



**THE STATE OF NEW HAMPSHIRE**  
**DEPARTMENT OF TRANSPORTATION**



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**CHRISTOPHER D. CLEMENT, SR.**  
**COMMISSIONER**

**JEFF BRILLHART, P.E.**  
**ASSISTANT COMMISSIONER**

Bureau of Construction  
June 25, 2014

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 American Excavating, Corp. (Vendor 156914) of Derry, NH on the basis of a low bid of \$457,416.35 for safety improvements at the US Route 202/NH Route 9 intersection in Barrington, from the date of Governor and Council approval through June 26, 2015 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows: FY 2015  
04-96-96-963515-3054  
Consolidated Federal Aid  
400-500870 Highway Contract Payments \$457,416.35

2. Further authorize that a contingency in the amount of \$45,741.64 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows: FY 2015  
04-96-96-963515-3054  
Consolidated Federal Aid  
400-500870 Highway Contract Payments \$45,741.64

**EXPLANATION**

This project is part of the annual Highway Safety Improvement Program. The work involves reconfiguring the intersection from an older "Y" configuration to a more standard "T" configuration, with bypass shoulder of turning traffic and improved sight distance. Project work extends approximately 500 feet on each of the 3 approaches to the intersection. This location has been identified as a high accident intersection. Contributing factors include an unusual intersection configuration and limited sight distances to and from the intersection with high eastbound-to-northbound left turn traffic volume, thought to be correctable using minor roadway and traffic control modifications. The project will enhance safety and the operation of the intersection.

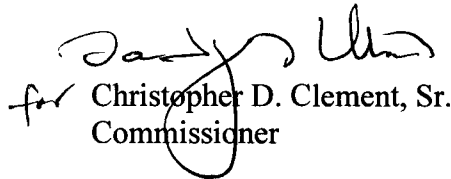
The contingency amount is proposed to be 10% of the contract amount. This is likely a two season project and there is the potential need for fuel and asphalt adjustments due to the uncertainty of fuel and oil prices. Traffic control during the reconfiguration of the intersection will be challenging as well and may require additional traffic control measures.

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. 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% federal funds with 10% 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,

  
for Christopher D. Clement, Sr.  
Commissioner

CDC/md

Department Estimate: \$457,783.20  
Contract Amount: \$457,726.35  
Under Estimate: \$ 56.85

Attachments

March 18, 2014

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project will construct safety improvements at the US Route 202 / NH Route 9 intersection in Barrington as part of the Highway Safety Improvement Program (HSIP). The project scope includes changing the intersection from a “Y” configuration to a more standard “T” configuration, constructing a left turn bypass shoulder, and improving sight distances to and from the intersection. The intersection will remain unsignalized. The project limits extend approximately 500’ west of the intersection on the US 202/NH 9 eastbound approach, 500’ east of the intersection on the NH 9 westbound approach, and 500’ north of the intersection on the US 202 southbound approach.

**FEDERAL FUNDING:** Construction funding is 90% Federal Funding utilizing Turnpike Toll credits as the State’s 10% match

