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THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



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 May 14, 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 \$2,253,953.50 for intersection safety improvements at the intersection of NH Route 28 and NH Route 171, from the date of Governor and Council approval through June 19, 2020, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	FY 2019	<u>FY 2020</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$253,953.50	\$2,000,000.00

2. Further authorize that a contingency in the amount of 112,697.68 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows: 04-96-96-963515-3054	<u>FY 2019</u>	<u>FY 2020</u>
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$0.00	\$112,697.68

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Highway Safety Improvement Program (HSIP). This project consists of safety improvements at the intersection of NH Route 28 and NH Route 171 by constructing a roundabout. NH Route 28 work starts approximately 465 feet south of the intersection and proceeds to approximately 720 feet north of the intersection. NH Route 171 work starts approximately 600 feet east of the intersection and proceeds to approximately 600 feet west of the intersection.

The intersection of NH 28 and NH 171 has a history of severe crashes including bodily injury and fatalities. The severest crashes have occurred when vehicles traveling on NH 171, which is stop

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controlled at this intersection, have entered the intersection and consequently been impacted by vehicles traveling on NH 28. Crash severity will be significantly reduced at this intersection by the reduction in traveling speed and conflict points caused by the geometry of a roundabout.

The proposed contingency amount is 5% of the contract amount. This project was developed under accelerated conditions increasing the probability of unknown impacts to the project, such as unanticipated traffic control needs and construction restrictions. Adjusting quantity limits to offset quantity overruns is also not practical.

Although the bid costs exceeded the Department's estimate by 28.35%, only 1 bid was received and it is felt to be reasonable for the work involved. This project has an accelerated construction timeline requiring the roundabout to be completed, to binder, by October 18, 2019. This timeline and Spring 2019 advertising date influenced the bid price received; and, also, limited the competition, which was exacerbated by ongoing contractor work force challenges. Readvertising 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 90% (Highway Safety Improvement Program (HSIP)) with anticipated utilization of Turnpike Toll Credits as the State's 10% 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,

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Victoria F. Sheehan Commissioner

VFS/pcj Department Estimate: \$1,756,164.00 Contract Amount: <u>\$2,253,953.50</u> Over Estimate: \$497,789.50 Attachments



ABC Bid Data

OSSIPEE 29315 X-A003(995)

PROJECT: STATE PROJECT NUMBER: FED. PROJECT NUMBER: DATE BIDS OPEN:	OSSIPEE 29315 X-A003(995) May 09, 2019, 2:00 PM	Aw	arded To:	COLEMAN ALVIN J & SON INC 9 NH ROUTE 113 CONWAY, NH 03818-9505		
SCOPE OF WORK:	NH 28 / NH 171 intersection safety improvements	Am	nount:	\$2,253,953.50	Certified by:	PETER.E.STAMNAS
COMPLETION DATE:	June 19, 2020	Aw	ard Date:			Director of Project Development
LOCATION:	Carroll					
		Summary of Bidder	rs			

Contractor	Bid Amount	Rank
COLEMAN ALVIN J & SON INC	\$2,253,953.50	A
9 NH ROUTE 113, CONWAY NH 03818-9505		

