormwater treatment swales along NH 16.

**FEDERAL FUNDING:** 80% (Program: Non-Highway) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

**CONTINGENCY:** The proposed contingency amount is 7% of the contract amount. On-going studies have identified soil/groundwater contamination at the parcel in the northwest corner of NH 16/NH 41. Although work has been minimized in this area, and the project is not anticipated to encounter the impacted soil/groundwater, the cost and immediacy to manage such in the event they are encountered should be considered.

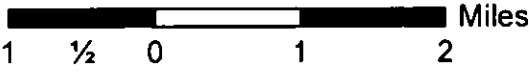
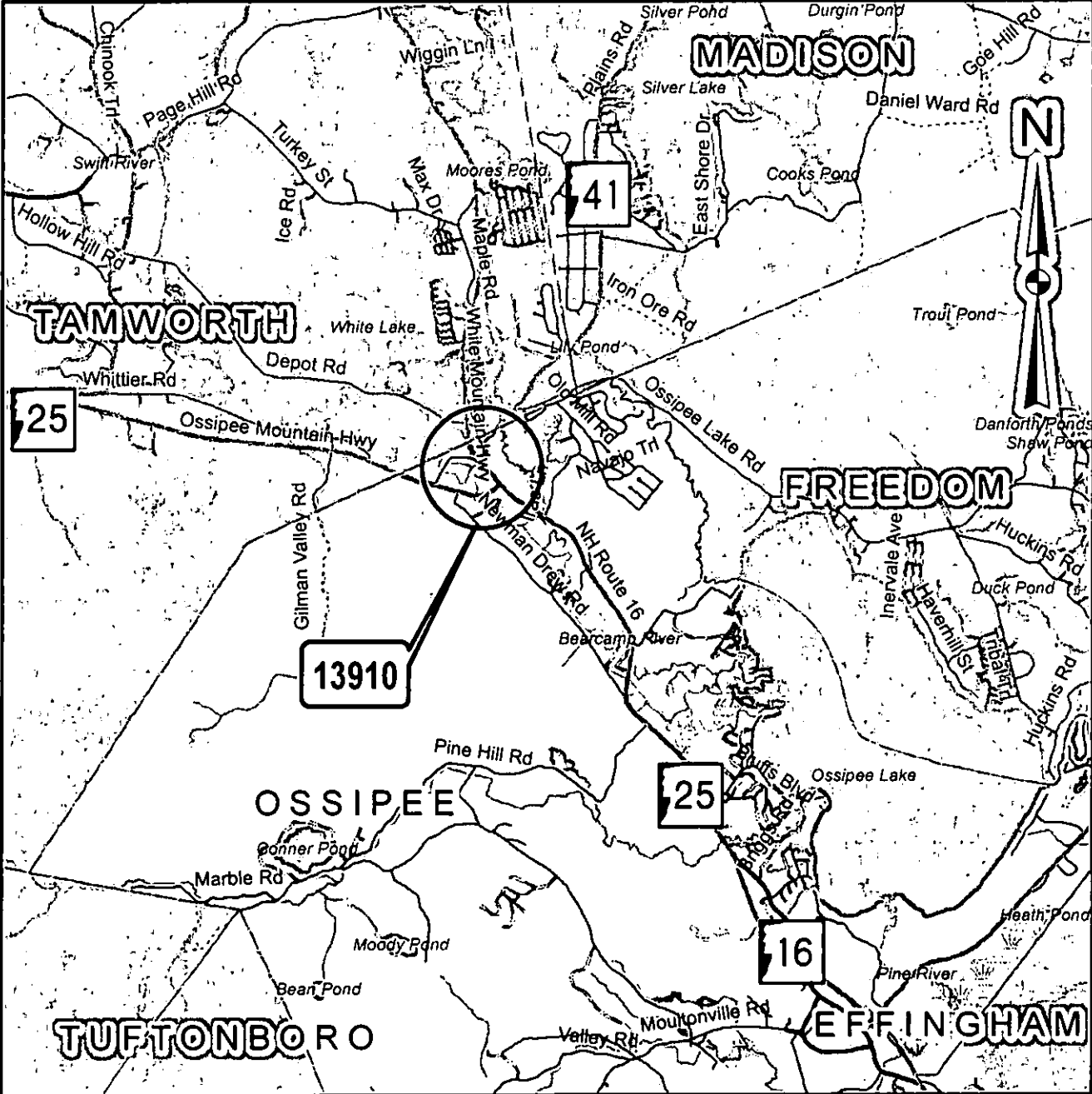
**PROJECT INITIATED:** State's Ten-Year Transportation Plan

**PROJECT EXPLANATION:** This project will improve the operation and safety of NH 16 by modifying the pavement layout and lane configurations, improving the function of the existing signal at NH 16/NH 25, and removing conflicting left turns associated with access to adjacent commercial/retail properties from thru lanes.

