

21B



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
 Commissioner

William Cass, P.E.
 Assistant Commissioner

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

Bureau of Construction
 October 20, 2020

REQUESTED ACTION

1. 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 low bid of \$8,388,454.75 for maintenance and preservation work on five bridges on I-93 in Manchester and Hooksett, from the date of Governor and Council approval through October 28, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2021, and is contingent upon the availability and continued appropriation of funds in Fiscal Years 2022 and 2023 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:	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$3,556,704.82	\$3,623,812.44	\$1,207,937.49

2. Further authorize that a contingency in the amount of \$503,307.29 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 6% of the contract amount.

Funding is available as follows:	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2023</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments			\$503,307.29

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan, under the Bridge T 1-2 Maintenance & Preservation and Bridge-HIB Maintenance and Preservation. This project performs maintenance and preservation work on 5 bridges in: Manchester (127/122, I-93 SB over Stevens Pond; 124/119 Viaduct, I-93 SB over Steven Pond; 119/115, I-93 over Wellington Rd.; & 102/108, NH 28A over I-93) and Hooksett (095/048, I-93 SB over US 3/NH 28). Work begins approximately at I-93 MM 21.3 and extends north approximately 3 miles. Major bridge work consists of removal and replacement of the deck asphalt and membrane, partial and full depth concrete deck repairs, abutment concrete repairs, expansion joint replacement and select bridge rail repairs. Permanent ITS is also being installed at approximately MM 25.8.

This work is intended to extend the bridge service life before full deck replacement is needed.

The proposed contingency amount is 6% of the contract amount. The amount of deck estimated for repair is based on the condition of the asphalt covering the deck. The full extent of the necessary repairs will not be known until the deck is exposed by removing the existing asphalt and membrane.

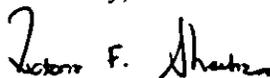
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 (Bridge Tier 1-2 Maintenance & Preservation and Bridge-HIB Maintenance and Preservation) 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,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$8,928,852.65

Contract Amount: \$8,388,454.75

Under Estimate: \$ 540,758.00

Attachments



ABC Bid Data

MANCHESTER - HOOKSETT
41475
X-A004(648)

PROJECT:	MANCHESTER - HOOKSETT	Awarded To:	AUDLEY, R. S., INC.	Certified by:	<u>PETER.E.STAMNAS</u>
STATE PROJECT NUMBER:	41475		1113 ROUTE 3A		<small>Director of Project Development</small>
FED. PROJECT NUMBER:	X-A004(648)		BOW, NH 03304-4025	Amount:	\$8,388,454.75
DATE BIDS OPEN:	October 08, 2020, 2:00			Award Date:	
SCOPE OF WORK:	Address Preservation needs on 5 bridges in Hooksett & Manchester on and over I-93 SB.				
COMPLETION DATE:	October 28, 2022				
LOCATION:	Hillsborough, Merrimack				

Summary of Bidders

Contractor	Bid Amount	Rank
AUDLEY, R. S., INC. 1113 ROUTE 3A, BOW NH 03304-4025	\$8,388,454.75	A
SWETT, E. D. INC. 8 INDUSTRIAL PARK DR, CONCORD NH 03301-8512	\$9,542,758.00	B



ABC Bid Data

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	P&E		AUDLEY, R. & INC. 1113 ROUTE 3A BOW, NH 03304-0225		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-0512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	11.00	\$1,375.00	\$15,125.00	\$1,000.00	\$11,000.00	\$2,000.00	\$22,000.00
203.55281	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.00	\$500.00	\$1,000.00	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$85.00	\$850.00	\$200.00	\$2,000.00	\$250.00	\$2,500.00
209.1	GRANULAR BACKFILL	CY	22.00	\$35.00	\$770.00	\$600.00	\$13,200.00	\$100.00	\$2,200.00
304.301	CRUSHED GRAVEL	CY	3.00	\$75.00	\$225.00	\$650.00	\$1,950.00	\$110.00	\$330.00
403.11043	HBP-1/2" WEARING, MM	TON	4,600.00	\$90.00	\$414,000.00	\$100.00	\$460,000.00	\$96.00	\$441,600.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	132.00	\$170.00	\$22,440.00	\$140.00	\$18,480.00	\$140.00	\$18,480.00
403.16	PAVEMENT JOINT ADHESIVE	LF	42,700.00	\$1.00	\$42,700.00	\$0.25	\$10,675.00	\$0.25	\$10,675.00
403.19	HBP-TEMPORARY	TON	1,500.00	\$150.00	\$225,000.00	\$95.00	\$142,500.00	\$90.00	\$135,000.00
403.21063	HBP-3/8", MACHINE METHOD (BRIDGE BASE)	TON	1,020.00	\$170.00	\$173,400.00	\$100.00	\$102,000.00	\$100.00	\$102,000.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	18,216.00	\$0.75	\$13,661.25	\$0.25	\$4,553.75	\$1.00	\$18,215.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,600.00	\$9.50	\$34,200.00	\$4.50	\$16,200.00	\$4.50	\$16,200.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	35,000.00	\$1.80	\$63,000.00	\$2.25	\$78,750.00	\$3.00	\$105,000.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	7,950.00	\$2.50	\$19,875.00	\$2.00	\$15,900.00	\$2.00	\$15,900.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$150,000.00	\$150,000.00	\$250,000.00	\$250,000.00	\$350,000.00	\$350,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$200,000.00	\$200,000.00	\$375,000.00	\$375,000.00	\$500,000.00	\$500,000.00
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$100,000.00	\$100,000.00	\$147,000.00	\$147,000.00	\$100,000.00	\$100,000.00
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$75,000.00	\$75,000.00	\$190,000.00	\$190,000.00	\$150,000.00	\$150,000.00
502.105	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$75,000.00	\$75,000.00	\$180,000.00	\$180,000.00	\$100,000.00	\$100,000.00
503.201	COFFERDAMS	U	1.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	152.00	\$45.00	\$6,840.00	\$75.00	\$11,400.00	\$60.00	\$9,120.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	4,100.00	\$18.00	\$73,800.00	\$20.00	\$82,000.00	\$15.00	\$61,500.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	10,200.00	\$18.00	\$183,600.00	\$20.00	\$204,000.00	\$12.50	\$127,500.00
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,300.00	\$18.00	\$23,400.00	\$20.00	\$26,000.00	\$15.00	\$19,500.00

