



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Commissioner

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David Rodrigue, P.E.
Assistant Commissioner
Andre Briere, Colonel, USAF (RET)
Deputy Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
September 10, 2024

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Northeast Earth Mechanics, LLC (Vendor 156610) of Pittsfield, NH, on the basis of a sole bid of \$18,771,486.75 for construction of sound abatement walls and privacy fence along I-95 in Portsmouth (Project: Portsmouth #43760), from the date of Governor and Council approval through October 3, 2025, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2025, and is anticipated to be available in State Fiscal Year 2026 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 3 columns: Funding description, FY 2025, FY 2026. Rows include Consolidated Federal Aid and 400-500870 Highway Contract Payments.

2. Further authorize that a contingency in the amount of \$938,574.34 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.

Table with 2 columns: Funding description, FY 2026. Row includes 400-500870 Highway Contract Payments.

EXPLANATION

This project proposes to construct two new sound abatement walls on the SB I-95 and a privacy fence along NB I-95 in Portsmouth.

The southern soundwall starts at MM 13.14 near the Exit 3 SB off ramp and runs north 360' and stops at the southern side of Sherburne Road bridge. It starts again on the north side of Sherburne Road bridge and continues 1,980' north along Pannaway Manor to MM 13.60, where Exit 4 SB off for Spaulding Turnpike meets I-95 SB.

The northern soundwall starts just north of Spaulding Turnpike underpass at MM 14.58 and runs 708' north stopping at the southern side of the Woodbury Avenue bridge. It starts again on the north side of the Woodbury Avenue bridge and continues 2,069' north stopping at the Maplewood Ave. bridge. It starts again on the north side of the Maplewood Ave. bridge continuing 341' to exit 7 SB on ramp at MM 15.27

The privacy fence is located on I-95 NB and starts 275' north of Woodbury Ave. along New Franklin School at MM 14.82 and runs 1,025' north to the end of the New Franklin school property at MM 15.01.

The purpose of this project is to construct new sound abatement walls and a privacy fence. The need for the sound abatement walls was identified under the I-95 High Level Bridge Part-Time Shoulder Use System (Portsmouth 16189B) Highway Noise Technical Report. A sound abatement wall was not needed along the New Franklin School frontage, but a privacy fence will be constructed per discussion with the City of Portsmouth.

The proposed contingency amount is 5% of the contract amount. This is to account for unforeseen issues during the construction operation.

Although the bid costs exceeded the Department's estimate by 30.48%, the sole bid received is felt to be reasonable for the work involved. Items that contributed to the higher than expected bid were: Item 509.1 Mobilization of Drilled Shaft Equipment \$2,350,000, Item 529.6 Precast Sound Wall Panels \$621,000, Item 606.417 Portable Concrete Barrier \$476,000, and Item 619.1 Maintenance of Traffic \$650,000. Readvertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish this needed work.

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. 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 anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds.

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

Your approval of this resolution is respectfully requested.

Sincerely,



William J. Cass, P.E.
Commissioner

WJC/pcj

Department Estimate:	\$14,386,927.50
Contract Amount:	<u>\$18,771,486.75</u>
Over Estimate:	\$ 4,384,559.25
Attachments	



ABC Bid Data

PORTSMOUTH
43760
X-A005(230)

PROJECT: PORTSMOUTH
STATE PROJECT NUMBER: 43760
FED. PROJECT NUMBER: X-A005(230)
DATE BIDS OPEN: May 23, 2024, 2:00 PM
SCOPE OF WORK: Soundwalls/privacy fence along I-95 in Portsmouth
COMPLETION DATE: October 03, 2025
LOCATION: Rockingham

Awarded To: NORTHEAST EARTH
MECHANICS LLC
159 BARNSTEAD ROAD
PITTSFIELD, NH 03263

Amount: \$18,771,486.75

Award Date:

Certified by: WILLIAM J. OLDENBURG

Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD, PITTSFIELD NH 03263	\$18,771,486.75	A

Item No.	Description	Unit	Quantity	PS&E		NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

