



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



25
Bent

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
July 26, 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 \$522,543.60 for constructing turn lanes on NH 13 at the NH 130 (Milford Street) and Quimby Road intersection in the town of Brookline, from the date of Governor and Council approval through June 16, 2017 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2017</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$522,543.60

2. Further authorize that a contingency in the amount of \$15,676.31 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 3% of the contract amount.

Funding is available as follows:	<u>FY 2017</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$15,676.31

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Highway Safety Improvement Program (HSIP). This project consists of constructing left turn lanes along approximately 2000 feet NH 13 at the NH 130 (Milford Street) and Quimby Road intersection in the town of Brookline. This will require a step box widening on both sides of the roadway to accommodate the additional lane. This project was developed to implement safety improvements as recommended by a 2014 Road Safety Audit. The left turn lanes on NH 13 will provide a refuge for left turning traffic, thus improving intersection safety.

Page 2

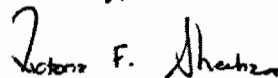
A contingency amount of 3% of the contract amount is proposed. Due to the short duration of the project and the absence of highly variable items or work efforts, a small contingency is included.

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,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$538,218.20
Contract Amount: \$522,543.60
Under Estimate: \$ 15,674.60

Attachments

May 20, 2016

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of constructing left turn lanes on NH 13 at the NH 130 (Milford Street) & Quimby Road intersection in the town of Brookline. This will require a step box widening on both sides of the roadway to accommodate the additional lane.

FEDERAL FUNDING: 90% (HSIP) with the anticipated use of Turnpike Toll Credits as the State's 10% match.

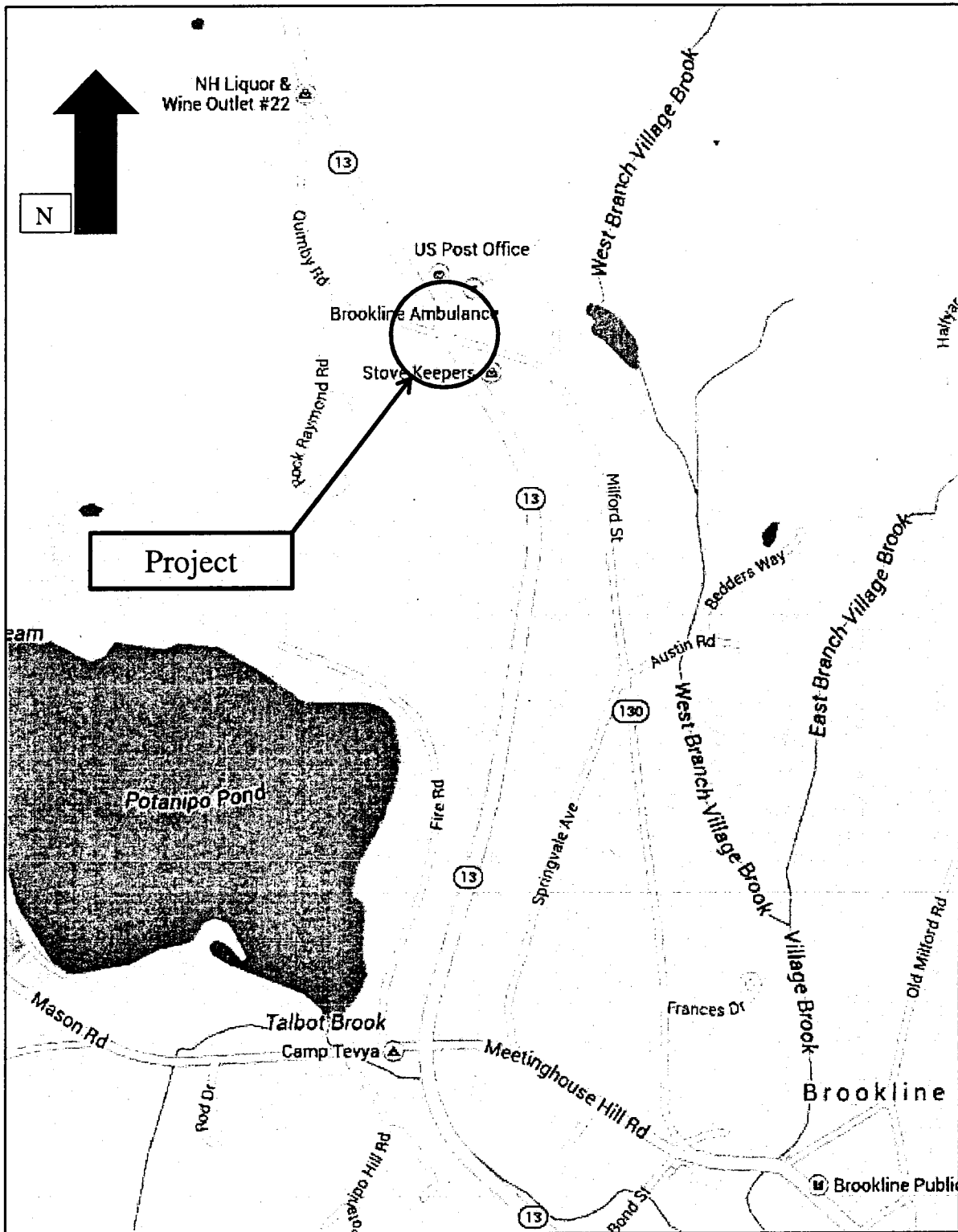
CONTINGENCY: A contingency amount of 3% of the contract amount is proposed. Due to the short duration of the project and the absence of highly variable items or work efforts, a small contingency is included.