ABC Bid Data

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	P&E		AUDLEY, R. S., INC. 1113 ROUTE 2A BOW, NH 03304-4825		SWETT, E. D., INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
511.0004	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,510.00	\$18.00	\$27,180.00	\$20.00	\$30,200.00	\$15.00	\$22,650.00
511.0005	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,330.00	\$18.00	\$23,940.00	\$20.00	\$26,600.00	\$15.00	\$19,950.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	1,465.00	\$400.00	\$586,000.00	\$350.00	\$512,750.00	\$300.00	\$439,500.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	860.00	\$600.00	\$396,000.00	\$860.00	\$567,600.00	\$400.00	\$264,000.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	55.00	\$1,000.00	\$55,000.00	\$1,200.00	\$66,000.00	\$850.00	\$48,750.00
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	5.00	\$1,000.00	\$5,000.00	\$1,500.00	\$7,500.00	\$550.00	\$2,750.00
512.0203	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	5.00	\$1,000.00	\$5,000.00	\$1,500.00	\$7,500.00	\$550.00	\$2,750.00
512.0204	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	5.00	\$1,000.00	\$5,000.00	\$1,500.00	\$7,500.00	\$550.00	\$2,750.00
512.0205	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	10.00	\$1,000.00	\$10,000.00	\$1,500.00	\$15,000.00	\$550.00	\$5,500.00
520.01	CONCRETE CLASS AA	CY	168.00	\$1,000.00	\$168,000.00	\$550.00	\$91,300.00	\$900.00	\$149,400.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	352.00	\$1,600.00	\$563,200.00	\$1,500.00	\$528,000.00	\$1,500.00	\$528,000.00
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	17.00	\$1,600.00	\$27,200.00	\$1,200.00	\$20,400.00	\$2,000.00	\$34,000.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	140.00	\$1,600.00	\$224,000.00	\$2,000.00	\$280,000.00	\$2,000.00	\$280,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	245.00	\$85.00	\$20,825.00	\$100.00	\$24,500.00	\$75.00	\$18,375.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	17,915.00	\$20.00	\$358,300.00	\$14.00	\$250,810.00	\$18.00	\$286,840.00
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	1,474.00	\$40.00	\$58,960.00	\$40.00	\$58,960.00	\$40.00	\$58,960.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	7,730.00	\$20.00	\$154,600.00	\$25.00	\$193,250.00	\$22.00	\$170,060.00
541.5	PVC WATERSTOPS, NH TYPE 6 (F)	LF	608.00	\$18.00	\$10,944.00	\$10.00	\$6,080.00	\$10.00	\$6,080.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	54,751.00	\$2.00	\$109,502.00	\$2.00	\$109,502.00	\$2.00	\$109,502.00
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	4,365.00	\$5.00	\$21,825.00	\$4.60	\$20,079.00	\$5.00	\$21,825.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$15,000.00	\$15,000.00	\$1,500.00	\$1,500.00	\$50,000.00	\$50,000.00
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	92.00	\$100.00	\$9,200.00	\$100.00	\$9,200.00	\$115.00	\$10,580.00
559.4102	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	89.00	\$100.00	\$8,900.00	\$100.00	\$8,900.00	\$115.00	\$10,235.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$600.00	\$37,800.00	\$600.00	\$37,800.00
560.1002	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$600.00	\$37,800.00	\$600.00	\$37,800.00

Item No.	Description	Unit	Quantity	P&E		AUDLEY, R. S., INC. 1113 ROUTE 2A BOW, NH 03304-4825		SWETT, E. D. INC. 1 INDUSTRIAL PARK DR CONCORD, NH 03301-4512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
560.1003	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	102.00	\$700.00	\$71,400.00	\$600.00	\$61,200.00	\$500.00	\$51,000.00
560.1004	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$600.00	\$37,800.00	\$600.00	\$37,800.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$700.00	\$44,100.00	\$650.00	\$40,950.00
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$700.00	\$44,100.00	\$650.00	\$40,950.00
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	92.00	\$700.00	\$64,400.00	\$700.00	\$64,400.00	\$600.00	\$55,200.00
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	83.00	\$700.00	\$58,100.00	\$700.00	\$58,100.00	\$600.00	\$49,800.00
561.1005	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	74.00	\$700.00	\$51,800.00	\$700.00	\$51,800.00	\$600.00	\$44,400.00
561.1006	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	65.00	\$700.00	\$45,500.00	\$700.00	\$45,500.00	\$650.00	\$42,250.00
561.1007	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	98.00	\$700.00	\$67,200.00	\$700.00	\$67,200.00	\$600.00	\$57,600.00
561.1008	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	93.00	\$700.00	\$65,100.00	\$700.00	\$65,100.00	\$600.00	\$55,800.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	64.00	\$1,200.00	\$76,800.00	\$1,500.00	\$96,000.00	\$1,200.00	\$76,800.00
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	68.00	\$1,200.00	\$78,200.00	\$1,500.00	\$99,000.00	\$1,200.00	\$78,200.00
562.1	SILICONE JOINT SEALANT (F)	LF	530.00	\$25.00	\$13,250.00	\$35.00	\$18,550.00	\$2.50	\$1,325.00
563.001	BRIDGE RAIL ANCHORAGE	EA	12.00	\$250.00	\$3,000.00	\$700.00	\$8,400.00	\$400.00	\$4,800.00
563.02	STEEL POST ASSEMBLY FOR T2 RAIL	EA	29.00	\$750.00	\$21,750.00	\$1,100.00	\$31,900.00	\$800.00	\$23,200.00
563.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	6.00	\$750.00	\$4,500.00	\$1,200.00	\$7,200.00	\$800.00	\$4,800.00
563.81	REHABILITATION OF BRIDGE RAIL	LF	112.00	\$1,200.00	\$134,400.00	\$225.00	\$25,200.00	\$250.00	\$28,000.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	2.00	\$800.00	\$1,600.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00
565.92	BRIDGE APPROACH RAIL, ASYMMETRICAL THRIE BEAM TRANSITION (STEEL POSTS)	U	1.00	\$3,250.00	\$3,250.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
606.0122	W8X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	68.00	\$30.00	\$1,980.00	\$110.00	\$7,280.00	\$125.00	\$8,250.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	1.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,350.00	\$30.00	\$40,500.00	\$42.00	\$56,700.00	\$45.00	\$60,750.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,660.00	\$60.00	\$99,600.00	\$46.50	\$77,190.00	\$60.00	\$99,600.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	376.00	\$64.00	\$24,000.00	\$45.00	\$16,875.00	\$50.00	\$18,750.00