201.1	CLEARING AND GRUBBING (F)	A	2.40	\$20,000.00	\$48,000.00	\$40,000.00	\$96,000.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	11,000.00	\$4.00	\$44,000.00	\$4.00	\$44,000.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	2,700.00	\$7.00	\$18,900.00	\$6.00	\$16,200.00		
202.7	REMOVAL OF GUARDRAIL	LF	3,400.00	\$3.50	\$11,900.00	\$9.00	\$30,600.00		
202.8	REMOVAL OF FENCE	LF	3,250.00	\$3.00	\$9,750.00	\$3.00	\$9,750.00		
202.84	REMOVAL OF LIGHT POLE BASES	EA	10.00	\$1,500.00	\$15,000.00	\$850.00	\$8,500.00		
203.1	COMMON EXCAVATION	CY	360.00	\$35.00	\$12,600.00	\$33.00	\$11,880.00		
203.11	COMMON EXCAVATION - LRS	CY	2,800.00	\$30.00	\$84,000.00	\$38.00	\$106,400.00		
203.112	COMMON EXCAVATION - LRS/PFAS	CY	28.00	\$30.00	\$840.00	\$48.00	\$1,344.00		
203.12	COMMON EXCAVATION - PFAS	CY	220.00	\$30.00	\$6,600.00	\$48.00	\$10,560.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	7,500.00	\$28.00	\$210,000.00	\$40.00	\$300,000.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	150.00	\$100.00	\$15,000.00	\$40.00	\$6,000.00		
214.	FINE GRADING	U	1.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	350.00	\$65.00	\$22,750.00	\$66.50	\$23,275.00		
403.11943	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH	TON	475.00	\$130.00	\$61,750.00	\$310.00	\$147,250.00		
403.12	HBP-HAND METHOD	TON	9.00	\$250.00	\$2,250.00	\$345.00	\$3,105.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	3,150.00	\$1.25	\$3,937.50	\$0.70	\$2,205.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	165.00	\$50.00	\$8,250.00	\$12.60	\$2,079.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	2,700.00	\$5.00	\$13,500.00	\$6.30	\$17,010.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	832.00	\$75.00	\$62,400.00	\$38.00	\$31,616.00		
508.	STRUCTURAL FILL	CY	90.00	\$80.00	\$7,200.00	\$52.00	\$4,680.00		
509.1	MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$150,000.00	\$150,000.00	\$2,500,000.00	\$2,500,000.00		
509.2	DRILLED SHAFTS	LF	4,700.00	\$500.00	\$2,350,000.00	\$505.00	\$2,373,500.00		
509.3	OBSTRUCTION REMOVAL	LF	48.00	\$500.00	\$24,000.00	\$505.00	\$24,240.00		

ABC Bid Data

PORTSMOUTH
 43760
 X-A005(230)

Item No.	Description	Unit	Quantity	PS&E		NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
509.4	ROCK SOCKET EXCAVATION	LF	750.00	\$750.00	\$562,500.00	\$505.00	\$378,750.00		
529.6	PRECAST CONCRETE PANEL SOUND ABATEMENT WALL	SF	103,500.00	\$59.00	\$6,106,500.00	\$65.00	\$6,727,500.00		
529.90480	PRECAST PRIVACY FENCE, 8'	LF	1,000.00	\$440.00	\$440,000.00	\$400.00	\$400,000.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	19.00	\$130.00	\$2,470.00	\$125.00	\$2,375.00		
585.2	STONE FILL, CLASS B	CY	850.00	\$65.00	\$55,250.00	\$85.00	\$72,250.00		
585.5	STONE FILL, CLASS E	CY	500.00	\$60.00	\$30,000.00	\$70.00	\$35,000.00		
592.31	PRECAST CONCRETE MODULAR RETAINING WALL	SF	2,108.50	\$160.00	\$337,360.00	\$86.50	\$182,385.25		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,950.00	\$4.00	\$7,800.00	\$3.00	\$5,850.00		
603.00218	18" R.C. PIPE, 2000D	LF	12.00	\$150.00	\$1,800.00	\$300.00	\$3,600.00		
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	3.00	\$4,500.00	\$13,500.00	\$4,900.00	\$14,700.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$750.00	\$2,250.00	\$850.00	\$2,550.00		
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	3,000.00	\$30.00	\$90,000.00	\$37.50	\$112,500.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	125.00	\$37.00	\$4,625.00	\$39.50	\$4,937.50		
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	6.00	\$5,500.00	\$33,000.00	\$6,625.00	\$39,750.00		
606.41231	TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST	U	6.00	\$4,500.00	\$27,000.00	\$4,350.00	\$26,100.00		
606.413	SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST	LF	3,100.00	\$165.00	\$511,500.00	\$166.00	\$514,600.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	6,800.00	\$50.00	\$340,000.00	\$120.00	\$816,000.00		
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	220.00	\$110.00	\$24,200.00	\$137.00	\$30,140.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	300.00	\$25.00	\$7,500.00	\$31.50	\$9,450.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$7,000.00	\$14,000.00	\$12,500.00	\$25,000.00		
607.360	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 6' HIGH	LF	100.00	\$50.00	\$5,000.00	\$80.00	\$8,000.00		
607.73610	10' OPENING DOUBLE GATE, CHAIN LINK VINYL COATED STEEL FABRIC, 6' HIGH	U	1.00	\$2,500.00	\$2,500.00	\$3,875.00	\$3,875.00		
607.9360	RESET CHAIN LINK FENCE WITH VINYL COATED FABRIC, 6' HIGH	LF	2,460.00	\$55.00	\$135,300.00	\$52.50	\$129,150.00		
615.013	REMOVING TRAFFIC SIGN TYPE A	U	1.00	\$1,400.00	\$1,400.00	\$2,750.00	\$2,750.00		
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	2.00	\$7,500.00	\$15,000.00	\$7,000.00	\$14,000.00		