				F	°S&E	9 NH R	.VIN J & SON INC OUTE 113 NH 03818-9505		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	80.00	\$18.00	\$1,440.00	\$20.50	\$1,640.00	
202.6	CURB REMOVAL FOR SALVAGE	LF	110.00	\$5.00	\$550.00	\$15.50	\$1,705.00	
203.1	COMMON EXCAVATION	СҮ	5,900.00	\$15.00	\$88,500.00	\$25,00	\$147,500.00	
203.11	COMMON EXCAVATION - LRS	СҮ	880.00	\$16.00	\$14,080.00	\$25.00	\$22,000.00	
203.2	ROCK EXCAVATION	CY	150.00	\$50.00	\$7,500.00	\$26.00	\$3,900.00	
203.6	EMBANKMENT-IN-PLACE (F)	CY	1,030.00	\$15.00	\$15,450.00	\$15.00	\$15,450.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$100.00	\$2,000.00	\$51.50	\$1,030.00	
214.	FINE GRADING	U	1.00	\$18,500.00	\$18,500.00	\$11,000.00	\$11,000.00	
304.1	SAND (F)	CY	1,439.00	\$25.00	\$35,975.00	\$31,50	\$45,328.50	
304.2	GRAVEL (F)	СҮ	1,191.00	\$30.00	\$35,730.00	\$32.00	\$38,112.00	
304.3	CRUSHED GRAVEL (F)	СҮ	1,324.00	\$35.00	\$46,340.00	\$37.50	\$49,650.00	
304.31	CRUSHED GRAVEL FOR SHIMMING	СҮ	980.00	\$35.00	\$34,300.00	\$40.00	\$39,200.00	
304.35	CRUSHED GRAVEL FOR DRIVES	СҮ	40.00	\$42.00	\$1,680.00	\$41.00	\$1,640.00	
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	900.00	\$90,00	\$81,000.00	\$140.00	\$126,000.00	
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,650.00	\$100.00	\$165,000.00	\$108.00	\$178,200.00	
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	60.00	\$200.00	\$12,000.00	\$189.00	\$11,340.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	5,950.00	\$1.00	\$5,950.00	\$1.10	\$6,545.00	
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	700.00	\$125.00	\$87,500.00	\$130.00	\$91,000.00	
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	550.00	\$6.00	\$3,300.00	\$11.00	\$6,050.00	
417.	COLD PLANING BITUMINOUS SURFACES	SY	2,800.00	\$7.00	\$19,600.00	\$19.50	\$54,600.00	
585.3	STONE FILL, CLASS C	CY	12.00	\$65.00	\$780.00	\$62.00	\$744.00	
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	795.00	\$5.00	\$3,975.00	\$2.60	\$2,067.00	
593.521	PVC GEOMEMBRANE LINER (40 MIL)	SY	390.00	\$15.00	\$5,850.00	\$10.50	\$4,095.00	
603.0001	VIDEO INSPECTION	LF	630.00	\$3.50	\$2,205.00	\$2.50	\$1,575.00	
603.00215	15" R.C. PIPE, 2000D	LF	370.00	\$65.00	\$24,050.00	\$72.50	\$26,825.00	
603.11012	12" CORR. STEEL PIPE, .064"	LF	120.00	\$55.00	\$6,600.00	\$64.50	\$7,740.00	
603.36112	12" ALUMINIZED STEEL END SECTION	EA	6.00	\$400.00	\$2,400.00	\$129.00	\$774.00	
603.36118	18" ALUMINIZED STEEL END SECTION	EA	1.00	\$500.00	\$500.00	\$180.00	\$180.00	
603.80215	15" PLASTIC PIPE (\$MOOTH INTERIOR)	LF	150.00	\$40.00	\$6,000.00	\$66.50	\$9,975.00	
604.0007		EA	5.00	\$200.00	\$1,000.00	\$258.00	\$1,290.00	

Friday, May 17, 2019

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					PS&E	9 NH I	LVIN J & SON INC ROUTE 113 NH 03818-9505		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
604,125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	1.00	\$3,100.00	\$3,100.00	\$3,300.00	\$3,300.00		
604.164	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	4.00	\$2,500.00	\$10,000.00	\$2,100.00	\$8,400.00		
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	5.50	\$400.00	\$2,200.00	\$375.00	\$2,062.50		
604.62	DRAINAGE MANHOLE COVERS AND FRAMES	EA	1.00	\$500.00	\$500.00	\$773.00	\$773.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,030.00	\$35.00	\$36,050.00	\$51.00	\$52,530.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	4.00	\$4,500.00	\$18,000.00	\$4,400.00	\$17,600.00		
608.26	6" CONCRETE SIDEWALK (F)	SY	509.00	\$65.00	\$33,085.00	\$54.00	\$27,486.00		
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	590.00	\$75.00	\$44,250.00	\$70.00	\$41,300.00		
609.01	STRAIGHT GRANITE CURB	LF	2,680.00	\$30.00	\$80,400.00	\$22.00	\$58,960.00		
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	580.00	\$45.00	\$26,100.00	\$43.00	\$24,940.00		
609.02	CURVED GRANITE CURB	LF	60.00	\$45.00	\$2,700.00	\$35.00	\$2,100.00		
611.05210	10" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	70.00	\$120.00	\$8,400.00	\$103.00	\$7,210.00		
611.41523	STEEL CASING PIPE WITH 10" DI-RJ CARRIER PIPE	LF	15.00	\$500.00	\$7,500.00	\$103.00	\$1,545.00		
611.50010	1" COPPER SERVICE PIPE	LF	90.00	\$70.00	\$6,300.00	\$41.00	\$3,690.00		
611.51010	1" CORPORATION STOP	EA	1.00	\$200.00	\$200.00	\$412.00	\$ 412.00		
611.52007	3/4" CURB STOP WITH BOX	EA	1.00	\$150.00	\$150.00	\$258.00	\$258.00		
611.52010	1" CURB STOP WITH BOX	EA	1.00	\$200.00	\$200.00	\$283.00	\$283.00		
611.70010	10" FITTING	EA	5.00	\$500.00	\$2,500.00	\$412,00	\$2,060.00		
611.71010	10" GATE VALVE WITH BOX	EA	1.00	\$1,500.00	\$1,500.00	\$2,580.00	\$2,580.00		
611.75	AIR RELEASE VALVE WITH VAULT	EA	1.00	\$1,000.00	\$1,000.00	\$3,090.00	\$3,090.00		
611.77	CHLORINE INJECTION TAP	EA	1.00	\$550.00	\$550.00	\$773.00	\$773.00		
611.815	YARD HYDRANT	EA	1.00	\$300.00	\$300.00	\$1,030.00	\$1,030.00		
611.9512	BOARD INSULATION, 2" THICK	SY	4.00	\$36.00	\$144.00	\$26.00	\$104.00		
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	90.00	\$175.00	\$15,750.00	\$108,00	\$9,720.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	4.00	\$85.00	\$340.00	\$270.00	\$1,080.00		
615.0301	TRAFFIC SIGN TYPE C	SF	120.00	\$50,00	\$6,000.00	\$54.00	\$6,480.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	18.00	\$50.00	\$900.00	\$189.00	\$3,402.00		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	4.00	\$250.00	\$1,000.00	\$378.00	\$1,512.00		
615.0601	TRAFFIC SIGN TYPE CC	SF	80.00	\$20.00	\$1,600.00	\$43.00	\$3,440.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	89,000.00	\$1.00	\$89,000.00	\$1.00	\$89,000.00		
618.7	FLAGGERS	HR	3,000.00	\$30.00	\$90,000.00	\$43.00	\$129,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$30,000.00	\$30,000.00	\$110,000.00	\$110,000.00		

