



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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JEFF BRILLHART, P.E.
ACTING COMMISSIONER

Bureau of Construction
 December 18, 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, Inc. (Vendor 156914) of Derry, NH on the basis of a low bid of \$1,166,727.54 for signalizing the intersection of NH Route 106, Staniels Road and Josiah Bartlett Road in the Town of Loudon, from the date of Governor and Council approval through September 11, 2015 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows for FY 2015 and is contingent upon the availability and continued appropriation of FY 2016 funds.

Funding is available as follows:	<u>FY 2015</u>	<u>FY 2016</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$1,100,000.00	\$66,727.54

2. Further authorize that a contingency in the amount of \$116,672.75 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:	<u>FY 2015</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$116,672.75

EXPLANATION

This project is part of the annual Highway Safety Improvement Program (HSIP). The project involves widening NH 106 to provide dedicated left turn lanes and signalization of the intersection. A crash history for this intersection includes two fatalities and multiple serious injury related crashes. Turning movements to and from the side roads are impaired by heavy traffic on the major road, especially during peak commuting hours, and high operation speeds, the posted speed on NH 106 being 55 mph. Turning traffic must choose an adequate gap in NH 106 traffic. Right turns from NH 106 may impede the intersection sight distance for the side roads and obscure oncoming through traffic. Reconfiguration of the intersection to install traffic signals and additional lanes on NH 106 will provide controlled access to NH 106 under signal control and improved safety and levels of service for all turning vehicles.

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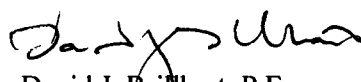
The contingency amount is proposed to be 10% of the contract amount. Cost overruns could come from fluctuation of pavement prices and work matches from possible development within the project limits.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and that the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 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,



David J. Brillhart, P.E.
Acting Commissioner

DJB/md

Department Estimate: \$1,169,455.00
Contract Amount: \$1,166,727.54
Under Estimate: \$ 2,727.46

Attachments

November 3, 2014

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project will signalize the intersection of NH Route 106, Staniels Rd. and Josiah Bartlett Rd. in the Town of Loudon. NH Route 106 will be widened at the intersection to provide a dedicated through lane and a shared through/right turn lane both northbound and southbound, and a dedicated left turn lane into Staniels Rd. and into Josiah Bartlett Rd. Staniels Rd. will be widened slightly to accommodate a shared through/left turn lane and a dedicated right turn lane. Widening on NH Route 106 will be only on the east side. Pavement on NH Route 106 will be rehabbed with a full width inlay and overlay, roadway drainage will be modified or replaced and guardrail will be replaced.

FEDERAL FUNDING: Construction funding is 90% Federal Funding with anticipated utilization of Turnpike Toll Credits as the State's 10% match.

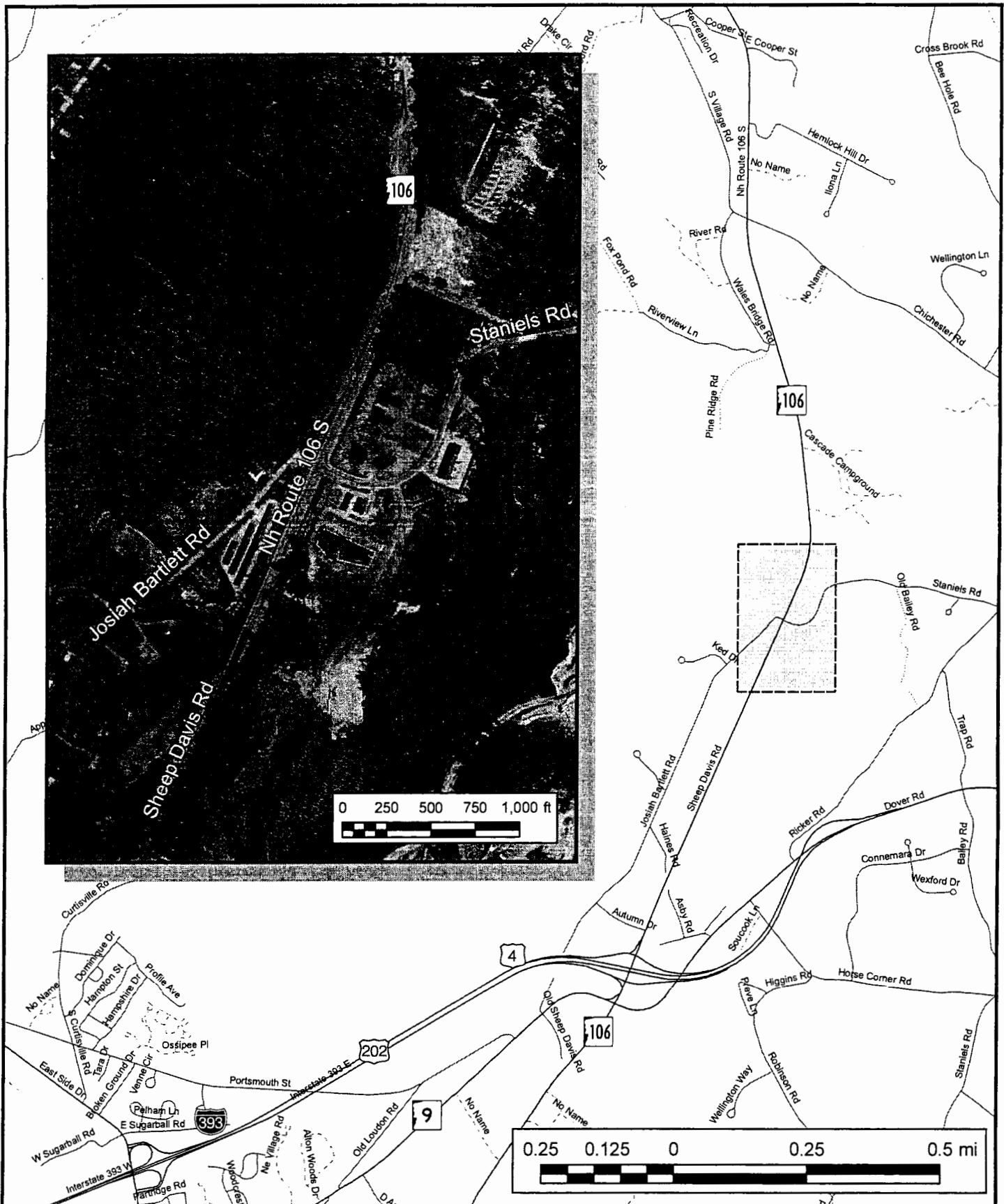
CONTINGENCY: Further authorize that a contingency in the amount of 10% of the contract amount be approved. Cost overruns could come from fluctuation of pavement prices and work matches from possible development within the project limits.