Item No.	Description	Unit	Quantity	PS&E		NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	6.00	\$350.00	\$2,100.00	\$800.00	\$4,800.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	496,500.00	\$1.00	\$496,500.00	\$1.00	\$496,500.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00	\$750,000.00	\$750,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,500.00	\$14,000.00	\$10,000.00	\$40,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$4,000.00	\$8,000.00	\$10,000.00	\$20,000.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$7,500.00	\$15,000.00	\$40,000.00	\$80,000.00		
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	35.00	\$55.00	\$1,925.00	\$30.00	\$1,050.00		
622.1	STEEL WITNESS MARKERS	EA	7.00	\$60.00	\$420.00	\$75.00	\$525.00		
625.893	REMOVE HIGH MAST LIGHT POLE	U	3.00	\$10,000.00	\$30,000.00	\$6,500.00	\$19,500.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,200.00	\$7.50	\$24,000.00	\$2.50	\$8,000.00		
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	2,300.00	\$3.00	\$6,900.00	\$4.00	\$9,200.00		
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	550.00	\$4.00	\$2,200.00	\$6.50	\$3,575.00		
632.1308	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 8"	LF	2,000.00	\$6.00	\$12,000.00	\$4.40	\$8,800.00		
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	1,000.00	\$5.00	\$5,000.00	\$5.00	\$5,000.00		
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	650.00	\$8.00	\$5,200.00	\$10.00	\$6,500.00		
643.12	FERTILIZER FOR INITIAL APPLICATION	TON	2.00	\$1,200.00	\$2,400.00	\$2,125.00	\$4,250.00		
643.22	FERTILIZER FOR REFERTILIZATION	TON	2.00	\$1,200.00	\$2,400.00	\$1,875.00	\$3,750.00		
645.119	MULCH WITH TACKIFIERS	A	1.00	\$2,200.00	\$2,200.00	\$1,750.00	\$1,750.00		
645.3	EROSION STONE	TON	350.00	\$45.00	\$15,750.00	\$36.00	\$12,600.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	7,000.00	\$3.25	\$22,750.00	\$2.80	\$19,600.00		
645.531	SILT FENCE	LF	7,500.00	\$4.00	\$30,000.00	\$4.00	\$30,000.00		
645.611	BONDED FIBER MATRIX (BFM)	LB	4,400.00	\$2.00	\$8,800.00	\$2.20	\$9,680.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00		
645.71	WATER QUALITY MONITORING, INSPECTION AND REPORTING	HR	310.00	\$150.00	\$46,500.00	\$75.00	\$23,250.00		
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	\$3,000.00	\$3,000.00	\$4,800.00	\$4,800.00		
645.75	COLD WEATHER STABILIZATION PLAN	U	1.00	\$1,100.00	\$1,100.00	\$1,400.00	\$1,400.00		