PROJECT INITIATED: State's Highway Safety Improvement Program (HSIP).

PROJECT NEED: This project was developed to implement safety improvements as recommended by a 2014 Road Safety Audit. The left turn lanes on NH 13 will provide a refuge for left turning traffic, thus improving intersection safety.

TRAFFIC IMPLICATIONS: Short term shoulder closure will be allowed with approval for the step box widening. Two-way traffic will be maintained during non-work hours. Traffic will be maintained on pavement having a minimum width of 11 foot travel lanes and 2 foot shoulders.

COMPLETION DATE: June 16, 2017



Brookline 40092

X-A004(343)

NH 13 / NH 130 intersection safety improvements



ABC Bid Data

BROOKLINE
40092
X-A004(343)

PROJECT: BROOKLINE
STATE PROJECT NUMBER: 40092
FED. PROJECT NUMBER: X-A004(343)
DATE BIDS OPEN: July 14, 2016, 2:00 PM
SCOPE OF WORK: NH 130 intersection safety improvements: widen NH 13 to add left turn lanes
COMPLETION DATE: June 16, 2017
LOCATION: Hillsborough

Awarded To:

Certified by: _____
Director of Project Development

Amount: \$0.00

Award Date:

Summary of Bidders

Contractor	Bid Amount	Rank
AMERICAN EXCAVATING CORP. 5 MADDEN ROAD, PO BOX 1220, DERRY NH 03038 NORTHEAST EARTH MECHANICS INC 159 BARNSTEAD ROAD, PITTSFIELD NH 03263 PARK CONSTRUCTION CORPORATION 138 NH RTE. 119 EAST, PO BOX 600, FITZWILLIAM NH 03447	\$522,543.60 \$545,376.50 \$594,688.60	A B C