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				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$8,000.00	\$16,000.00	\$4,200.00	\$8,400.00	\$5,000.00	\$10,000.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	3.00	\$8,000.00	\$24,000.00	\$5,500.00	\$16,500.00	\$7,500.00	\$22,500.00
607.996	TEMPORARY CHAIN LINK FENCE, 6' HIGH	LF	450.00	\$50.00	\$22,500.00	\$15.00	\$6,750.00	\$100.00	\$45,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	50.00	\$75.00	\$3,750.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00
608.28	8" CONCRETE SIDEWALK (F)	SY	1,200.00	\$75.00	\$90,000.00	\$60.00	\$72,000.00	\$80.00	\$96,000.00
609.01	STRAIGHT GRANITE CURB	LF	360.00	\$50.00	\$18,000.00	\$25.00	\$9,000.00	\$25.00	\$9,000.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	440.00	\$35.00	\$15,400.00	\$22.00	\$9,680.00	\$22.00	\$9,680.00
609.23	CURVED GRANITE SLOPE CURB	LF	5.00	\$110.00	\$550.00	\$90.00	\$450.00	\$90.00	\$450.00
609.5	RESET GRANITE CURB	LF	80.00	\$80.00	\$6,400.00	\$15.00	\$1,200.00	\$15.00	\$1,200.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	192.00	\$80.00	\$15,360.00	\$50.00	\$9,600.00	\$60.00	\$11,520.00
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$850.00	\$850.00	\$890.00	\$890.00	\$885.00	\$885.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	10.00	\$18.00	\$180.00	\$35.00	\$350.00	\$35.00	\$350.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	100.00	\$22.00	\$2,200.00	\$50.00	\$5,000.00	\$45.00	\$4,500.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	80.00	\$250.00	\$20,000.00	\$114.00	\$9,120.00	\$115.00	\$9,200.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$370.00	\$740.00	\$170.00	\$340.00	\$175.00	\$350.00
616.1711	PORTABLE TRAFFIC SIGNAL (PTS) SYSTEM (MONTH)	MON	4.00	\$7,000.00	\$28,000.00	\$6,000.00	\$24,000.00	\$15,000.00	\$60,000.00
616.19101	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00
616.19102	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$6,000.00	\$6,000.00
616.19103	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,500.00	\$2,500.00	\$2,350.00	\$2,350.00	\$6,000.00	\$6,000.00
616.19104	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,500.00	\$2,500.00	\$2,300.00	\$2,300.00	\$6,000.00	\$6,000.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	1.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00
618.7	FLAGGERS	HR	500.00	\$34.65	\$17,325.00	\$36.00	\$18,000.00	\$45.00	\$22,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$250,000.00	\$250,000.00	\$130,000.00	\$130,000.00	\$750,000.00	\$750,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$6,500.00	\$39,000.00	\$10,000.00	\$60,000.00	\$15,000.00	\$90,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$10,000.00	\$20,000.00	\$9,500.00	\$19,000.00	\$15,000.00	\$30,000.00



ABC Bid Data

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	P&E		AUDLEY, R. B., INC. 1113 ROUTE 3A BOW, NH 03304-0025		BHWETT, E. G., INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	4.00	\$450.00	\$1,800.00	\$700.00	\$2,800.00	\$700.00	\$2,800.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	8.00	\$900.00	\$7,200.00	\$1,100.00	\$8,800.00	\$1,100.00	\$8,800.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	144.00	\$645.00	\$92,880.00	\$515.00	\$74,160.00	\$515.00	\$74,160.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	216.00	\$865.00	\$186,840.00	\$675.00	\$145,800.00	\$695.00	\$150,120.00
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	72.00	\$1,200.00	\$86,400.00	\$1,100.00	\$79,200.00	\$1,025.00	\$73,800.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$5,000.00	\$10,000.00	\$45,000.00	\$90,000.00	\$25,000.00	\$50,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	5.00	\$400.00	\$2,000.00	\$250.00	\$1,250.00	\$250.00	\$1,250.00
621.31	SINGLE DELINEATOR WITH POST	EA	10.00	\$50.00	\$500.00	\$65.00	\$650.00	\$65.00	\$650.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,847.00	\$3.50	\$6,464.50	\$2.00	\$3,694.00	\$3.00	\$5,541.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	9,240.00	\$0.30	\$2,772.00	\$0.25	\$2,310.00	\$0.25	\$2,310.00
632.0108	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	131,380.00	\$0.28	\$34,158.80	\$0.25	\$32,845.00	\$0.25	\$32,845.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	10,210.00	\$0.26	\$2,654.60	\$0.35	\$3,573.50	\$1.00	\$10,210.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	5,660.00	\$2.20	\$12,452.00	\$2.00	\$11,320.00	\$2.00	\$11,320.00
632.1108	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	28,230.00	\$2.50	\$70,575.00	\$2.95	\$83,278.50	\$2.50	\$70,575.00
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	4,110.00	\$3.25	\$13,357.50	\$5.85	\$24,454.50	\$5.00	\$20,550.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	30.00	\$4.30	\$129.00	\$10.00	\$300.00	\$10.00	\$300.00
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 4" LINE	LF	9,710.00	\$2.25	\$21,847.50	\$2.50	\$24,275.00	\$2.50	\$24,275.00
632.1308	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	440.00	\$3.00	\$1,320.00	\$3.75	\$1,650.00	\$3.00	\$1,320.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,790.00	\$4.00	\$7,160.00	\$2.00	\$3,580.00	\$2.00	\$3,580.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	3,850.00	\$6.00	\$23,100.00	\$5.00	\$19,250.00	\$5.00	\$19,250.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	106,690.00	\$0.70	\$74,683.00	\$0.55	\$58,679.50	\$0.50	\$53,345.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,385.00	\$5.00	\$6,925.00	\$5.50	\$7,617.50	\$7.00	\$9,695.00
645.531	SILT FENCE	LF	1,425.00	\$4.50	\$6,412.50	\$3.00	\$4,275.00	\$5.00	\$7,125.00
645.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	13,050.00	\$4.50	\$58,725.00	\$0.75	\$9,787.50	\$3.00	\$39,150.00
647.1	HUMUS	CY	730.00	\$50.00	\$36,500.00	\$32.00	\$23,360.00	\$25.00	\$18,250.00