PROJECT INITIATED: State's 10-Year Transportation Improvement Program under the "parent" project Statewide HSIP 6767 (Highway Safety Improvements Program)

PROJECT EXPLANATION: A crash history for this intersection includes two fatalities and multiple serious injury related crashes. Turning movements to and from the side roads are impaired by heavy traffic on the major road, especially during peak commuting hours, and high operation speeds, the posted speed on NH 106 being 55 mph. Turning traffic must choose an adequate gap in NH 106 traffic. Right turns from NH 106 may impede the intersection sight distance for the side roads and obscure oncoming through traffic. Reconfiguration of the intersection to install traffic signals and additional lanes on NH 106 will provide improved safety and levels of service for all turning vehicles.

TRAFFIC IMPLICATIONS: Lane and shoulder constrictions or closures are not allowed during a holiday (including the day before or after), Sundays, special events, or the periods of major races at New Hampshire Motor Speedway (NHMS), including specific NASCAR race week (July 13th-20th), or Motorcycle Week June 13-21, 2015. Any pavement rehabilitation started – the inlay, shoulder pavement removal and/or full width wearing course – shall be brought up to grade with pavement markings in place 2 weeks prior to the NASCAR Race date. No lane closures will be allowed Monday through Saturday for the periods of 6 am to 8 am and 3 pm to 6 pm. A uniform riding surface shall be provided during the Motorcycle Week of June 13-21, 2015 relative to the Loudon Classic Motorcycle Races. The posted speed limit will be reduced from 55 mph to 40 mph during work operations.

COMPLETION DATE: September 11, 2015



State of New Hampshire Department of Transportation

24941.01

Project:	LOUDON X-A003(001) 24941		
County and Code:	MERRIMACK COUNTY 013		
Date Bids Open:	December 11, 2014		
Scope of Work:	SIGNALIZING AN INTERSECTION		
Location:	NH ROUTE 106, STANIELS ROAD AND JOSIAH BARTLETT ROAD IN LOUDON		
Completion Date:	September 11, 2015		
A AMERICAN EXCAVATING CORPORATION 5 MADDEN ROAD, DERRY, NH 03038			\$1,166,727.54
B BUSBY CONSTRUCTION CO., INC. 71 NH ROUTE 111 ATKINSON, NH 03811			\$1,178,067.04
C WEAVER BROS CONST CO INC 1629 ROUTE 3A BOW NH 03304			\$1,179,222.86
D F L MERRILL CONSTRUCTION INC 35 VETERANS DRIVE LOUDON NH 03307			\$1,183,130.37
E NORTHEAST EARTH MECHANICS INC 159 BARNSTEAD ROAD PITTSFIELD NH 03263			\$1,287,106.67

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Total
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	400.00	\$4.39	\$1,756.00	\$2.00	\$800.00	\$2.00	\$800.00	\$800.00
202.31	FILL ABANDONED PIPE	CY	160.00	\$165.53	\$26,484.80	\$175.00	\$28,000.00	\$165.00	\$26,400.00	\$26,400.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	800.00	\$8.97	\$7,176.00	\$10.00	\$8,000.00	\$9.75	\$7,800.00	\$7,800.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	4.00	\$879.83	\$3,519.32	\$250.00	\$1,000.00	\$315.00	\$1,260.00	\$1,260.00
202.6	CURB REMOVAL FOR STORAGE	LF	226.00	\$7.32	\$1,654.32	\$1.50	\$339.00	\$8.00	\$1,808.00	\$1,808.00
202.7	REMOVAL OF GUARDRAIL	LF	1,425.00	\$1.25	\$1,781.25	\$1.25	\$1,781.25	\$1.05	\$1,496.25	\$1,496.25
202.841	REMOVAL OF PULLBOX	EA	3.00	\$305.60	\$916.80	\$100.00	\$300.00	\$95.00	\$285.00	\$285.00
203.1	COMMON EXCAVATION	CY	2,100.00	\$14.86	\$31,206.00	\$14.00	\$29,400.00	\$9.25	\$19,425.00	\$19,425.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$829.16	\$1,658.32	\$600.00	\$1,200.00	\$815.00	\$1,630.00	\$1,630.00
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	112.50	\$9.73	\$1,094.63	\$40.00	\$4,500.00	\$15.00	\$1,687.50	\$1,687.50
203.55549	GUARDRAIL 50' EAGRT OFFSET PLATFORM	U	4.00	\$582.43	\$2,329.72	\$1,200.00	\$4,800.00	\$1,250.00	\$5,000.00	\$5,000.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	189.50	\$7.28	\$1,379.56	\$22.00	\$4,169.00	\$14.95	\$2,833.03	\$2,833.03
203.6	EMBANKMENT-IN-PLACE (F)	CY	725.00	\$5.68	\$4,118.00	\$4.95	\$3,588.75	\$6.25	\$4,531.25	\$4,531.25
206.1	COMMON STRUCTURE EXCAVATION	CY	25.00	\$39.01	\$975.25	\$18.00	\$450.00	\$16.25	\$406.25	\$406.25
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25.00	\$85.14	\$2,128.50	\$38.00	\$950.00	\$85.00	\$2,125.00	\$2,125.00
214	FINE GRADING	U	1.00	\$39,485.93	\$39,485.93	\$15,000.00	\$15,000.00	\$17,500.00	\$17,500.00	\$17,500.00
304.1	SAND (F)	CY	420.00	\$18.79	\$7,891.80	\$17.90	\$7,518.00	\$11.95	\$5,019.00	\$5,019.00
304.2	GRAVEL (F)	CY	680.00	\$21.10	\$14,348.00	\$19.95	\$13,566.00	\$12.75	\$8,670.00	\$8,670.00
304.3	CRUSHED GRAVEL (F)	CY	1,090.00	\$22.11	\$24,099.90	\$25.00	\$27,250.00	\$23.25	\$25,342.50	\$25,342.50
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	85.00	\$38.02	\$3,231.70	\$32.65	\$2,775.25	\$27.00	\$2,295.00	\$2,295.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	125.00	\$34.54	\$4,317.50	\$30.00	\$3,750.00	\$33.50	\$4,187.50	\$4,187.50

