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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

43

William Cass, P.E.
Commissioner

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
April 8, 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 $1,042,166.50 for culvert replacement on Route 121 in Auburn, 600 feet west of Bunker Hill Road (Project: Auburn #44167), from the date of Governor and Council approval through November 22, 2024, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2024 and 2025 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	FY 2024	FY 2025
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	$455,947.84	$586,218.66

2. Further authorize that a contingency in the amount of $104,216.65 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Funding is available as follows:	FY 2025
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	$104,216.65

EXPLANATION

This project is part of the State's Ten-Year Transportation Improvement Plan, under the Culvert Replacement/Rehabilitation and Drainage Repair Program (CRDR). The culvert replacement project is located in the Town of Auburn on NH 121 approximately 600' north of Bunker Hill Road adjacent to Massabesic Lake. The proposed replacement structure is a 9' span by 6.5' high by 45' long precast concrete box culvert embedded 24" below streambed. The outlet of the proposed structure will be in the same location and the inlet will be installed 4' upstream of existing header. The proposed structure will have 8' long concrete headwalls angled at 45 degrees relative to the culvert. Incidental work includes resetting the guardrails, pavement replacement, and matching the existing stream channel to the new culvert.

The culvert was originally constructed as a stone box culvert circa 1910s, and subsequently replaced with a 5' diameter 41' long CMP culvert. The culvert is in poor condition due to structural deterioration which has caused numerous voids to form on the walls. As a result, severe sinkholes have formed on the shoulder and have

repeatedly been filled by the District. The proposed replacement structure is a 9' span by 6.5' high by 45' long precast concrete box culvert embedded 24" below streambed.

The proposed contingency amount is 10% of the contract amount. This is to account for the risks associated with unanticipated traffic control needs, and potential risk of over-runs in minor items such as limited re-use soils, pavement restoration, and erosion control.

Although the bid costs exceeded the Department's estimate by 23.81% the sole bid of received is felt to be reasonable for the work involved. The items that contributed to the higher-than-expected bid were, Item 529.001 Precast Box Culvert $166,025, and Item 503.101 Water Diversion Structure $55,000. 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 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 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 (Culvert Replacement/Rehabilitation and Drainage Repair (CRDR)) 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:	$ 841,767.50
Contract Amount:	$1,042,166.50
Over Estimate:	$ 200,399.00

Attachments

New Hampshire DOT
Department of Transportation

ABC Bid Data

AUBURN
44167
X-A005(339)

PROJECT:	AUBURN	**Awarded To:**	NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263		
STATE PROJECT NUMBER:	44167				
FED. PROJECT NUMBER:	X-A005(339)				
DATE BIDS OPEN:	March 28, 2024, 2:00				
SCOPE OF WORK:	Replacement of 60" cmp under Route 121, located 600 ft west of Bunker Hill rd. in Auburn.	**Amount:**	$1,042,166.50	**Certified by:**	WILLIAM.J.OLDENBURG Director of Project Development
COMPLETION DATE:	November 22, 2024	**Award Date:**			
LOCATION:	District 5, Rockingham				

Summary of Bidders

Contractor	Bid Amount	Rank
NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD, PITTSFIELD NH 03263	$1,042,166.50	A

ABC Bid Data

AUBURN
44167
X-A005(339)