ABC Bid Data

PORTSMOUTH
 43760
 X-A005(230)

Item No.	Description	Unit	Quantity	PS&E		NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	3.00	\$8,000.00	\$24,000.00	\$4,650.00	\$13,950.00		
647.1	HUMUS	CY	2,800.00	\$40.00	\$112,000.00	\$39.00	\$109,200.00		
660.61	DOOR FOR SOUND ABATEMENT WALL	U	3.00	\$20,000.00	\$60,000.00	\$20,000.00	\$60,000.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$6,500.00	\$26,000.00	\$11,700.00	\$46,800.00		
670.1619	DISCHARGE PERMIT FOR CONTAMINATED WATER	U	1.00	\$8,000.00	\$8,000.00	\$3,500.00	\$3,500.00		
692.	MOBILIZATION	U	1.00	\$912,200.00	\$912,200.00	\$1,250,000.00	\$1,250,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,000.00	\$3,000.00	\$4,800.00	\$4,800.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,500.00	\$4,500.00	\$8,300.00	\$8,300.00		
698.12	FIELD OFFICE TYPE B	MON	26.00	\$3,500.00	\$91,000.00	\$1,000.00	\$26,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	175,000.00	\$1.00	\$175,000.00	\$1.00	\$175,000.00		
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
Totals:				\$14,386,927.50	\$18,771,486.75				
Alt. Totals:									
Totals:				\$14,386,927.50	\$18,771,486.75				



PS&E Comparison

PORTSMOUTH
43760
X-A005(230)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.1	CLEARING AND GRUBBING (F)	A	2.40	\$40,000.00	\$96,000.00	\$20,000.00	\$48,000.00	\$48,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	11,000.00	\$4.00	\$44,000.00	\$4.00	\$44,000.00	\$0.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	2,700.00	\$6.00	\$16,200.00	\$7.00	\$18,900.00	(\$2,700.00)
202.7	REMOVAL OF GUARDRAIL	LF	3,400.00	\$9.00	\$30,600.00	\$3.50	\$11,900.00	\$18,700.00
202.8	REMOVAL OF FENCE	LF	3,250.00	\$3.00	\$9,750.00	\$3.00	\$9,750.00	\$0.00
202.84	REMOVAL OF LIGHT POLE BASES	EA	10.00	\$850.00	\$8,500.00	\$1,500.00	\$15,000.00	(\$6,500.00)
203.1	COMMON EXCAVATION	CY	360.00	\$33.00	\$11,880.00	\$35.00	\$12,600.00	(\$720.00)
203.11	COMMON EXCAVATION - LRS	CY	2,800.00	\$38.00	\$106,400.00	\$30.00	\$84,000.00	\$22,400.00
203.112	COMMON EXCAVATION - LRS/PFAS	CY	28.00	\$48.00	\$1,344.00	\$30.00	\$840.00	\$504.00
203.12	COMMON EXCAVATION - PFAS	CY	220.00	\$48.00	\$10,560.00	\$30.00	\$6,600.00	\$3,960.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	7,500.00	\$40.00	\$300,000.00	\$28.00	\$210,000.00	\$90,000.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	150.00	\$40.00	\$6,000.00	\$100.00	\$15,000.00	(\$9,000.00)
214.	FINE GRADING	U	1.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$20,000.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	350.00	\$66.50	\$23,275.00	\$65.00	\$22,750.00	\$525.00



