



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



27
Boender

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
January 25, 2016

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with American Excavating, Corp. (Vendor 156914) of Derry, NH on the basis of a low bid of \$1,099,663.00 for widening approximately 1,000 feet of US Route 1 in Seabrook, from the date of Governor and Council approval through August 25, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$1,000,000.00	\$99,663.00

2. Further authorize that a contingency in the amount of \$54,983.15 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:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$50,000.00	\$4,983.15

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Highway Safety Improvement Program. The project will widen approximately 1,000 feet of US Route 1 (Lafayette Road) to provide an additional southbound through lane. The project begins approximately 500 feet south of the intersection of Railroad Avenue and Pine Street proceeding north approximately 1,200 feet. Autumn Way will be realigned to intersect Pine Street to provide access to the existing signal at the Pine Street/US Route 1 intersection. The existing Autumn Way intersection with US Route 1 will be eliminated and the existing pavement will be removed from the intersection of the realignment to US Route 1. The work on Pine Street will include a 1.5" cold plane and inlay. The work on US Route 1 will include step box widening, pavement rehabilitation (a 1.5" cold plane and inlay), sidewalk reconstruction, curbing, drainage and traffic signal work.

The contingency amount is proposed to be 5% and is required due to the potential for encountering hazardous materials during construction, which typically has higher risks of costs and quantity overruns due to the volatile nature of hazardous materials.

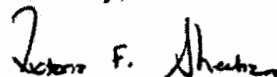
Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved as there were 5 bids submitted for this project. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

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

This project funding is 80% federal funds with 20% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$1,063,574.00
Contract Amount: \$1,099,663.00
Over Estimate: \$ 36,089.00

Attachments

November 20, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This Highway Safety Improvement Project (HSIP) is located in Seabrook NH. The project will widen approximately 1,000 feet of US Route 1 (Lafayette Road) to provide an additional southbound through lane. The project begins approximately 500 feet south of the intersection of Railroad Avenue and Pine Street proceeding north approximately 1,200 feet. Autumn Way will be realigned to intersect Pine Street to provide access to the existing signal at the Pine Street/US Route 1 intersection. The existing Autumn Way intersection with US Route 1 will be eliminated and the existing pavement will be removed from the intersection of the realignment to US Route 1. The work on Pine Street will include a 1.5" cold plane and inlay. The work on US Route 1 will include step box widening, pavement rehabilitation (a 1.5" cold plane and inlay), sidewalk reconstruction, curbing, drainage and traffic signal work.

FEDERAL FUNDING: The Construction funding is from the State's Ten Year Transportation Improvement Plan (2014) under the Highway Safety Improvement Program (80% HSIP, 20% Town Match).

CONTINGENCY: The contingency amount is proposed to be 5% and is required due to the potential for encountering hazardous materials during construction, which typically has higher risks of costs and quantity overruns due to the volatile nature of hazardous materials.

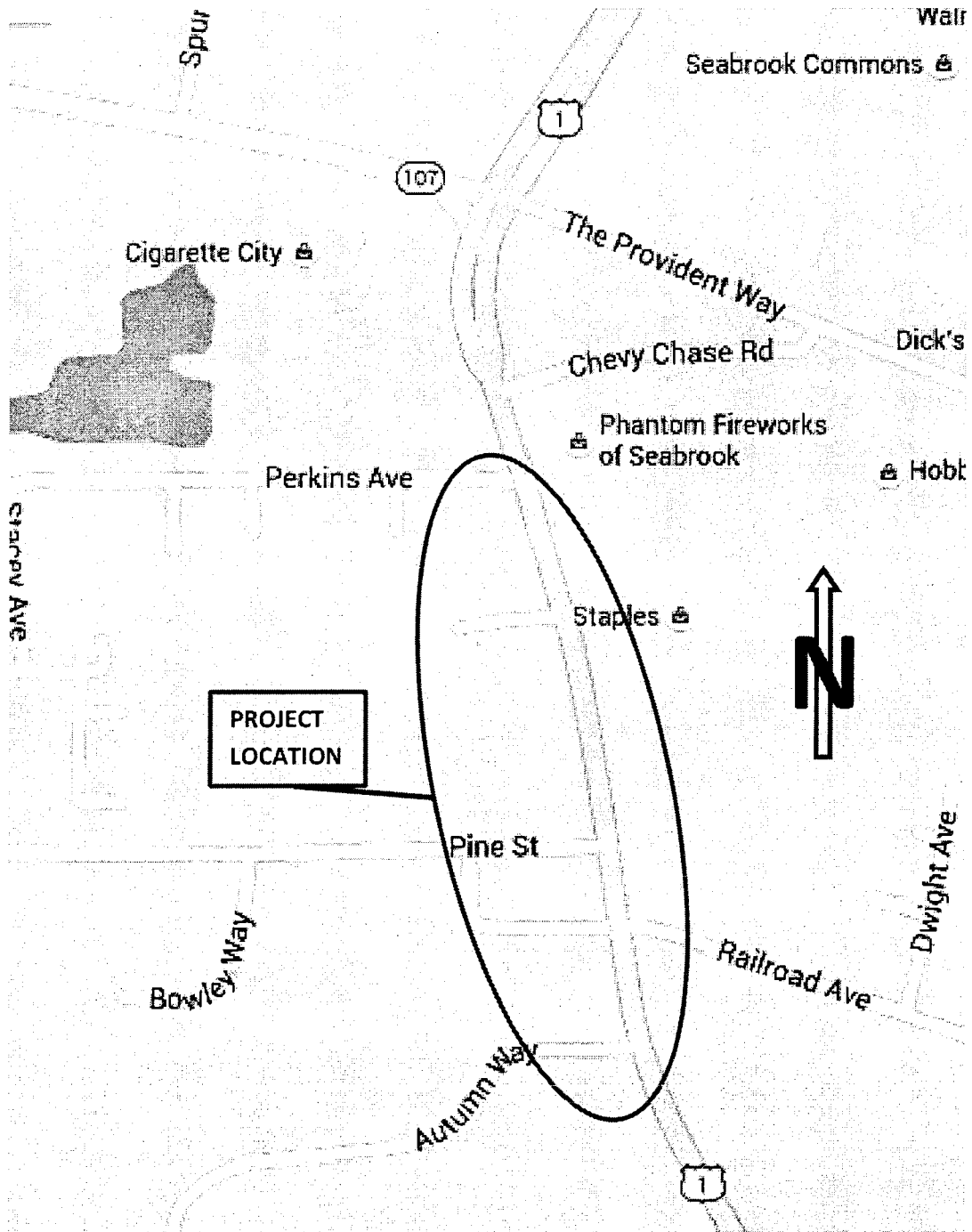
PROJECT INITIATED: State's Ten Year Plan under the Highway Safety Improvement Program.