Item No.	Description	Unit	Quantity	P&E Unit Price	P&E Total	NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263 Unit Price	Total	Unit Price	Total
Items									
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	5.00	$35.00	$175.00	$50.00	$250.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	$45.00	$1,350.00	$50.00	$1,500.00		
202.42	REMOVAL OF EXISTING PIPE OVER 24" DIAMETER	LF	41.00	$60.00	$2,460.00	$100.00	$4,100.00		
202.7	REMOVAL OF GUARDRAIL	LF	262.50	$6.00	$1,575.00	$19.00	$4,987.50		
203.1	COMMON EXCAVATION	CY	130.00	$50.00	$6,500.00	$25.00	$3,250.00		
203.11	COMMON EXCAVATION - LRS	CY	50.00	$35.00	$1,750.00	$35.00	$1,750.00		
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	$1,300.00	$2,600.00	$1,600.00	$3,200.00		
203.553	PORTABLE TRAFFIC SIGNAL PLATFORM	U	3.00	$1,300.00	$3,900.00	$1,600.00	$4,800.00		
214.	FINE GRADING	U	1.00	$2,500.00	$2,500.00	$2,000.00	$2,000.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	20.00	$95.00	$1,900.00	$90.00	$1,800.00		
304.35	CRUSHED GRAVEL FOR DRIVES	CY	5.00	$65.00	$325.00	$85.00	$425.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	55.00	$60.00	$3,300.00	$85.00	$4,675.00		
403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	50.00	$260.00	$13,000.00	$250.00	$12,500.00		
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	45.00	$200.00	$9,000.00	$250.00	$11,250.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	140.00	$10.00	$1,400.00	$15.00	$2,100.00		
403.19	HBP-TEMPORARY	TON	60.00	$160.00	$9,600.00	$250.00	$15,000.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	35.00	$25.00	$875.00	$15.00	$525.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	120.00	$50.00	$6,000.00	$30.00	$3,600.00		
503.101	WATER DIVERSION STRUCTURE	U	1.00	$100,000.00	$100,000.00	$155,000.00	$155,000.00		
503.201	COFFERDAMS	U	1.00	$70,000.00	$70,000.00	$75,000.00	$75,000.00		
529.001	PRECAST CONCRETE BOX CULVERT	U	1.00	$198,975.00	$198,975.00	$365,000.00	$365,000.00		
585.3401	SIMULATED STREAMBED MATERIAL	CY	40.00	$100.00	$4,000.00	$75.00	$3,000.00		
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	25.00	$20.00	$500.00	$25.00	$625.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	5.00	$130.00	$650.00	$190.00	$950.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

AUBURN
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Item No.	Description	Unit	Quantity	PS&E Unit Price	PS&E Total	NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263 Unit Price	Total	Unit Price	Total
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	5.00	$50.00	$250.00	$63.00	$315.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	330.00	$45.00	$14,850.00	$41.00	$13,530.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	262.50	$25.00	$6,562.50	$22.00	$5,775.00		
606.91255	RESETTING TERMINAL UNIT (TYPE TL 2 EAGRT) (STEEL POST)	U	4.00	$1,450.00	$5,800.00	$3,350.00	$13,400.00		
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	4.00	$3,300.00	$13,200.00	$2,600.00	$10,400.00		
618.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	$45,000.00	$45,000.00	$37,000.00	$37,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	16,800.00	$1.00	$16,800.00	$1.00	$16,800.00		
618.7	FLAGGERS	HR	600.00	$45.00	$27,000.00	$51.00	$30,600.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$50,000.00	$50,000.00	$15,000.00	$15,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	$3,000.00	$6,000.00	$4,200.00	$8,400.00		
622.1	STEEL WITNESS MARKERS	EA	2.00	$60.00	$120.00	$100.00	$200.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	150.00	$10.00	$1,500.00	$4.50	$675.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,000.00	$1.25	$2,500.00	$1.00	$2,000.00		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	30.00	$10.00	$300.00	$10.00	$300.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	500.00	$4.00	$2,000.00	$1.00	$500.00		
645.0001	TURBIDITY BARRIER	LF	50.00	$55.00	$2,750.00	$60.00	$3,000.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	1,000.00	$4.00	$4,000.00	$3.33	$3,330.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	$6.00	$3,000.00	$7.00	$3,500.00		
645.531	SILT FENCE	LF	500.00	$4.00	$2,000.00	$7.00	$3,500.00		
645.71	WATER QUALITY MONITORING, INSPECTION AND REPORTING	HR	84.00	$100.00	$8,400.00	$106.00	$8,904.00		
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	$3,600.00	$3,600.00	$3,800.00	$3,800.00		
645.73	STREAM DIVERSION PLAN	U	1.00	$4,000.00	$4,000.00	$9,500.00	$9,500.00		
645.74	EROSION CONTROL PLAN	U	1.00	$4,000.00	$4,000.00	$6,300.00	$6,300.00		
645.75	COLD WEATHER STABILIZATION PLAN	U	1.00	$4,000.00	$4,000.00	$1,300.00	$1,300.00		
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,250.00	$8.00	$10,000.00	$4.00	$5,000.00		
647.1	HUMUS	CY	50.00	$45.00	$2,250.00	$32.00	$1,600.00		

ABC Bid Data

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X-A005(339)