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					PS&E	9 NH F	LVIN J & SON INC ROUTE 113 NH 03818-8505		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Totai	Unit Price	Total
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	υ	4.00	\$2,500.00	\$10,000.00	\$5,670.00	\$22,680.00	-	
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	υ	2.00	\$3,000.00	\$6,000.00	\$3,610.00	\$7,220.00		
625.005	FURNISH LED LUMINAIRE	EA	2.00	\$1,500.00	\$3,000.00	\$1,030.00	\$2,060.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	190.00	\$2.50	\$475.00	\$ 6.20	\$1,178.00		
632,0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	ĿF	51,400.00	\$0,25	\$12,850.00	\$0.20	\$10,280.00		
632.0108	RETROREFLECTIVE PAINT PAVE. MARKING, 8" LINE	LF	1,300.00	\$0,75	\$975.00	\$ 1.10	\$1,430.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,200.00	\$1.25	\$12,750.00	\$ 1.40	\$14,280.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	3,100.00	\$1.50	\$4,650.00	\$0.55	\$1,705.00		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	700.00	\$2.00	\$1,400.00	\$ 2.00	\$1,400.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	8,300.00	\$1.00	\$8,300.00	\$1.00	\$8,300.00		
641.	LOAM	СҮ	420.00	\$35.00	\$14,700.00	\$27.00	\$11,340.00		
645.3	EROSION STONE	TON	30.00	\$40.00	\$1,200.00	\$51.50	\$1,545.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	5,100.00	\$3.00	\$15,300.00	\$ 3.60	\$18,360.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	460.00	\$6.00	\$2,760.00	\$4.60	\$2,116.00		
645.531	SILTFENCE	LF	2,750.00	\$3.00	\$8,250.00	\$4.10	\$11,275.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$2,430.00	\$2,430.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	200.00	\$80.00	\$16,000.00	\$124.00	\$24,800.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,600.00	\$1.75	\$6,300.00	\$0.70	\$2,520.00		
647.1	HUMUS	CY	475.00	\$40.00	\$19,000.00	\$ 23.50	\$11,162.50		
650.2	LANDSCAPING	U	1.00	\$7,950.00	\$7,950.00	\$12,900.00	\$12,900.00		
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$50,540.00	\$50,540.00	\$69,900.00	\$69,900.00		
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$35,470.00	\$35,470.00	\$46,400.00	\$46,400.00		
670.104	TEMPORARY PORTABLE LIGHTING	υ	2.00	\$4,500.00	\$9,000.00	\$8,100.00	\$16,200.00		
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	\$20,000.00	\$20,000.00	\$25,800.00	\$25,800.00		
670.95	TEMPORARY SAFETY FENCE	LF	530.00	\$8.00	\$4,240.00	\$5.20	\$2,756.00		
692.	MOBILIZATION	U	1.00	\$158,000.00	\$158,000.00	\$320,000.00	\$320,000.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$1,620.00	\$1,620.00		
698.13	FIELD OFFICE TYPE C	MON	14.00	\$1,600.00	\$22,400.00	\$2,060.00	\$28,840.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
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		

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					PS&E		COLEMAN ALVIN J& SON INC 9 NH ROUTE 113 CONWAY, NH 03818-9505		
item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	10,180.00	\$1.00	\$10,180.00	\$1.00	\$10,180.00		
	Totals:				\$1,756,164.00		\$2,253,953.50		
	Alt. Totals:								
			Totais:		\$1,756,164.00		\$2,253,953.50		