PS&E Comparison

PORTSMOUTH
43760
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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
403.11943	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH	TON	475.00	\$310.00	\$147,250.00	\$130.00	\$61,750.00	\$85,500.00
403.12	HBP-HAND METHOD	TON	9.00	\$345.00	\$3,105.00	\$250.00	\$2,250.00	\$855.00
403.16	PAVEMENT JOINT ADHESIVE	LF	3,150.00	\$0.70	\$2,205.00	\$1.25	\$3,937.50	(\$1,732.50)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	165.00	\$12.60	\$2,079.00	\$50.00	\$8,250.00	(\$6,171.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	2,700.00	\$6.30	\$17,010.00	\$5.00	\$13,500.00	\$3,510.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	832.00	\$38.00	\$31,616.00	\$75.00	\$62,400.00	(\$30,784.00)
508.	STRUCTURAL FILL	CY	90.00	\$52.00	\$4,680.00	\$80.00	\$7,200.00	(\$2,520.00)
509.1	MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	\$2,500,000.00	\$2,500,000.00	\$150,000.00	\$150,000.00	\$2,350,000.00
509.2	DRILLED SHAFTS	LF	4,700.00	\$505.00	\$2,373,500.00	\$500.00	\$2,350,000.00	\$23,500.00
509.3	OBSTRUCTION REMOVAL	LF	48.00	\$505.00	\$24,240.00	\$500.00	\$24,000.00	\$240.00
509.4	ROCK SOCKET EXCAVATION	LF	750.00	\$505.00	\$378,750.00	\$750.00	\$562,500.00	(\$183,750.00)
529.6	PRECAST CONCRETE PANEL SOUND ABATEMENT WALL	SF	103,500.00	\$65.00	\$6,727,500.00	\$59.00	\$6,106,500.00	\$621,000.00
529.90480	PRECAST PRIVACY FENCE, 8'	LF	1,000.00	\$400.00	\$400,000.00	\$440.00	\$440,000.00	(\$40,000.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	19.00	\$125.00	\$2,375.00	\$130.00	\$2,470.00	(\$95.00)
585.2	STONE FILL, CLASS B	CY	850.00	\$85.00	\$72,250.00	\$65.00	\$55,250.00	\$17,000.00
585.5	STONE FILL, CLASS E	CY	500.00	\$70.00	\$35,000.00	\$60.00	\$30,000.00	\$5,000.00



PS&E Comparison

PORTSMOUTH
43760
X-A005(230)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
592.31	PRECAST CONCRETE MODULAR RETAINING WALL	SF	2,108.50	\$86.50	\$182,385.25	\$160.00	\$337,360.00	(\$154,974.75)
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,950.00	\$3.00	\$5,850.00	\$4.00	\$7,800.00	(\$1,950.00)
603.00218	18" R.C. PIPE, 2000D	LF	12.00	\$300.00	\$3,600.00	\$150.00	\$1,800.00	\$1,800.00
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	3.00	\$4,900.00	\$14,700.00	\$4,500.00	\$13,500.00	\$1,200.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$850.00	\$2,550.00	\$750.00	\$2,250.00	\$300.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	3,000.00	\$37.50	\$112,500.00	\$30.00	\$90,000.00	\$22,500.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	125.00	\$39.50	\$4,937.50	\$37.00	\$4,625.00	\$312.50
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	6.00	\$6,625.00	\$39,750.00	\$5,500.00	\$33,000.00	\$6,750.00
606.41231	TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST	U	6.00	\$4,350.00	\$26,100.00	\$4,500.00	\$27,000.00	(\$900.00)
606.413	SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST	LF	3,100.00	\$166.00	\$514,600.00	\$165.00	\$511,500.00	\$3,100.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	6,800.00	\$120.00	\$816,000.00	\$50.00	\$340,000.00	\$476,000.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	220.00	\$137.00	\$30,140.00	\$110.00	\$24,200.00	\$5,940.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	300.00	\$31.50	\$9,450.00	\$25.00	\$7,500.00	\$1,950.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$12,500.00	\$25,000.00	\$7,000.00	\$14,000.00	\$11,000.00
607.360	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 6' HIGH	LF	100.00	\$80.00	\$8,000.00	\$50.00	\$5,000.00	\$3,000.00