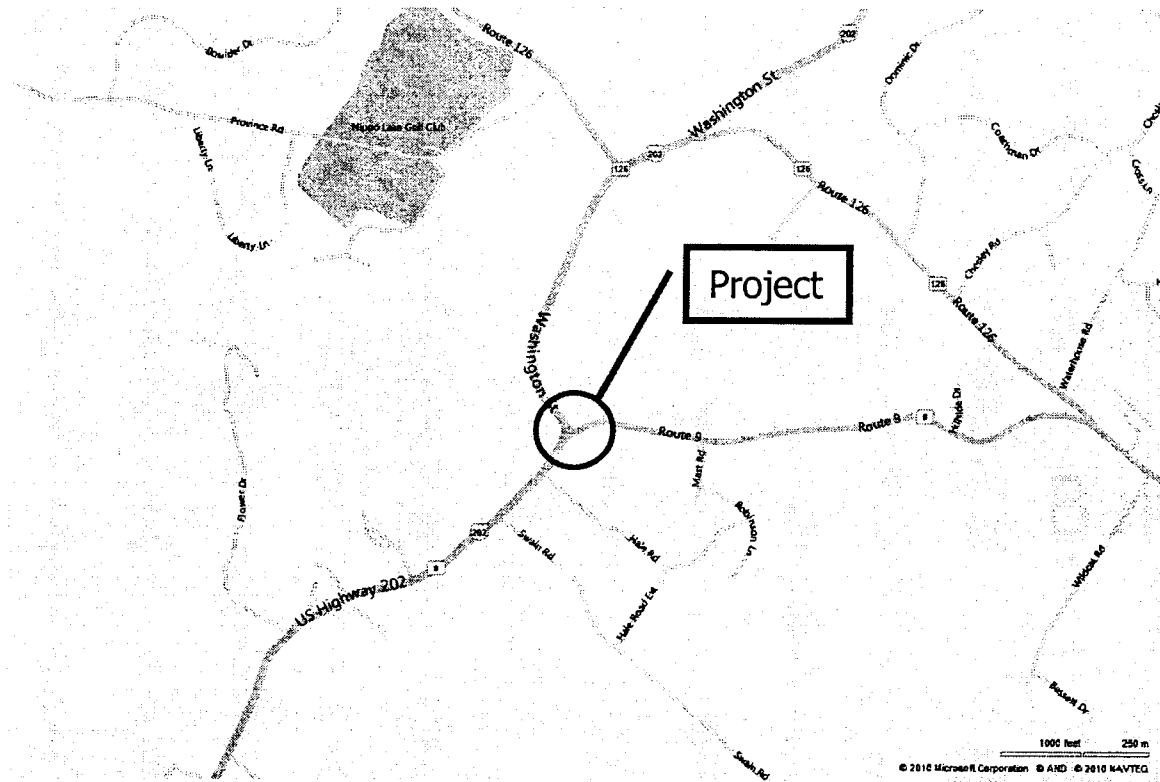
**CONTINGENCY:** The contingency amount is proposed to be 10% for this contract, ~~in accordance with Department policy~~. This is likely a two season project and there is the potential need for fuel and asphalt adjustments due to the uncertainty of fuel and oil prices.

**PROJECT INITIATED:** State’s 10-Year Transportation Improvement Program under the “parent” project HSIP (Highway Safety Improvement Program).

**PROJECT EXPLANATION:** This location has been identified as a high accident intersection. Contributing factors include an unusual intersection configuration and limited sight distances to and from the intersection with high eastbound-to-northbound left turn traffic volume, thought to be correctable using minor roadway and traffic control modifications.

**TRAFFIC IMPLICATION:** Short term single lane two-way traffic may be required during work hours, restored to two-way traffic operation during non-work hours.

**FINAL COMPLETION DATE:** Friday, June 26, 2015.



Barrington 16178: US 202 and NH 9

**State of New Hampshire  
Department of Transportation**

16178.01

**Project:** BARRINGTON X-A001(173) 16178  
**County and Code:** STRAFFORD COUNTY 017  
**Date Bids Open:** May 1, 2014  
**Scope of Work:** ROADWAY IMPROVEMENTS  
**Location:** US ROUTE 202/NH ROUTE 9  
**Completion Date:** June 26, 2015