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X-A003(995)

				A-Bidder		PS8	ξE	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference

Items

202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	80.00	\$20.50	\$1,640.00	\$18.00	\$1,440.00	\$200.00
202.6	CURB REMOVAL FOR SALVAGE	LF	110.00	\$15.50	\$1,705.00	\$5.00	\$550.00	\$1,155.00
203.1	COMMON EXCAVATION	СҮ	5,900.00	\$25.00	\$147,500.00	\$15.00	\$88,500.00	\$59,000.00
203.11	COMMON EXCAVATION - LRS	СҮ	880.00	\$25.00	\$22,000.00	\$16.00	\$14,080.00	\$7,920.00
203.2	ROCK EXCAVATION	CY	150.00	\$26.00	\$3,900.00	\$50.00	\$7,500.00	(\$3,600.00)
203.6	EMBANKMENT-IN-PLACE (F)	СҮ	1,030.00	\$15.00	\$15,450.00	\$15.00	\$15,450.00	\$0.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	СҮ	20.00	\$51.50	\$1,030.00	\$100.00	\$2,000.00	(\$970.00)
214.	FINE GRADING	υ	1.00	\$11,000.00	\$11,000.00	\$18,500.00	\$18,500.00	(\$7,500.00)
304.1	SAND (F)	СҮ	1,439.00	\$31.50	\$45,328.50	\$25.00	\$35,975.00	\$9,353.50
304.2	GRAVEL (F)	CY	1,191.00	\$32.00	\$38,112.00	\$30.00	\$35,730.00	\$2,382.00
304.3	CRUSHED GRAVEL (F)	СҮ	1,324.00	\$37.50	\$49,650.00	\$35.00	\$46,340.00	\$3,310.00
304.31	CRUSHED GRAVEL FOR SHIMMING	СҮ	980.00	\$40.00	\$39,200.00	\$35.00	\$34,300.00	\$4,900.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	40.00	\$41.00	\$1,640.00	\$42.00	\$1,680.00	(\$40.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	900.00	\$140.00	\$126,000.00	\$90.00	\$81,000.00	\$45,000.00

403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,650.00	\$108.00	\$178,200.00	\$100.00	\$165,000.00	\$13,200.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	60.00	\$189.00	\$11,340.00	\$200.00	\$12,000.00	(\$660.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	5,950.00	\$1.10	\$6,545.00	\$1.00	\$5,950.00	\$595.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	700.00	\$130.00	\$91,000.00	\$125.00	\$87,500.00	\$3,500.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	550.00	\$11.00	\$6,050.00	\$6.00	\$3,300.00	\$2,750.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	2,800.00	\$19.50	\$54,600.00	\$7.00	\$19,600.00	\$35,000.00
585.3	STONE FILL, CLASS C	СҮ	12.00	\$62.00	\$744.00	\$65.00	\$780.00	(\$36.00)
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON- WOVEN	SY	795.00	\$2.60	\$2,067.00	\$5.00	\$3,975.00	(\$1,908.00)
593.521	PVC GEOMEMBRANE LINER (40 MIL)	SY	390.00	\$10.50	\$4,095.00	\$15.00	\$5,850.00	(\$1,755.00)
603.0001	VIDEO INSPECTION	LF	630.00	\$2.50	\$1,575.00	\$3.50	\$2,205.00	(\$630.00)
603.00215	15" R.C. PIPE, 2000D	LF	370.00	\$72.50	\$26,825.00	\$65.00	\$24,050.00	\$2,775.00
603.11012	12" CORR. STEEL PIPE, .064"	LF	120.00	\$64.50	\$7,740.00	\$55.00	\$6,600.00	\$1,140.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	6.00	\$129.00	\$774.00	\$400.00	\$2,400.00	(\$1,626.00)
603.36118	18" ALUMINIZED STEEL END SECTION	EA	1.00	\$180.00	\$180.00	\$500.00	\$500.00	(\$320.00)
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	150.00	\$66.50	\$9,975.00	\$40.00	\$6,000.00	\$3,975.00
604.0007	POLYETHYLENE LINER	EA	5.00	\$258.00	\$1,290.00	\$200.00	\$1,000.00	\$290.00
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	υ	1.00	\$3,300.00	\$3,300.00	\$3,100.00	\$3,100.00	\$200.00
604.164	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	4.00	\$2,100.00	\$8,400.00	\$2,500.00	\$10,000.00	(\$1,600.00)
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	5.50	\$375.00	\$2,062.50	\$400.00	\$2,200.00	(\$137.50)
604.62	DRAINAGE MANHOLE COVERS AND FRAMES	EA	1.00	\$773.00	\$773.00	\$500.00	\$500.00	\$273.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,030.00	\$51.00	\$52,530.00	\$35.00	\$36,050.00	\$16,480.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	υ	4.00	\$4,400.00	\$17,600.00	\$4,500.00	\$18,000.00	(\$400.00)
608.26	6" CONCRETE SIDEWALK (F)	SY	509.00	\$54.00	\$27,486.00	\$65.00	\$33,085.00	(\$5,599.00)

