0 MAY10'23 AM11:41 RCV

New Hampshire DOT
Department of Transportation

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

51

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 24, 2023

REQUESTED ACTION

Authorize the Department of Transportation to enter into a contract with R.S. Audley, Inc. (Vendor 154222) of Bow, NH, on the basis of a sole bid of $22,579,444 for the widening of a two-lane section of the F.E. Everett Turnpike in Merrimack (Project: Nashua-Merrimack-Bedford #13761E), from the date of Governor and Council approval through September 26, 2025, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2023, and is anticipated to be available in Fiscal Years 2024, 2025 and 2026 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 2023	FY 2024	FY 2025	FY 2026
04-96-96-961017-7507				
RSA 237-2 VII Central NH TNPK				
400-500870 Highway Contract Payments	$2,484,607.47	$9,143,995	$7,000,000	$3,950,841.53

Further authorize that a contingency in the amount of $1,128,972.20 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:	FY 2026
04-96-96-961017-7507	
RSA 237-2 VII Central NH TNPK	
400-500870 Highway Contract Payments	$1,128,972.20

EXPLANATION

This project is part of the State's Ten-Year Transportation Improvement Plan. This roadway widening project is part of the overall F.E. Everett Turnpike (FEET) Widening Project beginning in Nashua and proceeding northerly approximately 12 miles to the I-293 interchange in Bedford. The overall project intends to work on and widen two lane gap segments of the FEET to three lane segments in each direction; the overall project does not reconstruct the entire 12-mile length. **This project (13761E) only includes widening and reconstruction of the F.E.E.T. in the Town of Merrimack between Exit 12 (Bedford Road) and Exit 13 (M.A.A.R.) from MM 15.25 to MM 16.15.**

The project involves overall pavement reconstruction, including step box widening to provide three through lanes on both NB and SB mainlines. Additionally, the proposed work includes upgrading the drainage and median barrier system, overhead sign structure replacements, and construction of a water quality BMP. The project

includes replacement of the existing Dumpling Brook culvert. The project will also construct one noise abatement wall adjacent to the FEET NB mainline near Shelburne Road and Kimberly Drive (Sta. 1183+00 to 1197+50, NB RT.) (1,450 LF).

The proposed contingency amount is 5% of the contract amount. This is to account for the risks with unanticipated traffic control needs associated with the complex roadway network, and construction work extending over multiple construction seasons, blasting related issues, and uncertainties with PFAS/LRS management within the project limits.

Although the bid costs exceeded the Department's estimate by 19.06%, the sole bid received is felt to be reasonable for the work involved. Several items (Mobilization, Maintenance of Traffic) were bid at the higher end of historical averages, likely to hedge against inflation concerns. Limited geotechnical data also likely affected bid prices, including sewer and water items which were late additions by the Town. 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: 0% Federal funds (100% Turnpike Capital).

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 Cass
Commissioner

WC/pcj

Department Estimate:	$18,964,254.75
Contract Amount:	$22,579,444.00
Over Estimate:	$ 3,615,189.25

Attachments

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

PROJECT:	NASHUA-MERRIMACK-BEDFORD	**Awarded To:**	AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		
STATE PROJECT NUMBER:	13761E				
FED. PROJECT NUMBER:	NON-FEDERAL				
DATE BIDS OPEN:	March 23, 2023, 2:00				
SCOPE OF WORK:	FE Everett Turnpike widening in Merrimack of a 2-lane section from Bedford Rd to south of Exit 13.	**Amount:**	$22,579,444.00	**Certified by:**	WILLIAM.J.OLDENBURG Director of Project Development
COMPLETION DATE:	September 26, 2025	**Award Date:**			
LOCATION:	Hillsborough				

Summary of Bidders

Contractor	Bid Amount	Rank
AUDLEY, R. S., INC. 1113 ROUTE 3A, BOW NH 03304-4025	$22,579,444.00	A