PS&E Comparison

PORTSMOUTH
 43760
 X-A005(230)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
607.73610	10' OPENING DOUBLE GATE, CHAIN LINK VINYL COATED STEEL FABRIC, 6' HIGH	U	1.00	\$3,875.00	\$3,875.00	\$2,500.00	\$2,500.00	\$1,375.00
607.9360	RESET CHAIN LINK FENCE WITH VINYL COATED FABRIC, 6' HIGH	LF	2,460.00	\$52.50	\$129,150.00	\$55.00	\$135,300.00	(\$6,150.00)
615.013	REMOVING TRAFFIC SIGN TYPE A	U	1.00	\$2,750.00	\$2,750.00	\$1,400.00	\$1,400.00	\$1,350.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	2.00	\$7,000.00	\$14,000.00	\$7,500.00	\$15,000.00	(\$1,000.00)
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	6.00	\$800.00	\$4,800.00	\$350.00	\$2,100.00	\$2,700.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	496,500.00	\$1.00	\$496,500.00	\$1.00	\$496,500.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$750,000.00	\$750,000.00	\$100,000.00	\$100,000.00	\$650,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$10,000.00	\$40,000.00	\$3,500.00	\$14,000.00	\$26,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$10,000.00	\$20,000.00	\$4,000.00	\$8,000.00	\$12,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$40,000.00	\$80,000.00	\$7,500.00	\$15,000.00	\$65,000.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	35.00	\$30.00	\$1,050.00	\$55.00	\$1,925.00	(\$875.00)
622.1	STEEL WITNESS MARKERS	EA	7.00	\$75.00	\$525.00	\$60.00	\$420.00	\$105.00
625.893	REMOVE HIGH MAST LIGHT POLE	U	3.00	\$6,500.00	\$19,500.00	\$10,000.00	\$30,000.00	(\$10,500.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	3,200.00	\$2.50	\$8,000.00	\$7.50	\$24,000.00	(\$16,000.00)
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	2,300.00	\$4.00	\$9,200.00	\$3.00	\$6,900.00	\$2,300.00
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	550.00	\$6.50	\$3,575.00	\$4.00	\$2,200.00	\$1,375.00



PS&E Comparison

PORTSMOUTH
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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.1308	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 8"	LF	2,000.00	\$4.40	\$8,800.00	\$6.00	\$12,000.00	(\$3,200.00)
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	1,000.00	\$5.00	\$5,000.00	\$5.00	\$5,000.00	\$0.00
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	650.00	\$10.00	\$6,500.00	\$8.00	\$5,200.00	\$1,300.00
643.12	FERTILIZER FOR INITIAL APPLICATION	TON	2.00	\$2,125.00	\$4,250.00	\$1,200.00	\$2,400.00	\$1,850.00
643.22	FERTILIZER FOR REFERTILIZATION	TON	2.00	\$1,875.00	\$3,750.00	\$1,200.00	\$2,400.00	\$1,350.00
645.119	MULCH WITH TACKIFIERS	A	1.00	\$1,750.00	\$1,750.00	\$2,200.00	\$2,200.00	(\$450.00)
645.3	EROSION STONE	TON	350.00	\$36.00	\$12,600.00	\$45.00	\$15,750.00	(\$3,150.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	7,000.00	\$2.80	\$19,600.00	\$3.25	\$22,750.00	(\$3,150.00)
645.531	SILT FENCE	LF	7,500.00	\$4.00	\$30,000.00	\$4.00	\$30,000.00	\$0.00
645.611	BONDED FIBER MATRIX (BFM)	LB	4,400.00	\$2.20	\$9,680.00	\$2.00	\$8,800.00	\$880.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	(\$2,000.00)
645.71	WATER QUALITY MONITORING, INSPECTION AND REPORTING	HR	310.00	\$75.00	\$23,250.00	\$150.00	\$46,500.00	(\$23,250.00)
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	\$4,800.00	\$4,800.00	\$3,000.00	\$3,000.00	\$1,800.00
645.75	COLD WEATHER STABILIZATION PLAN	U	1.00	\$1,400.00	\$1,400.00	\$1,100.00	\$1,100.00	\$300.00
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	3.00	\$4,650.00	\$13,950.00	\$8,000.00	\$24,000.00	(\$10,050.00)
647.1	HUMUS	CY	2,800.00	\$39.00	\$109,200.00	\$40.00	\$112,000.00	(\$2,800.00)



PS&E Comparison

PORTSMOUTH
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X-A005(230)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
660.61	DOOR FOR SOUND ABATEMENT WALL	U	3.00	\$20,000.00	\$60,000.00	\$20,000.00	\$60,000.00	\$0.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$11,700.00	\$46,800.00	\$6,500.00	\$26,000.00	\$20,800.00
670.1619	DISCHARGE PERMIT FOR CONTAMINATED WATER	U	1.00	\$3,500.00	\$3,500.00	\$8,000.00	\$8,000.00	(\$4,500.00)
692.	MOBILIZATION	U	1.00	\$1,250,000.00	\$1,250,000.00	\$912,200.00	\$912,200.00	\$337,800.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$4,800.00	\$4,800.00	\$3,000.00	\$3,000.00	\$1,800.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$8,300.00	\$8,300.00	\$4,500.00	\$4,500.00	\$3,800.00
698.12	FIELD OFFICE TYPE B	MON	26.00	\$1,000.00	\$26,000.00	\$3,500.00	\$91,000.00	(\$65,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	175,000.00	\$1.00	\$175,000.00	\$1.00	\$175,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
Total:					\$18,771,486.75		\$14,386,927.50	\$4,384,559.25