Friday, May 17, 2019

			1	r				
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	590.00	\$70.00	\$41,300.00	\$75.00	\$44,250.00	(\$2,950.00)
609.01	STRAIGHT GRANITE CURB	LF	2,680.00	\$22.00	\$58,960.00	\$30.00	\$80,400.00	(\$21,440.00)
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	580.00	\$43.00	\$24,940.00	\$45.00	\$26,100.00	(\$1,160.00)
609.02	CURVED GRANITE CURB	LF	60.00	\$35.00	\$2,100.00	\$45.00	\$2,700.00	(\$600.00)
611.05210	10" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	70.00	\$103.00	\$7,210.00	\$120.00	\$8,400.00	(\$1,190.00)
611.41523	STEEL CASING PIPE WITH 10" DI-RJ CARRIER PIPE	LF	15.00	\$103.00	\$1,545.00	\$500.00	\$7,500.00	(\$5,955.00)
611.50010	1" COPPER SERVICE PIPE	LF	90.00	\$41.00	\$3,690.00	\$70.00	\$6,300.00	(\$2,610.00)
611.51010	1" CORPORATION STOP	EA	1.00	\$412.00	\$412.00	\$200.00	\$200.00	\$212.00
611.52007	3/4" CURB STOP WITH BOX	EA	1.00	\$258.00	\$258.00	\$150.00	\$150.00	\$108.00
611.52010	1" CURB STOP WITH BOX	EA	1.00	\$283.00	\$283.00	\$200.00	\$200.00	\$83.00
611.70010	10" FITTING	EA	5.00	\$412.00	\$2,060.00	\$500.00	\$2,500.00	(\$440.00)
611.71010	10" GATE VALVE WITH BOX	EA	1.00	\$2,580.00	\$2,580.00	\$1,500.00	\$1,500.00	\$1,080.00
611.75	AIR RELEASE VALVE WITH VAULT	EA	1.00	\$3,090.00	\$3,090.00	\$1,000.00	\$1,000.00	\$2,090.00
611.77	CHLORINE INJECTION TAP	EA	1.00	\$773.00	\$773.00	\$550.00	\$550.00	\$223.00
611.815	YARD HYDRANT	EA	1.00	\$1,030.00	\$1,030.00	\$300.00	\$300.00	\$730.00
611.9512	BOARD INSULATION, 2" THICK	SY	4.00	\$26.00	\$104.00	\$36.00	\$144.00	(\$40.00)
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	90.00	\$108.00	\$9,720.00	\$175.00	\$15,750.00	(\$6,030.00)
615.023	REMOVING TRAFFIC SIGN TYPE B	υ	4.00	\$270.00	\$1,080.00	\$85.00	\$340.00	\$740.00
615.0301	TRAFFIC SIGN TYPE C	SF	120.00	\$54.00	\$6,480.00	\$50.00	\$6,000.00	\$480.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	υ	18.00	\$189.00	\$3,402.00	\$50.00	\$900.00	\$2,502.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	υ	4.00	\$378.00	\$1,512.00	\$250.00	\$1,000.00	\$512.00
615.0601	TRAFFIC SIGN TYPE CC	SF	80.00	\$43.00	\$3,440.00	\$20.00	\$1,600.00	\$1,840.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	89,000.00	\$1.00	\$89,000.00	\$1.00	\$89,000.00	\$0.00

