

slaw



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION

58



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  
October 23, 2023

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with E.D. Swett, Inc. (Vendor 154176) of Concord, NH, on the basis of a low bid of \$10,099,519.60, for bridge preservation of five (5) bridges on I-93 northbound in Manchester and Hooksett, from the date of Governor and Council approval through October 3, 2025 (Project: Manchester-Hooksett #42753), unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2024 and 2025, and is anticipated to be available in State Fiscal Year 2026, as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>
04-96-96-963515-3054			
Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$4,282,196.35	\$4,362,992.52	\$1,454,330.73

2. Further authorize that a contingency in the amount of \$605,971.18 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 2026</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$605,971.18

**EXPLANATION**

This project is part of the State's Ten-Year Transportation Improvement Plan, under the Bridge-T1-2 Maintenance-Preservation and Bridge-HIB Maintenance Preservation Programs. This 2-construction season project performs maintenance and preservation work on 5 bridges on I-93 (listed below). Work in each season will be done in 2 construction phases. Bridge work by season shown in *Traffic Implication* section below. Work zone starts near MM 20.85 on I-93 NB and extends north approximately 3.5 miles. Major bridge work: removal and replacement of the deck asphalt and membrane, partial and full depth concrete deck repairs, abutment/pier concrete repairs, expansion joint replacement, bearing replacement (1 bridge) and select bridge rail/coping repairs. A Closed-Circuit TV pole and Overhead Sign Structure (bridge) are also being installed at Exit 7.

Based on the draft 2021 M&P – T1-2 and HIB-M&P priority lists, the following priority rankings have been assigned to the bridges in the project:

- 128/126, I-93 NB over Bridge Street: No ranking;
- 126/126 I-93 NB over SBE/NH 101 WB: #31 (HIB);
- 123/118, I-93 NB over Stevens Pond: #11 (HIB);
- 118/117, I-93 NB over Wellington Rd: #20 (T1-2);
- 096/049, I-93 NB over US 3/NH 28: #90 (T1-2).

The purpose of this project is to preserve and extend the life of these existing bridges and keep them off the State redlist.

The proposed contingency amount is 6% of the contract amount. For preservation work, the amount of deck estimated for repair is based on the condition of the asphalt covering the deck and field observations of substructure elements, often from a distance. The full extent of the necessary repairs on both the deck and substructure surfaces will not be known until the surfaces can be fully exposed (i.e., removal of existing asphalt and membrane) and sounded or more closely accessed.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is: 80% Federal funds (Bridge-T1-2 Maintenance-Preservation and Bridge-HIB Maintenance-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,



William J. Cass, P.E.  
Commissioner

WJC/pcj

Department Estimate:	\$10,238,191.37
Contract Amount:	<u>\$10,099,519.60</u>
Under Estimate:	\$ 138,671.77
Attachments	



# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

**PROJECT:** MANCHESTER-HOOKSETT  
**STATE PROJECT NUMBER:** 42753  
**FED. PROJECT NUMBER:** X-A004(960)  
**DATE BIDS OPEN:** October 19, 2023, 2:00  
**SCOPE OF WORK:** Address Preservation needs on 5 bridges in Manchester & Hooksett on I-93 NB.  
**COMPLETION DATE:** October 03, 2025  
**LOCATION:** Merrimack, District 5, Hillsborough

**Awarded To:** SWETT, E. D. INC.  
 8 INDUSTRIAL PARK DR  
 CONCORD, NH 03301-8512

**Amount:** \$10,099,519.60  
**Award Date:**

**Certified by:** WILLIAM.J.OLDENBURG  
Director of Project Development

## Summary of Bidders

Contractor	Bid Amount	Rank
SWETT, E. D. INC. 8 INDUSTRIAL PARK DR, CONCORD NH 03301-8512	\$10,099,519.60	A
EVROKS CORPORATION 23 INDUSTRIAL DRIVE, NORTHFIELD NH 03276	\$10,487,299.60	B
AUDLEY, R. S. INC. 1113 ROUTE 3A, BOW NH 03304-4025	\$10,927,400.00	C