Item No.	Description	Unit	Quantity	PS&E Unit Price	PS&E Total	NORTHEAST EARTH MECHANICS LLC 159 BARNSTEAD ROAD PITTSFIELD, NH 03263 Unit Price	NORTHEAST EARTH MECHANICS LLC Total	Unit Price	Total
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	$20,000.00	$20,000.00	$16,000.00	$16,000.00		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	$250.00	$250.00	$350.00	$350.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	$5,000.00	$10,000.00	$2,900.00	$5,800.00		
692.	MOBILIZATION	U	1.00	$90,000.00	$90,000.00	$100,000.00	$100,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	$2,300.00	$2,300.00	$3,200.00	$3,200.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	$3,500.00	$3,500.00	$4,400.00	$4,400.00		
698.13	FIELD OFFICE TYPE C	MON	6.00	$2,500.00	$15,000.00	$2,000.00	$12,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	3,500.00	$1.00	$3,500.00	$1.00	$3,500.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	$	5,000.00	$1.00	$5,000.00	$1.00	$5,000.00		
1010.15	FUEL ADJUSTMENT	$	10,000.00	$1.00	$10,000.00	$1.00	$10,000.00		
			Totals:		$841,767.50		$1,042,166.50		
			Alt. Totals:						
			Totals:		$841,767.50		$1,042,166.50		

PS&E Comparison

AUBURN
44167
X-A005(339)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	5.00	$50.00	$250.00	$35.00	$175.00	$75.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	$50.00	$1,500.00	$45.00	$1,350.00	$150.00
202.42	REMOVAL OF EXISTING PIPE OVER 24" DIAMETER	LF	41.00	$100.00	$4,100.00	$60.00	$2,460.00	$1,640.00
202.7	REMOVAL OF GUARDRAIL	LF	262.50	$19.00	$4,987.50	$6.00	$1,575.00	$3,412.50
203.1	COMMON EXCAVATION	CY	130.00	$25.00	$3,250.00	$50.00	$6,500.00	($3,250.00)
203.11	COMMON EXCAVATION - LRS	CY	50.00	$35.00	$1,750.00	$35.00	$1,750.00	$0.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	$1,600.00	$3,200.00	$1,300.00	$2,600.00	$600.00
203.553	PORTABLE TRAFFIC SIGNAL PLATFORM	U	3.00	$1,600.00	$4,800.00	$1,300.00	$3,900.00	$900.00
214.	FINE GRADING	U	1.00	$2,000.00	$2,000.00	$2,500.00	$2,500.00	($500.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	20.00	$90.00	$1,800.00	$95.00	$1,900.00	($100.00)
304.35	CRUSHED GRAVEL FOR DRIVES	CY	5.00	$85.00	$425.00	$65.00	$325.00	$100.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	55.00	$85.00	$4,675.00	$60.00	$3,300.00	$1,375.00
403.11023	HBP-3/4" BINDER MIX, MACHINE METHOD	TON	50.00	$250.00	$12,500.00	$260.00	$13,000.00	($500.00)
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	45.00	$250.00	$11,250.00	$200.00	$9,000.00	$2,250.00
403.16	PAVEMENT JOINT ADHESIVE	LF	140.00	$15.00	$2,100.00	$10.00	$1,400.00	$700.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

AUBURN
44167
X-A005(339)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
403.19	HBP-TEMPORARY	TON	60.00	$250.00	$15,000.00	$160.00	$9,600.00	$5,400.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	35.00	$15.00	$525.00	$25.00	$875.00	($350.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	120.00	$30.00	$3,600.00	$50.00	$6,000.00	($2,400.00)
503.101	WATER DIVERSION STRUCTURE	U	1.00	$155,000.00	$155,000.00	$100,000.00	$100,000.00	$55,000.00
503.201	COFFERDAMS	U	1.00	$75,000.00	$75,000.00	$70,000.00	$70,000.00	$5,000.00
529.001	PRECAST CONCRETE BOX CULVERT	U	1.00	$365,000.00	$365,000.00	$198,975.00	$198,975.00	$166,025.00
585.3401	SIMULATED STREAMBED MATERIAL	CY	40.00	$75.00	$3,000.00	$100.00	$4,000.00	($1,000.00)
606.000	STEEL BEAM FOR BEAM GUARDRAIL	LF	25.00	$25.00	$625.00	$20.00	$500.00	$125.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	5.00	$190.00	$950.00	$130.00	$650.00	$300.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	5.00	$63.00	$315.00	$50.00	$250.00	$65.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	330.00	$41.00	$13,530.00	$45.00	$14,850.00	($1,320.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	262.50	$22.00	$5,775.00	$25.00	$6,562.50	($787.50)
606.91255	RESETTING TERMINAL UNIT (TYPE TL 2 EAGRT) (STEEL POST)	U	4.00	$3,350.00	$13,400.00	$1,450.00	$5,800.00	$7,600.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	4.00	$2,600.00	$10,400.00	$3,300.00	$13,200.00	($2,800.00)
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	$37,000.00	$37,000.00	$45,000.00	$45,000.00	($8,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	16,800.00	$1.00	$16,800.00	$1.00	$16,800.00	$0.00