Item No.	Description	Unit	Quantity	P&E		AMERICAN EXCAVATING CORP. 1000 W. 10TH ST. DERRY, NH 03038		NORTHEAST EARTH MECHANICS INC 1000 W. 10TH ST. PITTSFIELD, NH 03253	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50,000	\$5.50	\$275.00	\$15.00	\$750.00	\$6.00	\$300.00
203.1	COMMON EXCAVATION	CY	2,550,000	\$11.00	\$28,050.00	\$18.00	\$45,900.00	\$10.00	\$25,500.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	25,000	\$23.00	\$575.00	\$12.00	\$300.00	\$10.00	\$250.00
206.18	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25,000	\$17.80	\$445.00	\$70.00	\$1,750.00	\$25.00	\$625.00
214.	FINE GRADING	U	1,000	\$4,500.00	\$4,500.00	\$31,000.00	\$31,000.00	\$5,000.00	\$5,000.00
304.2	GRAVEL (F)	CY	1,150,000	\$20.00	\$23,000.00	\$23.75	\$27,312.50	\$24.00	\$27,600.00
304.3	CRUSHED GRAVEL (F)	CY	1,150,000	\$25.00	\$28,750.00	\$29.00	\$33,350.00	\$30.00	\$34,500.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	60,000	\$42.00	\$2,520.00	\$54.00	\$3,240.00	\$31.00	\$1,860.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (CC/QA TIER 2)	TON	1,450,000	\$86.00	\$124,700.00	\$89.00	\$129,050.00	\$86.00	\$124,700.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	40,000	\$163.00	\$6,520.00	\$120.00	\$4,800.00	\$115.00	\$4,600.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	730,000	\$1.25	\$912.50	\$2.00	\$1,460.00	\$2.00	\$1,460.00
403.6	PAVEMENT JOINT ADHESIVE	LF	10,900,000	\$2.15	\$23,435.00	\$4.00	\$43,600.00	\$0.50	\$5,450.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	400,000	\$4.00	\$1,600.00	\$4.00	\$1,600.00	\$4.00	\$1,600.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,400,000	\$34.00	\$47,600.00	\$6.00	\$8,400.00	\$5.00	\$7,000.00
608.26	6" CONCRETE SIDEWALK (F)	SY	12,000	\$80.00	\$960.00	\$80.00	\$960.00	\$95.00	\$1,140.00
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	35,000	\$35.00	\$1,225.00	\$85.00	\$2,975.00	\$40.00	\$1,400.00
609.02187	CURVED GRANITE CURB 18" HIGH W/3" ROUNDED EDGE	LF	15,000	\$60.00	\$900.00	\$120.00	\$1,800.00	\$50.00	\$750.00
615.0201	TRAFFIC SIGN TYPE B	SF	103,000	\$73.00	\$7,519.00	\$45.00	\$4,635.00	\$45.00	\$4,635.00
615.0301	TRAFFIC SIGN TYPE C	SF	106,500	\$44.00	\$4,686.00	\$36.00	\$3,834.00	\$35.00	\$3,727.50
615.0501	TRAFFIC SIGN TYPE BB	SF	10,000	\$18.00	\$180.00	\$19.00	\$190.00	\$18.00	\$180.00
615.0601	TRAFFIC SIGN TYPE CC	SF	48,100	\$12.00	\$577.20	\$16.00	\$769.60	\$15.00	\$721.50
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	9,000,000	\$1.00	\$9,000.00	\$1.00	\$9,000.00	\$1.00	\$9,000.00
618.7	FLAGGERS	HR	1,200,000	\$22.00	\$26,400.00	\$25.50	\$30,600.00	\$26.00	\$31,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$25,000.00	\$25,000.00	\$8,905.50	\$8,905.50	\$15,000.00	\$15,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3,000	\$2,407.00	\$7,221.00	\$3,720.00	\$11,160.00	\$3,000.00	\$9,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2,000	\$8,000.00	\$16,000.00	\$4,750.00	\$9,500.00	\$4,000.00	\$8,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,550,000	\$2.80	\$9,940.00	\$1.50	\$5,325.00	\$1.50	\$5,325.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	29,500,000	\$0.30	\$8,850.00	\$0.16	\$4,720.00	\$0.10	\$2,950.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	200,000	\$2.50	\$500.00	\$0.85	\$130.00	\$1.00	\$200.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	55,000	\$1.50	\$82.50	\$1.10	\$60.50	\$2.00	\$110.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	40,000	\$6.00	\$240.00	\$2.10	\$84.00	\$5.00	\$200.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	320,000	\$10.00	\$3,200.00	\$5.00	\$1,600.00	\$10.00	\$3,200.00
632.911	OBULTERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	3,550,000	\$2.00	\$7,100.00	\$0.50	\$1,775.00	\$1.25	\$4,437.50
641.	LOAM	CY	30,000	\$82.50	\$2,475.00	\$35.00	\$1,050.00	\$35.00	\$1,050.00
645.121	TEMPORARY MULCH AND TACKIFIERS	SY	100,000	\$0.50	\$50.00	\$9.00	\$900.00	\$9.00	\$900.00
645.3	EROSION STONE	TON	160,000	\$57.00	\$9,120.00	\$30.00	\$4,800.00	\$20.00	\$3,200.00
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	2,950,000	\$2.20	\$6,490.00	\$1.30	\$3,835.00	\$1.30	\$3,835.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	750,000	\$5.00	\$3,750.00	\$4.00	\$3,000.00	\$3.50	\$2,625.00
645.531	SILT FENCE	LF	350,000	\$3.00	\$1,050.00	\$2.75	\$962.50	\$2.50	\$875.00