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.1	CLEARING AND GRUBBING (F)	A	.25	\$40,000.00	\$10,000.00	\$40,000.00	\$10,000.00	\$92,000.00	\$23,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	420.00	\$3.00	\$1,260.00	\$15.00	\$6,300.00	\$10.00	\$4,200.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	860.00	\$3.00	\$2,580.00	\$20.00	\$17,200.00	\$10.00	\$8,600.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$700.00	\$700.00	\$500.00	\$500.00	\$6,150.00	\$6,150.00
203.1	COMMON EXCAVATION	CY	50.00	\$20.00	\$1,000.00	\$50.00	\$2,500.00	\$75.00	\$3,750.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	3.00	\$1,115.00	\$3,345.00	\$800.00	\$2,400.00	\$3,050.00	\$9,150.00
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	6.00	\$1,500.00	\$9,000.00	\$800.00	\$4,800.00	\$3,050.00	\$18,300.00
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	3.00	\$1,115.00	\$3,345.00	\$800.00	\$2,400.00	\$3,050.00	\$9,150.00
203.5562	EAGRT PLATFORM ALTERNATE	U	1.00	\$1,800.00	\$1,800.00	\$1,600.00	\$1,600.00	\$4,000.00	\$4,000.00
206.1	COMMON STRUCTURE EXCAVATION	CY	260.00	\$56.42	\$14,669.20	\$45.00	\$11,700.00	\$108.00	\$28,080.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$75.00	\$1,125.00	\$125.00	\$1,875.00	\$250.00	\$3,750.00
206.2	ROCK STRUCTURE EXCAVATION	CY	30.00	\$90.41	\$2,712.30	\$300.00	\$9,000.00	\$375.00	\$11,250.00
209.1	GRANULAR BACKFILL	CY	60.00	\$75.00	\$4,500.00	\$50.00	\$3,000.00	\$89.00	\$5,340.00
304.301	CRUSHED GRAVEL	CY	183.00	\$80.00	\$14,640.00	\$60.00	\$10,980.00	\$125.00	\$22,875.00
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	9,500.00	\$95.00	\$902,500.00	\$107.00	\$1,016,500.00	\$125.00	\$1,187,500.00
403.12	HBP-HAND METHOD	TON	152.00	\$300.00	\$45,600.00	\$172.00	\$26,144.00	\$325.00	\$49,400.00
403.16	PAVEMENT JOINT ADHESIVE	LF	70,000.00	\$0.25	\$17,500.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
403.19	HBP-TEMPORARY	TON	800.00	\$95.00	\$76,000.00	\$102.00	\$81,600.00	\$115.00	\$92,000.00
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	763.00	\$200.00	\$152,600.00	\$145.00	\$110,635.00	\$154.00	\$117,502.00
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	4,825.00	\$0.25	\$1,206.25	\$1.00	\$4,825.00	\$1.00	\$4,825.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	9,500.00	\$2.78	\$26,410.00	\$3.10	\$29,450.00	\$3.00	\$28,500.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	6,500.00	\$5.00	\$32,500.00	\$5.25	\$34,125.00	\$5.25	\$34,125.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	92,268.00	\$3.00	\$276,804.00	\$3.20	\$295,257.60	\$3.00	\$276,804.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	13,000.00	\$2.50	\$32,500.00	\$4.00	\$52,000.00	\$3.75	\$48,750.00

# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$223,000.00	\$223,000.00	\$95,000.00	\$95,000.00	\$100,000.00	\$100,000.00
502.10121	REMOVAL AND DISPOSAL OF EXISTING BRIDGE STRUCTURE (ACM - BACKWALL)	SY	11.00	\$8,000.00	\$88,000.00	\$9,000.00	\$99,000.00	\$1,500.00	\$16,500.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$348,000.00	\$348,000.00	\$195,000.00	\$195,000.00	\$286,000.00	\$286,000.00
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$323,000.00	\$323,000.00	\$175,000.00	\$175,000.00	\$300,000.00	\$300,000.00
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$273,000.00	\$273,000.00	\$160,000.00	\$160,000.00	\$200,000.00	\$200,000.00
502.312	CONCRETE HAUNCH SOUNDING WITH DOCUMENTATION	LF	1,460.00	\$10.00	\$14,600.00	\$30.00	\$43,800.00	\$4.91	\$7,168.60
503.201	COFFERDAMS	U	1.00	\$60,000.00	\$60,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
503.202	COFFERDAMS	U	1.00	\$115,000.00	\$115,000.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	178.00	\$50.00	\$8,900.00	\$100.00	\$17,800.00	\$50.00	\$8,900.00
508.	STRUCTURAL FILL	CY	30.00	\$102.50	\$3,075.00	\$60.00	\$1,800.00	\$125.00	\$3,750.00
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	38.00	\$30.00	\$1,140.00	\$65.00	\$2,470.00	\$100.00	\$3,800.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	3,051.00	\$30.00	\$91,530.00	\$15.00	\$45,765.00	\$20.00	\$61,020.00
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	8,550.00	\$30.00	\$256,500.00	\$8.00	\$68,400.00	\$20.00	\$171,000.00
511.0004	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,520.00	\$30.00	\$45,600.00	\$18.00	\$27,360.00	\$22.00	\$33,440.00
511.0005	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,330.00	\$30.00	\$39,900.00	\$20.00	\$26,600.00	\$22.00	\$29,260.00
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	578.00	\$350.00	\$202,300.00	\$225.00	\$130,050.00	\$200.00	\$115,600.00
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	461.00	\$675.00	\$311,175.00	\$500.00	\$230,500.00	\$400.00	\$184,400.00
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	8.00	\$1,000.00	\$8,000.00	\$450.00	\$3,600.00	\$2,300.00	\$18,400.00
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	6.00	\$1,000.00	\$6,000.00	\$450.00	\$2,700.00	\$1,000.00	\$6,000.00
512.0203	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	45.00	\$1,000.00	\$45,000.00	\$900.00	\$40,500.00	\$2,300.00	\$103,500.00
512.0204	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	12.00	\$1,000.00	\$12,000.00	\$450.00	\$5,400.00	\$1,000.00	\$12,000.00
512.0205	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	9.00	\$1,000.00	\$9,000.00	\$450.00	\$4,050.00	\$1,000.00	\$9,000.00
520.01	CONCRETE CLASS AA	CY	65.00	\$800.00	\$52,000.00	\$1,250.00	\$81,250.00	\$400.00	\$26,000.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	135.00	\$1,500.00	\$202,500.00	\$3,250.00	\$438,750.00	\$3,000.00	\$405,000.00
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	12.00	\$2,000.00	\$24,000.00	\$4,000.00	\$48,000.00	\$4,300.00	\$51,600.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	95.00	\$2,000.00	\$190,000.00	\$2,300.00	\$218,500.00	\$715.00	\$67,925.00

# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
520.2	CONCRETE CLASS B	CY	70.00	\$575.13	\$40,259.10	\$900.00	\$63,000.00	\$550.00	\$38,500.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	197.00	\$100.00	\$19,700.00	\$125.00	\$24,625.00	\$175.00	\$34,475.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	140.00	\$60.00	\$8,400.00	\$125.00	\$17,500.00	\$95.00	\$13,300.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	38.00	\$35.00	\$1,330.00	\$175.00	\$6,650.00	\$200.00	\$7,600.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	14,451.00	\$20.00	\$289,020.00	\$25.00	\$361,275.00	\$30.00	\$433,530.00
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	440.00	\$45.00	\$19,800.00	\$70.00	\$30,800.00	\$53.00	\$23,320.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	5,300.00	\$25.00	\$132,500.00	\$30.00	\$159,000.00	\$15.00	\$79,500.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	350.00	\$10.00	\$3,500.00	\$30.00	\$10,500.00	\$15.00	\$5,250.00
544.1	REINFORCING STEEL (ROADWAY)	LB	6,100.00	\$1.78	\$10,858.00	\$2.00	\$12,200.00	\$2.50	\$15,250.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	40,300.00	\$3.00	\$120,900.00	\$2.50	\$100,750.00	\$3.00	\$120,900.00
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,200.00	\$5.00	\$6,000.00	\$6.00	\$7,200.00	\$6.00	\$7,200.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$5,000.00	\$90,000.00	\$6,000.00	\$108,000.00	\$6,000.00	\$108,000.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$162,400.00	\$162,400.00	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	438.00	\$130.00	\$56,940.00	\$125.00	\$54,750.00	\$130.00	\$56,940.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	70.00	\$1,000.00	\$70,000.00	\$895.00	\$62,650.00	\$900.00	\$63,000.00
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	65.00	\$1,150.00	\$74,750.00	\$1,050.00	\$68,250.00	\$900.00	\$58,500.00
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	119.00	\$1,150.00	\$136,850.00	\$925.00	\$110,075.00	\$1,000.00	\$119,000.00
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	96.00	\$1,150.00	\$110,400.00	\$900.00	\$86,400.00	\$1,000.00	\$96,000.00
561.1301	PREFABRICATED STRIP SEAL EXPANSION JOINT REHABILITATION (F)	LF	75.00	\$350.00	\$26,250.00	\$200.00	\$15,000.00	\$200.00	\$15,000.00
561.2301	PREFABRICATED MODULAR BRIDGE JOINT SYSTEM - REHABILITATION (F)	LF	163.00	\$350.00	\$57,050.00	\$200.00	\$32,600.00	\$200.00	\$32,600.00
561.30	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	65.00	\$1,850.00	\$120,250.00	\$2,750.00	\$178,750.00	\$2,800.00	\$182,000.00
562.1	SILICONE JOINT SEALANT (F)	LF	650.00	\$30.00	\$19,500.00	\$26.50	\$17,225.00	\$30.00	\$19,500.00
563.0015	STEEL RAIL POST ANCHORAGE	EA	12.00	\$550.00	\$6,600.00	\$350.00	\$4,200.00	\$1,000.00	\$12,000.00
563.02	STEEL POST ASSEMBLY FOR T2 RAIL	EA	2.00	\$900.00	\$1,800.00	\$625.00	\$1,250.00	\$2,000.00	\$4,000.00
563.8	RESETTING BRIDGE RAIL	LF	220.00	\$150.00	\$33,000.00	\$150.00	\$33,000.00	\$85.00	\$18,700.00

# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
563.81	REHABILITATION OF BRIDGE RAIL	LF	150.00	\$240.00	\$36,000.00	\$100.00	\$15,000.00	\$120.00	\$18,000.00
563.95	SNOW SCREENING FOR OVERPASS STRUCTURES	LF	84.00	\$250.00	\$21,000.00	\$75.00	\$6,300.00	\$150.00	\$12,600.00
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	1.00	\$3,100.00	\$3,100.00	\$4,000.00	\$4,000.00	\$12,150.00	\$12,150.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$500.00	\$1,500.00	\$700.00	\$2,100.00	\$2,100.00	\$6,300.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$4,200.00	\$4,200.00
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MASH MID-SPLICE)	U	1.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,950.00	\$1,950.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	200.00	\$40.00	\$8,000.00	\$35.00	\$7,000.00	\$34.00	\$6,800.00
606.413	SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST	LF	100.00	\$200.00	\$20,000.00	\$145.00	\$14,500.00	\$250.00	\$25,000.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	2,830.00	\$35.00	\$99,050.00	\$75.00	\$212,250.00	\$40.00	\$113,200.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,360.00	\$60.00	\$81,600.00	\$95.00	\$129,200.00	\$85.00	\$115,600.00
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$15,000.00	\$15,000.00
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	\$2,300.00	\$2,300.00	\$7,800.00	\$7,800.00	\$7,675.00	\$7,675.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	250.00	\$25.00	\$6,250.00	\$24.00	\$6,000.00	\$30.00	\$7,500.00
606.92	RESETTING ANCHORAGES	EA	2.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	5.00	\$3,000.00	\$15,000.00	\$10,000.00	\$50,000.00	\$7,050.00	\$35,250.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	225.00	\$150.00	\$33,750.00	\$90.00	\$20,250.00	\$100.00	\$22,500.00
609.01	STRAIGHT GRANITE CURB	LF	40.00	\$36.00	\$1,440.00	\$125.00	\$5,000.00	\$65.00	\$2,600.00
609.5	RESET GRANITE CURB	LF	950.00	\$90.00	\$85,500.00	\$24.00	\$22,800.00	\$42.00	\$39,900.00
609.55	RESET GRANITE CURB (BRIDGE)	LF	449.00	\$90.00	\$40,410.00	\$75.00	\$33,675.00	\$165.00	\$74,085.00
614.512	CONCRETE PULL BOX 18"	EA	5.00	\$1,200.00	\$6,000.00	\$1,800.00	\$9,000.00	\$1,750.00	\$8,750.00
614.523	MOLDED PULL BOX 17"X30"	EA	5.00	\$900.00	\$4,500.00	\$2,000.00	\$10,000.00	\$1,950.00	\$9,750.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	1,125.00	\$15.00	\$16,875.00	\$22.00	\$24,750.00	\$20.00	\$22,500.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,150.00	\$20.00	\$23,000.00	\$27.00	\$31,050.00	\$25.00	\$28,750.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	30.00	\$184.57	\$5,537.10	\$400.00	\$12,000.00	\$250.00	\$7,500.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	4.00	\$190.00	\$760.00	\$125.00	\$500.00	\$500.00	\$2,000.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$535.00	\$535.00	\$550.00	\$550.00	\$7,000.00	\$7,000.00

# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
615.0301	TRAFFIC SIGN TYPE C	SF	15.00	\$100.00	\$1,500.00	\$75.00	\$1,125.00	\$50.00	\$750.00
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	70.00	\$220.00	\$15,400.00	\$390.00	\$27,300.00	\$250.00	\$17,500.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$159.36	\$318.72	\$425.00	\$850.00	\$150.00	\$300.00
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$206,500.00	\$206,500.00	\$200,000.00	\$200,000.00	\$185,000.00	\$185,000.00
615.103	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$10,200.00	\$10,200.00	\$12,000.00	\$12,000.00	\$12,500.00	\$12,500.00
616.19101	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
616.19102	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	300,000.00	\$1.00	\$300,000.00	\$1.00	\$300,000.00	\$1.00	\$300,000.00
618.7	FLAGGERS	HR	100.00	\$46.00	\$4,600.00	\$60.00	\$6,000.00	\$65.00	\$6,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$300,000.00	\$300,000.00	\$875,000.00	\$875,000.00	\$845,000.00	\$845,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,500.00	\$6,000.00	\$4,000.00	\$16,000.00	\$9,225.00	\$36,900.00
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	4.00	\$1,100.00	\$4,400.00	\$1,200.00	\$4,800.00	\$700.00	\$2,800.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	20.00	\$1,100.00	\$22,000.00	\$900.00	\$18,000.00	\$350.00	\$7,000.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	30.00	\$550.00	\$16,500.00	\$650.00	\$19,500.00	\$500.00	\$15,000.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	110.00	\$800.00	\$88,000.00	\$750.00	\$82,500.00	\$700.00	\$77,000.00
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	30.00	\$1,200.00	\$36,000.00	\$1,100.00	\$33,000.00	\$1,100.00	\$33,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$7,500.00	\$15,000.00	\$7,500.00	\$15,000.00	\$23,000.00	\$46,000.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	10.00	\$40.00	\$400.00	\$50.00	\$500.00	\$75.00	\$750.00
628.1	SAWED CONCRETE PAVEMENT	LF	380.00	\$13.24	\$5,031.20	\$12.50	\$4,750.00	\$6.25	\$2,375.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	4,600.00	\$3.00	\$13,800.00	\$5.00	\$23,000.00	\$4.00	\$18,400.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	582.00	\$3.75	\$2,182.50	\$9.00	\$5,238.00	\$5.00	\$2,910.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	110,000.00	\$0.20	\$22,000.00	\$0.30	\$33,000.00	\$0.35	\$38,500.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	9,000.00	\$0.50	\$4,500.00	\$0.55	\$4,950.00	\$0.70	\$6,300.00
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	45,000.00	\$2.50	\$112,500.00	\$3.15	\$141,750.00	\$3.00	\$135,000.00
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	5,800.00	\$5.00	\$29,000.00	\$6.15	\$35,670.00	\$10.00	\$58,000.00
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	600.00	\$3.25	\$1,950.00	\$6.25	\$3,750.00	\$10.00	\$6,000.00

# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	10,500.00	\$3.25	\$34,125.00	\$2.00	\$21,000.00	\$1.95	\$20,475.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	14,000.00	\$5.00	\$70,000.00	\$4.10	\$57,400.00	\$4.00	\$56,000.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	142,500.00	\$1.00	\$142,500.00	\$0.38	\$54,150.00	\$0.35	\$49,875.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,200.00	\$6.00	\$19,200.00	\$12.00	\$38,400.00	\$12.00	\$38,400.00
645.531	SILT FENCE	LF	3,000.00	\$5.00	\$15,000.00	\$13.00	\$39,000.00	\$7.00	\$21,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,100.00	\$3.73	\$4,103.00	\$7.00	\$7,700.00	\$2.00	\$2,200.00
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$78,000.00	\$78,000.00	\$60,000.00	\$60,000.00	\$46,500.00	\$46,500.00
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$105,000.00	\$105,000.00	\$70,000.00	\$70,000.00	\$61,000.00	\$61,000.00
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00
670.04604	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$150,000.00	\$150,000.00	\$80,000.00	\$80,000.00	\$91,000.00	\$91,000.00
670.04605	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$135,000.00	\$135,000.00	\$100,000.00	\$100,000.00	\$112,000.00	\$112,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$10,000.00	\$20,000.00	\$15,000.00	\$30,000.00	\$5,575.00	\$11,150.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$75,000.00	\$75,000.00	\$18,000.00	\$18,000.00	\$16,500.00	\$16,500.00
677.4101	CCTV SYSTEM	U	1.00	\$23,000.00	\$23,000.00	\$180,000.00	\$180,000.00	\$180,000.00	\$180,000.00
677.54202	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$14,000.00	\$14,000.00	\$30,000.00	\$30,000.00	\$28,500.00	\$28,500.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00
677.9106	1-CONDUCTOR #6 AWG WIRE	LF	25.00	\$4.00	\$100.00	\$5.00	\$125.00	\$5.00	\$125.00
677.9301	3-CONDUCTOR #1 AWG CABLE	LF	100.00	\$11.00	\$1,100.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
677.9406	4-CONDUCTOR #6 AWG CABLE	LF	1,000.00	\$11.00	\$11,000.00	\$10.00	\$10,000.00	\$10.00	\$10,000.00
692.	MOBILIZATION	U	1.00	\$950,000.00	\$950,000.00	\$650,000.00	\$650,000.00	\$831,000.00	\$831,000.00
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00	\$1.00	\$600.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00
698.12	FIELD OFFICE TYPE B	MON	20.00	\$2,750.00	\$55,000.00	\$5,000.00	\$100,000.00	\$2,530.00	\$50,600.00
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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00

# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		EVROKS CORPORATION 23 INDUSTRIAL DRIVE NORTHFIELD, NH 03276	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1002.13	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1002.14	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1002.15	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.01	STEEL COST ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.15	FUEL ADJUSTMENT	\$	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
<b>Totals:</b>					<b>\$10,238,191.37</b>		<b>\$10,099,519.60</b>		<b>\$10,487,299.60</b>
<b>Alt. Totals:</b>									
<b>Totals:</b>					<b>\$10,238,191.37</b>		<b>\$10,099,519.60</b>		<b>\$10,487,299.60</b>



# ABC Bid Data

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

**Items**

201.1	CLEARING AND GRUBBING (F)	A	.25	\$40,000.00	\$10,000.00	\$35,760.00	\$8,940.00		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	420.00	\$3.00	\$1,260.00	\$12.00	\$5,040.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	860.00	\$3.00	\$2,580.00	\$12.00	\$10,320.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$700.00	\$700.00	\$2,500.00	\$2,500.00		
203.1	COMMON EXCAVATION	CY	50.00	\$20.00	\$1,000.00	\$55.00	\$2,750.00		
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	3.00	\$1,115.00	\$3,345.00	\$1,200.00	\$3,600.00		
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	6.00	\$1,500.00	\$9,000.00	\$1,200.00	\$7,200.00		
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	3.00	\$1,115.00	\$3,345.00	\$1,200.00	\$3,600.00		
203.5562	EAGRT PLATFORM ALTERNATE	U	1.00	\$1,800.00	\$1,800.00	\$1,200.00	\$1,200.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	260.00	\$56.42	\$14,669.20	\$55.00	\$14,300.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$75.00	\$1,125.00	\$200.11	\$3,001.65		
206.2	ROCK STRUCTURE EXCAVATION	CY	30.00	\$90.41	\$2,712.30	\$110.00	\$3,300.00		
209.1	GRANULAR BACKFILL	CY	60.00	\$75.00	\$4,500.00	\$250.00	\$15,000.00		
304.301	CRUSHED GRAVEL	CY	183.00	\$80.00	\$14,640.00	\$115.00	\$21,045.00		
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	9,500.00	\$95.00	\$902,500.00	\$115.00	\$1,092,500.00		
403.12	HBP-HAND METHOD	TON	152.00	\$300.00	\$45,600.00	\$190.00	\$28,880.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	70,000.00	\$0.25	\$17,500.00	\$1.10	\$77,000.00		
403.19	HBP-TEMPORARY	TON	800.00	\$95.00	\$76,000.00	\$115.00	\$92,000.00		
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	763.00	\$200.00	\$152,600.00	\$155.00	\$118,265.00		
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	4,825.00	\$0.25	\$1,206.25	\$1.10	\$5,307.50		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	9,500.00	\$2.78	\$26,410.00	\$3.30	\$31,350.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	6,500.00	\$5.00	\$32,500.00	\$5.50	\$35,750.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	92,268.00	\$3.00	\$276,804.00	\$3.30	\$304,484.40		
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	13,000.00	\$2.50	\$32,500.00	\$3.85	\$50,050.00		

Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$223,000.00	\$223,000.00	\$100,000.00	\$100,000.00		
502.10121	REMOVAL AND DISPOSAL OF EXISTING BRIDGE STRUCTURE (ACM - BACKWALL)	SY	11.00	\$8,000.00	\$88,000.00	\$1,400.00	\$15,400.00		
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$348,000.00	\$348,000.00	\$295,000.00	\$295,000.00		
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$323,000.00	\$323,000.00	\$295,000.00	\$295,000.00		
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$273,000.00	\$273,000.00	\$165,000.00	\$165,000.00		
502.312	CONCRETE HAUNCH SOUNDING WITH DOCUMENTATION	LF	1,460.00	\$10.00	\$14,600.00	\$15.00	\$21,900.00		
503.201	COFFERDAMS	U	1.00	\$60,000.00	\$60,000.00	\$35,000.00	\$35,000.00		
503.202	COFFERDAMS	U	1.00	\$115,000.00	\$115,000.00	\$35,000.00	\$35,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	178.00	\$50.00	\$8,900.00	\$75.00	\$13,350.00		
508.	STRUCTURAL FILL	CY	30.00	\$102.50	\$3,075.00	\$90.00	\$2,700.00		
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	38.00	\$30.00	\$1,140.00	\$75.00	\$2,850.00		
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	3,051.00	\$30.00	\$91,530.00	\$30.00	\$91,530.00		
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	8,550.00	\$30.00	\$256,500.00	\$30.00	\$256,500.00		
511.0004	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,520.00	\$30.00	\$45,600.00	\$30.00	\$45,600.00		
511.0005	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,330.00	\$30.00	\$39,900.00	\$30.00	\$39,900.00		
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	578.00	\$350.00	\$202,300.00	\$650.00	\$375,700.00		
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	461.00	\$675.00	\$311,175.00	\$1,200.00	\$553,200.00		
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	8.00	\$1,000.00	\$8,000.00	\$1,300.00	\$10,400.00		
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	6.00	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00		
512.0203	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	45.00	\$1,000.00	\$45,000.00	\$1,800.00	\$81,000.00		
512.0204	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	12.00	\$1,000.00	\$12,000.00	\$1,200.00	\$14,400.00		
512.0205	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	9.00	\$1,000.00	\$9,000.00	\$1,200.00	\$10,800.00		
520.01	CONCRETE CLASS AA	CY	65.00	\$800.00	\$52,000.00	\$1,000.00	\$65,000.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	135.00	\$1,500.00	\$202,500.00	\$3,300.00	\$445,500.00		
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUTWALL/PIER REPAIR)	CY	12.00	\$2,000.00	\$24,000.00	\$3,400.00	\$40,800.00		
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	95.00	\$2,000.00	\$190,000.00	\$2,300.00	\$218,500.00		

Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
520.2	CONCRETE CLASS B	CY	70.00	\$575.13	\$40,259.10	\$900.00	\$63,000.00		
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	197.00	\$100.00	\$19,700.00	\$200.00	\$39,400.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	140.00	\$60.00	\$8,400.00	\$75.00	\$10,500.00		
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	38.00	\$35.00	\$1,330.00	\$196.00	\$7,448.00		
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	14,451.00	\$20.00	\$289,020.00	\$28.50	\$411,853.50		
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	440.00	\$45.00	\$19,800.00	\$50.00	\$22,000.00		
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	5,300.00	\$25.00	\$132,500.00	\$25.00	\$132,500.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	350.00	\$10.00	\$3,500.00	\$15.00	\$5,250.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	6,100.00	\$1.78	\$10,858.00	\$2.35	\$14,335.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	40,300.00	\$3.00	\$120,900.00	\$4.00	\$161,200.00		
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,200.00	\$5.00	\$6,000.00	\$10.00	\$12,000.00		
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$5,000.00	\$90,000.00	\$6,300.00	\$113,400.00		
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$162,400.00	\$162,400.00	\$210,000.00	\$210,000.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	438.00	\$130.00	\$56,940.00	\$100.00	\$43,800.00		
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	70.00	\$1,000.00	\$70,000.00	\$900.00	\$63,000.00		
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	65.00	\$1,150.00	\$74,750.00	\$1,000.00	\$65,000.00		
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	119.00	\$1,150.00	\$136,850.00	\$1,000.00	\$119,000.00		
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	96.00	\$1,150.00	\$110,400.00	\$1,000.00	\$96,000.00		
561.1301	PREFABRICATED STRIP SEAL EXPANSION JOINT REHABILITATION (F)	LF	75.00	\$350.00	\$26,250.00	\$130.00	\$9,750.00		
561.2301	PREFABRICATED MODULAR BRIDGE JOINT SYSTEM - REHABILITATION (F)	LF	163.00	\$350.00	\$57,050.00	\$115.00	\$18,745.00		
561.30	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	65.00	\$1,850.00	\$120,250.00	\$2,500.00	\$162,500.00		
562.1	SILICONE JOINT SEALANT (F)	LF	650.00	\$30.00	\$19,500.00	\$40.00	\$26,000.00		
563.0015	STEEL RAIL POST ANCHORAGE	EA	12.00	\$550.00	\$6,600.00	\$820.00	\$9,840.00		
563.02	STEEL POST ASSEMBLY FOR T2 RAIL	EA	2.00	\$900.00	\$1,800.00	\$625.00	\$1,250.00		
563.8	RESETTING BRIDGE RAIL	LF	220.00	\$150.00	\$33,000.00	\$150.00	\$33,000.00		