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Unit Price	Total	Total
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	3,450.00	\$72.63	\$250,573.50	\$72.00	\$248,400.00	\$73.00		\$251,850.00	
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,675.00	\$82.43	\$138,070.25	\$79.00	\$132,325.00	\$81.00		\$135,675.00	
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	175.00	\$110.53	\$19,342.75	\$115.00	\$20,125.00	\$125.00		\$21,875.00	
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	4,600.00	\$1.00	\$4,600.00	\$1.30	\$5,980.00	\$1.45		\$6,670.00	
403.6	PAVEMENT JOINT ADHESIVE	LF	28,000.00	\$0.35	\$9,800.00	\$0.27	\$7,560.00	\$0.45		\$12,600.00	
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	135.00	\$75.72	\$10,222.20	\$84.00	\$11,340.00	\$86.00		\$11,610.00	
411.46	PLANT MIX SURFACE TREAT- MENT (ASPHALT CEMENT), 3/4 INCH	TON	75.00	\$100.00	\$7,500.00	\$84.00	\$6,300.00	\$86.00		\$6,450.00	
417	COLD PLANING BITUMINOUS SURFACES	SY	15,500.00	\$1.60	\$24,800.00	\$1.95	\$30,225.00	\$1.80		\$27,900.00	
520.1	CONCRETE CLASS A	CY	2.00	\$350.00	\$700.00	\$600.00	\$1,200.00	\$1,200.00		\$2,400.00	
544	REINFORCING STEEL (F)	LB	20.00	\$2.50	\$50.00	\$2.00	\$40.00	\$2.00		\$40.00	
585.3	STONE FILL, CLASS C	CY	2.00	\$61.14	\$122.28	\$85.00	\$170.00	\$100.00		\$200.00	
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	4.00	\$23.81	\$95.24	\$5.00	\$20.00	\$5.00		\$20.00	
603.0001	VIDEO INSPECTION	LF	1,250.00	\$1.50	\$1,875.00	\$1.00	\$1,250.00	\$1.25		\$1,562.50	
603.00215	15" R.C. PIPE, 2000D	LF	40.00	\$123.77	\$4,950.80	\$85.00	\$3,400.00	\$145.00		\$5,800.00	
604.0007	POLYETHYLENE LINER	EA	4.00	\$169.54	\$678.16	\$150.00	\$600.00	\$145.00		\$580.00	
604.12	CATCH BASINS TYPE B	U	4.50	\$2,144.10	\$9,648.45	\$2,000.00	\$9,000.00	\$2,050.00		\$9,225.00	
604.16	CATCH BASINS TYPE F	U	1.00	\$3,276.54	\$3,276.54	\$2,200.00	\$2,200.00	\$2,225.00		\$2,225.00	
604.32	DRAINAGE MANHOLES	U	2.20	\$2,494.71	\$5,488.36	\$2,300.00	\$5,060.00	\$2,075.00		\$4,565.00	
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	1.10	\$4,062.49	\$4,468.74	\$2,900.00	\$3,190.00	\$2,675.00		\$2,942.50	
604.326	DRAINAGE MANHOLES, 6-FOOT DIAMETER	U	1.00	\$4,727.11	\$4,727.11	\$3,200.00	\$3,200.00	\$3,550.00		\$3,550.00	

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604.328	DRAINAGE MANHOLES, 8-FOOT DIAMETER	U	1.10	\$6,037.76	\$6,641.54	\$8,000.00	\$8,800.00	\$5,900.00	\$6,490.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$711.05	\$2,133.15	\$275.00	\$825.00	\$350.00	\$1,050.00		
605.5121	12" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	630.00	\$23.50	\$14,805.00	\$22.00	\$13,860.00	\$23.50	\$14,805.00		
605.5151	15" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	300.00	\$27.40	\$8,220.00	\$26.00	\$7,800.00	\$28.00	\$8,400.00		
605.5181	18" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	300.00	\$33.29	\$9,987.00	\$30.00	\$9,000.00	\$50.00	\$15,000.00		
606.012	W6X9 STEEL POST REPLACE- MENTS FOR BEAM GUARDRAIL POSTS	EA	8.00	\$58.00	\$464.00	\$60.00	\$480.00	\$63.00	\$504.00		
606.0122	STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POST	EA	8.00	\$9.00	\$72.00	\$8.40	\$67.20	\$10.50	\$84.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	3.00	\$1,950.00	\$5,850.00	\$1,890.00	\$5,670.00	\$2,100.00	\$6,300.00		
606.1256	TERMINAL UNIT (X-TENSION)	U	1.00	\$5,100.00	\$5,100.00	\$5,195.00	\$5,195.00	\$5,250.00	\$5,250.00		
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	189.50	\$25.50	\$4,832.25	\$26.50	\$5,021.75	\$25.20	\$4,775.40		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,475.00	\$17.00	\$25,075.00	\$17.00	\$25,075.00	\$16.90	\$24,927.50		
608.26	6" CONCRETE SIDEWALK (F)	SY	85.00	\$82.98	\$7,053.30	\$46.00	\$3,910.00	\$42.00	\$3,570.00		
609.21	STRAIGHT GRANITE SLOPE CURB	LF	138.00	\$16.64	\$2,296.32	\$15.25	\$2,104.50	\$17.50	\$2,415.00		