Item No.	Description	Unit	Quantity	PS&E		AMERICAN LEICAVATING CORP. 1000 W. MARKET ST. DERRY, NH 03038		NORTHEAST EARTH MECHANICS INC 1000 W. MARKET ST. PITTSFIELD, NH 03263	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1,000	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	50,000	\$74.00	\$3,700.00	\$75.00	\$3,750.00	\$75.00	\$3,750.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,180,000	\$3.00	\$9,540.00	\$0.50	\$1,590.00	\$0.50	\$1,590.00
647.1	HUMUS	CY	330,000	\$16.00	\$5,280.00	\$14.00	\$4,620.00	\$11.00	\$3,630.00
692.	MOBILIZATION	U	1,000	\$35,000.00	\$35,000.00	\$24,000.00	\$24,000.00	\$140,000.00	\$140,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1,000	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
698.13	FIELD OFFICE TYPE C	MON	10,000	\$1,000.00	\$10,000.00	\$1,520.00	\$15,200.00	\$1,000.00	\$10,000.00
1010.15	FUEL ADJUSTMENT	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,300,000	\$1.00	\$5,300.00	\$1.00	\$5,300.00	\$1.00	\$5,300.00

Totals: \$538,218.20 \$522,543.60 \$545,376.50

Item No.	Description	Unit	Quantity	PS&E		PARK CONSTRUCTION CORPORATION 138 NH RTE. 118 EAST FITZWILLIAM, NH 03447	
				Unit Price	Total	Unit Price	Total