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	PSAE Unit Price	PSAE Total	AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-6025 Unit Price	AUDLEY, R. S., INC. Total	Unit Price	Total
Items									
201.1	CLEARING AND GRUBBING (F)	A	11.10	$15,000.00	$166,500.00	$21,991.00	$244,100.10		
201.6	CLEARING FOR FENCE LINES (F)	A	.24	$31,200.00	$7,488.00	$60,000.00	$14,400.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2,900.00	$2.70	$7,830.00	$4.00	$11,600.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	830.00	$4.70	$3,901.00	$4.00	$3,320.00		
202.31	FILL ABANDONED PIPE	CY	168.00	$300.00	$50,400.00	$325.00	$54,600.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,130.00	$25.00	$28,250.00	$26.50	$29,945.00		
202.417	REMOVAL OF EXISTING PIPE 0-24" DIAMETER FROM CASING	LF	150.00	$75.00	$11,250.00	$125.00	$18,750.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	21.00	$450.00	$9,450.00	$550.00	$11,550.00		
202.7	REMOVAL OF GUARDRAIL	LF	7,200.00	$3.50	$25,200.00	$2.25	$16,200.00		
202.74	REMOVAL OF CONCRETE BARRIER	LF	1,200.00	$23.50	$28,200.00	$7.00	$8,400.00		
203.112	COMMON EXCAVATION - LRS/PFAS	CY	25,700.00	$14.25	$366,225.00	$12.50	$321,250.00		
203.12	COMMON EXCAVATION - PFAS	CY	52,400.00	$13.50	$707,400.00	$12.50	$655,000.00		
203.2	ROCK EXCAVATION	CY	9,800.00	$35.00	$343,000.00	$45.00	$441,000.00		
203.53	LOW PERMEABILITY FILL (F)	CY	933.00	$34.25	$31,955.25	$60.00	$55,980.00		
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	4.00	$1,000.00	$4,000.00	$1,200.00	$4,800.00		
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	1.00	$500.00	$500.00	$1,200.00	$1,200.00		
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	7.00	$500.00	$3,500.00	$1,200.00	$8,400.00		
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	$500.00	$500.00	$1,200.00	$1,200.00		
203.5561	EAGRT PLATFORM PREFERRED	U	7.00	$1,100.00	$7,700.00	$1,150.00	$8,050.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	48,524.00	$10.00	$485,240.00	$15.50	$752,122.00		
203.601	EMBANKMENT-IN-PLACE	CY	22,900.00	$10.00	$229,000.00	$15.50	$354,950.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	1,500.00	$28.00	$42,000.00	$23.00	$34,500.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	260.00	$80.00	$20,800.00	$100.00	$26,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	1,500.00	$103.00	$154,500.00	$110.00	$165,000.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	50.00	$250.00	$12,500.00	$1,500.00	$75,000.00		
209.1	GRANULAR BACKFILL	CY	690.00	$36.00	$24,840.00	$40.00	$27,600.00		
214.	FINE GRADING	U	1.00	$190,000.00	$190,000.00	$220,000.00	$220,000.00		
304.1	SAND (F)	CY	12,221.00	$30.00	$366,630.00	$31.00	$378,851.00		
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	4,700.00	$45.00	$211,500.00	$48.00	$225,600.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	240.00	$32.00	$7,680.00	$39.00	$9,360.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	10,813.00	$35.00	$378,455.00	$37.00	$400,081.00		
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	12,117.00	$33.00	$399,861.00	$37.00	$448,329.00		
403.11021	HBP-3/4" BINDER MIX, MACHINE METHOD, QC/QA TIER 1	TON	17,900.00	$88.00	$1,575,200.00	$88.00	$1,575,200.00		
403.11941	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 1	TON	8,200.00	$92.00	$754,400.00	$102.00	$836,400.00		
403.12	HBP-HAND METHOD	TON	150.00	$150.00	$22,500.00	$150.00	$22,500.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	123,800.00	$0.25	$30,950.00	$0.31	$38,378.00		
403.18	HBP-LEVELING COURSE	TON	300.00	$105.00	$31,500.00	$92.40	$27,720.00		
403.19	HBP-TEMPORARY	TON	9,000.00	$95.00	$855,000.00	$95.00	$855,000.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	26,100.00	$2.15	$56,115.00	$2.75	$71,775.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7,000.00	$4.80	$33,600.00	$5.00	$35,000.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	17,600.00	$2.15	$37,840.00	$2.75	$48,400.00		
503.1	WATER DIVERSION STRUCTURES	U	1.00	$5,000.00	$5,000.00	$25,000.00	$25,000.00		
503.201	COFFERDAMS	U	1.00	$90,000.00	$90,000.00	$125,000.00	$125,000.00		
503.202	COFFERDAMS	U	1.00	$65,000.00	$65,000.00	$1,500.00	$1,500.00		
503.203	COFFERDAMS	U	1.00	$65,000.00	$65,000.00	$1,500.00	$1,500.00		
508.	STRUCTURAL FILL	CY	51.00	$44.00	$2,244.00	$50.00	$2,550.00		
509.1	MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	$52,000.00	$52,000.00	$10,000.00	$10,000.00		
509.2	DRILLED SHAFTS	LF	950.00	$365.00	$346,750.00	$390.00	$370,500.00		
509.3	OBSTRUCTION REMOVAL	LF	10.00	$150.00	$1,500.00	$6,000.00	$60,000.00		
520.1	CONCRETE CLASS A	CY	13.00	$1,200.00	$15,600.00	$2,500.00	$32,500.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				PSAE		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-6025			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
520.2	CONCRETE CLASS B	CY	130.00	$600.00	$78,000.00	$825.00	$107,250.00		
529.6	PRECAST CONCRETE PANEL SOUND ABATEMENT WALL	SF	25,153.00	$45.00	$1,131,885.00	$58.00	$1,458,874.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	19,700.00	$2.00	$39,400.00	$2.00	$39,400.00		
585.2	STONE FILL, CLASS B	CY	1,200.00	$50.00	$60,000.00	$65.00	$78,000.00		
585.3	STONE FILL, CLASS C	CY	1,100.00	$44.25	$48,675.00	$50.00	$55,000.00		
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	1,800.00	$4.80	$8,640.00	$5.00	$9,000.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	3,200.00	$4.80	$15,360.00	$5.00	$16,000.00		
603.0001	VIDEO INSPECTION	LF	11,100.00	$2.30	$25,530.00	$1.65	$18,315.00		
603.00212	12" R.C. PIPE, 2000D	LF	96.00	$80.00	$7,680.00	$100.00	$9,600.00		
603.00215	15" R.C. PIPE, 2000D	LF	40.00	$85.00	$3,400.00	$105.00	$4,200.00		
603.00218	18" R.C. PIPE, 2000D	LF	2,500.00	$90.00	$225,000.00	$105.00	$262,500.00		
603.00224	24" R.C. PIPE, 2000D	LF	300.00	$110.00	$33,000.00	$135.00	$40,500.00		
603.00230	30" R.C. PIPE, 2000D	LF	770.00	$160.00	$123,200.00	$200.00	$154,000.00		
603.00236	36" R.C. PIPE, 2000D	LF	130.00	$250.00	$32,500.00	$750.00	$97,500.00		
603.00442	42" R.C. PIPE, 3750D	LF	260.00	$300.00	$78,000.00	$1,000.00	$260,000.00		
603.30112	12" R.C. END SECTIONS	EA	2.00	$900.00	$1,800.00	$735.00	$1,470.00		
603.30124	24" R.C. END SECTIONS	EA	1.00	$1,200.00	$1,200.00	$1,085.00	$1,085.00		
603.30136	36" R.C. END SECTIONS	EA	1.00	$2,000.00	$2,000.00	$1,650.00	$1,650.00		
603.38912	TEMPORARY END SECTION FOR 12" PIPE (CONTRACTORS OPTION)	EA	6.00	$400.00	$2,400.00	$475.00	$2,850.00		
603.38915	TEMPORARY END SECTION FOR 15" PIPE (CONTRACTORS OPTION)	EA	1.00	$450.00	$450.00	$475.00	$475.00		
603.38918	TEMPORARY END SECTION FOR 18" PIPE (CONTRACTORS OPTION)	EA	2.00	$500.00	$1,000.00	$600.00	$1,200.00		
603.38924	TEMPORARY END SECTION FOR 24" PIPE (CONTRACTORS OPTION)	EA	1.00	$550.00	$550.00	$675.00	$675.00		
603.38936	TEMPORARY END SECTION FOR 36" PIPE (CONTRACTORS OPTION)	EA	1.00	$600.00	$600.00	$1,300.00	$1,300.00		
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	79.00	$75.00	$5,925.00	$80.00	$6,320.00		
603.80218	18" PLASTIC PIPE (SMOOTH INTERIOR)	LF	5,400.00	$80.00	$432,000.00	$85.00	$459,000.00		
603.80224	24" PLASTIC PIPE (SMOOTH INTERIOR)	LF	1,300.00	$90.00	$117,000.00	$95.00	$123,500.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
603.80230	30" PLASTIC PIPE (SMOOTH INTERIOR)	LF	260.00	$110.00	$28,600.00	$120.00	$31,200.00		
603.80236	36" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	$120.00	$13,200.00	$150.00	$16,500.00		
603.99012	12" TEMPORARY DRAINAGE PIPE	LF	370.00	$50.00	$18,500.00	$125.00	$46,250.00		
603.99015	15" TEMPORARY DRAINAGE PIPE	LF	55.00	$55.00	$3,025.00	$140.00	$7,700.00		
603.99018	18" TEMPORARY DRAINAGE PIPE	LF	140.00	$65.00	$9,100.00	$140.00	$19,600.00		
603.99024	24" TEMPORARY DRAINAGE PIPE	LF	20.00	$85.00	$1,700.00	$200.00	$4,000.00		
603.99036	36" TEMPORARY DRAINAGE PIPE	LF	46.00	$105.00	$4,830.00	$250.00	$11,500.00		
604.0007	POLYETHYLENE LINER	EA	34.00	$160.00	$5,440.00	$310.00	$10,540.00		
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	21.00	$3,000.00	$63,000.00	$3,300.00	$69,300.00		
604.115	CATCH BASINS TYPE A, 5-FOOT DIAMETER	U	10.00	$4,000.00	$40,000.00	$4,900.00	$49,000.00		
604.116	CATCH BASINS TYPE A, 6-FOOT DIAMETER	U	3.00	$5,000.00	$15,000.00	$6,000.00	$18,000.00		
604.118	CATCH BASINS TYPE A, 8-FOOT DIAMETER	U	5.00	$7,000.00	$35,000.00	$10,500.00	$52,500.00		
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	26.00	$3,000.00	$78,000.00	$3,500.00	$91,000.00		
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	2.00	$5,000.00	$10,000.00	$5,900.00	$11,800.00		
604.245	DROP INLETS TYPE D-E	U	2.00	$2,000.00	$4,000.00	$2,900.00	$5,800.00		
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	$3,000.00	$6,000.00	$3,500.00	$7,000.00		