Item No:	Description	Unit	Quantity	A			B			C		
				Unit Price	Total	Unit Price	Unit Price	Total	Unit Price	Total	Unit Price	Total
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	6.30	\$18.14	\$114.28	\$15.25		\$96.08	\$17.50	\$110.25		
609.23	CURVED GRANITE SLOPE CURB	LF	3.00	\$77.14	\$231.42	\$78.00		\$234.00	\$80.00	\$240.00		
609.5	RESET GRANITE CURB	LF	340.00	\$9.14	\$3,107.60	\$7.45		\$2,533.00	\$10.10	\$3,434.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	400.00	\$5.00	\$2,000.00	\$6.25		\$2,500.00	\$7.00	\$2,800.00		
614.331	3" STEEL CONDUIT	LF	10.00	\$18.00	\$180.00	\$20.00		\$200.00	\$21.00	\$210.00		
614.511	CONCRETE PULL BOX 14"	EA	3.00	\$315.00	\$945.00	\$390.00		\$1,170.00	\$399.00	\$1,197.00		
614.522	MOLDED PULL BOX 13"X24"	EA	2.00	\$315.00	\$630.00	\$390.00		\$780.00	\$399.00	\$798.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	180.00	\$9.00	\$1,620.00	\$10.00		\$1,800.00	\$21.00	\$3,780.00		
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	130.00	\$20.00	\$2,600.00	\$20.00		\$2,600.00	\$26.25	\$3,412.50		
615.02	TRAFFIC SIGN TYPE B (F)	SF	2.67	\$58.00	\$154.86	\$63.00		\$168.21	\$63.80	\$170.35		
615.03	TRAFFIC SIGN TYPE C (F)	SF	98.50	\$40.00	\$3,940.00	\$63.00		\$6,205.50	\$44.00	\$4,334.00		
615.05	TRAFFIC SIGN TYPE BB (F)	SF	2.67	\$12.00	\$32.04	\$21.00		\$56.07	\$13.50	\$36.05		
615.06	TRAFFIC SIGN TYPE CC (F)	SF	26.17	\$12.00	\$314.04	\$19.00		\$497.23	\$14.00	\$366.38		
616.101	TRAFFIC SIGNALS	U	1.00	\$113,000.00	\$113,000.00	\$113,000.00		\$113,000.00	\$114,000.00	\$114,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00		\$25,000.00	\$1.00	\$25,000.00		
618.7	FLAGGERS	HR	1,800.00	\$20.91	\$37,638.00	\$22.00		\$39,600.00	\$23.50	\$42,300.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$22,917.82	\$22,917.82	\$42,000.00		\$42,000.00	\$44,500.00	\$44,500.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$3,434.97	\$10,304.91	\$6,800.00		\$20,400.00	\$2,500.00	\$7,500.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,777.46	\$11,554.92	\$2,500.00		\$5,000.00	\$1,750.00	\$3,500.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	15.00	\$5.00	\$75.00	\$5.25		\$78.75	\$4.40	\$66.00		
621.31	SINGLE DELINEATOR WITH POST	EA	27.00	\$31.00	\$837.00	\$32.00		\$864.00	\$35.20	\$950.40		
621.32	DOUBLE DELINEATOR WITH POST	EA	2.00	\$33.00	\$66.00	\$34.00		\$68.00	\$44.00	\$88.00		

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
621.33	SINGLE DELINEATOR DOUBLE FACED WITH POST	EA	3.00	\$33.00	\$99.00	\$34.00	\$102.00	\$44.00	\$132.00		
622.1	STEEL WITNESS MARKERS	EA	5.00	\$33.00	\$165.00	\$35.00	\$175.00	\$27.50	\$137.50		
628.2	SAWED BITUMINOUS PAVEMENT	LF	4,525.00	\$1.22	\$5,520.50	\$1.50	\$6,787.50	\$1.50	\$6,787.50		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	56,000.00	\$0.16	\$8,960.00	\$0.15	\$8,400.00	\$0.15	\$8,400.00		
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	125.00	\$1.65	\$206.25	\$1.05	\$131.25	\$2.20	\$275.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,175.00	\$0.75	\$881.25	\$0.48	\$564.00	\$0.83	\$975.25		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	130.00	\$3.75	\$487.50	\$3.15	\$409.50	\$4.40	\$572.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	615.00	\$7.00	\$4,305.00	\$4.75	\$2,921.25	\$7.70	\$4,735.50		
645.3	EROSION STONE	TON	125.00	\$18.08	\$2,260.00	\$22.00	\$2,750.00	\$26.00	\$3,250.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	550.00	\$4.51	\$2,480.50	\$3.85	\$2,117.50	\$5.00	\$2,750.00		
645.531	SILT FENCE	LF	450.00	\$4.54	\$2,043.00	\$2.15	\$967.50	\$2.50	\$1,125.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00	\$2,500.00	\$2,500.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	85.00	\$63.79	\$5,422.15	\$50.00	\$4,250.00	\$50.00	\$4,250.00		
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	0.80	\$2,150.00	\$1,720.00	\$2,200.00	\$1,760.00	\$2,310.00	\$1,848.00		
647.1	HUMUS	CY	430.00	\$19.95	\$8,578.50	\$19.00	\$8,170.00	\$13.50	\$5,805.00		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$96.05	\$96.05	\$150.00	\$150.00	\$165.00	\$165.00		
692	MOBILIZATION	U	1.00	\$34,237.71	\$34,237.71	\$56,000.00	\$56,000.00	\$63,355.00	\$63,355.00		

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$600.00	\$600.00	\$800.00	\$800.00	\$825.00	\$825.00
698.13	FIELD OFFICE TYPE C	MON	9.00	\$1,400.00	\$12,600.00	\$1,600.00	\$14,400.00	\$1,000.00	\$9,000.00
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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	11,730.00	\$1.00	\$11,730.00	\$1.00	\$11,730.00	\$1.00	\$11,730.00
					\$1,166,727.54		\$1,178,067.04		\$1,179,222.86