618.7	FLAGGERS	HR	3,000.00	\$43.00	\$129,000.00	\$30.00	\$90,000.00	\$39,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$110,000.00	\$110,000.00	\$30,000.00	\$30,000.00	\$80,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,670.00	\$22,680.00	\$2,500.00	\$10,000.00	\$12,680.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,610.00	\$7,220.00	\$3,000.00	\$6,000.00	\$1,220.00
625.005	FURNISH LED LUMINAIRE	EA	2.00	\$1,030.00	\$2,060.00	\$1,500.00	\$3,000.00	(\$940.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF _	190.00	\$6.20	\$1,178.00	\$2.50	\$475.00	\$703.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	51,400.00	\$0.20	\$10,280.00	\$0.25	\$12,850.00	(\$2,570.00)
632.0108	RETROREFLECTIVE PAINT PAVE. MARKING, 8" LINE	Lr	1,300.00	\$1.10	\$1,430.00	\$0.75	\$975.00	\$455.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	10,200.00	\$1.40	\$14,280.00	\$1.25	\$12,750.00	\$1,530.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	3,100.00	\$0.55	\$1,705.00	\$1.50	\$4,650.00	(\$2,945.00)
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	700.00	\$2.00	\$1,400.00	\$2.00	\$1,400.00	\$0.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	8,300.00	\$1.00	\$8,300.00	\$1.00	\$8,300.00	\$0.00
641.	LOAM	СҮ	420.00	\$27.00	\$11,340.00	\$35.00	\$14,700.00	(\$3,360.00)
645.3	EROSION STONE	TON	30.00	\$51.50	\$1,545.00	\$40.00	\$1,200.00	\$345.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	5,100.00	\$3.60	\$18,360.00	\$3.00	\$15,300.00	\$3,060.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	460.00	\$4.60	\$2,116.00	\$6.00	\$2,760.00	(\$644.00)
645.531	SILT FENCE	LF	2,750.00	\$4.10	\$11,275.00	\$3.00	\$8,250.00	\$3,025.00
645.7	STORM WATER POLLUTION PREVENTION	υ	1.00	\$2,430.00	\$2,430.00	\$3,000.00	\$3,000.00	(\$570.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	200.00	\$124.00	\$24,800.00	\$80.00	\$16,000.00	\$8,800.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,600.00	\$0.70	\$2,520.00	\$1.75	\$6,300.00	(\$3,780.00)
647.1	HUMUS	СҮ	475.00	\$23.50	\$11,162.50	\$40.00	\$19,000.00	(\$7,837.50)
650.2	LANDSCAPING	U	1.00	\$12,900.00	\$12,900.00	\$7,950.00	\$7,950.00	\$4,950.00

670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$69,900.00	\$69,900.00	\$50,540.00	\$50,540.00	\$19,360.00
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	ບ	1.00	\$46,400.00	\$46,400.00	\$35,470.00	\$35,470.00	\$10,930.00
670.104	TEMPORARY PORTABLE LIGHTING	ບ	2.00	\$8,100.00	\$16,200.00	\$4,500.00	\$9,000.00	\$7,200.00
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	ບ	1.00	\$25,800.00	\$25,800.00	\$20,000.00	\$20,000.00	\$5,800.00
670.95	TEMPORARY SAFETY FENCE	LF	530.00	\$5.20	\$2,756.00	\$8.00	\$4,240.00	(\$1,484.00)
692.	MOBILIZATION	U	1.00	\$320,000.00	\$320,000.00	\$158,000.00	\$158,000.00	\$162,000.00
697.31	PROJECT OPERATIONS PLAN	υ	1.00	\$1,620.00	\$1,620.00	\$2,000.00	\$2,000.00	(\$380.00)
698.13	FIELD OFFICE TYPE C	MON	14.00	\$2,060.00	\$28,840.00	\$1,600.00	\$22,400.00	\$6,440.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	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	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	10,180.00	\$1.00	\$10,180.00	\$1.00	\$10,180.00	\$0.00

Total:

\$2,253,953.50

\$497,789.50

\$1,756,164.00

March 6, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of safety improvements at the intersection of NH Route 28 and NH Route 171 by constructing a roundabout. NH Route 28 work starts approximately 465 feet south of the intersection and proceeds to approximately 720 feet north of the intersection. NH Route 171 work starts approximately 600 feet east of the intersection and proceeds to approximately 600 feet west of the intersection.

FEDERAL FUNDING: 90% (Highway Safety Improvement Program (HSIP)) with anticipated utilization of Turnpike Toll Credits for the State's 10% match.