ABC Bid Data

MANCHESTER - HOOKSETT

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X-A004(648)

Item No.	Description	Unit	Quantity	P&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4825		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$30,000.00	\$30,000.00	\$38,000.00	\$38,000.00	\$30,000.00	\$30,000.00
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$50,000.00	\$50,000.00	\$55,000.00	\$55,000.00	\$60,000.00	\$60,000.00
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00	\$25,000.00	\$25,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$10,000.00	\$40,000.00	\$10,000.00	\$40,000.00	\$10,000.00	\$40,000.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$25,000.00	\$25,000.00	\$17,500.00	\$17,500.00	\$25,000.00	\$25,000.00
677.4101	CCTV SYSTEM	U	1.00	\$60,000.00	\$60,000.00	\$45,000.00	\$45,000.00	\$50,000.00	\$50,000.00
678.71	RESET IMPACT ATTENUATION DEVICE	U	1.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
692.	MOBILIZATION	U	1.00	\$753,249.00	\$753,249.00	\$185,000.00	\$185,000.00	\$900,000.00	\$900,000.00
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00
698.12	FIELD OFFICE TYPE B	MON	20.00	\$2,000.00	\$40,000.00	\$2,500.00	\$50,000.00	\$5,000.00	\$100,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1002.13	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1002.14	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1002.15	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1008.846	ALTERATIONS AND ADDITIONS AS NEEDED - MVDS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00
1008.951	ALTERATIONS AND ADDITIONS AS NEEDED - ITS CABINET EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
Totals:				\$8,928,952.65	\$8,928,952.65	\$8,388,454.75	\$8,388,454.75	\$9,642,768.00	\$9,642,768.00
Alt. Totals:									
Totals:				\$8,928,952.65	\$8,928,952.65	\$8,388,454.75	\$8,388,454.75	\$9,642,768.00	\$9,642,768.00



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	11.00	\$1,000.00	\$11,000.00	\$1,375.00	\$15,125.00	(\$4,125.00)
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.00	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00	\$1,400.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$200.00	\$2,000.00	\$65.00	\$650.00	\$1,350.00
209.1	GRANULAR BACKFILL	CY	22.00	\$600.00	\$13,200.00	\$35.00	\$770.00	\$12,430.00
304.301	CRUSHED GRAVEL	CY	3.00	\$650.00	\$1,950.00	\$75.00	\$225.00	\$1,725.00
403.11043	HBP-1/2" WEARING. MM	TON	4,600.00	\$100.00	\$460,000.00	\$90.00	\$414,000.00	\$46,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	132.00	\$140.00	\$18,480.00	\$170.00	\$22,440.00	(\$3,960.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	42,700.00	\$0.25	\$10,675.00	\$1.00	\$42,700.00	(\$32,025.00)
403.19	HBP-TEMPORARY	TON	1,500.00	\$95.00	\$142,500.00	\$150.00	\$225,000.00	(\$82,500.00)
403.21053	HBP-3/8", MACHINE METHOD (BRIDGE BASE)	TON	1,020.00	\$100.00	\$102,000.00	\$170.00	\$173,400.00	(\$71,400.00)
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	18,215.00	\$0.25	\$4,553.75	\$0.75	\$13,661.25	(\$9,107.50)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,600.00	\$4.50	\$16,200.00	\$9.50	\$34,200.00	(\$18,000.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	35,000.00	\$2.25	\$78,750.00	\$1.80	\$63,000.00	\$15,750.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	7,950.00	\$2.00	\$15,900.00	\$2.50	\$19,875.00	(\$3,975.00)



PS&E Comparison

MANCHESTER - HOOKSETT

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X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$250,000.00	\$250,000.00	\$150,000.00	\$150,000.00	\$100,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$375,000.00	\$375,000.00	\$200,000.00	\$200,000.00	\$175,000.00
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$147,000.00	\$147,000.00	\$100,000.00	\$100,000.00	\$47,000.00
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$190,000.00	\$190,000.00	\$75,000.00	\$75,000.00	\$115,000.00
502.105	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$160,000.00	\$160,000.00	\$75,000.00	\$75,000.00	\$85,000.00
503.201	COFFERDAMS	U	1.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00	(\$20,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	152.00	\$75.00	\$11,400.00	\$45.00	\$6,840.00	\$4,560.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	4,100.00	\$20.00	\$82,000.00	\$18.00	\$73,800.00	\$8,200.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	10,200.00	\$20.00	\$204,000.00	\$18.00	\$183,600.00	\$20,400.00
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,300.00	\$20.00	\$26,000.00	\$18.00	\$23,400.00	\$2,600.00
511.0004	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,510.00	\$20.00	\$30,200.00	\$18.00	\$27,180.00	\$3,020.00
511.0005	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,330.00	\$20.00	\$26,600.00	\$18.00	\$23,940.00	\$2,660.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	1,465.00	\$350.00	\$512,750.00	\$400.00	\$586,000.00	(\$73,250.00)
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	660.00	\$860.00	\$567,600.00	\$600.00	\$396,000.00	\$171,600.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	55.00	\$1,200.00	\$66,000.00	\$1,000.00	\$55,000.00	\$11,000.00
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	5.00	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00	\$2,500.00

PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
512.0203	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	5.00	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00	\$2,500.00
512.0204	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	5.00	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00	\$2,500.00
512.0205	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	10.00	\$1,500.00	\$15,000.00	\$1,000.00	\$10,000.00	\$5,000.00
520.01	CONCRETE CLASS AA	CY	166.00	\$550.00	\$91,300.00	\$1,000.00	\$166,000.00	(\$74,700.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	352.00	\$1,500.00	\$528,000.00	\$1,600.00	\$563,200.00	(\$35,200.00)
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	17.00	\$1,200.00	\$20,400.00	\$1,600.00	\$27,200.00	(\$6,800.00)
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	140.00	\$2,000.00	\$280,000.00	\$1,600.00	\$224,000.00	\$56,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	245.00	\$100.00	\$24,500.00	\$85.00	\$20,825.00	\$3,675.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	17,915.00	\$14.00	\$250,810.00	\$20.00	\$358,300.00	(\$107,490.00)
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	1,474.00	\$40.00	\$58,960.00	\$40.00	\$58,960.00	\$0.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	7,730.00	\$25.00	\$193,250.00	\$20.00	\$154,600.00	\$38,650.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	608.00	\$10.00	\$6,080.00	\$18.00	\$10,944.00	(\$4,864.00)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	54,751.00	\$2.00	\$109,502.00	\$2.00	\$109,502.00	\$0.00
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	4,365.00	\$4.60	\$20,079.00	\$5.00	\$21,825.00	(\$1,746.00)
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$1,500.00	\$1,500.00	\$15,000.00	\$15,000.00	(\$13,500.00)
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	92.00	\$100.00	\$9,200.00	\$100.00	\$9,200.00	\$0.00



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
559.4102	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	89.00	\$100.00	\$8,900.00	\$100.00	\$8,900.00	\$0.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	63.00	\$600.00	\$37,800.00	\$700.00	\$44,100.00	(\$6,300.00)
560.1002	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	63.00	\$600.00	\$37,800.00	\$700.00	\$44,100.00	(\$6,300.00)
560.1003	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	102.00	\$600.00	\$61,200.00	\$700.00	\$71,400.00	(\$10,200.00)
560.1004	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	63.00	\$600.00	\$37,800.00	\$700.00	\$44,100.00	(\$6,300.00)
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$700.00	\$44,100.00	\$0.00
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	63.00	\$700.00	\$44,100.00	\$700.00	\$44,100.00	\$0.00
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	92.00	\$700.00	\$64,400.00	\$700.00	\$64,400.00	\$0.00
561.1004	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	83.00	\$700.00	\$58,100.00	\$700.00	\$58,100.00	\$0.00
561.1005	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	74.00	\$700.00	\$51,800.00	\$700.00	\$51,800.00	\$0.00
561.1006	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	65.00	\$700.00	\$45,500.00	\$700.00	\$45,500.00	\$0.00
561.1007	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	96.00	\$700.00	\$67,200.00	\$700.00	\$67,200.00	\$0.00
561.1008	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	93.00	\$700.00	\$65,100.00	\$700.00	\$65,100.00	\$0.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	64.00	\$1,500.00	\$96,000.00	\$1,200.00	\$76,800.00	\$19,200.00
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	66.00	\$1,500.00	\$99,000.00	\$1,200.00	\$79,200.00	\$19,800.00



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
562.1	SILICONE JOINT SEALANT (F)	LF	530.00	\$35.00	\$18,550.00	\$25.00	\$13,250.00	\$5,300.00
563.001	BRIDGE RAIL ANCHORAGE	EA	12.00	\$700.00	\$8,400.00	\$250.00	\$3,000.00	\$5,400.00
563.02	STEEL POST ASSEMBLY FOR T2 RAIL	EA	29.00	\$1,100.00	\$31,900.00	\$750.00	\$21,750.00	\$10,150.00
563.073	ALUMINUM POST ASSEMBLY FOR F RAIL (3-BAR)	EA	6.00	\$1,200.00	\$7,200.00	\$750.00	\$4,500.00	\$2,700.00
563.81	REHABILITATION OF BRIDGE RAIL	LF	112.00	\$225.00	\$25,200.00	\$1,200.00	\$134,400.00	(\$109,200.00)
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	2.00	\$3,500.00	\$7,000.00	\$800.00	\$1,600.00	\$5,400.00
565.92	BRIDGE APPROACH RAIL, ASYMMETRICAL THRIE BEAM TRANSITION (STEEL POSTS)	U	1.00	\$1,000.00	\$1,000.00	\$3,250.00	\$3,250.00	(\$2,250.00)
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	66.00	\$110.00	\$7,260.00	\$30.00	\$1,980.00	\$5,280.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$500.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	1.00	\$900.00	\$900.00	\$1,500.00	\$1,500.00	(\$600.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	1,350.00	\$42.00	\$56,700.00	\$30.00	\$40,500.00	\$16,200.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,660.00	\$46.50	\$77,190.00	\$60.00	\$99,600.00	(\$22,410.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	375.00	\$45.00	\$16,875.00	\$64.00	\$24,000.00	(\$7,125.00)
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$4,200.00	\$8,400.00	\$8,000.00	\$16,000.00	(\$7,600.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	3.00	\$5,500.00	\$16,500.00	\$8,000.00	\$24,000.00	(\$7,500.00)
607.996	TEMPORARY CHAIN LINK FENCE, 6' HIGH	LF	450.00	\$15.00	\$6,750.00	\$50.00	\$22,500.00	(\$15,750.00)