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	400.00	\$3.50	\$1,400.00	\$4.50	\$1,800.00
202.31	FILL ABANDONED PIPE	CY	160.00	\$100.00	\$16,000.00	\$180.00	\$28,800.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	800.00	\$10.00	\$8,000.00	\$21.00	\$16,800.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	4.00	\$350.00	\$1,400.00	\$675.00	\$2,700.00
202.6	CURB REMOVAL FOR STORAGE	LF	226.00	\$3.40	\$768.40	\$5.50	\$1,243.00
202.7	REMOVAL OF GUARDRAIL	LF	1,425.00	\$1.25	\$1,781.25	\$2.60	\$3,705.00
202.841	REMOVAL OF PULLBOX	EA	3.00	\$50.00	\$150.00	\$113.00	\$339.00
203.1	COMMON EXCAVATION	CY	2,100.00	\$10.00	\$21,000.00	\$8.00	\$16,800.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$850.00	\$1,700.00	\$680.00	\$1,360.00
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	112.50	\$10.00	\$1,125.00	\$23.00	\$2,587.50
203.55549	GUARDRAIL 50' EAGRT OFFSET PLATFORM	U	4.00	\$850.00	\$3,400.00	\$1,500.00	\$6,000.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	189.50	\$10.00	\$1,895.00	\$23.00	\$4,358.50
203.6	EMBANKMENT-IN-PLACE (F)	CY	725.00	\$2.80	\$2,030.00	\$6.50	\$4,712.50
206.1	COMMON STRUCTURE EXCAVATION	CY	25.00	\$40.00	\$1,000.00	\$66.00	\$1,650.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25.00	\$45.00	\$1,125.00	\$66.00	\$1,650.00
214	FINE GRADING	U	1.00	\$12,500.00	\$12,500.00	\$10,250.00	\$10,250.00
304.1	SAND (F)	CY	420.00	\$10.00	\$4,200.00	\$19.00	\$7,980.00
304.2	GRAVEL (F)	CY	680.00	\$16.00	\$10,880.00	\$20.50	\$13,940.00
304.3	CRUSHED GRAVEL (F)	CY	1,090.00	\$22.00	\$23,980.00	\$23.00	\$25,070.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	85.00	\$28.00	\$2,380.00	\$33.00	\$2,805.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	125.00	\$28.00	\$3,500.00	\$49.00	\$6,125.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	3,450.00	\$79.00	\$272,550.00	\$81.00	\$279,450.00
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,675.00	\$90.00	\$150,750.00	\$93.00	\$155,775.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	175.00	\$120.00	\$21,000.00	\$120.00	\$21,000.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	4,600.00	\$1.00	\$4,600.00	\$1.00	\$4,600.00
403.6	PAVEMENT JOINT ADHESIVE	LF	28,000.00	\$0.25	\$7,000.00	\$0.30	\$8,400.00
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	135.00	\$84.00	\$11,340.00	\$85.00	\$11,475.00
411.46	PLANT MIX SURFACE TREAT- MENT (ASPHALT CEMENT), 3/4 INCH	TON	75.00	\$110.00	\$8,250.00	\$113.00	\$8,475.00
417	COLD PLANING BITUMINOUS SURFACES	SY	15,500.00	\$1.60	\$24,800.00	\$1.75	\$27,125.00
520.1	CONCRETE CLASS A	CY	2.00	\$600.00	\$1,200.00	\$566.00	\$1,132.00
544	REINFORCING STEEL (F)	LB	20.00	\$4.00	\$80.00	\$2.25	\$45.00
585.3	STONE FILL, CLASS C	CY	2.00	\$46.00	\$92.00	\$32.00	\$64.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	4.00	\$4.50	\$18.00	\$133.00	\$532.00
603.0001	VIDEO INSPECTION	LF	1,250.00	\$1.75	\$2,187.50	\$0.85	\$1,062.50
603.00215	15" R.C. PIPE, 2000D	LF	40.00	\$85.00	\$3,400.00	\$150.00	\$6,000.00
604.0007	POLYETHYLENE LINER	EA	4.00	\$175.00	\$700.00	\$150.00	\$600.00
604.12	CATCH BASINS TYPE B	U	4.50	\$2,600.00	\$11,700.00	\$3,440.00	\$15,480.00
604.16	CATCH BASINS TYPE F	U	1.00	\$2,650.00	\$2,650.00	\$3,700.00	\$3,700.00
604.32	DRAINAGE MANHOLES	U	2.20	\$3,000.00	\$6,600.00	\$3,500.00	\$7,700.00
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	1.10	\$3,250.00	\$3,575.00	\$3,700.00	\$4,070.00
604.326	DRAINAGE MANHOLES, 6-FOOT DIAMETER	U	1.00	\$3,600.00	\$3,600.00	\$4,500.00	\$4,500.00

Item No.	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
604.328	DRAINAGE MANHOLES, 8-FOOT DIAMETER	U	1.10	\$6,300.00	\$6,930.00	\$8,000.00	\$8,800.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$300.00	\$900.00	\$800.00	\$2,400.00
605.5121	12" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	630.00	\$56.00	\$35,280.00	\$44.00	\$27,720.00
605.5151	15" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	300.00	\$60.00	\$18,000.00	\$46.00	\$13,800.00
605.5181	18" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	300.00	\$70.00	\$21,000.00	\$80.00	\$24,000.00
606.012	W6X9 STEEL POST REPLACE- MENTS FOR BEAM GUARDRAIL POSTS	EA	8.00	\$58.00	\$464.00	\$68.00	\$544.00
606.0122	STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POST	EA	8.00	\$8.00	\$64.00	\$11.00	\$88.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	3.00	\$1,800.00	\$5,400.00	\$2,350.00	\$7,050.00
606.1256	TERMINAL UNIT (X-TENSION)	U	1.00	\$4,950.00	\$4,950.00	\$6,450.00	\$6,450.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	189.50	\$25.25	\$4,784.88	\$30.00	\$5,685.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,475.00	\$16.25	\$23,968.75	\$19.00	\$28,025.00
608.26	6" CONCRETE SIDEWALK (F)	SY	85.00	\$54.00	\$4,590.00	\$70.00	\$5,950.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	138.00	\$25.00	\$3,450.00	\$20.00	\$2,760.00