PS&E Comparison

AUBURN
44167
X-A005(339)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
618.7	FLAGGERS	HR	600.00	$51.00	$30,600.00	$45.00	$27,000.00	$3,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$15,000.00	$15,000.00	$50,000.00	$50,000.00	($35,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	$4,200.00	$8,400.00	$3,000.00	$6,000.00	$2,400.00
622.1	STEEL WITNESS MARKERS	EA	2.00	$100.00	$200.00	$60.00	$120.00	$80.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	150.00	$4.50	$675.00	$10.00	$1,500.00	($825.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	2,000.00	$1.00	$2,000.00	$1.25	$2,500.00	($500.00)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	30.00	$10.00	$300.00	$10.00	$300.00	$0.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	500.00	$1.00	$500.00	$4.00	$2,000.00	($1,500.00)
645.0001	TURBIDITY BARRIER	LF	50.00	$60.00	$3,000.00	$55.00	$2,750.00	$250.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	1,000.00	$3.33	$3,330.00	$4.00	$4,000.00	($670.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	500.00	$7.00	$3,500.00	$6.00	$3,000.00	$500.00
645.531	SILT FENCE	LF	500.00	$7.00	$3,500.00	$4.00	$2,000.00	$1,500.00
645.71	WATER QUALITY MONITORING, INSPECTION AND REPORTING	HR	84.00	$106.00	$8,904.00	$100.00	$8,400.00	$504.00
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	$3,800.00	$3,800.00	$3,600.00	$3,600.00	$200.00
645.73	STREAM DIVERSION PLAN	U	1.00	$9,500.00	$9,500.00	$4,000.00	$4,000.00	$5,500.00
645.74	EROSION CONTROL PLAN	U	1.00	$6,300.00	$6,300.00	$4,000.00	$4,000.00	$2,300.00

PS&E Comparison

AUBURN
44167
X-A005(339)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
645.75	COLD WEATHER STABILIZATION PLAN	U	1.00	$1,300.00	$1,300.00	$4,000.00	$4,000.00	($2,700.00)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	1,250.00	$4.00	$5,000.00	$8.00	$10,000.00	($5,000.00)
647.1	HUMUS	CY	50.00	$32.00	$1,600.00	$45.00	$2,250.00	($650.00)
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	$16,000.00	$16,000.00	$20,000.00	$20,000.00	($4,000.00)
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	$350.00	$350.00	$250.00	$250.00	$100.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	$2,900.00	$5,800.00	$5,000.00	$10,000.00	($4,200.00)
692.	MOBILIZATION	U	1.00	$100,000.00	$100,000.00	$90,000.00	$90,000.00	$10,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	$3,200.00	$3,200.00	$2,300.00	$2,300.00	$900.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	$4,400.00	$4,400.00	$3,500.00	$3,500.00	$900.00
698.13	FIELD OFFICE TYPE C	MON	6.00	$2,000.00	$12,000.00	$2,500.00	$15,000.00	($3,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	3,500.00	$1.00	$3,500.00	$1.00	$3,500.00	$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	$	5,000.00	$1.00	$5,000.00	$1.00	$5,000.00	$0.00
1010.15	FUEL ADJUSTMENT	$	10,000.00	$1.00	$10,000.00	$1.00	$10,000.00	$0.00
			Total:		$1,042,166.50		$841,767.50	$200,399.00

AUBURN
X-A005(339)
44167

January 31, 2024

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: The culvert replacement project is located in the Town of Auburn on NH 121 approximately 600' north of Bunker Hill Road adjacent to Massabesic Lake. The proposed replacement structure is a 9' span by 6.5' high by 45' long precast concrete box culvert embedded 24" below streambed. The outlet of the proposed structure will be in the same location and the inlet will be installed 4' upstream of existing header. The proposed structure will have 8' long concrete headwalls angled at 45 degrees relative to the culvert. Incidental work includes resetting the guardrails, pavement replacement, and matching the existing stream channel to the new culvert.

FEDERAL FUNDING: 80% (Culvert Replacement/Rehabilitation and Drainage Repair (CRDR)) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The proposed contingency amount is 10% of the contract amount. This is to account for the risks associated with unanticipated traffic control needs, and potential risk of over-runs in minor Items such as limited re-use soils, pavement restoration, and erosion control.