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
608.12	2" BITUMINOUS SIDEWALK (F)	SY	50.00	\$50.00	\$2,500.00	\$75.00	\$3,750.00	(\$1,250.00)
608.28	8" CONCRETE SIDEWALK (F)	SY	1,200.00	\$60.00	\$72,000.00	\$75.00	\$90,000.00	(\$18,000.00)
609.01	STRAIGHT GRANITE CURB	LF	360.00	\$25.00	\$9,000.00	\$50.00	\$18,000.00	(\$9,000.00)
609.21	STRAIGHT GRANITE SLOPE CURB	LF	440.00	\$22.00	\$9,680.00	\$35.00	\$15,400.00	(\$5,720.00)
609.23	CURVED GRANITE SLOPE CURB	LF	5.00	\$90.00	\$450.00	\$110.00	\$550.00	(\$100.00)
609.5	RESET GRANITE CURB	LF	80.00	\$15.00	\$1,200.00	\$80.00	\$6,400.00	(\$5,200.00)
609.55	RESET GRANITE CURB (BRIDGE)	LF	192.00	\$50.00	\$9,600.00	\$80.00	\$15,360.00	(\$5,760.00)
614.523	MOLDED PULL BOX 17"X30"	EA	1.00	\$890.00	\$890.00	\$650.00	\$650.00	\$240.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	10.00	\$35.00	\$350.00	\$18.00	\$180.00	\$170.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	100.00	\$50.00	\$5,000.00	\$22.00	\$2,200.00	\$2,800.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	80.00	\$114.00	\$9,120.00	\$250.00	\$20,000.00	(\$10,880.00)
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$170.00	\$340.00	\$370.00	\$740.00	(\$400.00)
616.1711	PORTABLE TRAFFIC SIGNAL (PTS) SYSTEM (MONTH)	MON	4.00	\$6,000.00	\$24,000.00	\$7,000.00	\$28,000.00	(\$4,000.00)
616.19101	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00
616.19102	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00	(\$2,200.00)
616.19103	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,350.00	\$2,350.00	\$2,500.00	\$2,500.00	(\$150.00)
616.19104	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00	(\$200.00)



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	(\$15,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	1.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$0.00
618.7	FLAGGERS	HR	500.00	\$36.00	\$18,000.00	\$34.65	\$17,325.00	\$675.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$130,000.00	\$130,000.00	\$250,000.00	\$250,000.00	(\$120,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	6.00	\$10,000.00	\$60,000.00	\$6,500.00	\$39,000.00	\$21,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$9,500.00	\$19,000.00	\$10,000.00	\$20,000.00	(\$1,000.00)
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	4.00	\$700.00	\$2,800.00	\$450.00	\$1,800.00	\$1,000.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	8.00	\$1,100.00	\$8,800.00	\$900.00	\$7,200.00	\$1,600.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	144.00	\$515.00	\$74,160.00	\$645.00	\$92,880.00	(\$18,720.00)
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	216.00	\$675.00	\$145,800.00	\$865.00	\$186,840.00	(\$41,040.00)
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	72.00	\$1,100.00	\$79,200.00	\$1,200.00	\$86,400.00	(\$7,200.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$45,000.00	\$90,000.00	\$5,000.00	\$10,000.00	\$80,000.00
619.91	RELOCATE WORK ZONE ITS DEVICE	U	5.00	\$250.00	\$1,250.00	\$400.00	\$2,000.00	(\$750.00)
621.31	SINGLE DELINEATOR WITH POST	EA	10.00	\$65.00	\$650.00	\$50.00	\$500.00	\$150.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,847.00	\$2.00	\$3,694.00	\$3.50	\$6,464.50	(\$2,770.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING. 4" LINE	LF	9,240.00	\$0.25	\$2,310.00	\$0.30	\$2,772.00	(\$462.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING. 6" LINE	LF	131,380.00	\$0.25	\$32,845.00	\$0.26	\$34,158.80	(\$1,313.80)



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	10,210.00	\$0.35	\$3,573.50	\$0.26	\$2,654.60	\$918.90
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 4" LINE	LF	5,660.00	\$2.00	\$11,320.00	\$2.20	\$12,452.00	(\$1,132.00)
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 6" LINE	LF	28,230.00	\$2.95	\$83,278.50	\$2.50	\$70,575.00	\$12,703.50
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 12" LINE	LF	4,110.00	\$5.95	\$24,454.50	\$3.25	\$13,357.50	\$11,097.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 18" LINE	LF	30.00	\$10.00	\$300.00	\$4.30	\$129.00	\$171.00
632.1304	BLACKOUT PAVEMENT MARKING TAPE, TYPE (REMOVABLE), 4" LINE	LF	9,710.00	\$2.50	\$24,275.00	\$2.25	\$21,847.50	\$2,427.50
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE (REMOVABLE), 6" LINE	LF	440.00	\$3.75	\$1,650.00	\$3.00	\$1,320.00	\$330.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,790.00	\$2.00	\$3,580.00	\$4.00	\$7,160.00	(\$3,580.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	3,950.00	\$5.00	\$19,750.00	\$6.00	\$23,700.00	(\$3,950.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	106,690.00	\$0.55	\$58,679.50	\$0.70	\$74,683.00	(\$16,003.50)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,385.00	\$5.50	\$7,617.50	\$5.00	\$6,925.00	\$692.50
645.531	SILT FENCE	LF	1,425.00	\$3.00	\$4,275.00	\$4.50	\$6,412.50	(\$2,137.50)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	13,050.00	\$0.75	\$9,787.50	\$4.50	\$58,725.00	(\$48,937.50)
647.1	HUMUS	CY	730.00	\$32.00	\$23,360.00	\$50.00	\$36,500.00	(\$13,140.00)
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$38,000.00	\$38,000.00	\$30,000.00	\$30,000.00	\$8,000.00