Item No:	Description	Unit	Quantity	D			E		
				Unit Price	Total	Unit Price	Total	Unit Price	Total
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	6.30	\$23.00	\$144.90	\$20.00	\$126.00		
609.23	CURVED GRANITE SLOPE CURB	LF	3.00	\$86.00	\$258.00	\$90.00	\$270.00		
609.5	RESET GRANITE CURB	LF	340.00	\$12.00	\$4,080.00	\$10.00	\$3,400.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	400.00	\$4.50	\$1,800.00	\$6.00	\$2,400.00		
614.331	3" STEEL CONDUIT	LF	10.00	\$40.00	\$400.00	\$23.00	\$230.00		
614.511	CONCRETE PULL BOX 14"	EA	3.00	\$340.00	\$1,020.00	\$443.00	\$1,329.00		
614.522	MOLDED PULL BOX 13"X24"	EA	2.00	\$320.00	\$640.00	\$443.00	\$886.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	180.00	\$10.80	\$1,944.00	\$23.00	\$4,140.00		
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	130.00	\$17.50	\$2,275.00	\$28.00	\$3,640.00		
615.02	TRAFFIC SIGN TYPE B (F)	SF	2.67	\$58.00	\$154.86	\$68.00	\$181.56		
615.03	TRAFFIC SIGN TYPE C (F)	SF	98.50	\$40.00	\$3,940.00	\$68.00	\$6,698.00		
615.05	TRAFFIC SIGN TYPE BB (F)	SF	2.67	\$12.00	\$32.04	\$23.00	\$61.41		
615.06	TRAFFIC SIGN TYPE CC (F)	SF	26.17	\$12.00	\$314.04	\$20.00	\$523.40		
616.101	TRAFFIC SIGNALS	U	1.00	\$110,500.00	\$110,500.00	\$125,500.00	\$125,500.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
618.7	FLAGGERS	HR	1,800.00	\$22.00	\$39,600.00	\$26.00	\$46,800.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$28,000.00	\$28,000.00	\$26,800.00	\$26,800.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,500.00	\$7,500.00	\$3,800.00	\$11,400.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$4,600.00	\$9,200.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	15.00	\$5.00	\$75.00	\$4.50	\$67.50		
621.31	SINGLE DELINEATOR WITH POST	EA	27.00	\$30.00	\$810.00	\$36.00	\$972.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	2.00	\$32.00	\$64.00	\$45.00	\$90.00		

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
621.33	SINGLE DELINEATOR DOUBLE FACED WITH POST	EA	3.00	\$32.00	\$96.00	\$45.00	\$135.00
622.1	STEEL WITNESS MARKERS	EA	5.00	\$33.00	\$165.00	\$28.00	\$140.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	4,525.00	\$1.20	\$5,430.00	\$3.00	\$13,575.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	56,000.00	\$0.14	\$7,840.00	\$0.17	\$9,520.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	125.00	\$1.00	\$125.00	\$1.87	\$233.75
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,175.00	\$0.45	\$528.75	\$0.85	\$998.75
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	130.00	\$3.00	\$390.00	\$4.26	\$553.80
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	615.00	\$4.50	\$2,767.50	\$7.50	\$4,612.50
645.3	EROSION STONE	TON	125.00	\$27.00	\$3,375.00	\$33.00	\$4,125.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	550.00	\$5.00	\$2,750.00	\$4.00	\$2,200.00
645.531	SILT FENCE	LF	450.00	\$2.65	\$1,192.50	\$2.30	\$1,035.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	85.00	\$55.00	\$4,675.00	\$75.00	\$6,375.00
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	0.80	\$2,100.00	\$1,680.00	\$2,400.00	\$1,920.00
647.1	HUMUS	CY	430.00	\$14.00	\$6,020.00	\$8.50	\$3,655.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$175.00	\$175.00	\$200.00	\$200.00
692	MOBILIZATION	U	1.00	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$850.00	\$850.00	\$1,500.00	\$1,500.00
698.13	FIELD OFFICE TYPE C	MON	9.00	\$1,400.00	\$12,600.00	\$850.00	\$7,650.00
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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	11,730.00	\$1.00	\$11,730.00	\$1.00	\$11,730.00
					\$1,183,130.37		\$1,287,106.67

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	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	400.00	\$4.39	\$1,756.00	\$3.50	\$1,400.00	\$356.00
202.31	FILL ABANDONED PIPE	CY	160.00	\$165.53	\$26,484.80	\$125.00	\$20,000.00	\$6,484.80
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	800.00	\$8.97	\$7,176.00	\$10.00	\$8,000.00	(\$824.00)
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	4.00	\$879.83	\$3,519.32	\$375.00	\$1,500.00	\$2,019.32
202.6	CURB REMOVAL FOR STORAGE	LF	226.00	\$7.32	\$1,654.32	\$3.50	\$791.00	\$863.32
202.7	REMOVAL OF GUARDRAIL	LF	1,425.00	\$1.25	\$1,781.25	\$2.00	\$2,850.00	(\$1,068.75)
202.841	REMOVAL OF PULLBOX	EA	3.00	\$305.60	\$916.80	\$120.00	\$360.00	\$556.80
203.1	COMMON EXCAVATION	CY	2,100.00	\$14.86	\$31,206.00	\$9.00	\$18,900.00	\$12,306.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$829.16	\$1,658.32	\$950.00	\$1,900.00	(\$241.68)
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	112.50	\$9.73	\$1,094.63	\$13.00	\$1,462.50	(\$367.87)
203.55549	GUARDRAIL 50' EAGRT OFFSET PLATFORM	U	4.00	\$582.43	\$2,329.72	\$900.00	\$3,600.00	(\$1,270.28)
203.5596	GUARDRAIL E-2 PLATFORM	LF	189.50	\$7.28	\$1,379.56	\$13.00	\$2,463.50	(\$1,083.94)
203.6	EMBANKMENT-IN-PLACE (F)	CY	725.00	\$5.68	\$4,118.00	\$6.50	\$4,712.50	(\$594.50)
206.1	COMMON STRUCTURE EXCAVATION	CY	25.00	\$39.01	\$975.25	\$25.00	\$625.00	\$350.25
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25.00	\$85.14	\$2,128.50	\$25.00	\$625.00	\$1,503.50
214	FINE GRADING	U	1.00	\$39,485.93	\$39,485.93	\$8,500.00	\$8,500.00	\$30,985.93
304.1	SAND (F)	CY	420.00	\$18.79	\$7,891.80	\$14.00	\$5,880.00	\$2,011.80
304.2	GRAVEL (F)	CY	680.00	\$21.10	\$14,348.00	\$22.00	\$14,960.00	(\$612.00)
304.3	CRUSHED GRAVEL (F)	CY	1,090.00	\$22.11	\$24,099.90	\$24.00	\$26,160.00	(\$2,060.10)
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	85.00	\$38.02	\$3,231.70	\$28.00	\$2,380.00	\$851.70
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	125.00	\$34.54	\$4,317.50	\$32.00	\$4,000.00	\$317.50