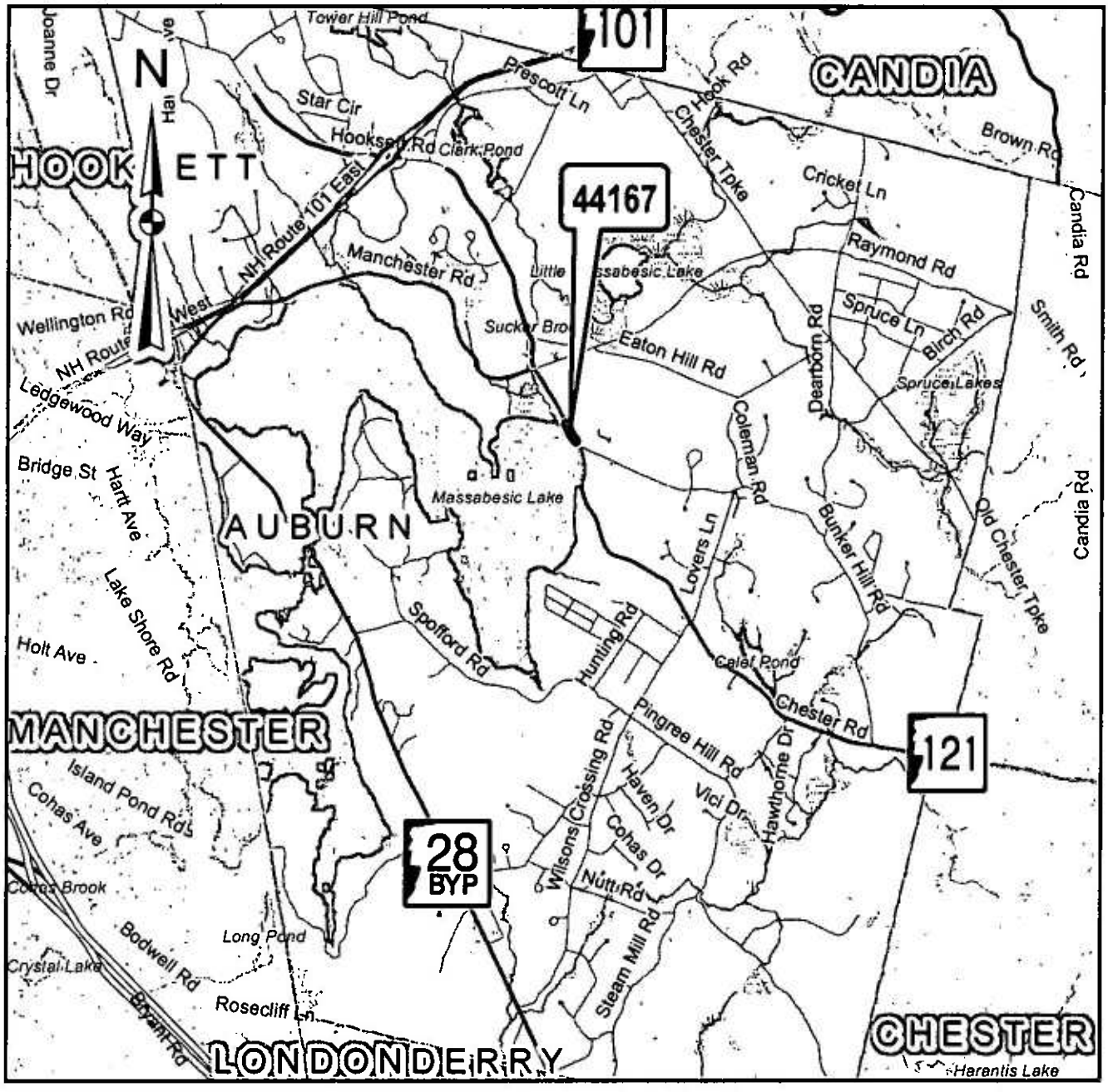
PROJECT INITIATED: State's 10 Year Plan, under the Culvert Replacement/Rehabilitation and Drainage Repair (CRDR) Program.

PROJECT EXPLANATION: The culvert was originally constructed as a stone box culvert circa 1910s and subsequently replaced with a 5' diameter 41' long CMP culvert. The culvert is in poor condition due to structural deterioration which has caused numerous voids to form on the walls. As a result, severe sinkholes have formed on the shoulder and have repeatedly been filled by District. The proposed replacement structure is a 9' span by 6.5' high by 45' long precast concrete box culvert embedded 24" below streambed.