604.3249	TEMPORARY DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	4.00	$3,000.00	$12,000.00	$4,100.00	$16,400.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	6.00	$750.00	$4,500.00	$595.00	$3,570.00		
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	$7,900.00	$7,900.00	$10,500.00	$10,500.00		
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	12,200.00	$32.00	$390,400.00	$33.00	$402,600.00		
605.79	UNDERDRAIN FLUSHING BASINS	EA	11.00	$580.00	$6,380.00	$484.00	$5,324.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	7.00	$4,500.00	$31,500.00	$3,900.00	$27,300.00		
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MID-SPLICE)	U	6.00	$1,500.00	$9,000.00	$1,575.00	$9,450.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,800.00	$35.00	$133,000.00	$31.50	$119,700.00		
606.4139	SINGLE SLOPE CONCRETE MEDIAN BARRIER (MODIFIED), PRECAST	LF	4,700.00	$150.00	$705,000.00	$185.00	$869,500.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	17,000.00	$32.00	$544,000.00	$40.00	$680,000.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E Unit Price	PS&E Total	AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025 Unit Price	AUDLEY, R. S., INC. Total	Unit Price	Total
606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	200.00	$35.00	$7,000.00	$85.00	$17,000.00		
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	$10,000.00	$10,000.00	$28,000.00	$28,000.00		
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	$3,000.00	$3,000.00	$4,410.00	$4,410.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	40.00	$23.00	$920.00	$8.40	$336.00		
606.93	TEMPORARY BEAM GUARDRAIL	LF	16,750.00	$30.00	$502,500.00	$17.85	$298,987.50		
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-3) (STEEL POSTS)	U	1.00	$3,000.00	$3,000.00	$3,180.00	$3,180.00		
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	1.00	$3,000.00	$3,000.00	$1,315.00	$1,315.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	$5,000.00	$10,000.00	$7,250.00	$14,500.00		
607.140	WOVEN WIRE FENCE, 4'-0" HIGH	LF	2,900.00	$11.00	$31,900.00	$18.50	$53,650.00		
607.350	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 5' HIGH	LF	720.00	$60.00	$43,200.00	$31.00	$22,320.00		
607.4140	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-0" HIGH	EA	10.00	$225.00	$2,250.00	$250.00	$2,500.00		
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	5.00	$245.00	$1,225.00	$255.00	$1,275.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	860.00	$10.00	$8,600.00	$7.35	$6,321.00		
611.05216	16" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	75.00	$220.00	$16,500.00	$325.00	$24,375.00		
611.41515	STEEL CASING PIPE WITH 16" DI-MJ CARRIER PIPE	LF	75.00	$675.00	$50,625.00	$640.00	$48,000.00		
611.48515	REINSTALL 16" DI-MJ CARRIER PIPE IN EXISTING CASING	LF	140.00	$50.00	$7,000.00	$400.00	$56,000.00		
611.70016	16" FITTING	EA	6.00	$2,500.00	$15,000.00	$2,200.00	$13,200.00		
611.72016	16" BUTTERFLY VALVE WITH BOX	EA	1.00	$3,000.00	$3,000.00	$6,800.00	$6,800.00		
611.76002	2" BLOW-OFF VALVE ASSEMBLY	EA	1.00	$4,500.00	$4,500.00	$3,400.00	$3,400.00		
611.77	CHLORINE INJECTION TAP	EA	1.00	$3,000.00	$3,000.00	$1,600.00	$1,600.00		
611.97116	16" MECHANICAL JOINT RESTRAINT	EA	8.00	$200.00	$1,600.00	$625.00	$5,000.00		
611.972	CASING SPACERS	EA	16.00	$300.00	$4,800.00	$500.00	$8,000.00		
612.22254	JACKED STEEL CASING WITH 12" HDPE CARRIER PIPE	U	1.00	$525,000.00	$525,000.00	$700,000.00	$700,000.00		
612.3104	SEWER MANHOLE, 4-FOOT DIAMETER	VF	20.00	$900.00	$18,000.00	$535.00	$10,700.00		
612.3304	MODIFY SEWER MANHOLE, 4' DIA.	EA	2.00	$4,000.00	$8,000.00	$11,400.00	$22,800.00		
612.61512	12" PVC SEWER PIPE (SDR 35)	LF	20.00	$400.00	$8,000.00	$235.00	$4,700.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				PSAE		AUDLEY, R. E., INC. 1113 ROUTE 3A BOW, NH 03304-4025			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	1,300.00	$125.00	$162,500.00	$155.00	$201,500.00		
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	13.00	$535.00	$6,955.00	$6,000.00	$78,000.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	$65.00	$65.00	$525.00	$525.00		
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	3.00	$535.00	$1,605.00	$5,250.00	$15,750.00		
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	48.00	$280.00	$13,440.00	$375.00	$18,000.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	3.00	$45.00	$135.00	$50.00	$150.00		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	48.00	$200.00	$9,600.00	$110.00	$5,280.00		
615.0401	TRAFFIC SIGN TYPE AA	SF	690.00	$19.00	$13,110.00	$33.00	$22,770.00		
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	$155,000.00	$155,000.00	$200,000.00	$200,000.00		
615.10301	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	$15,000.00	$15,000.00	$25,000.00	$25,000.00		
615.10302	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	$15,000.00	$15,000.00	$25,000.00	$25,000.00		
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	$2,500.00	$2,500.00	$2,700.00	$2,700.00		
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	$65,000.00	$65,000.00	$100,000.00	$100,000.00		
615.20301	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	$5,000.00	$5,000.00	$10,000.00	$10,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	283,000.00	$1.00	$283,000.00	$1.00	$283,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$250,000.00	$250,000.00	$650,000.00	$650,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	$3,000.00	$12,000.00	$22,000.00	$88,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	$5,000.00	$20,000.00	$21,000.00	$84,000.00		
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	$1,500.00	$12,000.00	$950.00	$7,600.00		
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	26.00	$1,100.00	$28,600.00	$1,250.00	$32,500.00		
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	35.00	$645.00	$22,575.00	$750.00	$26,250.00		
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	131.00	$865.00	$113,315.00	$550.00	$72,050.00		
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	26.00	$1,200.00	$31,200.00	$850.00	$22,100.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	$11,000.00	$22,000.00	$50,000.00	$100,000.00		
619.91	RELOCATE WORK ZONE ITS DEVICE	U	6.00	$400.00	$2,400.00	$350.00	$2,100.00		
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	50.00	$37.00	$1,850.00	$60.00	$3,000.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	44.00	$8.25	$363.00	$6.85	$301.40		
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	82.00	$100.00	$8,200.00	$84.00	$6,888.00		
622.1	STEEL WITNESS MARKERS	EA	36.00	$50.00	$1,800.00	$42.00	$1,512.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	$5.00	$1,050.00	$10.00	$2,100.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	219,300.00	$0.20	$43,860.00	$0.31	$67,983.00		
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	11,500.00	$0.50	$5,750.00	$0.80	$9,200.00		
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	10,000.00	$2.50	$25,000.00	$9.50	$95,000.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,700.00	$4.00	$10,800.00	$4.20	$11,340.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	81,650.00	$0.75	$61,237.50	$0.52	$42,458.00		
645.119	MULCH WITH TACKIFIERS	A	26.00	$1,300.00	$33,800.00	$1,300.00	$33,800.00		
645.3	EROSION STONE	TON	2,000.00	$33.00	$66,000.00	$30.00	$60,000.00		
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	15,000.00	$3.00	$45,000.00	$2.25	$33,750.00		
645.45	PERMANENT CHANNEL MATTING TYPE A	SY	6,300.00	$9.00	$56,700.00	$6.75	$42,525.00		
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	500.00	$20.00	$10,000.00	$29.00	$14,500.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,600.00	$7.25	$26,100.00	$4.00	$14,400.00		
645.531	SILT FENCE	LF	18,000.00	$3.50	$63,000.00	$3.00	$54,000.00		
645.611	BONDED FIBER MATRIX (BFM)	LB	70,000.00	$1.75	$122,500.00	$1.75	$122,500.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	$10,000.00	$10,000.00	$21,000.00	$21,000.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	840.00	$100.00	$84,000.00	$95.00	$79,800.00		
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	$5,000.00	$5,000.00	$5,250.00	$5,250.00		
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	19.00	$2,300.00	$43,700.00	$1,525.00	$28,975.00		
647.1	HUMUS	CY	8,900.00	$25.00	$222,500.00	$34.00	$302,600.00		
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	1.00	$800.00	$800.00	$683.00	$683.00		
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	$350,000.00	$350,000.00	$164,600.00	$164,600.00		
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	$400,000.00	$400,000.00	$185,000.00	$185,000.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	$4,000.00	$8,000.00	$20,000.00	$40,000.00		