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$55,000.00	\$55,000.00	\$50,000.00	\$50,000.00	\$5,000.00
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$17,000.00	\$17,000.00	\$10,000.00	\$10,000.00	\$7,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	4.00	\$10,000.00	\$40,000.00	\$10,000.00	\$40,000.00	\$0.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$17,500.00	\$17,500.00	\$25,000.00	\$25,000.00	(\$7,500.00)
677.4101	CCTV SYSTEM	U	1.00	\$45,000.00	\$45,000.00	\$60,000.00	\$60,000.00	(\$15,000.00)
678.71	RESET IMPACT ATTENUATION DEVICE	U	1.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	(\$15,000.00)
692.	MOBILIZATION	U	1.00	\$185,000.00	\$185,000.00	\$753,249.00	\$753,249.00	(\$568,249.00)
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1.00	\$600.00	\$600.00	\$600.00	\$600.00	\$0.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	(\$2,000.00)
698.12	FIELD OFFICE TYPE B	MON	20.00	\$2,500.00	\$50,000.00	\$2,000.00	\$40,000.00	\$10,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1002.13	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1002.14	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00



PS&E Comparison

MANCHESTER - HOOKSETT

41475

X-A004(648)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1002.15	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$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
1008.946	ALTERATIONS AND ADDITIONS AS NEEDED - MVDS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$0.00
1008.951	ALTERATIONS AND ADDITIONS AS NEEDED - ITS CABINET EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	7,500.00	\$1.00	\$7,500.00	\$1.00	\$7,500.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
Total:					\$8,388,454.75		\$8,928,952.65	(\$540,497.90)

August 31, 2020

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project performs maintenance and preservation work on 5 bridges in: Manchester (127/122, I-93 SB over Stevens Pond; 124/119 Viaduct, I-93 SB over Steven Pond; 119/115, I-93 over Wellington Rd; & 102/108, NH 28A over I-93) and Hooksett (095/048, I-93 SB over US 3/NH 28). Work begins approximately at I-93 MM 21.3 and extends north approximately 3 miles. Major bridge work consists of removal and replacement of the deck asphalt and membrane, partial and full depth concrete deck repairs, abutment concrete repairs, expansion joint replacement and select bridge rail repairs. Permanent ITS is also being installed at approximately MM 25.8.

FEDERAL FUNDING: 80% (Bridge-T1-2 Maintenance-Preservation and Bridge-HIB Maintenance and Preservation) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The proposed contingency amount is 6% of the contract amount. This work rehabilitates a bridge that has not seen preservation work. The wingwalls, abutments and backwalls are heavily map-cracked and while 50% of the surface was estimated as needing repair, the amount could be higher. In addition, the amount of deck estimated for repair is based on the condition of the asphalt covering the deck. The full extent of the necessary repairs on both the wall/abutment surfaces and the deck won't be known until the wall can be sounded and the deck exposed by removing the existing asphalt and membrane.

PROJECT INITIATED: State's 10-Year Transportation Improvement Program.

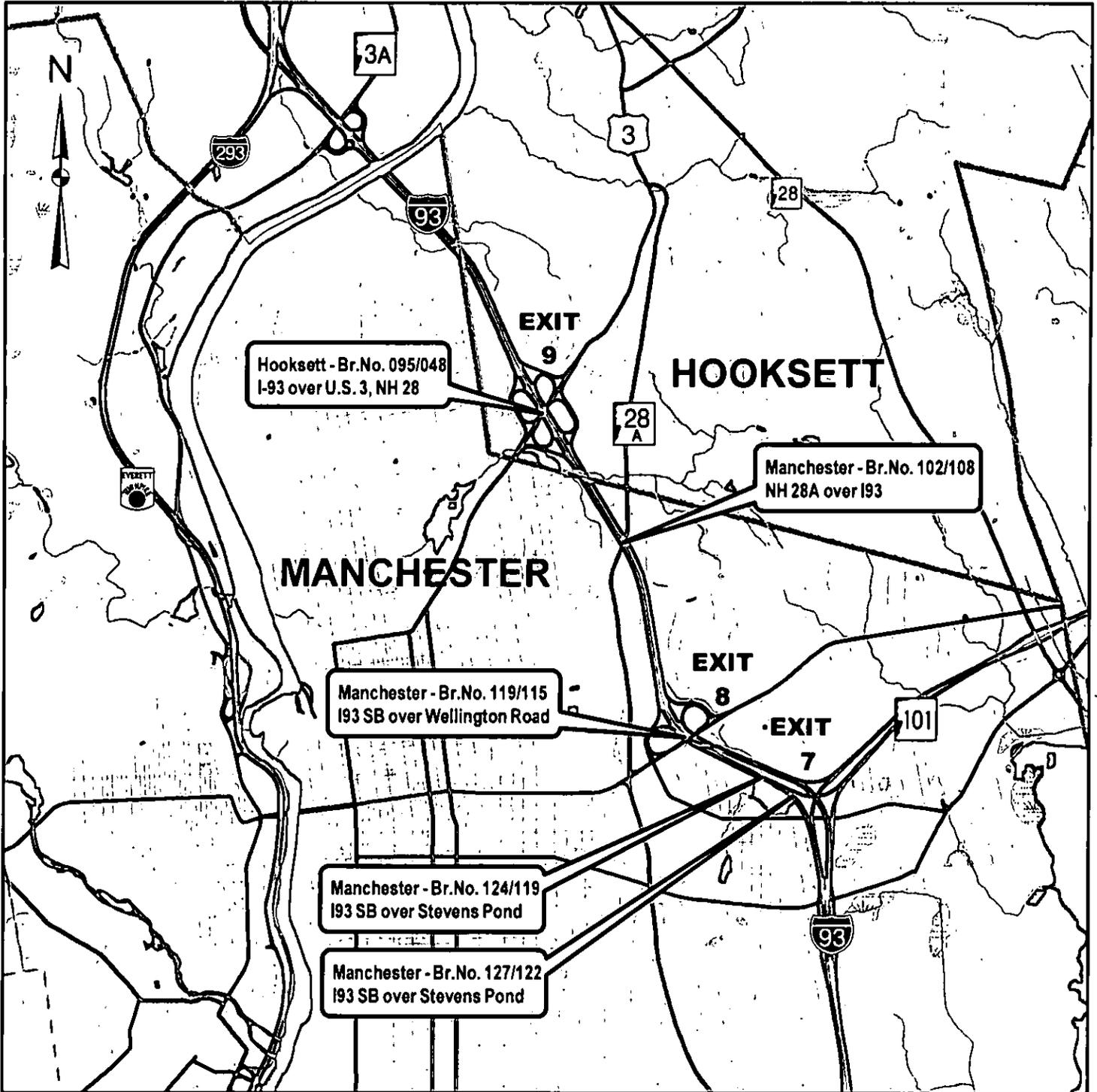
PROJECT EXPLANATION: This bridge is currently #15 on the Maintenance and Preservation priority list and this work is intended to extend the bridge service life before full deck replacement is needed.