PROJECT EXPLANATION: The additional width constructed in this project will join 2, 5-lane segments of US Route 1 (located to the south and to the north of this project) to provide a consistent width of 5-lanes throughout eliminating a southbound bottleneck. The widening of US Route 1 from the northern widening limits of this project to just south of the of the US Route 1 and NH Route 107 intersection is currently under construction as part of the work required to be completed for a drive permit application submitted, and approved by District 6, for the Waterstone Retail Development.

Rerouting Autumn Way traffic to Pine Street and eliminating the Autumn Way/ US Route 1 intersection will allow for safer traffic movements through the use of the signalized intersection of Pine Street and US Route 1. Utilizing the signalized intersection provides a significant improvement of the level of service during hours of high traffic volumes.

TRAFFIC IMPLICATION: A minimum of 3 lanes (1 southbound, 1 two way left turn, and 1 northbound) will be maintained on US Route 1 during work hours between 6 AM and 9 PM. Otherwise, a minimum of 2 lanes (1 southbound and 1 northbound) will be maintained during work hours between 9 PM and 6 AM. The existing lane configuration will be maintained during non-work hours.

FINAL COMPLETION DATE: August 25, 2017.



Seabrook
X-A002(762)
16444

**State of New Hampshire
Department of Transportation**

16444.01

Project:	SEABROOK X-A002(762) 16444	
County and Code:	ROCKINGHAM COUNTY 015	
Date Bids Open:	January 7, 2016	
Scope of Work:	ROADWAY RECONSTRUCTION	
Location:	US ROUTE 1 IN SEABROOK	
Completion Date:	August 27, 2017	
A AMERICAN EXCAVATING CORPORATION 5 MADDEN ROAD, DERRY, NH 03038 \$1,099,663.00		
B SEVERINO TRUCKING CO., INC. PO BOX 202, CANDIA, NH 03034 \$1,184,891.45		
C JAMCO EXCAVATORS LLC 84 EXETER ROAD SOUTH HAMPTON, NH 03827 \$1,267,870.91		
D S U R CONSTRUCTION INC. 233 CHESTNUT HILL RD., ROCHESTER, NH 03867 \$1,290,580.00		
E NORTHEAST EARTH MECHANICS INC 159 BARNSTEAD ROAD PITTSFIELD NH 03263 \$1,443,390.00		

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
201.1	CLEARING AND GRUBBING (F)	A	0.32	\$43,500.00	\$13,920.00	\$15,000.00	\$4,800.00	\$51,425.00	\$16,456.00	
201.4	REMOVING STUMPS	EA	1.00	\$2,100.00	\$2,100.00	\$250.00	\$250.00	\$605.00	\$605.00	
201.711	SELECTIVE CLEARING AND THINNING	SF	900.00	\$3.00	\$2,700.00	\$1.00	\$900.00	\$1.34	\$1,206.00	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	1,600.00	\$5.00	\$8,000.00	\$1.00	\$1,600.00	\$1.10	\$1,760.00	
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	8.00	\$302.00	\$2,416.00	\$50.00	\$400.00	\$165.00	\$1,320.00	
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	2.00	\$1,179.00	\$2,358.00	\$200.00	\$400.00	\$1,672.00	\$3,344.00	
203.1	COMMON EXCAVATION	CY	2,450.00	\$21.00	\$51,450.00	\$15.00	\$36,750.00	\$6.10	\$14,945.00	
203.2	ROCK EXCAVATION	CY	95.00	\$82.00	\$7,790.00	\$15.00	\$1,425.00	\$53.73	\$5,104.35	
203.6	EMBANKMENT-IN-PLACE (F)	CY	469.00	\$6.00	\$2,814.00	\$10.00	\$4,690.00	\$12.55	\$5,885.95	
206.1	COMMON STRUCTURE EXCAVATION	CY	1.00	\$86.00	\$86.00	\$50.00	\$50.00	\$1,540.00	\$1,540.00	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$76.00	\$3,800.00	\$75.00	\$3,750.00	\$146.08	\$7,304.00	
209.4	GRANULAR BACKFILL (GRAV)	CY	145.00	\$48.00	\$6,960.00	\$50.00	\$7,250.00	\$61.64	\$8,937.80	
214	FINE GRADING	U	1.00	\$14,400.00	\$14,400.00	\$25,000.00	\$25,000.00	\$11,880.00	\$11,880.00	
304.1	SAND (F)	CY	383.00	\$25.00	\$9,575.00	\$15.00	\$5,745.00	\$32.27	\$12,359.41	
304.2	GRAVEL (F)	CY	841.00	\$26.00	\$21,866.00	\$25.00	\$21,025.00	\$42.07	\$35,380.87	
304.3	CRUSHED GRAVEL (F)	CY	722.00	\$30.00	\$21,660.00	\$35.00	\$25,270.00	\$43.99	\$31,760.78	
304.35	CRUSHED GRAVEL FOR DRIVES	CY	93.00	\$78.00	\$7,254.00	\$50.00	\$4,650.00	\$70.28	\$6,536.04	
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	790.00	\$79.00	\$62,410.00	\$85.00	\$67,150.00	\$90.23	\$71,281.70	
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	785.00	\$96.00	\$75,360.00	\$110.00	\$86,350.00	\$107.82	\$84,638.70	
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	81.00	\$110.00	\$8,910.00	\$125.00	\$10,125.00	\$126.36	\$10,235.16	