New Hampshire DOT
Department of Transportation

ABC Bid Data

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E Unit Price	PS&E Total	AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025 Unit Price	AUDLEY, R. S., INC. Total	Unit Price	Total
670.1619	DISCHARGE PERMIT FOR CONTAMINATED WATER	U	1.00	$11,250.00	$11,250.00	$7,875.00	$7,875.00		
670.313	PIPE CLEAN OUT AND DEBRIS REMOVAL	U	1.00	$10,000.00	$10,000.00	$20,000.00	$20,000.00		
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	$35,000.00	$35,000.00	$48,000.00	$48,000.00		
692.	MOBILIZATION	U	1.00	$1,100,000.00	$1,100,000.00	$2,166,000.00	$2,166,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	$3,850.00	$3,850.00	$4,000.00	$4,000.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	$6,800.00	$6,800.00	$5,500.00	$5,500.00		
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	$7,000.00	$7,000.00	$9,500.00	$9,500.00		
698.11913	FIELD OFFICE EQUIPMENT AND SUPPLIES	MON	30.00	$2,000.00	$60,000.00	$900.00	$27,000.00		
698.2	PHYSICAL TESTING LABORATORY	MON	30.00	$1,300.00	$39,000.00	$1,200.00	$36,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	50,000.00	$1.00	$50,000.00	$1.00	$50,000.00		
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	$	25,000.00	$1.00	$25,000.00	$1.00	$25,000.00		
1010.01	STEEL COST ADJUSTMENT	$	5,000.00	$1.00	$5,000.00	$1.00	$5,000.00		
1010.15	FUEL ADJUSTMENT	$	100,000.00	$1.00	$100,000.00	$1.00	$100,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	$	100,000.00	$1.00	$100,000.00	$1.00	$100,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	$	130,000.00	$1.00	$130,000.00	$1.00	$130,000.00		
			Totals:		$18,964,254.75		$22,579,444.00		
			Alt. Totals:						
			Totals:		$18,964,254.75		$22,579,444.00		

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
201.1	CLEARING AND GRUBBING (F)	A	11.10	$21,991.00	$244,100.10	$15,000.00	$166,500.00	$77,600.10
201.6	CLEARING FOR FENCE LINES (F)	A	.24	$60,000.00	$14,400.00	$31,200.00	$7,488.00	$6,912.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	2,900.00	$4.00	$11,600.00	$2.70	$7,830.00	$3,770.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	830.00	$4.00	$3,320.00	$4.70	$3,901.00	($581.00)
202.31	FILL ABANDONED PIPE	CY	168.00	$325.00	$54,600.00	$300.00	$50,400.00	$4,200.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	1,130.00	$26.50	$29,945.00	$25.00	$28,250.00	$1,695.00
202.417	REMOVAL OF EXISTING PIPE 0-24" DIAMETER FROM CASING	LF	150.00	$125.00	$18,750.00	$75.00	$11,250.00	$7,500.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	21.00	$550.00	$11,550.00	$450.00	$9,450.00	$2,100.00
202.7	REMOVAL OF GUARDRAIL	LF	7,200.00	$2.25	$16,200.00	$3.50	$25,200.00	($9,000.00)
202.74	REMOVAL OF CONCRETE BARRIER	LF	1,200.00	$7.00	$8,400.00	$23.50	$28,200.00	($19,800.00)
203.112	COMMON EXCAVATION - LRS/PFAS	CY	25,700.00	$12.50	$321,250.00	$14.25	$366,225.00	($44,975.00)
203.12	COMMON EXCAVATION - PFAS	CY	52,400.00	$12.50	$655,000.00	$13.50	$707,400.00	($52,400.00)
203.2	ROCK EXCAVATION	CY	9,800.00	$45.00	$441,000.00	$35.00	$343,000.00	$98,000.00
203.53	LOW PERMEABILITY FILL (F)	CY	933.00	$60.00	$55,980.00	$34.25	$31,955.25	$24,024.75

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	4.00	$1,200.00	$4,800.00	$1,000.00	$4,000.00	$800.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	1.00	$1,200.00	$1,200.00	$500.00	$500.00	$700.00
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	7.00	$1,200.00	$8,400.00	$500.00	$3,500.00	$4,900.00
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	1.00	$1,200.00	$1,200.00	$500.00	$500.00	$700.00
203.5561	EAGRT PLATFORM PREFERRED	U	7.00	$1,150.00	$8,050.00	$1,100.00	$7,700.00	$350.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	48,524.00	$15.50	$752,122.00	$10.00	$485,240.00	$266,882.00
203.601	EMBANKMENT-IN-PLACE	CY	22,900.00	$15.50	$354,950.00	$10.00	$229,000.00	$125,950.00
206.1	COMMON STRUCTURE EXCAVATION	CY	1,500.00	$23.00	$34,500.00	$28.00	$42,000.00	($7,500.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	260.00	$100.00	$26,000.00	$80.00	$20,800.00	$5,200.00
206.2	ROCK STRUCTURE EXCAVATION	CY	1,500.00	$110.00	$165,000.00	$103.00	$154,500.00	$10,500.00
206.41	OBSTRUCTION REMOVAL FOR PIPE JACKING	LF	50.00	$1,500.00	$75,000.00	$250.00	$12,500.00	$62,500.00
209.1	GRANULAR BACKFILL	CY	690.00	$40.00	$27,600.00	$36.00	$24,840.00	$2,760.00
214.	FINE GRADING	U	1.00	$220,000.00	$220,000.00	$190,000.00	$190,000.00	$30,000.00
304.1	SAND (F)	CY	12,221.00	$31.00	$378,851.00	$30.00	$366,630.00	$12,221.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	4,700.00	$48.00	$225,600.00	$45.00	$211,500.00	$14,100.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	240.00	$39.00	$9,360.00	$32.00	$7,680.00	$1,680.00