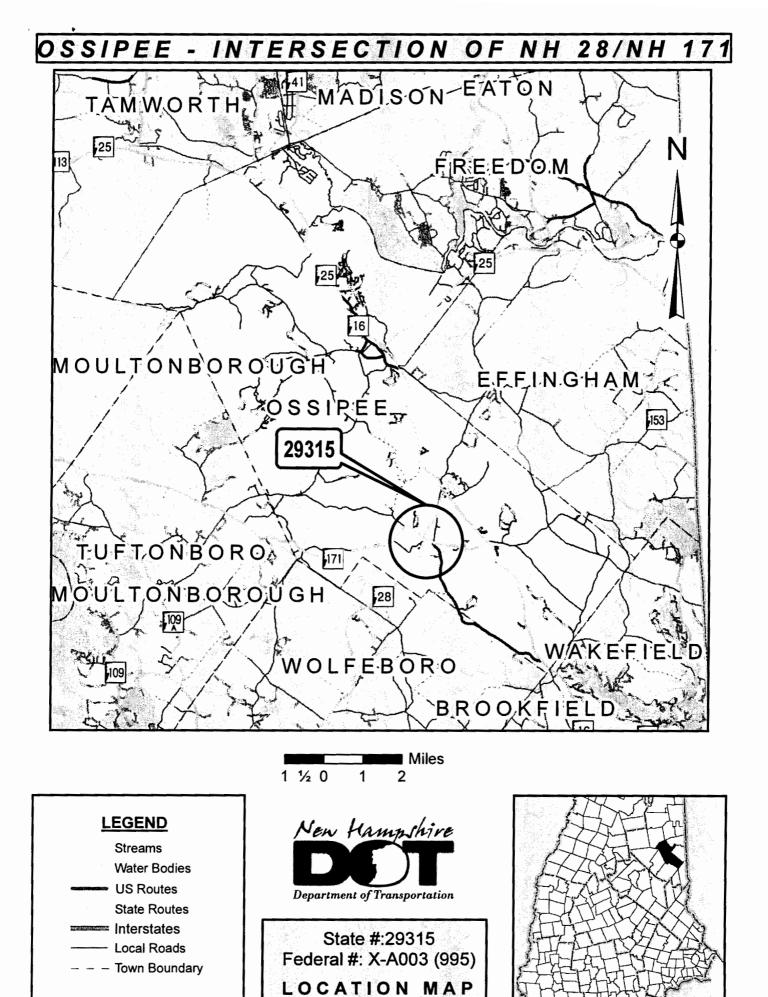
CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This project was developed under accelerated conditions increasing the probability of unknown impacts to the project, such as unanticipated traffic control needs and construction restrictions. Adjusting quantity limits to offset quantity overruns is also not practical.

PROJECT INITIATED: Highway Safety Improvement Program (HSIP)

PROJECT EXPLANATION: The intersection of NH 28 and NH 171 has a history of severe crashes including bodily injury and fatalities. The severest crashes have occurred when vehicles traveling on NH 171, which is stop controlled at this intersection, have entered the intersection and consequently been impacted by vehicles traveling on NH 28. Crash severity will be significantly reduced at this intersection by the reduction in traveling speed and conflict points caused by the geometry of a roundabout.

TRAFFIC IMPLICATION: Traffic impacts are expected to be minimized by maintaining two-way traffic (one lane in each direction) on NH Route 28 during peak hours. Off-peak daily lane closures with single lane alternating two-way traffic patterns will be also used on NH Route 28 during off peak hours. Daily lane closures with single-lane, alternating two-way traffic patterns will be used to complete work on NH Route 171.

FINAL COMPLETION DATE: June 19, 2020



ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

			5/	20/2019						
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.										
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).		ickford								
PRODUCER THE ROWLEY AGENCY INC.	PHONE (602)	224-2562	FAX (A/C, No): (603) 224	-8012						
45 Constitution Avenue	(A/C. No. Ext): (603) E-MAIL ADDRESS: dbickfo		[(A/C, No): (003)22							
P.O. Box 511		NAIC #								
Concord NH 03302-0511		INSURER(S) AFFORDING COVERAGE INSURERA: Firemen's Ins. Co. of Wash. DC								
INSURED	INSURER B : Berksh	ire Hathaw	way Spec. Ins. Co.							
Alvin J. Coleman & Son, Inc.	INSURER C : Maine	Employers	Mutual Ins. Co.	11149						
9 NH Route 113	INSURER D :									
0										
Conway NH 03818-9505 COVERAGES CERTIFICATE NUMBER:	INSURER F :		REVISION NUMBER:							
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE B	EEN ISSUED TO THE IN)						
INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF A CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE E	ANY CONTRACT OR OT	HER DOCUME	NT WITH RESPECT TO WHICH THIS							
INSR ADDL SUBR	POLICY EFF (MM/DD/YYYY)	POLICY EXP	LIMITS							
X COMMERCIAL GENERAL LIABILITY			EACH OCCURRENCE \$	2,000,000						
			DAMAGE TO RENTED PREMISES (Ea occurrence)	300,000						
X CG0001 04/13 CPA5344231	7/1/2018	7/1/2019	MED EXP (Any one person) \$	5,000						
			PERSONAL & ADV INJURY \$	2,000,000						
			GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$	4,000,000						
			PRODUCTS - COMPIOP AGG \$	-,,-						
			COMBINED SINGLE LIMIT \$	2,000,000						
		7/1/2019	BODILY INJURY (Per person) \$							
ALL OWNED SCHEDULED CAA5344232	7/1/2018		BODILY INJURY (Per accident) \$							
X HIRED AUTOS X NON-OWNED AUTOS			PROPERTY DAMAGE \$							
			\$							
UMBRELLA LIAB X OCCUR			EACH OCCURRENCE \$	15,000,000						
B X EXCESS LIAB CLAIMS-MADE DED X RETENTION \$ 10,000 470M030147404	7/1/2018	7/1/2019	AGGREGATE \$	15,000,000						
WORKERS COMPENSATION			X PER OTH- STATUTE ER							
AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE			E.L. EACH ACCIDENT \$	1,000,000						
C (Mandatory in NH) N/A 5101800948	7/1/2018	7/1/2019	E.L. DISEASE - EA EMPLOYEE \$	1,000,000						
If yes, describe under DESCRIPTION OF OPERATIONS below 3A STATES: ME PA			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: Osspiee, 29315 The State of New Hampshire Dept. of Transportation is included as an additonal insured on all liability policies except workers comp when required by written contract with the name insured.										
CERTIFICATE HOLDER	CANCELLATION									
New Hampshire-Dept. of Transportation PO Box 483 Concord, NH 03302-0483			SCRIBED POLICIES BE CANCELLED NOTICE WILL BE DELIVERED IN PROVISIONS.	BEFORE						
	Donna Bickford/DTB Donna L. Beckfor									
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