Item No:	Description	Unit	A			B			C		
			Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	770.00	\$1.00	\$770.00	\$1.25	\$962.50	\$1.65	\$1,270.50		
403.6	PAVEMENT JOINT ADHESIVE	LF	13,450.00	\$0.30	\$4,035.00	\$0.60	\$8,070.00	\$0.77	\$10,356.50		
417	COLD PLANING BITUMINOUS SURFACES	SY	9,200.00	\$2.00	\$18,400.00	\$2.00	\$18,400.00	\$1.83	\$16,836.00		
603.0001	VIDEO INSPECTION	LF	385.00	\$4.00	\$1,540.00	\$2.00	\$770.00	\$5.59	\$2,152.15		
603.00212	12" R.C. PIPE, 2000D	LF	15.00	\$236.00	\$3,540.00	\$150.00	\$2,250.00	\$250.62	\$3,759.30		
603.00215	15" R.C. PIPE, 2000D	LF	26.00	\$246.00	\$6,396.00	\$150.00	\$3,900.00	\$288.07	\$7,489.82		
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	22.00	\$198.00	\$4,356.00	\$110.00	\$2,420.00	\$177.52	\$3,905.44		
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	325.00	\$48.00	\$15,600.00	\$40.00	\$13,000.00	\$42.32	\$13,754.00		
604.0007	POLYETHYLENE LINER	EA	12.00	\$268.00	\$3,216.00	\$180.00	\$2,160.00	\$245.21	\$2,942.52		
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	11.00	\$2,240.00	\$24,640.00	\$3,300.00	\$36,300.00	\$1,762.04	\$19,382.44		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	14.00	\$464.00	\$6,496.00	\$500.00	\$7,000.00	\$700.46	\$9,806.44		
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	6.00	\$540.00	\$3,240.00	\$500.00	\$3,000.00	\$501.42	\$3,008.52		
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	2.00	\$779.00	\$1,558.00	\$500.00	\$1,000.00	\$405.90	\$811.80		
604.6	MANHOLE COVERS & FRAMES	EA	4.00	\$849.00	\$3,396.00	\$800.00	\$3,200.00	\$167.45	\$669.80		
608.12	2" BITUMINOUS SIDEWALK (F)	SY	403.00	\$20.00	\$8,060.00	\$22.00	\$8,866.00	\$15.38	\$6,198.14		
608.24	4" CONCRETE SIDEWALK (F)	SY	90.00	\$79.00	\$7,110.00	\$58.00	\$5,220.00	\$73.58	\$6,622.20		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$255.00	\$2,550.00	\$445.00	\$4,450.00	\$299.20	\$2,992.00		
609.01	STRAIGHT GRANITE CURB	LF	360.00	\$25.00	\$9,000.00	\$20.00	\$7,200.00	\$25.91	\$9,327.60		
609.02	CURVED GRANITE CURB	LF	86.00	\$49.00	\$4,214.00	\$30.00	\$2,580.00	\$44.02	\$3,785.72		
609.5	RESET GRANITE CURB	LF	530.00	\$14.00	\$7,420.00	\$7.00	\$3,710.00	\$15.88	\$8,416.40		
611.52010	1" CURB STOP WITH BOX	EA	2.00	\$718.00	\$1,436.00	\$1,750.00	\$3,500.00	\$1,233.04	\$2,466.08		