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	Unit Price	A-Bidder Total	Unit Price	PS&E Total	Total	A-PS&E Difference
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	3,450.00	\$72.63	\$250,573.50	\$68.00	\$234,600.00	\$15,973.50	
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,675.00	\$82.43	\$138,070.25	\$81.00	\$135,675.00	\$2,395.25	
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	175.00	\$110.53	\$19,342.75	\$130.00	\$22,750.00	(\$3,407.25)	
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	4,600.00	\$1.00	\$4,600.00	\$1.40	\$6,440.00	(\$1,840.00)	
403.6	PAVEMENT JOINT ADHESIVE	LF	28,000.00	\$0.35	\$9,800.00	\$0.30	\$8,400.00	\$1,400.00	
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	135.00	\$75.72	\$10,222.20	\$100.00	\$13,500.00	(\$3,277.80)	
411.46	PLANT MIX SURFACE TREAT- MENT (ASPHALT CEMENT), 3/4 INCH	TON	75.00	\$100.00	\$7,500.00	\$110.00	\$8,250.00	(\$750.00)	
417	COLD PLANING BITUMINOUS SURFACES	SY	15,500.00	\$1.60	\$24,800.00	\$2.50	\$38,750.00	(\$13,950.00)	
520.1	CONCRETE CLASS A	CY	2.00	\$350.00	\$700.00	\$1,100.00	\$2,200.00	(\$1,500.00)	
544	REINFORCING STEEL (F)	LB	20.00	\$2.50	\$50.00	\$3.50	\$70.00	(\$20.00)	
585.3	STONE FILL, CLASS C	CY	2.00	\$61.14	\$122.28	\$42.00	\$84.00	\$38.28	
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	4.00	\$23.81	\$95.24	\$6.00	\$24.00	\$71.24	
603.0001	VIDEO INSPECTION	LF	1,250.00	\$1.50	\$1,875.00	\$2.00	\$2,500.00	(\$625.00)	
603.00215	15" R.C. PIPE, 2000D	LF	40.00	\$123.77	\$4,950.80	\$60.00	\$2,400.00	\$2,550.80	
604.0007	POLYETHYLENE LINER	EA	4.00	\$169.54	\$678.16	\$150.00	\$600.00	\$78.16	
604.12	CATCH BASINS TYPE B	U	4.50	\$2,144.10	\$9,648.45	\$2,200.00	\$9,900.00	(\$251.55)	
604.16	CATCH BASINS TYPE F	U	1.00	\$3,276.54	\$3,276.54	\$2,200.00	\$2,200.00	\$1,076.54	
604.32	DRAINAGE MANHOLES	U	2.20	\$2,494.71	\$5,488.36	\$2,100.00	\$4,620.00	\$868.36	
604.325	DRAINAGE MANHOLES, 5-FOOT DIAMETER	U	1.10	\$4,062.49	\$4,468.74	\$2,800.00	\$3,080.00	\$1,388.74	

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	
604.326	DRAINAGE MANHOLES, 6-FOOT DIAMETER	U	1.00	\$4,727.11	\$4,727.11	\$3,500.00	\$3,500.00	\$1,227.11
604.328	DRAINAGE MANHOLES, 8-FOOT DIAMETER	U	1.10	\$6,037.76	\$6,641.54	\$6,000.00	\$6,600.00	\$41.54
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$711.05	\$2,133.15	\$375.00	\$1,125.00	\$1,008.15
605.5121	12" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	630.00	\$23.50	\$14,805.00	\$30.00	\$18,900.00	(\$4,095.00)
605.5151	15" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	300.00	\$27.40	\$8,220.00	\$36.00	\$10,800.00	(\$2,580.00)
605.5181	18" PERFORATED POLYETHY. PIPE UNDERDRAIN (SMOOTH INTERIOR)	LF	300.00	\$33.29	\$9,987.00	\$38.00	\$11,400.00	(\$1,413.00)
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	8.00	\$58.00	\$464.00	\$50.00	\$400.00	\$64.00
606.0122	STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POST	EA	8.00	\$9.00	\$72.00	\$25.00	\$200.00	(\$128.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	3.00	\$1,950.00	\$5,850.00	\$2,400.00	\$7,200.00	(\$1,350.00)
606.1256	TERMINAL UNIT (X-TENSION)	U	1.00	\$5,100.00	\$5,100.00	\$5,000.00	\$5,000.00	\$100.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	189.50	\$25.50	\$4,832.25	\$26.00	\$4,927.00	(\$94.75)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	1,475.00	\$17.00	\$25,075.00	\$16.00	\$23,600.00	\$1,475.00