**TRAFFIC IMPLICATION:** Two-lane, two-way traffic will be maintained during most operations. Short term use of one lane, alternating two-way traffic supplemented with flaggers is anticipated, and will be returned to two lane, two-way traffic during non-construction hours. Night work at NH16/NH 25 is anticipated.

**FINAL COMPLETION DATE:** June 18, 2021

**OSSIPEE - NH 16 AT NH 25/41**



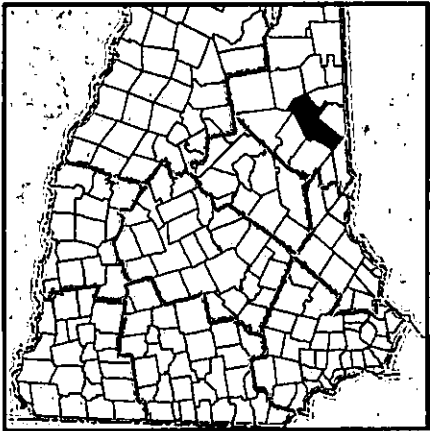
**LEGEND**

- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

*New Hampshire*  
**DOT**  
 Department of Transportation

State # 13910  
 Federal # : X-A000 (110)

**LOCATION MAP**





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/3/2019

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).

<b>PRODUCER</b> THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511		<b>CONTACT NAME:</b> Donna Bickford <b>PHONE (A/C, No, Ext):</b> (603) 224-2562 <b>FAX (A/C, No):</b> (603) 224-8012 <b>E-MAIL ADDRESS:</b> dbickford@rowleyagency.com	
<b>INSURED</b> Alvin J. Coleman & Son, Inc. 9 NH Route 113 Conway NH 03818-9505		<b>INSURER(S) AFFORDING COVERAGE</b>	
		<b>INSURER A:</b> Firemen's Ins Co of Wash. DC	<b>NAIC #</b> 21784
		<b>INSURER B:</b> Berkshire Hathaway Specialty Ins	
		<b>INSURER C:</b> Maine Employers Mutual Ins Co	11149
		<b>INSURER D:</b>	
		<b>INSURER E:</b>	
		<b>INSURER F:</b>	

**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 <input checked="" type="checkbox"/> CG0001 04/13 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:			CPA5344231	7/1/2019	7/1/2020	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			CAA5344232	7/1/2019	7/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			470MO30147405	7/1/2019	7/1/2020	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000
C	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	5101800948 3A STATES: ME PA	7/1/2019	7/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

Job: Ossipee Project No. X-A000(110), 13910- Intersection Improvement on NH Rte 16, including NH Rte 25 & NH Rte 41 Intersections

The State of New Hampshire-Department of Transportation is included as an additional insured on all liability policies except workers comp when required by written contract with the named insured.

**CERTIFICATE HOLDER****CANCELLATION**

State of New Hampshire-Dept of Transporta  
 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

Donna Bickford/DTB

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/3/2019

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**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).

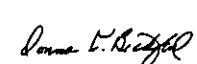
<b>PRODUCER</b> THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Donna Bickford	
	<b>PHONE (A/C, No, Ext):</b> (603) 224-2562	<b>FAX (A/C, No):</b> (603) 224-6012
<b>E-MAIL ADDRESS:</b> dbickford@rowleyagency.com		
<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURER A:</b> Acadia Insurance Company		31325
<b>INSURER B:</b>		
<b>INSURER C:</b>		
<b>INSURER D:</b>		
<b>INSURER E:</b>		
<b>INSURER F:</b>		

**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.

INSTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors Protec  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCPB1910313869	10/3/2019	12/18/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COM/OP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input 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						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> 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)  
 Job: NHDOT-Ossipee #13910- Intersection Improvement project on NH Route 16 in the Town of Ossipee and includes the NH Route 25 and NH Route 41 Intersections

<b>CERTIFICATE HOLDER</b>  State of NH-Department of Transportation PO Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	<b>AUTHORIZED REPRESENTATIVE</b>  Donna Bickford/DTB 

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