Item No:	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	4.00	\$172.00	\$688.00	\$150.00	\$600.00	\$426.39	\$1,705.56	
614.331	3" STEEL CONDUIT	LF	100.00	\$22.00	\$2,200.00	\$16.00	\$1,600.00	\$22.22	\$2,222.00	
614.512	CONCRETE PULL BOX 18"	EA	12.00	\$620.00	\$7,440.00	\$600.00	\$7,200.00	\$616.00	\$7,392.00	
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	1.00	\$4,719.00	\$4,719.00	\$4,100.00	\$4,100.00	\$4,972.00	\$4,972.00	
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	135.00	\$7.00	\$945.00	\$8.00	\$1,080.00	\$7.70	\$1,039.50	
614.72118	2" PVC CONDUIT, SCHEDULE 80	LF	185.00	\$15.00	\$2,775.00	\$8.00	\$1,480.00	\$7.70	\$1,424.50	
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	575.00	\$9.00	\$5,175.00	\$9.00	\$5,175.00	\$9.79	\$5,629.25	
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	285.00	\$25.00	\$7,125.00	\$22.00	\$6,270.00	\$23.10	\$6,583.50	
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	20.00	\$84.00	\$1,680.00	\$32.40	\$648.00	\$149.60	\$2,992.00	
615.03	TRAFFIC SIGN TYPE C (F)	SF	82.00	\$51.00	\$4,182.00	\$29.60	\$2,427.20	\$58.49	\$4,796.18	
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$491.00	\$982.00	\$175.00	\$350.00	\$418.00	\$836.00	
616.101	TRAFFIC SIGNALS	U	1.00	\$132,597.00	\$132,597.00	\$145,000.00	\$145,000.00	\$144,320.00	\$144,320.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	86,000.00	\$1.00	\$86,000.00	\$1.00	\$86,000.00	\$1.10	\$94,600.00	
618.7	FLAGGERS	HR	5,640.00	\$22.00	\$124,080.00	\$17.00	\$95,880.00	\$27.50	\$155,100.00	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$29,000.00	\$29,000.00	\$47,500.00	\$47,500.00	\$49,225.00	\$49,225.00	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,600.00	\$7,800.00	\$12,000.00	\$36,000.00	\$6,600.00	\$19,800.00	
622.1	STEEL WITNESS MARKERS	EA	6.00	\$135.00	\$810.00	\$25.00	\$150.00	\$171.42	\$1,028.52	
622.2	CONCRETE BOUNDS	EA	13.00	\$210.00	\$2,730.00	\$250.00	\$3,250.00	\$150.19	\$1,952.47	
622.4	STONE BOUNDS	EA	8.00	\$336.00	\$2,688.00	\$350.00	\$2,800.00	\$275.00	\$2,200.00	
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,250.00	\$2.00	\$2,500.00	\$2.00	\$2,500.00	\$4.00	\$5,000.00	
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	16,000.00	\$0.20	\$3,200.00	\$0.20	\$3,200.00	\$0.21	\$3,360.00	

Item No.	Description	A			B			C		
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,150.00	\$0.60	\$690.00	\$0.55	\$632.50	\$1.29	\$1,483.50	
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	540.00	\$0.90	\$486.00	\$0.85	\$459.00	\$1.51	\$815.40	
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	150.00	\$3.00	\$450.00	\$2.55	\$382.50	\$4.77	\$715.50	
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	255.00	\$6.00	\$1,530.00	\$5.25	\$1,338.75	\$7.46	\$1,902.30	
634.1	RESET BOULDERS FOR BARRICADES	EA	17.00	\$165.00	\$2,805.00	\$50.00	\$850.00	\$147.53	\$2,508.01	
641	LOAM	CY	190.00	\$44.00	\$8,360.00	\$40.00	\$7,600.00	\$43.07	\$8,183.30	
645.3	EROSION STONE	TON	140.00	\$40.00	\$5,600.00	\$25.00	\$3,500.00	\$46.04	\$6,445.60	
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	200.00	\$5.00	\$1,000.00	\$2.50	\$500.00	\$7.10	\$1,420.00	
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	40.00	\$10.00	\$400.00	\$10.00	\$400.00	\$28.60	\$1,144.00	
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	\$6.00	\$3,000.00	\$5.50	\$2,750.00	\$6.64	\$3,320.00	
645.531	SILT FENCE	LF	500.00	\$5.00	\$2,500.00	\$3.00	\$1,500.00	\$3.71	\$1,855.00	
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,400.00	\$2,400.00	\$3,500.00	\$3,500.00	\$5,775.00	\$5,775.00	
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	490.00	\$66.00	\$32,340.00	\$62.00	\$30,380.00	\$71.50	\$35,035.00	
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	2,500.00	\$0.90	\$2,250.00	\$1.00	\$2,500.00	\$0.95	\$2,375.00	
647.1	HUMUS	CY	75.00	\$33.00	\$2,475.00	\$40.00	\$3,000.00	\$30.51	\$2,288.25	
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$106.00	\$106.00	\$150.00	\$150.00	\$495.00	\$495.00	

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	225.00	\$3.00	\$675.00	\$4.00	\$900.00	\$3.30	\$742.50
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,400.00	\$6.00	\$8,400.00	\$6.00	\$8,400.00	\$5.50	\$7,700.00
677.53	FIBER OPTIC SPLICE	EA	1.00	\$1,519.00	\$1,519.00	\$600.00	\$600.00	\$612.70	\$612.70
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,819.00	\$2,819.00	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	1.00	\$4,719.00	\$4,719.00	\$4,500.00	\$4,500.00	\$4,400.00	\$4,400.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$5,419.00	\$5,419.00	\$5,000.00	\$5,000.00	\$5,995.00	\$5,995.00
692	MOBILIZATION	U	1.00	\$25,100.00	\$25,100.00	\$115,000.00	\$115,000.00	\$110,000.00	\$110,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,498.00	\$1,498.00	\$1,700.00	\$1,700.00	\$2,222.00	\$2,222.00
698.12	FIELD OFFICE TYPE B	MON	20.00	\$1,625.00	\$32,500.00	\$2,000.00	\$40,000.00	\$785.40	\$15,708.00
698.2	PHYSICAL TESTING LABORATORY	MON	18.00	\$1,028.00	\$18,504.00	\$450.00	\$8,100.00	\$773.18	\$13,917.24
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.10	\$11,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.10	\$22,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.10	\$11,000.00
					\$1,099,663.00		\$1,184,891.45		\$1,267,870.91