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	10,813.00	$37.00	$400,081.00	$35.00	$378,455.00	$21,626.00
304.5	CRUSHED STONE (COARSE GRADATION) (F)	CY	12,117.00	$37.00	$448,329.00	$33.00	$399,861.00	$48,468.00
403.11021	HBP-3/4" BINDER MIX, MACHINE METHOD, QC/QA TIER 1	TON	17,900.00	$88.00	$1,575,200.00	$88.00	$1,575,200.00	$0.00
403.11941	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 1	TON	8,200.00	$102.00	$836,400.00	$92.00	$754,400.00	$82,000.00
403.12	HBP-HAND METHOD	TON	150.00	$150.00	$22,500.00	$150.00	$22,500.00	$0.00
403.16	PAVEMENT JOINT ADHESIVE	LF.	123,800.00	$0.31	$38,378.00	$0.25	$30,950.00	$7,428.00
403.18	HBP-LEVELING COURSE	TON	300.00	$92.40	$27,720.00	$105.00	$31,500.00	($3,780.00)
403.19	HBP-TEMPORARY	TON	9,000.00	$95.00	$855,000.00	$95.00	$855,000.00	$0.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	26,100.00	$2.75	$71,775.00	$2.15	$56,115.00	$15,660.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	7,000.00	$5.00	$35,000.00	$4.80	$33,600.00	$1,400.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	17,600.00	$2.75	$48,400.00	$2.15	$37,840.00	$10,560.00
503.1	WATER DIVERSION STRUCTURES	U	1.00	$25,000.00	$25,000.00	$5,000.00	$5,000.00	$20,000.00
503.201	COFFERDAMS	U	1.00	$125,000.00	$125,000.00	$90,000.00	$90,000.00	$35,000.00
503.202	COFFERDAMS	U	1.00	$1,500.00	$1,500.00	$65,000.00	$65,000.00	($63,500.00)
503.203	COFFERDAMS	U	1.00	$1,500.00	$1,500.00	$65,000.00	$65,000.00	($63,500.00)
508.	STRUCTURAL FILL	CY	51.00	$50.00	$2,550.00	$44.00	$2,244.00	$306.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
509.1	MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT	U	1.00	$10,000.00	$10,000.00	$52,000.00	$52,000.00	($42,000.00)
509.2	DRILLED SHAFTS	LF	950.00	$390.00	$370,500.00	$365.00	$346,750.00	$23,750.00
509.3	OBSTRUCTION REMOVAL	LF	10.00	$6,000.00	$60,000.00	$150.00	$1,500.00	$58,500.00
520.1	CONCRETE CLASS A	CY	13.00	$2,500.00	$32,500.00	$1,200.00	$15,600.00	$16,900.00
520.2	CONCRETE CLASS B	CY	130.00	$825.00	$107,250.00	$600.00	$78,000.00	$29,250.00
529.6	PRECAST CONCRETE PANEL SOUND ABATEMENT WALL	SF	25,153.00	$58.00	$1,458,874.00	$45.00	$1,131,885.00	$326,989.00
544.1	REINFORCING STEEL (ROADWAY)	LB	19,700.00	$2.00	$39,400.00	$2.00	$39,400.00	$0.00
585.2	STONE FILL, CLASS B	CY	1,200.00	$65.00	$78,000.00	$50.00	$60,000.00	$18,000.00
585.3	STONE FILL, CLASS C	CY	1,100.00	$50.00	$55,000.00	$44.25	$48,675.00	$6,325.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	1,800.00	$5.00	$9,000.00	$4.80	$8,640.00	$360.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	3,200.00	$5.00	$16,000.00	$4.80	$15,360.00	$640.00
603.0001	VIDEO INSPECTION	LF	11,100.00	$1.65	$18,315.00	$2.30	$25,530.00	($7,215.00)
603.00212	12" R.C. PIPE, 2000D	LF	96.00	$100.00	$9,600.00	$80.00	$7,680.00	$1,920.00
603.00215	15" R.C. PIPE, 2000D	LF	40.00	$105.00	$4,200.00	$85.00	$3,400.00	$800.00
603.00218	18" R.C. PIPE, 2000D	LF	2,500.00	$105.00	$262,500.00	$90.00	$225,000.00	$37,500.00
603.00224	24" R.C. PIPE, 2000D	LF	300.00	$135.00	$40,500.00	$110.00	$33,000.00	$7,500.00
603.00230	30" R.C. PIPE, 2000D	LF	770.00	$200.00	$154,000.00	$160.00	$123,200.00	$30,800.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
603.00236	36" R.C. PIPE, 2000D	LF	130.00	$750.00	$97,500.00	$250.00	$32,500.00	$65,000.00
603.00442	42" R.C. PIPE, 3750D	LF	260.00	$1,000.00	$260,000.00	$300.00	$78,000.00	$182,000.00
603.30112	12" R.C. END SECTIONS	EA	2.00	$735.00	$1,470.00	$900.00	$1,800.00	($330.00)
603.30124	24" R.C. END SECTIONS	EA	1.00	$1,085.00	$1,085.00	$1,200.00	$1,200.00	($115.00)
603.30136	36" R.C. END SECTIONS	EA	1.00	$1,650.00	$1,650.00	$2,000.00	$2,000.00	($350.00)
603.38912	TEMPORARY END SECTION FOR 12" PIPE (CONTRACTORS OPTION)	EA	6.00	$475.00	$2,850.00	$400.00	$2,400.00	$450.00
603.38915	TEMPORARY END SECTION FOR 15" PIPE (CONTRACTORS OPTION)	EA	1.00	$475.00	$475.00	$450.00	$450.00	$25.00
603.38918	TEMPORARY END SECTION FOR 18" PIPE (CONTRACTORS OPTION)	EA	2.00	$600.00	$1,200.00	$500.00	$1,000.00	$200.00
603.38924	TEMPORARY END SECTION FOR 24" PIPE (CONTRACTORS OPTION)	EA	1.00	$675.00	$675.00	$550.00	$550.00	$125.00
603.38936	TEMPORARY END SECTION FOR 36" PIPE (CONTRACTORS OPTION)	EA	1.00	$1,300.00	$1,300.00	$600.00	$600.00	$700.00
603.80212	12" PLASTIC PIPE (SMOOTH INTERIOR)	LF	79.00	$80.00	$6,320.00	$75.00	$5,925.00	$395.00
603.80218	18" PLASTIC PIPE (SMOOTH INTERIOR)	LF	5,400.00	$85.00	$459,000.00	$80.00	$432,000.00	$27,000.00
603.80224	24" PLASTIC PIPE (SMOOTH INTERIOR)	LF	1,300.00	$95.00	$123,500.00	$90.00	$117,000.00	$6,500.00
603.80230	30" PLASTIC PIPE (SMOOTH INTERIOR)	LF	260.00	$120.00	$31,200.00	$110.00	$28,600.00	$2,600.00
603.80236	36" PLASTIC PIPE (SMOOTH INTERIOR)	LF	110.00	$150.00	$16,500.00	$120.00	$13,200.00	$3,300.00
603.99012	12" TEMPORARY DRAINAGE PIPE	LF	370.00	$125.00	$46,250.00	$50.00	$18,500.00	$27,750.00
603.99015	15" TEMPORARY DRAINAGE PIPE	LF	55.00	$140.00	$7,700.00	$55.00	$3,025.00	$4,675.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
603.99018	18" TEMPORARY DRAINAGE PIPE	LF	140.00	$140.00	$19,600.00	$65.00	$9,100.00	$10,500.00
603.99024	24" TEMPORARY DRAINAGE PIPE	LF	20.00	$200.00	$4,000.00	$85.00	$1,700.00	$2,300.00
603.99036	36" TEMPORARY DRAINAGE PIPE	LF	46.00	$250.00	$11,500.00	$105.00	$4,830.00	$6,670.00
604.0007	POLYETHYLENE LINER	EA	34.00	$310.00	$10,540.00	$160.00	$5,440.00	$5,100.00
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	21.00	$3,300.00	$69,300.00	$3,000.00	$63,000.00	$6,300.00
604.115	CATCH BASINS TYPE A, 5-FOOT DIAMETER	U	10.00	$4,900.00	$49,000.00	$4,000.00	$40,000.00	$9,000.00
604.116	CATCH BASINS TYPE A, 6-FOOT DIAMETER	U	3.00	$6,000.00	$18,000.00	$5,000.00	$15,000.00	$3,000.00
604.118	CATCH BASINS TYPE A, 8-FOOT DIAMETER	U	5.00	$10,500.00	$52,500.00	$7,000.00	$35,000.00	$17,500.00
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	26.00	$3,500.00	$91,000.00	$3,000.00	$78,000.00	$13,000.00
604.156	CATCH BASINS TYPE E, 6-FOOT DIAMETER	U	2.00	$5,900.00	$11,800.00	$5,000.00	$10,000.00	$1,800.00
604.245	DROP INLETS TYPE D-E	U	2.00	$2,900.00	$5,800.00	$2,000.00	$4,000.00	$1,800.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.00	$3,500.00	$7,000.00	$3,000.00	$6,000.00	$1,000.00
604.3249	TEMPORARY DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	4.00	$4,100.00	$16,400.00	$3,000.00	$12,000.00	$4,400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	6.00	$595.00	$3,570.00	$750.00	$4,500.00	($930.00)
604.9101	OUTLET CONTROL STRUCTURE	U	1.00	$10,500.00	$10,500.00	$7,900.00	$7,900.00	$2,600.00
605.506	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN	LF	12,200.00	$33.00	$402,600.00	$32.00	$390,400.00	$12,200.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	11.00	$484.00	$5,324.00	$580.00	$6,380.00	($1,056.00)