Items

201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50,000	\$5.50	\$275,000	\$15.00	\$750,000
203.1	COMMON EXCAVATION	CY	2,550,000	\$11.00	\$28,050.00	\$18.00	\$45,900.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	25,000	\$23.00	\$575.00	\$20.00	\$500.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25,000	\$17.80	\$445.00	\$75.00	\$1,875.00
214.	FINE GRADING	U	1,000	\$4,500.00	\$4,500.00	\$9,000.00	\$9,000.00
304.2	GRAVEL (F)	CY	1,150,000	\$20.00	\$23,000.00	\$35.00	\$40,250.00
304.3	CRUSHED GRAVEL (F)	CY	1,150,000	\$25.00	\$28,750.00	\$35.00	\$40,250.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	60,000	\$42.00	\$2,520.00	\$45.00	\$2,700.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (OG/QA TIER 2)	TON	1,450,000	\$86.00	\$124,700.00	\$90.00	\$130,500.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	40,000	\$163.00	\$6,520.00	\$150.00	\$6,000.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	730,000	\$1.25	\$912.50	\$3.00	\$2,190.00
403.6	PAVEMENT JOINT ADHESIVE	LF	10,900,000	\$2.15	\$23,435.00	\$1.00	\$10,900.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	400,000	\$4.00	\$1,600.00	\$5.00	\$2,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,400,000	\$34.00	\$47,600.00	\$6.00	\$8,400.00
608.26	6" CONCRETE SIDEWALK (F)	SY	12,000	\$80.00	\$960.00	\$75.00	\$900.00
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	35,000	\$35.00	\$1,225.00	\$85.00	\$2,975.00
609.02187	CURVED GRANITE CURB 18" HIGH W/ 3" ROUNDED EDGE	LF	15,000	\$60.00	\$900.00	\$95.00	\$1,425.00
615.0201	TRAFFIC SIGN TYPE B	SF	103,000	\$73.00	\$7,519.00	\$45.00	\$4,635.00
615.0301	TRAFFIC SIGN TYPE C	SF	106,500	\$44.00	\$4,686.00	\$36.00	\$3,834.00
615.0501	TRAFFIC SIGN TYPE BB	SF	10,000	\$18.00	\$180.00	\$19.00	\$190.00
615.0601	TRAFFIC SIGN TYPE CC	SF	48,100	\$12.00	\$577.20	\$16.00	\$769.60
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	9,000,000	\$1.00	\$9,000.00	\$1.00	\$9,000.00
618.7	FLAGGERS	HR	1,200,000	\$22.00	\$26,400.00	\$29.00	\$34,800.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3,000	\$2,407.00	\$7,221.00	\$8,600.00	\$25,800.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2,000	\$8,000.00	\$16,000.00	\$11,000.00	\$22,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,550,000	\$2.80	\$9,940.00	\$2.00	\$7,100.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	29,500,000	\$0.30	\$8,850.00	\$0.20	\$5,900.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	200,000	\$2.50	\$500.00	\$2.00	\$400.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	55,000	\$1.50	\$82.50	\$3.00	\$165.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	40,000	\$6.00	\$240.00	\$6.00	\$240.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	320,000	\$10.00	\$3,200.00	\$8.00	\$2,560.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER LOAM	LF	3,550,000	\$2.00	\$7,100.00	\$2.00	\$7,100.00
641.	LOAM	CY	30,000	\$82.50	\$2,475.00	\$45.00	\$1,350.00
645.121	TEMPORARY MULCH AND TACKIFIERS	SY	100,000	\$0.50	\$50.00	\$10.00	\$1,000.00
645.3	EROSION STONE	TON	160,000	\$57.00	\$9,120.00	\$55.00	\$8,800.00
645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	2,950,000	\$2.20	\$6,490.00	\$2.00	\$5,900.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	750,000	\$5.00	\$3,750.00	\$5.00	\$3,750.00
645.531	SILT FENCE	LF	350,000	\$3.00	\$1,050.00	\$4.00	\$1,400.00

Item No.	Description	Unit	Quantity	P&E		PARK CONSTRUCTION CORPORATION 100 MILL ST FITZWILLIAM, NH 03447		Total	Unit Price	Total
				Unit Price	Total	Unit Price	Total			
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1,000	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00			
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	50,000	\$74.00	\$3,700.00	\$85.00	\$4,250.00			
645.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,180,000	\$3.00	\$9,540.00	\$1.00	\$3,180.00			
647.1	HUMUS	CY	330,000	\$16.00	\$5,280.00	\$25.00	\$8,250.00			
692.	MOBILIZATION	U	1,000	\$35,000.00	\$35,000.00	\$55,000.00	\$55,000.00			
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1,000	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00			
698.13	FIELD OFFICE TYPE C	MON	10,000	\$1,000.00	\$10,000.00	\$1,100.00	\$11,000.00			
1010.15	FUEL ADJUSTMENT	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00			
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00			
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,300,000	\$1.00	\$5,300.00	\$1.00	\$5,300.00			