Item No:	Description	Unit	Quantity	D			E		
				Unit Price	Total	Unit Price	Total	Unit Price	Total
201.1	CLEARING AND GRUBBING (F)	A	0.32	\$30,000.00	\$9,600.00	\$28,000.00	\$8,960.00		
201.4	REMOVING STUMPS	EA	1.00	\$500.00	\$500.00	\$315.00	\$315.00		
201.711	SELECTIVE CLEARING AND THINNING	SF	900.00	\$3.50	\$3,150.00	\$5.00	\$4,500.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	1,600.00	\$1.00	\$1,600.00	\$7.50	\$12,000.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	8.00	\$12.00	\$96.00	\$38.00	\$304.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	2.00	\$350.00	\$700.00	\$1,000.00	\$2,000.00		
203.1	COMMON EXCAVATION	CY	2,450.00	\$10.00	\$24,500.00	\$15.50	\$37,975.00		
203.2	ROCK EXCAVATION	CY	95.00	\$10.00	\$950.00	\$200.00	\$19,000.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	469.00	\$4.00	\$1,876.00	\$7.50	\$3,517.50		
206.1	COMMON STRUCTURE EXCAVATION	CY	1.00	\$25.00	\$25.00	\$65.00	\$65.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$15.00	\$750.00	\$65.00	\$3,250.00		
209.4	GRANULAR BACKFILL (GRAV)	CY	145.00	\$50.00	\$7,250.00	\$26.00	\$3,770.00		
214	FINE GRADING	U	1.00	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00		
304.1	SAND (F)	CY	383.00	\$12.00	\$4,596.00	\$23.00	\$8,809.00		
304.2	GRAVEL (F)	CY	841.00	\$36.00	\$30,276.00	\$26.00	\$21,866.00		
304.3	CRUSHED GRAVEL (F)	CY	722.00	\$36.00	\$25,992.00	\$32.00	\$23,104.00		
304.35	CRUSHED GRAVEL FOR DRIVES	CY	93.00	\$36.00	\$3,348.00	\$60.00	\$5,580.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	790.00	\$78.00	\$61,620.00	\$100.00	\$79,000.00		
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	785.00	\$95.00	\$74,575.00	\$120.00	\$94,200.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	81.00	\$105.00	\$8,505.00	\$133.00	\$10,773.00		

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	770.00	\$1.25	\$962.50	\$2.00	\$1,540.00
403.6	PAVEMENT JOINT ADHESIVE	LF	13,450.00	\$0.23	\$3,093.50	\$0.50	\$6,725.00
417	COLD PLANING BITUMINOUS SURFACES	SY	9,200.00	\$1.50	\$13,800.00	\$2.25	\$20,700.00
603.0001	VIDEO INSPECTION	LF	385.00	\$4.00	\$1,540.00	\$2.50	\$962.50
603.00212	12" R.C. PIPE, 2000D	LF	15.00	\$80.00	\$1,200.00	\$280.00	\$4,200.00
603.00215	15" R.C. PIPE, 2000D	LF	26.00	\$90.00	\$2,340.00	\$255.00	\$6,630.00
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	22.00	\$35.00	\$770.00	\$160.00	\$3,520.00
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	325.00	\$40.00	\$13,000.00	\$78.00	\$25,350.00
604.0007	POLYETHYLENE LINER	EA	12.00	\$200.00	\$2,400.00	\$158.00	\$1,896.00
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	11.00	\$2,000.00	\$22,000.00	\$4,150.00	\$45,650.00
604.4	RECONSTRUCTING/ADJUST ING CATCH BASIN & DROP INLET	LF	14.00	\$400.00	\$5,600.00	\$650.00	\$9,100.00
604.51	RECONSTRUCTING/ADJUST ING SEWER MANHOLES	LF	6.00	\$400.00	\$2,400.00	\$650.00	\$3,900.00
604.52	RECONSTRUCTING/ADJUST ING DRAINAGE MANHOLES	LF	2.00	\$400.00	\$800.00	\$650.00	\$1,300.00
604.6	MANHOLE COVERS & FRAMES	EA	4.00	\$700.00	\$2,800.00	\$1,000.00	\$4,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	403.00	\$12.00	\$4,836.00	\$15.00	\$6,045.00
608.24	4" CONCRETE SIDEWALK (F)	SY	90.00	\$45.00	\$4,050.00	\$73.00	\$6,570.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$350.00	\$3,500.00	\$320.00	\$3,200.00
609.01	STRAIGHT GRANITE CURB	LF	360.00	\$18.00	\$6,480.00	\$26.50	\$9,540.00
609.02	CURVED GRANITE CURB	LF	86.00	\$26.00	\$2,236.00	\$38.00	\$3,268.00
609.5	RESET GRANITE CURB	LF	530.00	\$6.50	\$3,445.00	\$14.00	\$7,420.00
611.52010	1" CURB STOP WITH BOX	EA	2.00	\$515.00	\$1,030.00	\$500.00	\$1,000.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	4.00	\$200.00	\$800.00	\$200.00	\$800.00
614.331	3" STEEL CONDUIT	LF	100.00	\$15.00	\$1,500.00	\$19.00	\$1,900.00
614.512	CONCRETE PULL BOX 18"	EA	12.00	\$560.00	\$6,720.00	\$700.00	\$8,400.00
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	1.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	135.00	\$7.00	\$945.00	\$9.00	\$1,215.00
614.72118	2" PVC CONDUIT, SCHEDULE 80	LF	185.00	\$7.00	\$1,295.00	\$9.00	\$1,665.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	575.00	\$8.00	\$4,600.00	\$10.00	\$5,750.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	285.00	\$21.00	\$5,985.00	\$27.00	\$7,695.00
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	20.00	\$32.40	\$648.00	\$61.50	\$1,230.00
615.03	TRAFFIC SIGN TYPE C (F)	SF	82.00	\$29.60	\$2,427.20	\$54.00	\$4,428.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$175.00	\$350.00	\$94.00	\$188.00
616.101	TRAFFIC SIGNALS	U	1.00	\$128,800.00	\$128,800.00	\$163,500.00	\$163,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	86,000.00	\$1.00	\$86,000.00	\$1.00	\$86,000.00
618.7	FLAGGERS	HR	5,640.00	\$19.50	\$109,980.00	\$30.00	\$169,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00	\$115,000.00	\$115,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$10,000.00	\$30,000.00	\$19,000.00	\$57,000.00
622.1	STEEL WITNESS MARKERS	EA	6.00	\$45.00	\$270.00	\$28.00	\$168.00
622.2	CONCRETE BOUNDS	EA	13.00	\$310.00	\$4,030.00	\$445.00	\$5,785.00
622.4	STONE BOUNDS	EA	8.00	\$265.00	\$2,120.00	\$445.00	\$3,560.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,250.00	\$1.00	\$1,250.00	\$1.25	\$1,562.50
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	16,000.00	\$0.20	\$3,200.00	\$0.25	\$4,000.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,150.00	\$0.55	\$632.50	\$0.70	\$805.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	540.00	\$0.85	\$459.00	\$1.00	\$540.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	150.00	\$2.55	\$382.50	\$3.00	\$450.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	255.00	\$5.25	\$1,338.75	\$6.50	\$1,657.50
634.1	RESET BOULDERS FOR BARRICADES	EA	17.00	\$140.00	\$2,380.00	\$53.00	\$901.00
641	LOAM	CY	190.00	\$25.00	\$4,750.00	\$50.00	\$9,500.00
645.3	EROSION STONE	TON	140.00	\$35.00	\$4,900.00	\$25.00	\$3,500.00
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	200.00	\$2.25	\$450.00	\$2.00	\$400.00
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	40.00	\$10.00	\$400.00	\$13.00	\$520.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	\$5.00	\$2,500.00	\$4.00	\$2,000.00
645.531	SILT FENCE	LF	500.00	\$4.00	\$2,000.00	\$5.00	\$2,500.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$10,000.00	\$10,000.00	\$3,350.00	\$3,350.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	490.00	\$52.00	\$25,480.00	\$78.00	\$38,220.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	2,500.00	\$0.66	\$1,650.00	\$1.00	\$2,500.00
647.1	HUMUS	CY	75.00	\$12.00	\$900.00	\$20.00	\$1,500.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$160.00	\$160.00	\$250.00	\$250.00