April 6, 2024

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project proposes to construct two new sound abatement walls and a privacy fence along I-95 in Portsmouth. The location for the northern sound abatement wall on the NB side of I-95 is from MM 14.6 to MM 15.33, just south of Exit 7 to just north of the Spaulding Turnpike underpass. The northern wall crosses over Bridge No. 206/122 (I-95 SB over Woodbury Avenue) and 206/121 (I-95 NB/SB over Maplewood Avenue). The southern wall on the NB side of I-95 is from MM 13.1 to MM 13.6, just north of the Spaulding SB on ramp to Exit 3 SB off ramp (Panaway Manor). The privacy fence is on NB on I-95 from MM 14.8 to MM 15, just north of Woodbury Avenue (New Franklin School).

FEDERAL FUNDING: 80% Federal and 20% Turnpike Toll Credit Match

CONTINGENCY: 5% contingency of the approved contract amount is requested due to unforeseen issues during the construction operation.

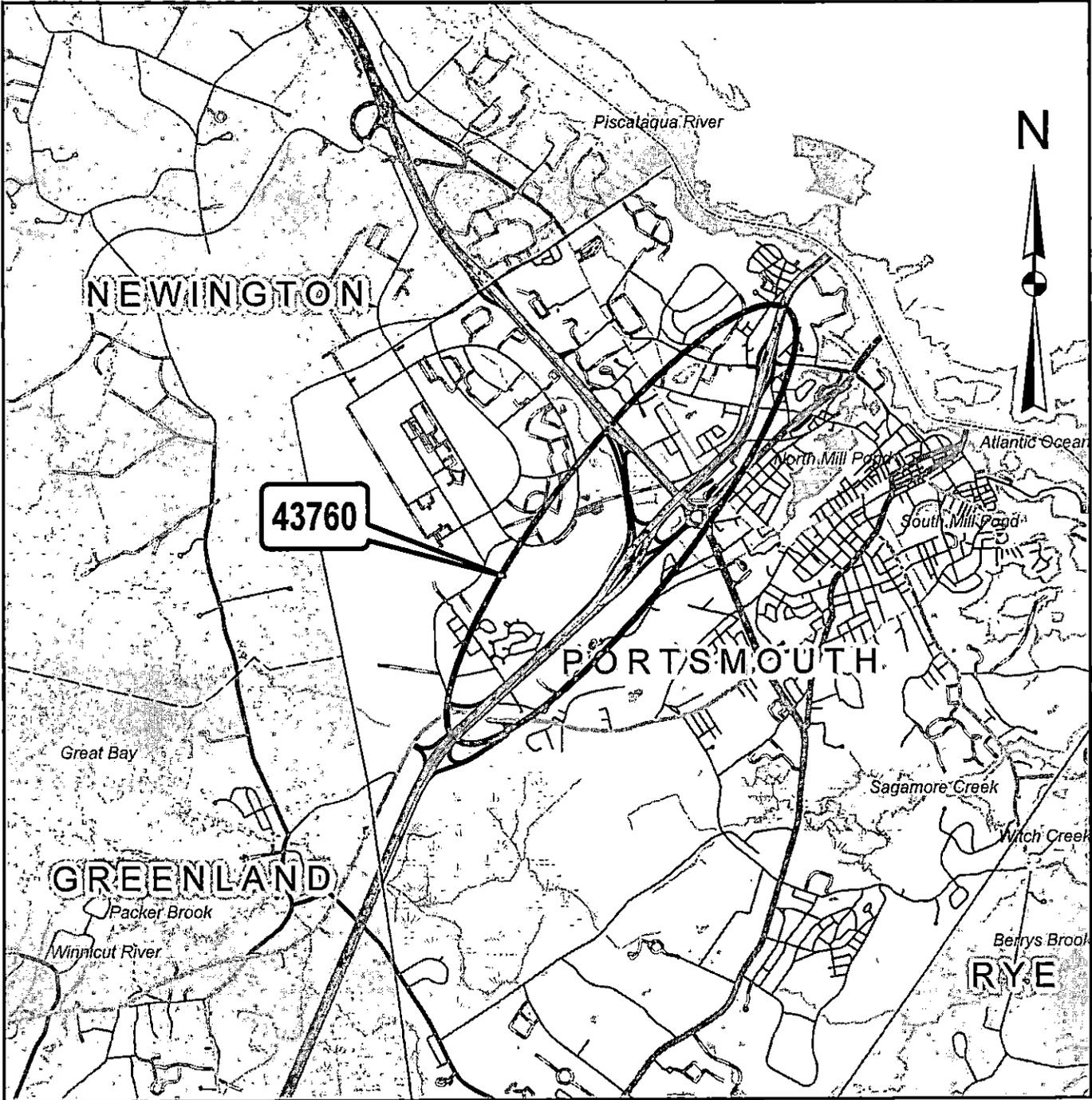
PROJECT INITIATED: Bureau of Turnpikes

PROJECT EXPLANATION: The purpose of this project is to construct new sound abatement walls and a privacy fence. The need for the sound abatement walls was identified under the I-95 High Level Bridge Part-Time Shoulder Use System (Portsmouth 16189B) Highway Noise Technical Report. A sound abatement wall was not needed along the New Franklin School frontage, but a privacy fence will be constructed per discussion with the City of Portsmouth. The two bridges the sound abatement walls cross over will be retrofitted to accommodate the walls.

TRAFFIC IMPLICATION: The associated traffic impacts are minimal. The south sound abatement wall will be constructed outside of the existing pavement and will not have any traffic impacts. The north sound abatement wall will utilize the part time shoulder use lane for construction access, therefore construction will need to take place when that lane is not being utilized.