A AMERICAN EXCAVATING CORPORATION  
5 MADDEN ROAD, DERRY, NH 03038 \$457,416.35

B NORTHEAST EARTH MECHANICS INC  
159 BARNSTEAD ROAD PITTSFIELD NH 03263 \$494,399.86

C NELSON COMMUNICATIONS SERVICES, IN  
354 MILL STREET, CENTER CONWAY, NH 03813 \$509,011.36

D G W BROOKS & SON INC  
362 EATON ROAD RTE 153 FREEDOM NH 03836 \$520,797.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.1	CLEARING AND GRUBBING (F)	A	0.75	\$13,850.00	\$10,387.50	\$9,250.00	\$6,937.50	\$10,000.00	\$7,500.00
201.881	INVASIVE SPECIES CONTROL TYPE 1	SY	2,650.00	\$3.50	\$9,275.00	\$3.30	\$8,745.00	\$4.00	\$10,600.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	100.00	\$31.00	\$3,100.00	\$11.00	\$1,100.00	\$10.00	\$1,000.00
203.1	COMMON EXCAVATION	CY	3,525.00	\$9.35	\$32,958.75	\$8.00	\$28,200.00	\$12.00	\$42,300.00
203.4	MUCK EXCAVATION	CY	200.00	\$12.00	\$2,400.00	\$13.80	\$2,760.00	\$15.00	\$3,000.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	250.00	\$10.25	\$2,562.50	\$8.00	\$2,000.00	\$12.00	\$3,000.00
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$18.50	\$832.50	\$19.00	\$855.00	\$35.00	\$1,575.00
206.2	ROCK STRUCTURE EXCAVATION	CY	2.00	\$165.00	\$330.00	\$0.01	\$0.02	\$60.00	\$120.00
214	FINE GRADING	U	1.00	\$11,500.00	\$11,500.00	\$7,700.00	\$7,700.00	\$10,000.00	\$10,000.00
304.1	SAND (F)	CY	1,150.00	\$20.80	\$23,920.00	\$15.00	\$17,250.00	\$20.00	\$23,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	40.00	\$31.00	\$1,240.00	\$62.00	\$2,480.00	\$20.00	\$800.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	12.00	\$45.00	\$540.00	\$42.00	\$504.00	\$40.00	\$480.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	690.00	\$27.65	\$19,078.50	\$25.50	\$17,595.00	\$30.00	\$20,700.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	1,250.00	\$24.50	\$30,625.00	\$25.50	\$31,875.00	\$28.00	\$35,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	775.00	\$82.00	\$63,550.00	\$93.40	\$72,385.00	\$90.00	\$69,750.00
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	350.00	\$95.00	\$33,250.00	\$104.00	\$36,400.00	\$105.00	\$36,750.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	35.00	\$120.00	\$4,200.00	\$126.00	\$4,410.00	\$120.00	\$4,200.00
403.6	PAVEMENT JOINT ADHESIVE	LF	6,750.00	\$0.26	\$1,755.00	\$1.20	\$8,100.00	\$1.00	\$6,750.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	60.00	\$120.00	\$7,200.00	\$126.00	\$7,560.00	\$135.00	\$8,100.00