Item No:	Description	Unit	Quantity	D		E	
				Unit Price	Total	Unit Price	Total
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	225.00	\$3.00	\$675.00	\$3.80	\$855.00
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,400.00	\$5.00	\$7,000.00	\$6.35	\$8,890.00
677.53	FIBER OPTIC SPLICE	EA	1.00	\$557.00	\$557.00	\$700.00	\$700.00
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	1.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$4,650.00	\$4,650.00	\$5,900.00	\$5,900.00
692	MOBILIZATION	U	1.00	\$263,203.05	\$263,203.05	\$92,500.00	\$92,500.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$500.00	\$500.00	\$1,900.00	\$1,900.00
698.12	FIELD OFFICE TYPE B	MON	20.00	\$2,100.00	\$42,000.00	\$1,500.00	\$30,000.00
698.2	PHYSICAL TESTING LABORATORY	MON	18.00	\$250.00	\$4,500.00	\$1,000.00	\$18,000.00
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
					\$1,290,580.00		\$1,443,390.00

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	
201.1	CLEARING AND GRUBBING (F)	A	0.32	\$43,500.00	\$13,920.00	\$10,000.00	\$3,200.00	\$10,720.00
201.4	REMOVING STUMPS	EA	1.00	\$2,100.00	\$2,100.00	\$200.00	\$200.00	\$1,900.00
201.711	SELECTIVE CLEARING AND THINNING	SF	900.00	\$3.00	\$2,700.00	\$1.25	\$1,125.00	\$1,575.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	1,600.00	\$5.00	\$8,000.00	\$3.00	\$4,800.00	\$3,200.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	8.00	\$302.00	\$2,416.00	\$15.00	\$120.00	\$2,296.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	2.00	\$1,179.00	\$2,358.00	\$400.00	\$800.00	\$1,558.00
203.1	COMMON EXCAVATION	CY	2,450.00	\$21.00	\$51,450.00	\$10.00	\$24,500.00	\$26,950.00
203.2	ROCK EXCAVATION	CY	95.00	\$82.00	\$7,790.00	\$30.00	\$2,850.00	\$4,940.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	469.00	\$6.00	\$2,814.00	\$10.00	\$4,690.00	(\$1,876.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	1.00	\$86.00	\$86.00	\$50.00	\$50.00	\$36.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	50.00	\$76.00	\$3,800.00	\$50.00	\$2,500.00	\$1,300.00
209.4	GRANULAR BACKFILL (GRAV)	CY	145.00	\$48.00	\$6,960.00	\$30.00	\$4,350.00	\$2,610.00
214	FINE GRADING	U	1.00	\$14,400.00	\$14,400.00	\$26,000.00	\$26,000.00	(\$11,600.00)
304.1	SAND (F)	CY	383.00	\$25.00	\$9,575.00	\$23.00	\$8,809.00	\$766.00
304.2	GRAVEL (F)	CY	841.00	\$26.00	\$21,866.00	\$25.00	\$21,025.00	\$841.00
304.3	CRUSHED GRAVEL (F)	CY	722.00	\$30.00	\$21,660.00	\$30.00	\$21,660.00	\$0.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	93.00	\$78.00	\$7,254.00	\$35.00	\$3,255.00	\$3,999.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	790.00	\$79.00	\$62,410.00	\$85.00	\$67,150.00	(\$4,740.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	785.00	\$96.00	\$75,360.00	\$95.00	\$74,575.00	\$785.00