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	7.00	$3,900.00	$27,300.00	$4,500.00	$31,500.00	($4,200.00)
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MID-SPLICE)	U	6.00	$1,575.00	$9,450.00	$1,500.00	$9,000.00	$450.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	3,800.00	$31.50	$119,700.00	$35.00	$133,000.00	($13,300.00)
606.4139	SINGLE SLOPE CONCRETE MEDIAN BARRIER (MODIFIED), PRECAST	LF	4,700.00	$185.00	$869,500.00	$150.00	$705,000.00	$164,500.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	17,000.00	$40.00	$680,000.00	$32.00	$544,000.00	$136,000.00
606.4171	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - LEFT IN PLACE	LF	200.00	$85.00	$17,000.00	$35.00	$7,000.00	$10,000.00
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	$28,000.00	$28,000.00	$10,000.00	$10,000.00	$18,000.00
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	$4,410.00	$4,410.00	$3,000.00	$3,000.00	$1,410.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	40.00	$8.40	$336.00	$23.00	$920.00	($584.00)
606.93	TEMPORARY BEAM GUARDRAIL	LF	16,750.00	$17.85	$298,987.50	$30.00	$502,500.00	($203,512.50)
606.93254	TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-3) (STEEL POSTS)	U	1.00	$3,180.00	$3,180.00	$3,000.00	$3,000.00	$180.00
606.9347	TEMPORARY BEAM GUARDRAIL (TERM. UNIT TYPE G-2)	U	1.00	$1,315.00	$1,315.00	$3,000.00	$3,000.00	($1,685.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	$7,250.00	$14,500.00	$5,000.00	$10,000.00	$4,500.00
607.140	WOVEN WIRE FENCE, 4'-0" HIGH	LF	2,900.00	$18.50	$53,650.00	$11.00	$31,900.00	$21,750.00
607.350	CHAIN LINK FENCE WITH VINYL COATED STEEL FABRIC, 5' HIGH	LF	720.00	$31.00	$22,320.00	$60.00	$43,200.00	($20,880.00)
607.4140	POST ASSEMBLIES FOR WOVEN WIRE FENCE, 4'-0" HIGH	EA	10.00	$250.00	$2,500.00	$225.00	$2,250.00	$250.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
607.4250	POST ASSEMBLIES FOR CHAIN LINK FENCE, 5' HIGH	EA	5.00	$255.00	$1,275.00	$245.00	$1,225.00	$50.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	860.00	$7.35	$6,321.00	$10.00	$8,600.00	($2,279.00)
611.05216	16" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52	LF	75.00	$325.00	$24,375.00	$220.00	$16,500.00	$7,875.00
611.41515	STEEL CASING PIPE WITH 16" DI-MJ CARRIER PIPE	LF	75.00	$640.00	$48,000.00	$675.00	$50,625.00	($2,625.00)
611.48515	REINSTALL 16" DI-MJ CARRIER PIPE IN EXISTING CASING	LF	140.00	$400.00	$56,000.00	$50.00	$7,000.00	$49,000.00
611.70016	16" FITTING	EA	6.00	$2,200.00	$13,200.00	$2,500.00	$15,000.00	($1,800.00)
611.72016	16" BUTTERFLY VALVE WITH BOX	EA	1.00	$6,800.00	$6,800.00	$3,000.00	$3,000.00	$3,800.00
611.76002	2" BLOW-OFF VALVE ASSEMBLY	EA	1.00	$3,400.00	$3,400.00	$4,500.00	$4,500.00	($1,100.00)
611.77	CHLORINE INJECTION TAP	EA	1.00	$1,600.00	$1,600.00	$3,000.00	$3,000.00	($1,400.00)
611.97116	16" MECHANICAL JOINT RESTRAINT	EA	8.00	$625.00	$5,000.00	$200.00	$1,600.00	$3,400.00
611.972	CASING SPACERS	EA	16.00	$500.00	$8,000.00	$300.00	$4,800.00	$3,200.00
612.22254	JACKED STEEL CASING WITH 12" HDPE CARRIER PIPE	U	1.00	$700,000.00	$700,000.00	$525,000.00	$525,000.00	$175,000.00
612.3104	SEWER MANHOLE, 4-FOOT DIAMETER	VF	20.00	$535.00	$10,700.00	$900.00	$18,000.00	($7,300.00)
612.3304	MODIFY SEWER MANHOLE, 4' DIA.	EA	2.00	$11,400.00	$22,800.00	$4,000.00	$8,000.00	$14,800.00
612.61512	12" PVC SEWER PIPE (SDR 35)	LF	20.00	$235.00	$4,700.00	$400.00	$8,000.00	($3,300.00)
615.01201	TRAFFIC SIGN TYPE A, BREAKAWAY MOUNTS	SF	1,300.00	$155.00	$201,500.00	$125.00	$162,500.00	$39,000.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	13.00	$6,000.00	$78,000.00	$535.00	$6,955.00	$71,045.00

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	$525.00	$525.00	$65.00	$65.00	$460.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	3.00	$5,250.00	$15,750.00	$535.00	$1,605.00	$14,145.00
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	48.00	$375.00	$18,000.00	$280.00	$13,440.00	$4,560.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	3.00	$50.00	$150.00	$45.00	$135.00	$15.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	48.00	$110.00	$5,280.00	$200.00	$9,600.00	($4,320.00)
615.0401	TRAFFIC SIGN TYPE AA	SF	690.00	$33.00	$22,770.00	$19.00	$13,110.00	$9,660.00
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	$200,000.00	$200,000.00	$155,000.00	$155,000.00	$45,000.00
615.10301	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	$25,000.00	$25,000.00	$15,000.00	$15,000.00	$10,000.00
615.10302	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	$25,000.00	$25,000.00	$15,000.00	$15,000.00	$10,000.00
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	$2,700.00	$2,700.00	$2,500.00	$2,500.00	$200.00
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	$100,000.00	$100,000.00	$65,000.00	$65,000.00	$35,000.00
615.20301	REMOVING CANTILEVER TRAFFIC SIGN STRUCTURE	U	1.00	$10,000.00	$10,000.00	$5,000.00	$5,000.00	$5,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	$	283,000.00	$1.00	$283,000.00	$1.00	$283,000.00	$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	$650,000.00	$650,000.00	$250,000.00	$250,000.00	$400,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	$22,000.00	$88,000.00	$3,000.00	$12,000.00	$76,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	$21,000.00	$84,000.00	$5,000.00	$20,000.00	$64,000.00
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	8.00	$950.00	$7,600.00	$1,500.00	$12,000.00	($4,400.00)

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	26.00	$1,250.00	$32,500.00	$1,100.00	$28,600.00	$3,900.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	35.00	$750.00	$26,250.00	$645.00	$22,575.00	$3,675.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	131.00	$550.00	$72,050.00	$865.00	$113,315.00	($41,265.00)
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	26.00	$850.00	$22,100.00	$1,200.00	$31,200.00	($9,100.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	$50,000.00	$100,000.00	$11,000.00	$22,000.00	$78,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	6.00	$350.00	$2,100.00	$400.00	$2,400.00	($300.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	50.00	$60.00	$3,000.00	$37.00	$1,850.00	$1,150.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	44.00	$6.85	$301.40	$8.25	$363.00	($61.60)
621.3112	SINGLE LARGE DELINEATOR WITH POST	EA	82.00	$84.00	$6,888.00	$100.00	$8,200.00	($1,312.00)
622.1	STEEL WITNESS MARKERS	EA	36.00	$42.00	$1,512.00	$50.00	$1,800.00	($288.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	210.00	$10.00	$2,100.00	$5.00	$1,050.00	$1,050.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	219,300.00	$0.31	$67,983.00	$0.20	$43,860.00	$24,123.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	11,500.00	$0.80	$9,200.00	$0.50	$5,750.00	$3,450.00
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	10,000.00	$9.50	$95,000.00	$2.50	$25,000.00	$70,000.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,700.00	$4.20	$11,340.00	$4.00	$10,800.00	$540.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	81,650.00	$0.52	$42,458.00	$0.75	$61,237.50	($18,779.50)