Totals: **\$538,218.20** **\$594,668.60**

PS&E Comparison

BROOKLINE
 40092
 X-A004(343)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50.000	\$15.00	\$750.00	\$5.50	\$275.00	\$475.00
203.1	COMMON EXCAVATION	CY	2,550.000	\$18.00	\$45,900.00	\$11.00	\$28,050.00	\$17,850.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	25.000	\$12.00	\$300.00	\$23.00	\$575.00	(\$275.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25.000	\$70.00	\$1,750.00	\$17.80	\$445.00	\$1,305.00
214.	FINE GRADING	U	1.000	\$31,000.00	\$31,000.00	\$4,500.00	\$4,500.00	\$26,500.00
304.2	GRAVEL (F)	CY	1,150.000	\$23.75	\$27,312.50	\$20.00	\$23,000.00	\$4,312.50
304.3	CRUSHED GRAVEL (F)	CY	1,150.000	\$29.00	\$33,350.00	\$25.00	\$28,750.00	\$4,600.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	60.000	\$54.00	\$3,240.00	\$42.00	\$2,520.00	\$720.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	1,450.000	\$89.00	\$129,050.00	\$86.00	\$124,700.00	\$4,350.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	40.000	\$120.00	\$4,800.00	\$163.00	\$6,520.00	(\$1,720.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	730.000	\$2.00	\$1,460.00	\$1.25	\$912.50	\$547.50
403.6	PAVEMENT JOINT ADHESIVE	LF	10,900.000	\$4.00	\$43,600.00	\$2.15	\$23,435.00	\$20,165.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	400.000	\$4.00	\$1,600.00	\$4.00	\$1,600.00	\$0.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,400.000	\$6.00	\$8,400.00	\$34.00	\$47,600.00	(\$39,200.00)
608.26	6" CONCRETE SIDEWALK (F)	SY	12.000	\$80.00	\$960.00	\$80.00	\$960.00	\$0.00

Items

609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	35.000	\$85.00	\$2,975.00	\$35.00	\$1,225.00	\$1,750.00
609.02187	CURVED GRANITE CURB 18" HIGH W/ 3" ROUNDED EDGE	LF	15.000	\$120.00	\$1,800.00	\$60.00	\$900.00	\$900.00
615.0201	TRAFFIC SIGN TYPE B	SF	103.000	\$45.00	\$4,635.00	\$73.00	\$7,519.00	(\$2,884.00)
615.0301	TRAFFIC SIGN TYPE C	SF	106.500	\$36.00	\$3,834.00	\$44.00	\$4,686.00	(\$852.00)
615.0501	TRAFFIC SIGN TYPE BB	SF	10.000	\$19.00	\$190.00	\$18.00	\$180.00	\$10.00
615.0601	TRAFFIC SIGN TYPE CC	SF	48.100	\$16.00	\$769.60	\$12.00	\$577.20	\$192.40
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	9,000.000	\$1.00	\$9,000.00	\$1.00	\$9,000.00	\$0.00
618.7	FLAGGERS	HR	1,200.000	\$25.50	\$30,600.00	\$22.00	\$26,400.00	\$4,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$8,905.50	\$8,905.50	\$25,000.00	\$25,000.00	(\$16,094.50)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.000	\$3,720.00	\$11,160.00	\$2,407.00	\$7,221.00	\$3,939.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.000	\$4,750.00	\$9,500.00	\$8,000.00	\$16,000.00	(\$6,500.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,550.000	\$1.50	\$5,325.00	\$2.80	\$9,940.00	(\$4,615.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	29,500.000	\$0.16	\$4,720.00	\$0.30	\$8,850.00	(\$4,130.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	200.000	\$0.65	\$130.00	\$2.50	\$500.00	(\$370.00)
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	55.000	\$1.10	\$60.50	\$1.50	\$82.50	(\$22.00)
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	40.000	\$2.10	\$84.00	\$6.00	\$240.00	(\$156.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	320.000	\$5.00	\$1,600.00	\$10.00	\$3,200.00	(\$1,600.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	3,550.000	\$0.50	\$1,775.00	\$2.00	\$7,100.00	(\$5,325.00)
641.	LOAM	CY	30.000	\$35.00	\$1,050.00	\$82.50	\$2,475.00	(\$1,425.00)
645.121	TEMPORARY MULCH AND TACKIFIERS	SY	100.000	\$9.00	\$900.00	\$0.50	\$50.00	\$850.00
645.3	EROSION STONE	TON	160.000	\$30.00	\$4,800.00	\$57.00	\$9,120.00	(\$4,320.00)