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
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	81.00	\$110.00	\$8,910.00	\$115.00	\$9,315.00	(\$405.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	770.00	\$1.00	\$770.00	\$1.50	\$1,155.00	(\$385.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	13,450.00	\$0.30	\$4,035.00	\$0.25	\$3,362.50	\$672.50
417	COLD PLANING BITUMINOUS SURFACES	SY	9,200.00	\$2.00	\$18,400.00	\$2.50	\$23,000.00	(\$4,600.00)
603.0001	VIDEO INSPECTION	LF	385.00	\$4.00	\$1,540.00	\$1.50	\$577.50	\$962.50
603.00212	12" R.C. PIPE, 2000D	LF	15.00	\$236.00	\$3,540.00	\$100.00	\$1,500.00	\$2,040.00
603.00215	15" R.C. PIPE, 2000D	LF	26.00	\$246.00	\$6,396.00	\$100.00	\$2,600.00	\$3,796.00
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	22.00	\$198.00	\$4,356.00	\$70.00	\$1,540.00	\$2,816.00
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	325.00	\$48.00	\$15,600.00	\$70.00	\$22,750.00	(\$7,150.00)
604.0007	POLYETHYLENE LINER	EA	12.00	\$268.00	\$3,216.00	\$150.00	\$1,800.00	\$1,416.00
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	11.00	\$2,240.00	\$24,640.00	\$2,200.00	\$24,200.00	\$440.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	14.00	\$464.00	\$6,496.00	\$370.00	\$5,180.00	\$1,316.00
604.51	RECONSTRUCTING/ADJUSTING SEWER MANHOLES	LF	6.00	\$540.00	\$3,240.00	\$330.00	\$1,980.00	\$1,260.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	2.00	\$779.00	\$1,558.00	\$450.00	\$900.00	\$658.00
604.6	MANHOLE COVERS & FRAMES	EA	4.00	\$849.00	\$3,396.00	\$600.00	\$2,400.00	\$996.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	403.00	\$20.00	\$8,060.00	\$25.00	\$10,075.00	(\$2,015.00)
608.24	4" CONCRETE SIDEWALK (F)	SY	90.00	\$79.00	\$7,110.00	\$50.00	\$4,500.00	\$2,610.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$255.00	\$2,550.00	\$450.00	\$4,500.00	(\$1,950.00)
609.01	STRAIGHT GRANITE CURB	LF	360.00	\$25.00	\$9,000.00	\$24.00	\$8,640.00	\$360.00
609.02	CURVED GRANITE CURB	LF	86.00	\$49.00	\$4,214.00	\$35.00	\$3,010.00	\$1,204.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		Total	A-PS&E Difference
				Unit Price	Total	Unit Price	Total		
609.5	RESET GRANITE CURB	LF	530.00	\$14.00	\$7,420.00	\$10.00	\$5,300.00	\$2,120.00	
611.52010	1" CURB STOP WITH BOX	EA	2.00	\$718.00	\$1,436.00	\$1,000.00	\$2,000.00	(\$564.00)	
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	4.00	\$172.00	\$688.00	\$120.00	\$480.00	\$208.00	
614.331	3" STEEL CONDUIT	LF	100.00	\$22.00	\$2,200.00	\$20.00	\$2,000.00	\$200.00	
614.512	CONCRETE PULL BOX 18"	EA	12.00	\$620.00	\$7,440.00	\$575.00	\$6,900.00	\$540.00	
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	1.00	\$4,719.00	\$4,719.00	\$5,000.00	\$5,000.00	(\$281.00)	
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	135.00	\$7.00	\$945.00	\$10.00	\$1,350.00	(\$405.00)	
614.72118	2" PVC CONDUIT, SCHEDULE 80	LF	185.00	\$15.00	\$2,775.00	\$20.00	\$3,700.00	(\$925.00)	
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	575.00	\$9.00	\$5,175.00	\$9.00	\$5,175.00	\$0.00	
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	285.00	\$25.00	\$7,125.00	\$16.00	\$4,560.00	\$2,565.00	
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	20.00	\$84.00	\$1,680.00	\$120.00	\$2,400.00	(\$720.00)	
615.03	TRAFFIC SIGN TYPE C (F)	SF	82.00	\$51.00	\$4,182.00	\$40.00	\$3,280.00	\$902.00	
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$491.00	\$982.00	\$135.00	\$270.00	\$712.00	
616.101	TRAFFIC SIGNALS	U	1.00	\$132,597.00	\$132,597.00	\$100,000.00	\$100,000.00	\$32,597.00	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	86,000.00	\$1.00	\$86,000.00	\$1.00	\$86,000.00	\$0.00	
618.7	FLAGGERS	HR	5,640.00	\$22.00	\$124,080.00	\$25.00	\$141,000.00	(\$16,920.00)	
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$29,000.00	\$29,000.00	\$30,000.00	\$30,000.00	(\$1,000.00)	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$2,600.00	\$7,800.00	\$4,000.00	\$12,000.00	(\$4,200.00)	
622.1	STEEL WITNESS MARKERS	EA	6.00	\$135.00	\$810.00	\$30.00	\$180.00	\$630.00	
622.2	CONCRETE BOUNDS	EA	13.00	\$210.00	\$2,730.00	\$400.00	\$5,200.00	(\$2,470.00)	
622.4	STONE BOUNDS	EA	8.00	\$336.00	\$2,688.00	\$300.00	\$2,400.00	\$288.00	
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,250.00	\$2.00	\$2,500.00	\$2.00	\$2,500.00	\$0.00	