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
645.119	MULCH WITH TACKIFIERS	A	26.00	$1,300.00	$33,800.00	$1,300.00	$33,800.00	$0.00
645.3	EROSION STONE	TON	2,000.00	$30.00	$60,000.00	$33.00	$66,000.00	($6,000.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	15,000.00	$2.25	$33,750.00	$3.00	$45,000.00	($11,250.00)
645.45	PERMANENT CHANNEL MATTING TYPE A	SY	6,300.00	$6.75	$42,525.00	$9.00	$56,700.00	($14,175.00)
645.482	STUMP GRINDINGS FOR TEMPORARY EROSION CONTROL	CY	500.00	$29.00	$14,500.00	$20.00	$10,000.00	$4,500.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,600.00	$4.00	$14,400.00	$7.25	$26,100.00	($11,700.00)
645.531	SILT FENCE	LF	18,000.00	$3.00	$54,000.00	$3.50	$63,000.00	($9,000.00)
645.611	BONDED FIBER MATRIX (BFM)	LB	70,000.00	$1.75	$122,500.00	$1.75	$122,500.00	$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	$21,000.00	$21,000.00	$10,000.00	$10,000.00	$11,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	840.00	$95.00	$79,800.00	$100.00	$84,000.00	($4,200.00)
645.72	FINAL WETLAND IMPACT REPORT	U	1.00	$5,250.00	$5,250.00	$5,000.00	$5,000.00	$250.00
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	19.00	$1,525.00	$28,975.00	$2,300.00	$43,700.00	($14,725.00)
647.1	HUMUS	CY	8,900.00	$34.00	$302,600.00	$25.00	$222,500.00	$80,100.00
670.02	SEDIMENT SUMP MEASURING BLOCK	EA	1.00	$683.00	$683.00	$800.00	$800.00	($117.00)
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.00	$164,600.00	$164,600.00	$350,000.00	$350,000.00	($185,400.00)
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.00	$185,000.00	$185,000.00	$400,000.00	$400,000.00	($215,000.00)

New Hampshire DOT
Department of Transportation

PS&E Comparison

NASHUA-MERRIMACK-BEDFORD
13761E
NON-FEDERAL

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	$20,000.00	$40,000.00	$4,000.00	$8,000.00	$32,000.00
670.1619	DISCHARGE PERMIT FOR CONTAMINATED WATER	U	1.00	$7,875.00	$7,875.00	$11,250.00	$11,250.00	($3,375.00)
670.313	PIPE CLEAN OUT AND DEBRIS REMOVAL	U	1.00	$20,000.00	$20,000.00	$10,000.00	$10,000.00	$10,000.00
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	$48,000.00	$48,000.00	$35,000.00	$35,000.00	$13,000.00
692.	MOBILIZATION	U	1.00	$2,166,000.00	$2,166,000.00	$1,100,000.00	$1,100,000.00	$1,066,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	$4,000.00	$4,000.00	$3,850.00	$3,850.00	$150.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	$5,500.00	$5,500.00	$6,800.00	$6,800.00	($1,300.00)
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	$9,500.00	$9,500.00	$7,000.00	$7,000.00	$2,500.00
698.11913	FIELD OFFICE EQUIPMENT AND SUPPLIES	MON	30.00	$900.00	$27,000.00	$2,000.00	$60,000.00	($33,000.00)
698.2	PHYSICAL TESTING LABORATORY	MON	30.00	$1,200.00	$36,000.00	$1,300.00	$39,000.00	($3,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	$	50,000.00	$1.00	$50,000.00	$1.00	$50,000.00	$0.00
1008.8	ALTERATIONS AND ADDITIONS AS NEEDED - WINTER MAINTENANCE	$	25,000.00	$1.00	$25,000.00	$1.00	$25,000.00	$0.00
1010.01	STEEL COST ADJUSTMENT	$	5,000.00	$1.00	$5,000.00	$1.00	$5,000.00	$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	$	100,000.00	$1.00	$100,000.00	$1.00	$100,000.00	$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	$	130,000.00	$1.00	$130,000.00	$1.00	$130,000.00	$0.00

Total:	$22,579,444.00	$18,964,254.75	$3,615,189.25

NASHUA-MERRIMACK-BEDFORD
13761E

February 7, 2023

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This roadway widening project is part of the overall F.E. Everett Turnpike (FEET) Widening Project beginning in Nashua and proceeding northerly approximately 12 miles to the I-293 interchange in Bedford. The overall project intends to work on and widen two lane gap segments of the FEET to three lane segments in each direction; the overall project does not reconstruct the entire 12-mile length. **This project (13761E) only includes widening and reconstruction of the F.E.E.T. in the Town of Merrimack between Exit 12 (Bedford Road) and Exit 13 (M.A.A.R.) from MM 15.25 to MM 16.15.**

FEDERAL FUNDING: 0% (100% Turnpike Capital)

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. The contingency amount is requested to account for the risks with unanticipated traffic control needs associated with the complex roadway network, and construction work extending over multiple construction seasons, blasting related issues, and uncertainties with PFAS/LRS management within the project limits.

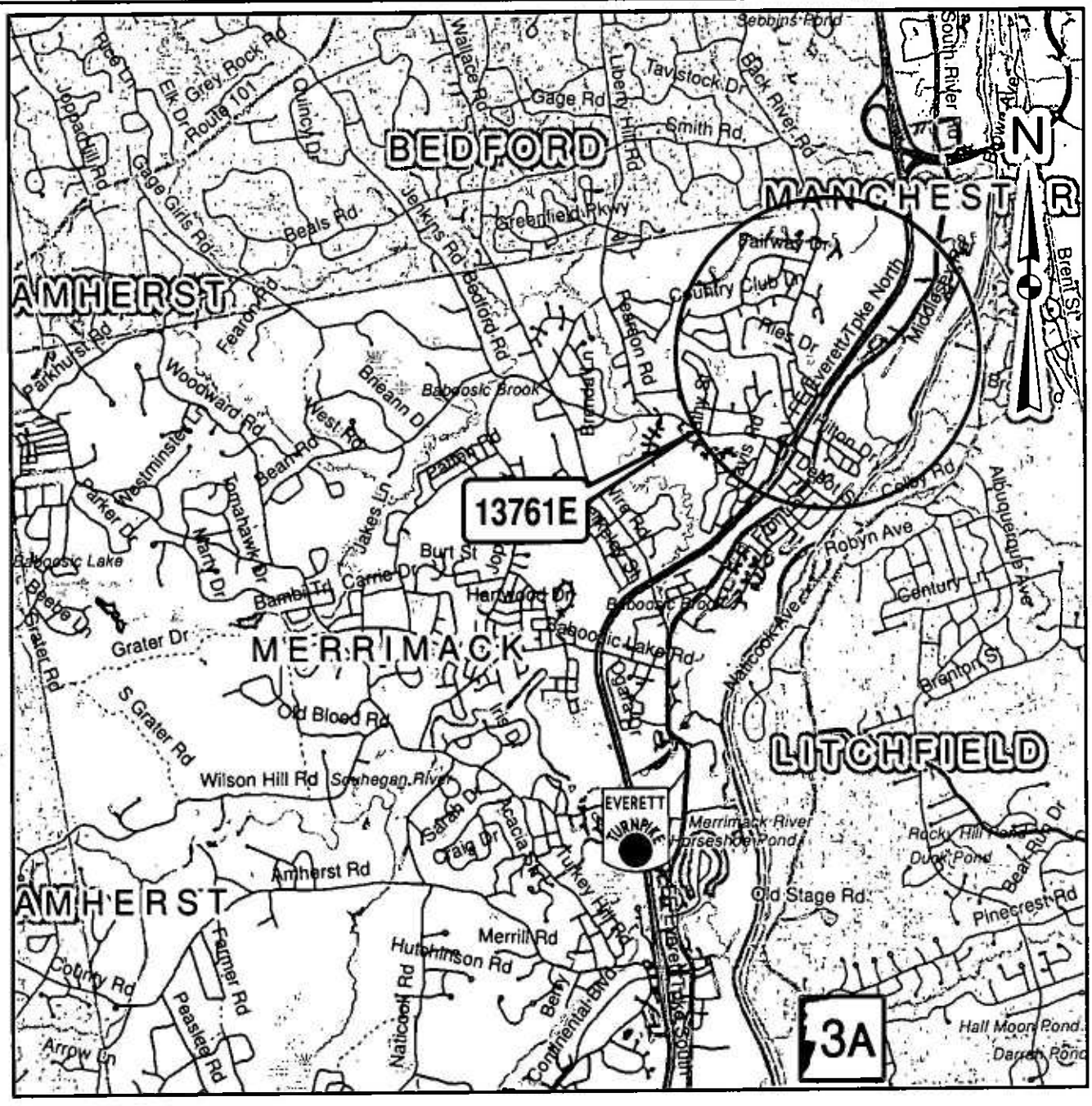
PROJECT INITIATED: State's Ten Year Transportation Improvement Plan.