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
417	COLD PLANING BITUMINOUS SURFACES	SY	1,250.00	\$7.45	\$9,312.50	\$7.50	\$9,375.00	\$9.00	\$11,250.00		
520.1	CONCRETE CLASS A	CY	4.00	\$450.00	\$1,800.00	\$550.00	\$2,200.00	\$400.00	\$1,600.00		
544	REINFORCING STEEL (F)	LB	32.00	\$2.00	\$64.00	\$2.20	\$70.40	\$2.00	\$64.00		
572.1	RECONSTRUCTING STONE WALL ONE STONE WIDE	LF	660.00	\$25.00	\$16,500.00	\$38.50	\$25,410.00	\$4.00	\$2,640.00		
585.3	STONE FILL, CLASS C	CY	3.00	\$46.00	\$138.00	\$34.75	\$104.25	\$60.00	\$180.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	10.00	\$4.00	\$40.00	\$50.00	\$500.00	\$4.00	\$40.00		
603.0001	VIDEO INSPECTION	LF	160.00	\$3.60	\$576.00	\$4.00	\$640.00	\$6.00	\$960.00		
603.00218	18" R.C. PIPE, 2000D	LF	130.00	\$61.50	\$7,995.00	\$75.00	\$9,750.00	\$80.00	\$10,400.00		
603.34124	24" STEEL END SECTIONS	EA	2.00	\$160.00	\$320.00	\$200.00	\$400.00	\$325.00	\$650.00		
603.50012	12" PIPE FOR DRIVES & MINOR APPROACHES	LF	30.00	\$34.00	\$1,020.00	\$75.00	\$2,250.00	\$30.00	\$900.00		
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	73.50	\$150.00	\$11,025.00	\$165.00	\$12,127.50	\$55.00	\$4,042.50		
615.03	TRAFFIC SIGN TYPE C (F)	SF	102.25	\$45.00	\$4,601.25	\$49.50	\$5,061.38	\$50.00	\$5,112.50		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	1.00	\$62.00	\$62.00	\$165.00	\$165.00	\$100.00	\$100.00		
615.06	TRAFFIC SIGN TYPE CC (F)	SF	86.71	\$10.00	\$867.10	\$11.00	\$953.81	\$16.00	\$1,387.36		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
618.7	FLAGGERS	HR	1,100.00	\$20.50	\$22,550.00	\$25.30	\$27,830.00	\$25.00	\$27,500.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$17,000.00	\$17,000.00	\$10,800.00	\$10,800.00	\$10,000.00	\$10,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,400.00	\$7,200.00	\$2,600.00	\$7,800.00	\$7,500.00	\$22,500.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	3.00	\$1,600.00	\$4,800.00	\$2,000.00	\$6,000.00	\$2,500.00	\$7,500.00		
621.31	SINGLE DELINEATOR WITH POST	EA	46.00	\$35.00	\$1,610.00	\$33.00	\$1,518.00	\$35.00	\$1,610.00		
622.1	STEEL WITNESS MARKERS	EA	6.00	\$17.00	\$102.00	\$31.00	\$186.00	\$35.00	\$210.00		
622.2	CONCRETE BOUNDS	EA	6.00	\$300.00	\$1,800.00	\$385.00	\$2,310.00	\$400.00	\$2,400.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
628.2	SAVED BITUMINOUS PAVEMENT	LF	3,325.00	\$1.00	\$3,325.00	\$1.00	\$3,325.00	\$3.00	\$9,975.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	17,300.00	\$0.25	\$4,325.00	\$0.30	\$5,190.00	\$0.20	\$3,460.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	90.00	\$2.50	\$225.00	\$2.75	\$247.50	\$4.00	\$360.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	40.00	\$5.00	\$200.00	\$5.50	\$220.00	\$7.00	\$280.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	3,000.00	\$0.75	\$2,250.00	\$1.00	\$3,000.00	\$0.80	\$2,400.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	80.00	\$1.50	\$120.00	\$1.65	\$132.00	\$3.00	\$240.00
645.3	EROSION STONE	TON	50.00	\$26.50	\$1,325.00	\$38.00	\$1,900.00	\$25.00	\$1,250.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,225.00	\$3.75	\$4,593.75	\$5.00	\$6,125.00	\$5.00	\$6,125.00
645.531	SILT FENCE	LF	1,525.00	\$1.60	\$2,440.00	\$2.00	\$3,050.00	\$4.00	\$6,100.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,475.00	\$3,475.00	\$2,600.00	\$2,600.00	\$2,200.00	\$2,200.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	110.00	\$45.00	\$4,950.00	\$57.00	\$6,270.00	\$50.00	\$5,500.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	3,750.00	\$3.00	\$11,250.00	\$0.40	\$1,500.00	\$3.00	\$11,250.00
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$5,500.00	\$5,500.00	\$5,765.00	\$5,765.00	\$2,000.00	\$2,000.00
670.95	TEMPORARY SAFETY FENCE	LF	530.00	\$5.00	\$2,650.00	\$1.25	\$662.50	\$5.00	\$2,650.00
692	MOBILIZATION	U	1.00	\$2,450.00	\$2,450.00	\$37,450.00	\$37,450.00	\$16,450.00	\$16,450.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$250.00	\$250.00	\$1,375.00	\$1,375.00	\$300.00	\$300.00
698.14	FIELD OFFICE TYPE D	MON	14.00	\$1,000.00	\$14,000.00	\$520.00	\$7,280.00	\$1,200.00	\$16,800.00



Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
					\$457,416.35		\$494,399.86		\$509,011.36

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
201.1	CLEARING AND GRUBBING (F)	A	0.75	\$6,055.00	\$4,541.25				
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2,650.00	\$3.25	\$8,612.50				
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	100.00	\$17.95	\$1,795.00				
203.1	COMMON EXCAVATION	CY	3,525.00	\$7.25	\$25,556.25				
203.4	MUCK EXCAVATION	CY	200.00	\$14.50	\$2,900.00				
203.6	EMBANKMENT-IN-PLACE (F)	CY	250.00	\$11.25	\$2,812.50				
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$13.65	\$614.25				
206.2	ROCK STRUCTURE EXCAVATION	CY	2.00	\$385.00	\$770.00				
214	FINE GRADING	U	1.00	\$13,755.00	\$13,755.00				
304.1	SAND (F)	CY	1,150.00	\$27.00	\$31,050.00				
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	40.00	\$25.00	\$1,000.00				
304.35	CRUSHED GRAVEL FOR DRIVES	CY	12.00	\$32.00	\$384.00				
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	690.00	\$26.00	\$17,940.00				
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	1,250.00	\$26.00	\$32,500.00				
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	775.00	\$101.00	\$78,275.00				
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	350.00	\$103.00	\$36,050.00				
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	35.00	\$130.00	\$4,550.00				
403.6	PAVEMENT JOINT ADHESIVE	LF	6,750.00	\$0.55	\$3,712.50				
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	60.00	\$115.00	\$6,900.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
417	COLD PLANING BITUMINOUS SURFACES	SY	1,250.00	\$7.60	\$9,500.00		
520.1	CONCRETE CLASS A	CY	4.00	\$830.00	\$3,320.00		
544	REINFORCING STEEL (F)	LB	32.00	\$1.00	\$32.00		
572.1	RECONSTRUCTING STONE WALL ONE STONE WIDE	LF	660.00	\$22.75	\$15,015.00		
585.3	STONE FILL, CLASS C	CY	3.00	\$70.00	\$210.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	10.00	\$10.00	\$100.00		
603.0001	VIDEO INSPECTION	LF	160.00	\$6.75	\$1,080.00		
603.00218	18" R.C. PIPE, 2000D	LF	130.00	\$92.50	\$12,025.00		
603.34124	24" STEEL END SECTIONS	EA	2.00	\$305.50	\$611.00		
603.50012	12" PIPE FOR DRIVES & MINOR APPROACHES	LF	30.00	\$32.50	\$975.00		
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	73.50	\$119.00	\$8,746.50		
615.03	TRAFFIC SIGN TYPE C (F)	SF	102.25	\$65.00	\$6,646.25		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	1.00	\$60.00	\$60.00		
615.06	TRAFFIC SIGN TYPE CC (F)	SF	86.71	\$16.25	\$1,409.04		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00		
618.7	FLAGGERS	HR	1,100.00	\$24.50	\$26,950.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$16,750.00	\$16,750.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$5,297.00	\$15,891.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	3.00	\$3,785.00	\$11,355.00		
621.31	SINGLE DELINEATOR WITH POST	EA	46.00	\$15.50	\$713.00		
622.1	STEEL WITNESS MARKERS	EA	6.00	\$12.50	\$75.00		
622.2	CONCRETE BOUNDS	EA	6.00	\$400.00	\$2,400.00		