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	
608.26	6" CONCRETE SIDEWALK (F)	SY	85.00	\$82.98	\$7,053.30	\$70.00	\$5,950.00	\$1,103.30
609.21	STRAIGHT GRANITE SLOPE CURB	LF	138.00	\$16.64	\$2,296.32	\$15.00	\$2,070.00	\$226.32
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	6.30	\$18.14	\$114.28	\$25.00	\$157.50	(\$43.22)
609.23	CURVED GRANITE SLOPE CURB	LF	3.00	\$77.14	\$231.42	\$60.00	\$180.00	\$51.42
609.5	RESET GRANITE CURB	LF	340.00	\$9.14	\$3,107.60	\$10.00	\$3,400.00	(\$292.40)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	400.00	\$5.00	\$2,000.00	\$7.00	\$2,800.00	(\$800.00)
614.331	3" STEEL CONDUIT	LF	10.00	\$18.00	\$180.00	\$20.00	\$200.00	(\$20.00)
614.511	CONCRETE PULL BOX 14"	EA	3.00	\$315.00	\$945.00	\$325.00	\$975.00	(\$30.00)
614.522	MOLDED PULL BOX 13"X24"	EA	2.00	\$315.00	\$630.00	\$325.00	\$650.00	(\$20.00)
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	180.00	\$9.00	\$1,620.00	\$17.00	\$3,060.00	(\$1,440.00)
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	130.00	\$20.00	\$2,600.00	\$20.00	\$2,600.00	\$0.00
615.02	TRAFFIC SIGN TYPE B (F)	SF	2.67	\$58.00	\$154.86	\$40.00	\$106.80	\$48.06
615.03	TRAFFIC SIGN TYPE C (F)	SF	98.50	\$40.00	\$3,940.00	\$40.00	\$3,940.00	\$0.00
615.05	TRAFFIC SIGN TYPE BB (F)	SF	2.67	\$12.00	\$32.04	\$20.00	\$53.40	(\$21.36)
615.06	TRAFFIC SIGN TYPE CC (F)	SF	26.17	\$12.00	\$314.04	\$15.00	\$392.55	(\$78.51)
616.101	TRAFFIC SIGNALS	U	1.00	\$113,000.00	\$113,000.00	\$125,000.00	\$125,000.00	(\$12,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
618.7	FLAGGERS	HR	1,800.00	\$20.91	\$37,638.00	\$24.00	\$43,200.00	(\$5,562.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$22,917.82	\$22,917.82	\$40,000.00	\$40,000.00	(\$17,082.18)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$3,434.97	\$10,304.91	\$3,000.00	\$9,000.00	\$1,304.91
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,777.46	\$11,554.92	\$1,700.00	\$3,400.00	\$8,154.92
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	15.00	\$5.00	\$75.00	\$5.00	\$75.00	\$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	
621.31	SINGLE DELINEATOR WITH POST	EA	27.00	\$31.00	\$837.00	\$32.00	\$864.00	(\$27.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	2.00	\$33.00	\$66.00	\$35.00	\$70.00	(\$4.00)
621.33	SINGLE DELINEATOR DOUBLE FACED WITH POST	EA	3.00	\$33.00	\$99.00	\$35.00	\$105.00	(\$6.00)
622.1	STEEL WITNESS MARKERS	EA	5.00	\$33.00	\$165.00	\$30.00	\$150.00	\$15.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	4,525.00	\$1.22	\$5,520.50	\$1.50	\$6,787.50	(\$1,267.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	56,000.00	\$0.16	\$8,960.00	\$0.14	\$7,840.00	\$1,120.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	125.00	\$1.65	\$206.25	\$2.10	\$262.50	(\$56.25)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,175.00	\$0.75	\$881.25	\$0.80	\$940.00	(\$58.75)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	130.00	\$3.75	\$487.50	\$6.00	\$780.00	(\$292.50)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	615.00	\$7.00	\$4,305.00	\$6.75	\$4,151.25	\$153.75
645.3	EROSION STONE	TON	125.00	\$18.08	\$2,260.00	\$28.00	\$3,500.00	(\$1,240.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	550.00	\$4.51	\$2,480.50	\$5.00	\$2,750.00	(\$269.50)
645.531	SILT FENCE	LF	450.00	\$4.54	\$2,043.00	\$3.00	\$1,350.00	\$693.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	85.00	\$63.79	\$5,422.15	\$60.00	\$5,100.00	\$322.15
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	0.80	\$2,150.00	\$1,720.00	\$2,000.00	\$1,600.00	\$120.00
647.1	HUMUS	CY	430.00	\$19.95	\$8,578.50	\$20.00	\$8,600.00	(\$21.50)

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	
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$96.05	\$96.05	\$200.00	\$200.00	(\$103.95)
692	MOBILIZATION	U	1.00	\$34,237.71	\$34,237.71	\$55,000.00	\$55,000.00	(\$20,762.29)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$600.00	\$600.00	\$500.00	\$500.00	\$100.00
698.13	FIELD OFFICE TYPE C	MON	9.00	\$1,400.00	\$12,600.00	\$1,300.00	\$11,700.00	\$900.00
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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	11,730.00	\$1.00	\$11,730.00	\$1.00	\$11,730.00	\$0.00
					\$1,166,727.54		\$1,169,455.00	(\$2,727.46)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/29/2014

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).

PRODUCER Aspen Insurance Agency P O Box 510 Manchester NH 03105		CONTACT NAME: Karen Case PHONE (A/C No. Ext): (603) 647-0800 FAX (A/C No): (603) 647-0330 E-MAIL ADDRESS: kcase@aspen-ins.com	
INSURED American Excavating Corp 5 Madden Road PO Box 1220 Derry NH 03038		INSURER(S) AFFORDING COVERAGE INSURER A: Cincinnati Insurance Company 10677 INSURER B: Memic INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: CL1432507039

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 SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY					
	☒ COMMERCIAL GENERAL LIABILITY					
	☐ CLAIMS-MADE ☒ OCCUR		CPP1059983	4/1/2014	4/1/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC					
A	AUTOMOBILE LIABILITY					
	☒ ANY AUTO					
	☐ ALL OWNED AUTOS		CPA1059983	4/1/2014	4/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	☒ HIRED AUTOS ☒ SCHEDULED AUTOS NON-OWNED AUTOS		Pollution endt#AA4012			Endorsement \$ 500,000
A	☒ UMBRELLA LIAB ☒ OCCUR					
	☐ EXCESS LIAB ☐ CLAIMS-MADE					
	DED RETENTION \$		CPP1059983	4/1/2014	4/1/2015	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N				
	If yes, describe under DESCRIPTION OF OPERATIONS below	Y	3102800890 MA & NH	4/1/2014	4/1/2015	☒ WC STATU-TORY LIMITS ☐ OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
		N/A				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Coverage Specific for work in the State of New Hampshire

Project: "Loudon X-A003(001), 24941"

CERTIFICATE HOLDER**CANCELLATION**

NH Department of Transportation
Office of Federal Compliance
7 Hazen Drive
Concord, NH 03302

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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/30/2014

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).

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

COVERAGES CERTIFICATE NUMBER: CL14123007764 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	GENERAL LIABILITY			CAP5234288	12/29/2014	12/29/2015	EACH OCCURRENCE \$ 2,000,000
	☒ COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	☐ CLAIMS-MADE ☒ OCCUR						MED EXP (Any one person) \$
	☒ OCIP						PERSONAL & ADV INJURY \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 3,000,000
	☒ POLICY ☐ PROJECT ☐ LOC						PRODUCTS - COMP/OP AGG \$ 3,000,000
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	☐ ANY AUTO						BODILY INJURY (Per person) \$
	☐ ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	☐ HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
	☐ SCHEDULED AUTOS						\$
	☐ NON-OWNED AUTOS						
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	☐ OCCUR						\$
	☐ CLAIMS-MADE						
	DED						
	RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						OTH-ER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$
							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)
Re: The Town of Loudon Project No. X-A003(001) 24941.

CERTIFICATE HOLDER The State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH 03301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Karen Case/KAREN
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