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
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	16,000.00	\$0.20	\$3,200.00	\$0.20	\$3,200.00	\$0.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,150.00	\$0.60	\$690.00	\$1.20	\$1,380.00	(\$690.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	540.00	\$0.90	\$486.00	\$2.00	\$1,080.00	(\$594.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	150.00	\$3.00	\$450.00	\$5.00	\$750.00	(\$300.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	255.00	\$6.00	\$1,530.00	\$10.00	\$2,550.00	(\$1,020.00)
634.1	RESET BOULDERS FOR BARRICADES	EA	17.00	\$165.00	\$2,805.00	\$100.00	\$1,700.00	\$1,105.00
641	LOAM	CY	190.00	\$44.00	\$8,360.00	\$30.00	\$5,700.00	\$2,660.00
645.3	EROSION STONE	TON	140.00	\$40.00	\$5,600.00	\$30.00	\$4,200.00	\$1,400.00
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	200.00	\$5.00	\$1,000.00	\$2.00	\$400.00	\$600.00
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	EA	40.00	\$10.00	\$400.00	\$10.00	\$400.00	\$0.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	\$6.00	\$3,000.00	\$5.00	\$2,500.00	\$500.00
645.531	SILT FENCE	LF	500.00	\$5.00	\$2,500.00	\$4.50	\$2,250.00	\$250.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,400.00	\$2,400.00	\$3,000.00	\$3,000.00	(\$600.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	490.00	\$66.00	\$32,340.00	\$60.00	\$29,400.00	\$2,940.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	2,500.00	\$0.90	\$2,250.00	\$2.00	\$5,000.00	(\$2,750.00)
647.1	HUMUS	CY	75.00	\$33.00	\$2,475.00	\$25.00	\$1,875.00	\$600.00

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	
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$106.00	\$106.00	\$250.00	\$250.00	(\$144.00)
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	225.00	\$3.00	\$675.00	\$4.00	\$900.00	(\$225.00)
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,400.00	\$6.00	\$8,400.00	\$7.00	\$9,800.00	(\$1,400.00)
677.53	FIBER OPTIC SPLICE	EA	1.00	\$1,519.00	\$1,519.00	\$4,500.00	\$4,500.00	(\$2,981.00)
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,819.00	\$2,819.00	\$1,600.00	\$1,600.00	\$1,219.00
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	1.00	\$4,719.00	\$4,719.00	\$3,800.00	\$3,800.00	\$919.00
677.64	UNINTERRUPTABLE POWER SUPPLY (UPS)	EA	1.00	\$5,419.00	\$5,419.00	\$4,300.00	\$4,300.00	\$1,119.00
692	MOBILIZATION	U	1.00	\$25,100.00	\$25,100.00	\$48,500.00	\$48,500.00	(\$23,400.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,498.00	\$1,498.00	\$2,000.00	\$2,000.00	(\$502.00)
698.12	FIELD OFFICE TYPE B	MON	20.00	\$1,625.00	\$32,500.00	\$2,000.00	\$40,000.00	(\$7,500.00)
698.2	PHYSICAL TESTING LABORATORY	MON	18.00	\$1,028.00	\$18,504.00	\$900.00	\$16,200.00	\$2,304.00
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
					\$1,099,663.00		\$1,063,574.00	\$36,089.00



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
2/22/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER 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	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Cincinnati Insurance Company	10677
INSURED American Excavating Corp 5 Madden Road PO Box 1220 Derry NH 03038	INSURER B: AIM Mutual	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL1532708026 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			EPP0235230	4/1/2015	4/1/2016	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
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							\$
A	AUTOMOBILE LIABILITY			EBA0243942 Pollution endt#AA4012	4/1/2015	4/1/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS						BODILY INJURY (Per person) \$ included
	<input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS						BODILY INJURY (Per accident) \$ included
							PROPERTY DAMAGE (Per accident) \$ included
							Endorsement \$ 500,000
							\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR			EPP0235230	4/1/2015	4/1/2016	EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$ 5,000,000
	DED RETENTION \$						\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			NH & MA ECC-600-4000750-2015a Alfred & Stephen Lannan	4/1/2015	4/1/2016	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	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

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Job: "Seabrook Project No. X-A002 (762), 16444 - Roadway Reconstruction"

CERTIFICATE HOLDER

State of New Hampshire
Department of Transportation
John O. Morton Building
7 Hazen Drive
P.O. Box 483
Concord, NH 03302-0482

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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/8/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER 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	
	INSURER(S) AFFORDING COVERAGE NAIC #	
INSURED State of New Hampshire Department of Transportation c/o American Excavating Corp PO Box 1220 Derry NH 03038	INSURER A: Cincinnati Insurance Company 10677	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES **CERTIFICATE NUMBER:** CL1622909268 **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 INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY		CAP5244045	2/23/2016	2/23/2017	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input checked="" type="checkbox"/> OCP liability					MED EXP (Any one person) \$
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC					PERSONAL & ADV INJURY \$
	OTHER:					GENERAL AGGREGATE \$ 3,000,000
	AUTOMOBILE LIABILITY					PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> ANY AUTO					COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS				BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per accident) \$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR				PROPERTY DAMAGE (Per accident) \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE				\$
	DED	RETENTION \$				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	<input type="checkbox"/> Y/N	N/A			PER STATUTE
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/>				OTHER
	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 (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Job: "Seabrook Project No. X-A002(762),16444 - Roadway Reconstruction"

CERTIFICATE HOLDER

CANCELLATION

State of New Hampshire
 Department of Transportation
 John O. Morton Building
 7 Hazen Drive
 P.O. Box 483
 Concord, NH 03302-0482

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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