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	CERTIFICATE OF LIABILITY INSURANCE							5/22/2019				
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.												
1	IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to											
t	the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the											
	ertificate holder in lieu of such endo	rsemei	nt(s).		CONTAC	T Donna B	akford					
	DUCER				NAME: DOIMA DICKIOIA							
	E ROWLEY AGENCY INC. Constitution Avenue				PHONE (A/C, No, Ext); (603) 224 - 2562 (AAX, No); (603) 224 - 8012 E-MAI; ADDRESS; dbickford@rowleyagency.com							
	Constitution Avenue				ADDRES	N410 #						
		3302-	0511			RA: Acadia		DING COVERAGE		NAIC # 31325		
	JRED				INSURE		THBUT ANCE	company		51525		
Sta	ate of NH-Dept. of Transpor	tatio	n		INSURE							
	o Alvin J Coleman & Son Inc				INSURE							
9 1	NH Route 113				INSURE							
Coi	nway NH (3818-	9505		INSURE	RF:						
CO	VERAGES C	RTIFI	CATE	NUMBER:				REVISION NUMBER:				
IN C	HIS IS TO CERTIFY THAT THE POLICIES NDICATED. NOTWITHSTANDING ANY RE ERTIFICATE MAY BE ISSUED OR MAY P XCLUSIONS AND CONDITIONS OF SUC	QUIREI RTAIN, I POLIC	MENT, THE I IES. L	TERM OR CONDITION OF AN NSURANCE AFFORDED BY T IMITS SHOWN MAY HAVE BE	IY CONT HE POL	IRACT OR OTH ICIES DESCRI UCED BY PAID	IER DOCUMEI BED HEREIN I CLAIMS.	NT WITH RESPECT TO WH	ICH THIS	5		
INSR LTR						POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMI	rs			
	COMMERCIAL GENERAL LIABILITY							EACH OCCURRENCE	\$	2,000,000		
A	CLAIMS-MADE X OCCUR							PREMISES (Ea occurrence)	\$			
	X Owners & Contractors Prot	<u>ec</u>		OCPB1952013715		05/22/2019	12/19/2020	MED EXP (Any one person)	\$			
		-						PERSONAL & ADV INJURY	\$	3 000 000		
	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$	3,000,000		
								PRODUCTS - COMP/OP AGG	\$ \$			
			+					COMBINED SINGLE LIMIT	\$			
								(Ea accident) BODILY INJURY (Per person)	s			
	ANY AUTO ALL OWNED SCHEDULED							BODILY INJURY (Per accident)	+			
	AUTOS AUTOS HIRED AUTOS AUTOS							PROPERTY DAMAGE (Per accident)	s			
	HIRED AUTOS AUTOS								s			
	UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$			
	EXCESS LIAB CLAIMS-MA	DE						AGGREGATE	\$			
	DED RETENTION \$								\$			
	WORKERS COMPENSATION							PER OTH- STATUTE ER				
	ANY PROPRIETOR/PARTNER/EXECUTIVE							E.L. EACH ACCIDENT	\$			
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	_						E.L. DISEASE - EA EMPLOYEE	s			
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$			
Re	DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Re: NH-DOT, Ossipee 29315- Construction of roundabout at intersection of Rte 28 & Rte 171 Updated 5/22/19											
CE	RTIFICATE HOLDER				CANC	ELLATION						
New Hampshire Dept. of Transportation PO Box 483 Concord, NH 03302-0483							F, NOTICE WILL BE DELIVE		BEFORE			
					AUTHO	RIZED REPRESEN	ITATIVE					
, D					Donna Bickford/DTB Donna L'hectific							

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