Item

D

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
628.2	SAVED BITUMINOUS PAVEMENT	LF	3,325.00	\$2.00	\$6,650.00				
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	17,300.00	\$0.22	\$3,806.00				
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	90.00	\$3.50	\$315.00				
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	40.00	\$50.00	\$2,000.00				
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	3,000.00	\$1.05	\$3,150.00				
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	80.00	\$2.65	\$212.00				
645.3	EROSION STONE	TON	50.00	\$35.75	\$1,787.50				
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,225.00	\$4.75	\$5,818.75				
645.531	SILT FENCE	LF	1,525.00	\$3.75	\$5,718.75				
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,375.00	\$2,375.00				
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	110.00	\$60.00	\$6,600.00				
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	3,750.00	\$2.40	\$9,000.00				
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$4,010.00	\$4,010.00				
670.95	TEMPORARY SAFETY FENCE	LF	530.00	\$4.30	\$2,279.00				
692	MOBILIZATION	U	1.00	\$12,797.96	\$12,797.96				
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$815.00	\$815.00				
698.14	FIELD OFFICE TYPE D	MON	14.00	\$1,420.00	\$19,880.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00		
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00		
					\$520,797.00		

D

## 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	
201.1	CLEARING AND GRUBBING (F)	A	0.75	\$13,850.00	\$10,387.50	\$10,000.00	\$7,500.00	\$2,887.50
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2,650.00	\$3.50	\$9,275.00	\$3.75	\$9,937.50	(\$662.50)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	100.00	\$31.00	\$3,100.00	\$10.00	\$1,000.00	\$2,100.00
203.1	COMMON EXCAVATION	CY	3,525.00	\$9.35	\$32,958.75	\$8.50	\$29,962.50	\$2,996.25
203.4	MUCK EXCAVATION	CY	200.00	\$12.00	\$2,400.00	\$20.00	\$4,000.00	(\$1,600.00)
203.6	EMBANKMENT-IN-PLACE (F)	CY	250.00	\$10.25	\$2,562.50	\$12.00	\$3,000.00	(\$437.50)
206.1	COMMON STRUCTURE EXCAVATION	CY	45.00	\$18.50	\$832.50	\$25.00	\$1,125.00	(\$292.50)
206.2	ROCK STRUCTURE EXCAVATION	CY	2.00	\$165.00	\$330.00	\$100.00	\$200.00	\$130.00
214	FINE GRADING	U	1.00	\$11,500.00	\$11,500.00	\$4,800.00	\$4,800.00	\$6,700.00
304.1	SAND (F)	CY	1,150.00	\$20.80	\$23,920.00	\$17.00	\$19,550.00	\$4,370.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	40.00	\$31.00	\$1,240.00	\$25.00	\$1,000.00	\$240.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	12.00	\$45.00	\$540.00	\$30.00	\$360.00	\$180.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	690.00	\$27.65	\$19,078.50	\$25.00	\$17,250.00	\$1,828.50
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	1,250.00	\$24.50	\$30,625.00	\$24.00	\$30,000.00	\$625.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	775.00	\$82.00	\$63,550.00	\$79.00	\$61,225.00	\$2,325.00
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	350.00	\$95.00	\$33,250.00	\$89.00	\$31,150.00	\$2,100.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	35.00	\$120.00	\$4,200.00	\$128.00	\$4,480.00	(\$280.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	6,750.00	\$0.26	\$1,755.00	\$0.40	\$2,700.00	(\$945.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	60.00	\$120.00	\$7,200.00	\$130.00	\$7,800.00	(\$600.00)