645.42	TEMPORARY SLOPE STABILIZATION TYPE B (WILDLIFE FRIENDLY)	SY	2,950,000	\$1.30	\$3,835.00	\$2.20	\$6,490.00	(\$2,655.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	750,000	\$4.00	\$3,000.00	\$5.00	\$3,750.00	(\$750.00)
645.531	SILT FENCE	LF	350,000	\$2.75	\$962.50	\$3.00	\$1,050.00	(\$87.50)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1,000	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	(\$1,000.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	50,000	\$75.00	\$3,750.00	\$74.00	\$3,700.00	\$50.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	3,180,000	\$0.50	\$1,590.00	\$3.00	\$9,540.00	(\$7,950.00)
647.1	HUMUS	CY	330,000	\$14.00	\$4,620.00	\$16.00	\$5,280.00	(\$660.00)
692.	MOBILIZATION	U	1,000	\$24,000.00	\$24,000.00	\$35,000.00	\$35,000.00	(\$11,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1,000	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00
698.13	FIELD OFFICE TYPE C	MON	10,000	\$1,520.00	\$15,200.00	\$1,000.00	\$10,000.00	\$5,200.00
1010.15	FUEL ADJUSTMENT	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000,000	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	5,300,000	\$1.00	\$5,300.00	\$1.00	\$5,300.00	\$0.00

Total:

\$522,543.60 \$538,218.20 (\$15,674.60)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/22/2016

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).

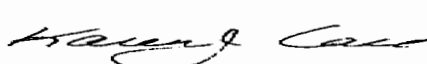
PRODUCER Aspen Insurance Agency P O Box 510 Manchester NH 03105		CONTACT NAME: Karen Case PHONE (A/C, No, Ext): (603) 647-0800 E-MAIL ADDRESS: kcase@aspen-ins.com FAX (A/C, No): (603) 647-0330	
INSURED American Excavating Corp 5 Madden Road PO Box 1220 Derry NH 03038		INSURER(S) AFFORDING COVERAGE INSURER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

COVERAGES **CERTIFICATE NUMBER:** CL1632509386 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			EPP0235230	4/1/2016	4/1/2017	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 Pollution Coverage \$ 100,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			EBA0243942 Pollution end.#AA4012	4/1/2016	4/1/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Pollution Coverage \$ 500,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EPP0235230	4/1/2016	4/1/2017	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) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> Y <input type="checkbox"/> N/A		NH & MA ECC-600-4000750-2015a Alfred & Stephen Lannan	4/1/2016	4/1/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project Name: Brookline, State Project No. 40092, Federal Project No. X-A004(343)
NH Department of Transportation Office of Federal Compliance is an additional insured (CGL) if required by signed contract with the named insured.
30 days written notice shall be given except 10 days for non payment of premium.

CERTIFICATE HOLDER NH Department of Transportation Office of Federal Compliance 7 Hazen Drive Concord, NH 03302-0483	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/DIANA 
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/28/2016

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

COVERAGES CERTIFICATE NUMBER: CL1672809877 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	ADD'L INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CAP5244042	7/25/2016	7/25/2017	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project: Brookline, State Project No. 40092, Federal Project No. X-A004(343).

CERTIFICATE HOLDER NH Department of Transportation Office of Federal Compliance 7 Hazen Drive Concord, NH 03302	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 Lyndsay Lee/LLEE <i>Lyndsay Lee</i>
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