PROJECT EXPLANATION: The project involves overall pavement reconstruction, including step box widening to provide three through lanes on both NB and SB mainlines. Additionally, the proposed work includes upgrading the drainage and median barrier system, overhead sign structure replacements, and construction of a water quality BMP. The project includes replacement of the existing Dumpling Brook culvert. The project will also construct one noise abatement wall adjacent to the FEET NB mainline near Shelburne Road and Kimberly Drive (Sta. 1183+00 to 1197+50, NB RT.) (1,450 LF).

TRAFFIC IMPLICATION: Two-lane traffic on the FEET NB and SB will be maintained at all times through the work area by use of phased construction techniques. Some construction activities will require temporary lane closures with use of Uniformed Officers and Vehicles during off-peak travel times. The project may include rolling roadblocks to complete some operations. The project includes a smart work zone package that will be used to notify the public of project related traffic impacts.

COMPLETION DATE: September 26, 2025

NASHUA-MERRIMACK-BEDFORD - F.E.E.T.



Miles

1 ½ 0 1 2

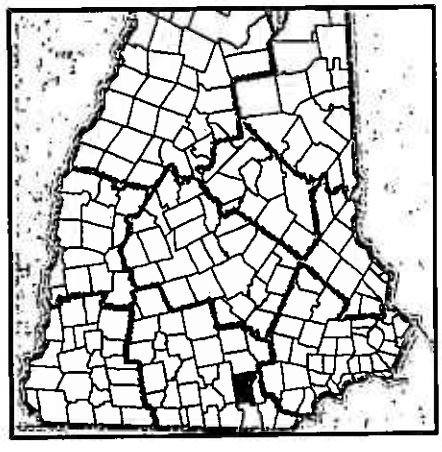
LEGEND

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

New Hampshire DOT
Department of Transportation

State #: 13761E
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 R. S. AUDLEY, INC. is a New Hampshire Profit Corporation registered to transact business in New Hampshire on October 14, 1955. 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: **6242**

Certificate Number: **0006193374**

IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 2nd day of April A.D. 2023.

David M. Scanlan

Secretary of State

CERTIFICATE OF VOTE

I, Scott P. Stevens Hereby certify that I am duly elected Vice President of **R.S. AUDLEY, INC.**

I hereby certify the following is a true copy of a vote taken at a meeting of the Board of Directors of the Corporation, duly called and held on March 30, 2023, at which a quorum of the Board was present and voting.

VOTED: That Frederick D. Kenison is duly authorized to enter into a specific contract namely **NASHUA-MERRIMACK-BEDFORD 13761E** With State of New Hampshire, Dept. of Transportation, and further authorized to execute any documents which may in his judgment be desirable or necessary to effect the purpose of this vote.

I hereby certify that said vote has not been amended or repealed and remains in full force and effect as of March 30, 2023, and that Frederick D. Kenison is duly elected Vice President of this Corporation.

DATED: March 30, 2023

ATTEST: _____ (Affix Corp. Seal)
Scott R. Stevens, Vice President

/nhcertvt

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/2/2023

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
THE ROWLEY AGENCY INC.
45 Constitution Avenue
P.O. Box 511
Concord NH 03302-0511

CONTACT NAME: Christine Holman, CPCU, CIC
PHONE (A/C, No, Ext): (603)224-2562 FAX (A/C, No): (603)224-8012
E-MAIL ADDRESS: cholman@rowleyagency.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: Travelers	28188
INSURER B: Crum & Forster	
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

INSURED
R.S. Audley, Inc.
1113 Route 3-A
Bow NH 03304

COVERAGES CERTIFICATE NUMBER: 23-24 all lines 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 X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X CG0001 GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC			DT-CO-5G429382-IND-23	1/1/2023	1/1/2024	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
A	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS			B10-OP587210-23-26-G	1/1/2023	1/1/2024	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
							Medical payments	$ 2,000
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 10,000			CUP-2P491778-23-26	1/1/2023	1/1/2024	EACH OCCURRENCE	$ 10,000,000
							AGGREGATE	$ 10,000,000
							P/CO Aggregate	$ 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		3A States: NH, ME UB-8L596091-22-26-G COF USL&H Coverage applies	1/1/2023	1/1/2024	X WC STATU-TORY LIMITS OTH-ER	
							E.L. EACH ACCIDENT	$ 500,000
							E.L. DISEASE - EA EMPLOYEE	$ 500,000
							E.L. DISEASE - POLICY LIMIT	$ 500,000
A	Leased/Rented			DT-660-3082B427-COF-23	1/1/2023	1/1/2024	Limit - per item	900,000
B	Pollution			PKC100765	2/18/2023	2/18/2024	Per Claim/Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
13761E - FE Everett Turnpike widening in Merrimack of a 2-lane section from Bedford Rd to south of Exit 13. When required by written contract the State of New Hamspshire is included as an additional insured under general liability coverage for ongoing operations

CERTIFICATE HOLDER

State of New Hampshire
Department of Transportation
PO Box 483
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

C Holman, CPCU, CIC/C Christine Holman

© 1988-2010 ACORD CORPORATION. All rights reserved.
The ACORD name and logo are registered marks of ACORD

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 04/02/2023

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 ROWLEY AGENCY INC.
45 Constitution Avenue
P.O. Box 511
Concord NH 03302-0511

CONTACT NAME: Christine Holman, CPCU, CIC
PHONE (A/C, No, Ext): (603) 224-2562 FAX (A/C, No): (603) 224-8012
E-MAIL ADDRESS: cholman@rowleyagency.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: Travelers	28188
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

INSURED
State of New Hampshire, Dept of Transportation
PO Box 483
Concord NH 03302-0483

COVERAGES CERTIFICATE NUMBER: OCP - Merrimack 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 ☐ CLAIMS-MADE ☒ OCCUR ☒ Owners, Landlord and Tenants GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:			OCP051723	05/17/2023	05/17/2024	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 ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N ☐ (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A						☐ PER STATUTE ☐ 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)

13761E - FE Everett Turnpike widening in Merrimack of a 2-lane section from Bedford Rd to South of Exit 13

CERTIFICATE HOLDER

State of New Hampshire Dept of DOT
PO Box 483
Concord NH 03301

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Christine H Holman

© 1988-2015 ACORD CORPORATION. All rights reserved.

The ACORD name and logo are registered marks of ACORD