TRAFFIC IMPLICATION: Bridge work for the 5 bridges has been assigned to specific seasons for this two season project. Work in Year 1 will be done at the Hooksett 095/048 (US 3), Manchester 102/108 (Mammoth Rd) and Manchester 127/122 (Stevens Pond Bridge) bridges and Year 2 at Manchester 119/115 (Wellington Rd) and Manchester 124/119 (Stevens Pond Viaduct). This is to allow the 43071 paving project to pave from its northerly limits through Exit 9 in its first year (2022) and allow for efficient manpower usage by the Contractor over the two seasons (balancing the bridge deck square footage).

- Hooksett 095/048 – I-93SB over US 3/NH28 (Exit 9): This bridge is far enough away from the other I-93 corridor bridges that it will have its own traffic control zone. I-93 lane drop from 3 lanes to 2 north of the bridge maintaining 11'-0" lanes (25'-0" curb to barrier, minimum) through two phases of work. A third lane will be maintained during each phase dedicated to the on-ramp/off-ramp weave lane. Both phases will require temporary gore reconstruction to facilitate traffic control at ramps immediately adjacent to bridge.
- Manchester 102/108 – NH28A over I-93 (Mammoth Road): Two phase construction maintaining 1 lane in each direction during phase 1 and utilizing one-lane, alternating 2-way traffic with temporary signals in phase 2. Pedestrian access maintained during both phases of work. "Do Not Block Intersection" signs/stripping at intersections on both approaches rather than including additional signals or phases. Minimum lane width will be: Phase 1 – 11'-0" (25'-0" curb to barrier) and Phase 2 – 10'-0" (12'-6" curb to barrier)
- Manchester 119/115 – I-93 SB over Wellington Road and Manchester 124/119 – I-93 SB over Stevens Pond (viaduct): I-93 lane drop from 3 lanes to 2, north of the Wellington Road bridge and Exit 8, I-93 SB on-ramp will be closed during this work. Two 11'-0" lanes (25'-0" curb to barrier min.) maintained through work zone during two phases of work with left lane also serving as queueing for left exit onto NH 101 EB immediately south of the viaduct bridge. Temporary gore reconstruction with cofferdam required at Exit 7 to facilitate traffic control. NH 101 EB at Exit 7 provides single lane (11'-0" min.) through the gore of exit in both phases.
- Manchester 127/122 – I-93 SB over Stevens Pond (bridge): I-93 lane drop from 3 lanes to 2, north of the bridge maintaining two 11'-0" lanes (25'-0" curb to barrier) through two phases of work. Viaduct bridge immediately north of work zone maintains three lanes of traffic with left most lane signed for NH 101 EB traffic only during both phases of work. NH 101 EB at Exit 7 provides one lane through gore of exit.

FINAL COMPLETION DATE: October 28, 2022.

41475 - MANCHESTER - HOOKSETT



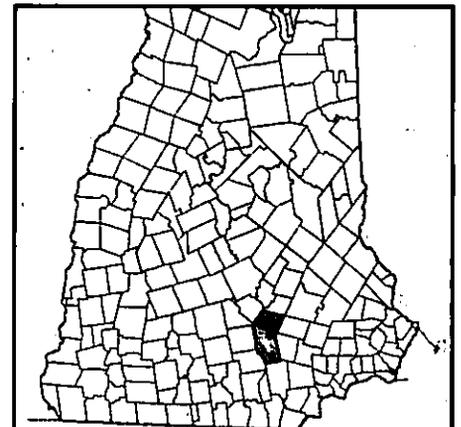
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 41475
 Federal #: X-A004 (648)

LOCATION MAP





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/16/2020

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																				
	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Travelers</td> <td></td> <td>28188</td> </tr> <tr> <td>INSURER B: Crum & Forster</td> <td></td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A: Travelers		28188	INSURER B: Crum & Forster			INSURER C:			INSURER D:			INSURER E:			INSURER F:	
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INSURER E:																					
INSURER F:																					
INSURED R. S. Audley, Inc. 1113 Route 3-A Bow NH 03304																					

COVERAGES CERTIFICATE NUMBER: 20-21 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	ADOL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CG0001 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC			DT-CO-5G429382-PHX-20	1/1/2020	1/1/2021	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
	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			810-0P587210-20-26-G	1/1/2020	1/1/2021	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	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			DTSM-CUP-5G429401-TIL-20	1/1/2020	1/1/2021	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 P/C O Aggregate \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	MA States: NH, ME JB-8L596091-20-26-G COF USL&H Coverage applies	1/1/2020	1/1/2021	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER EL EACH ACCIDENT \$ 500,000 EL DISEASE - EA EMPLOYEE \$ 500,000 EL DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented			QT-660-3082B427-COF-20	1/1/2020	1/1/2021	Lime 775,000
B	Pollution			PKC100765	2/18/2020	2/18/2021	Per Claim/Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
41475 ; X-A004(648) Address Preservation needs on 5 bridges in Hooksett & Manchester on and over I-93 SB.
Only when required by written contract State of New Hampshire DOT is included as an additional insured under general liability 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 <i>Christine Holman</i>
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