TRAFFIC IMPLICATION: One lane, alternating two-way traffic with concrete barrier and temporary signals will be utilized to construct the box culvert half at a time. Minor temporary widening will be required on the shoulders of NH 121. Traffic will be maintained on paved surface with a 13' minimum clear width. One lane, alternating two-way traffic under flagger control will be required for preparatory work and final paving/cleanup work. No night work is proposed.

FINAL COMPLETION DATE: November 22, 2024

AUBURN - NH 121



Miles

1 ½ 0 1 2

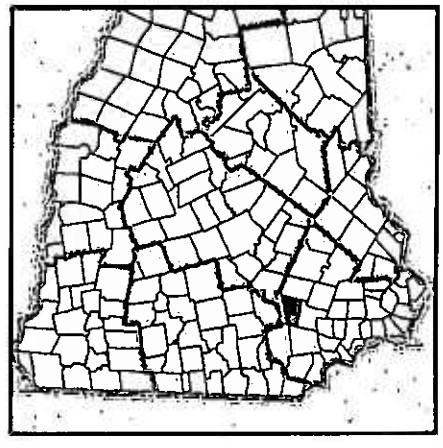
LEGEND

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

New Hampshire DOT
Department of Transportation

State #: 44167
Federal #: X-A005(339)

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.

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 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: April 15, 2024

ATTEST: Crystal L Marston
(Name and Title) MANAGER

NORTEAR-01 KATHY1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 4/22/2024

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 have ADDITIONAL INSURED provisions or 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
The Davis Agency, LLC
24 Warren Street
Concord, NH 03301

CONTACT NAME: Kathleen Pettit
PHONE (A/C, No, Ext): (603) 715-8684 FAX (A/C, No):
E-MAIL ADDRESS: kathy@thedavisagency.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Acadia Insurance Company	31325
INSURER B : Underwriters at Lloyd's, London	
INSURER C : Axis Surplus Insurance Company	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
NorthEast Earth Mechanics, LLC
159 Barnstead Road
Pittsfield, NH 03263

COVERAGES CERTIFICATE NUMBER: 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	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT X LOC OTHER:	X		CPA5198627-19	4/23/2024	4/23/2025	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							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
								$
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY			CAA5198635-19	4/23/2024	4/23/2025	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 0			CUA5198637-19	4/23/2024	4/23/2025	EACH OCCURRENCE	$ 10,000,000
							AGGREGATE	$ 10,000,000
							Prod./Comp. Ops	$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WPA5198638-20	4/23/2024	4/23/2025	X PER STATUTE / 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
B	Prof. Liability			ANE4316797.23	11/4/2023	11/4/2024	Each Claim	3,000,000
C	Pollution Liability			CP005608-01-2024	4/23/2024	4/23/2025	Each Occurrence	5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
**Workers Compensation 3A States: NH, MA, ME.

RE: Auburn - X-A005(339) 44167 - Culvert Repair. It is agreed and understood that the State of New Hampshire, Department of Transportation is included as additional insured on General Liability for ongoing operations when required by written contract.

CERTIFICATE HOLDER

State of New Hampshire, Dept. of Transportation
Office of Federal Compliance
7 Hazen Drive, PO Box 483
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

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NORTEAR-01 KATHY1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 4/12/2024

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

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PRODUCER
The Davis Agency, LLC
24 Warren Street
Concord, NH 03301

CONTACT NAME: Kathleen Pettit
PHONE (A/C, No, Ext): (603) 715-8684 FAX (A/C, No):
E-MAIL ADDRESS: kathy@thedavisagency.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Acadia Insurance Company	31325
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
State of New Hampshire, Dept. of Transportation
7 Hazen Drive
PO Box 483
Concord, NH 03302

COVERAGES CERTIFICATE NUMBER: 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	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 2,000,000
	CLAIMS-MADE [X] OCCUR			OCP5595184-10	4/15/2024	4/15/2025	DAMAGE TO RENTED PREMISES (Ea occurrence)	$
	[X] Owners & Contractors						MED EXP (Any one person)	$
	[X] Protective Liab.						PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 3,000,000
	[ ] POLICY [X] PRO-JECT [ ] LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$
	DED / RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						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)
RE: Auburn X-A005(339) 44167.

CERTIFICATE HOLDER

State of New Hampshire, Dept. of Transportation
7 Hazen Drive
PO Box 483
Concord, NH 03302

CANCELLATION

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AUTHORIZED REPRESENTATIVE

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