COMPLETION DATE: October 3, 2025

PORTSMOUTH - INTERSTATE 95



LEGEND

- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

New Hampshire
DOT
 Department of Transportation

State #: 43760
 Federal #: N/A
LOCATION MAP



State of New Hampshire

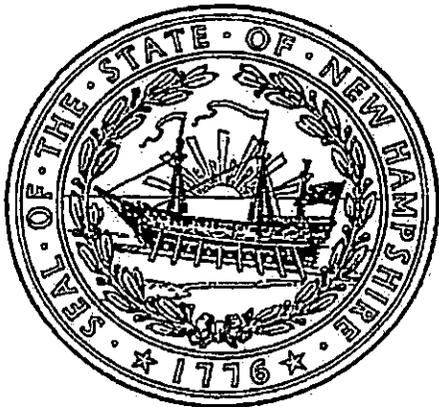
Department of State

CERTIFICATE

I, David M. Scanlan, Secretary of State of the State of New Hampshire, do hereby certify that NORTHEAST EARTH MECHANICS, LLC is a New Hampshire Limited Liability Company registered to transact business in New Hampshire on November 09, 1988. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 136326

Certificate Number: 0006660903



IN TESTIMONY WHEREOF.

I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 6th day of April A.D. 2024.

A handwritten signature in black ink, appearing to read "David M. Scanlan".

David M. Scanlan
Secretary of State

CERTIFICATE OF AUTHORITY

I, Crystal L. Marston, hereby certify that I am a Member or
Manager of NorthEast Earth Mechanics, LLC a limited liability company under
(Name of LLC)
RSA 304-C.

VOTED: That James N. Locke II, Manager is duly authorized to enter
(Name and Title)
into contracts or agreements on behalf of NorthEast Earth Mechanics, LLC with
(Name of LLC)
the State of New Hampshire and any of its agencies or departments; and further, is authorized to
execute any documents which may, in his judgment, be desirable or necessary to effect the
purpose of this vote.

I further certify that it is understood that the State of New Hampshire will rely on this
certificate as evidence that the person listed above currently occupies the position indicated and
that they have full authority to bind the LLC and that this authorization **shall remain valid for
thirty (30) days** from the date of this Corporate Resolution.

DATED: June 11, 2024

ATTEST: 
(Name and Title) **MANAGER**