# 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
417	COLD PLANING BITUMINOUS SURFACES	SY	1,250.00	\$7.45	\$9,312.50	\$5.00	\$6,250.00	\$3,062.50
520.1	CONCRETE CLASS A	CY	4.00	\$450.00	\$1,800.00	\$350.00	\$1,400.00	\$400.00
544	REINFORCING STEEL (F)	LB	32.00	\$2.00	\$64.00	\$4.00	\$128.00	(\$64.00)
572.1	RECONSTRUCTING STONE WALL ONE STONE WIDE	LF	660.00	\$25.00	\$16,500.00	\$25.00	\$16,500.00	\$0.00
585.3	STONE FILL, CLASS C	CY	3.00	\$46.00	\$138.00	\$75.00	\$225.00	(\$87.00)
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	10.00	\$4.00	\$40.00	\$6.00	\$60.00	(\$20.00)
603.0001	VIDEO INSPECTION	LF	160.00	\$3.60	\$576.00	\$4.00	\$640.00	(\$64.00)
603.00218	18" R.C. PIPE, 2000D	LF	130.00	\$61.50	\$7,995.00	\$55.00	\$7,150.00	\$845.00
603.34124	24" STEEL END SECTIONS	EA	2.00	\$160.00	\$320.00	\$350.00	\$700.00	(\$380.00)
603.50012	12" PIPE FOR DRIVES & MINOR APPROACHES	LF	30.00	\$34.00	\$1,020.00	\$35.00	\$1,050.00	(\$30.00)
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	73.50	\$150.00	\$11,025.00	\$88.00	\$6,468.00	\$4,557.00
615.03	TRAFFIC SIGN TYPE C (F)	SF	102.25	\$45.00	\$4,601.25	\$42.00	\$4,294.50	\$306.75
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	1.00	\$62.00	\$62.00	\$300.00	\$300.00	(\$238.00)
615.06	TRAFFIC SIGN TYPE CC (F)	SF	86.71	\$10.00	\$867.10	\$20.00	\$1,734.20	(\$867.10)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
618.7	FLAGGERS	HR	1,100.00	\$20.50	\$22,550.00	\$21.00	\$23,100.00	(\$550.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$17,000.00	\$17,000.00	\$15,000.00	\$15,000.00	\$2,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,400.00	\$7,200.00	\$2,500.00	\$7,500.00	(\$300.00)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	3.00	\$1,600.00	\$4,800.00	\$2,000.00	\$6,000.00	(\$1,200.00)
621.31	SINGLE DELINEATOR WITH POST	EA	46.00	\$35.00	\$1,610.00	\$40.00	\$1,840.00	(\$230.00)
622.1	STEEL WITNESS MARKERS	EA	6.00	\$17.00	\$102.00	\$35.00	\$210.00	(\$108.00)
622.2	CONCRETE BOUNDS	EA	6.00	\$300.00	\$1,800.00	\$312.00	\$1,872.00	(\$72.00)

## 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	
628.2	SAVED BITUMINOUS PAVEMENT	LF	3,325.00	\$1.00	\$3,325.00	\$1.50	\$4,987.50	(\$1,662.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	17,300.00	\$0.25	\$4,325.00	\$0.18	\$3,114.00	\$1,211.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	90.00	\$2.50	\$225.00	\$2.50	\$225.00	\$0.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	40.00	\$5.00	\$200.00	\$5.00	\$200.00	\$0.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	3,000.00	\$0.75	\$2,250.00	\$0.60	\$1,800.00	\$450.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	80.00	\$1.50	\$120.00	\$1.50	\$120.00	\$0.00
645.3	EROSION STONE	TON	50.00	\$26.50	\$1,325.00	\$28.00	\$1,400.00	(\$75.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,225.00	\$3.75	\$4,593.75	\$4.00	\$4,900.00	(\$306.25)
645.531	SILT FENCE	LF	1,525.00	\$1.60	\$2,440.00	\$3.00	\$4,575.00	(\$2,135.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,475.00	\$3,475.00	\$2,000.00	\$2,000.00	\$1,475.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	110.00	\$45.00	\$4,950.00	\$60.00	\$6,600.00	(\$1,650.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	3,750.00	\$3.00	\$11,250.00	\$3.00	\$11,250.00	\$0.00
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$500.00
670.95	TEMPORARY SAFETY FENCE	LF	530.00	\$5.00	\$2,650.00	\$5.00	\$2,650.00	\$0.00
692	MOBILIZATION	U	1.00	\$2,450.00	\$2,450.00	\$28,000.00	\$28,000.00	(\$25,550.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$250.00	\$250.00	\$1,500.00	\$1,500.00	(\$1,250.00)
698.14	FIELD OFFICE TYPE D	MON	14.00	\$1,000.00	\$14,000.00	\$1,000.00	\$14,000.00	\$0.00



## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$457,416.35		\$457,783.20	(\$366.85)





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/10/2014

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> Aspen Insurance Agency P O Box 510  Manchester NH 03105		<b>CONTACT NAME:</b> Karen Case <b>PHONE (A/C, No. Ext):</b> (603) 647-0800 <b>FAX (A/C, No.):</b> (603) 647-0330 <b>E-MAIL ADDRESS:</b> kcase@aspen-ins.com	
		<b>INSURER(S) AFFORDING COVERAGE</b>	
		<b>INSURER A:</b> Cincinnati Insurance Company	
		<b>INSURER B:</b> Memic	
		<b>INSURER C:</b>	
		<b>INSURER D:</b>	
		<b>INSURER E:</b>	
		<b>INSURER F:</b>	

**COVERAGES** **CERTIFICATE NUMBER:** CL1451407163 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b>			EPP0235230	4/1/2014	4/1/2015	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$ 1,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMPOP AGG \$ 2,000,000
							\$
A	<b>AUTOMOBILE LIABILITY</b>			EBA0243942	4/1/2014	4/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							Endorsement \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		EPP0235230	4/1/2014	4/1/2015	EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 5,000,000
	<input type="checkbox"/> DED	<input type="checkbox"/> RETENTION \$					\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>			3102800890 MA & NH	4/1/2014	4/1/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y/N	N/A				E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000
A	<b>Installation Floater</b>			EPP0235230	4/1/2014	4/1/2015	Limit \$250,000 Deductible \$500

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 Re: The Town of Barrington Project No. X-A001(173) 16178. This project consists of Roadway improvements at US Route 202/NH Route 9 Barrington, NH. Cancellation: 30 days Except 10 days for non-payment of premium.

<b>CERTIFICATE HOLDER</b>  The State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH 03301	<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.  AUTHORIZED REPRESENTATIVE  Karen Case/KAREN 
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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
6/10/2014

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.

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<b>PRODUCER</b> Aspen Insurance Agency P O Box 510  Manchester NH 03105	<b>CONTACT NAME:</b> Karen Case <b>PHONE (A/C No. Ext):</b> (603) 647-0800 <b>E-MAIL ADDRESS:</b> kcase@aspen-ins.com	<b>FAX (A/C No.):</b> (603) 647-0330
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> State of New Hampshire Dept of Transportation c/o American Excavating PO Box 1220 Derry NH 03038	<b>INSURER A:</b> Cincinnati Insurance Company <b>NAIC #</b> 10677	
	<b>INSURER B:</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**                      **CERTIFICATE NUMBER:** CL1461007250                      **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<b>GENERAL LIABILITY</b>			CAP5234303	6/10/2014	6/10/2015	EACH OCCURRENCE	\$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person)	\$
	<input checked="" type="checkbox"/> OCP						PERSONAL & ADV INJURY	\$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 3,000,000
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG	\$
	<b>AUTOMOBILE LIABILITY</b>						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS							\$
	<input type="checkbox"/> NON-OWNED AUTOS							\$
	<b>UMBRELLA LIAB</b>						EACH OCCURRENCE	\$
	<input type="checkbox"/> OCCUR						AGGREGATE	\$
	<b>EXCESS LIAB</b>							\$
	<input type="checkbox"/> CLAIMS-MADE							\$
	DED							\$
	RETENTION \$							\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>						WC STATUTORY LIMITS	OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below			N/A			E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
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<b>CERTIFICATE HOLDER</b>  The State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH 03301	<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>  Karen Case/KAREN 