# ABC Bid Data

MANCHESTER-HOOKSETT

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Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
563.81	REHABILITATION OF BRIDGE RAIL	LF	150.00	\$240.00	\$36,000.00	\$120.00	\$18,000.00		
563.95	SNOW SCREENING FOR OVERPASS STRUCTURES	LF	84.00	\$250.00	\$21,000.00	\$75.00	\$6,300.00		
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	1.00	\$3,100.00	\$3,100.00	\$5,500.00	\$5,500.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$500.00	\$1,500.00	\$550.00	\$1,650.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00		
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MASH MID-SPLICE)	U	1.00	\$1,500.00	\$1,500.00	\$2,100.00	\$2,100.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	200.00	\$40.00	\$8,000.00	\$36.00	\$7,200.00		
606.413	SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST	LF	100.00	\$200.00	\$20,000.00	\$200.00	\$20,000.00		
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	2,830.00	\$35.00	\$99,050.00	\$48.00	\$135,840.00		
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,360.00	\$60.00	\$81,600.00	\$73.00	\$99,280.00		
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00		
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	\$2,300.00	\$2,300.00	\$8,000.00	\$8,000.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	250.00	\$25.00	\$6,250.00	\$26.00	\$6,500.00		
606.92	RESETTING ANCHORAGES	EA	2.00	\$1,500.00	\$3,000.00	\$1,600.00	\$3,200.00		
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	5.00	\$3,000.00	\$15,000.00	\$6,500.00	\$32,500.00		
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	225.00	\$150.00	\$33,750.00	\$65.00	\$14,625.00		
609.01	STRAIGHT GRANITE CURB	LF	40.00	\$36.00	\$1,440.00	\$57.50	\$2,300.00		
609.5	RESET GRANITE CURB	LF	950.00	\$90.00	\$85,500.00	\$21.00	\$19,950.00		
609.55	RESET GRANITE CURB (BRIDGE)	LF	449.00	\$90.00	\$40,410.00	\$71.00	\$31,879.00		
614.512	CONCRETE PULL BOX 18"	EA	5.00	\$1,200.00	\$6,000.00	\$1,800.00	\$9,000.00		
614.523	MOLDED PULL BOX 17"X30"	EA	5.00	\$900.00	\$4,500.00	\$2,000.00	\$10,000.00		
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	1,125.00	\$15.00	\$16,875.00	\$21.00	\$23,625.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,150.00	\$20.00	\$23,000.00	\$26.00	\$29,900.00		
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	30.00	\$184.57	\$5,537.10	\$400.00	\$12,000.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	4.00	\$190.00	\$760.00	\$525.00	\$2,100.00		
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$535.00	\$535.00	\$7,350.00	\$7,350.00		

Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
615.0301	TRAFFIC SIGN TYPE C	SF	15.00	\$100.00	\$1,500.00	\$52.50	\$787.50		
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	70.00	\$220.00	\$15,400.00	\$262.00	\$18,340.00		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$159.36	\$318.72	\$158.00	\$316.00		
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$206,500.00	\$206,500.00	\$168,000.00	\$168,000.00		
615.103	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$10,200.00	\$10,200.00	\$13,000.00	\$13,000.00		
616.19101	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00		
616.19102	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	300,000.00	\$1.00	\$300,000.00	\$1.00	\$300,000.00		
618.7	FLAGGERS	HR	100.00	\$46.00	\$4,600.00	\$50.00	\$5,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$300,000.00	\$300,000.00	\$295,000.00	\$295,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,500.00	\$6,000.00	\$9,500.00	\$38,000.00		
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	4.00	\$1,100.00	\$4,400.00	\$735.00	\$2,940.00		
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	20.00	\$1,100.00	\$22,000.00	\$370.00	\$7,400.00		
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	30.00	\$550.00	\$16,500.00	\$525.00	\$15,750.00		
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	110.00	\$800.00	\$88,000.00	\$735.00	\$80,850.00		
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	30.00	\$1,200.00	\$36,000.00	\$1,050.00	\$31,500.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$7,500.00	\$15,000.00	\$53,500.00	\$107,000.00		
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	10.00	\$40.00	\$400.00	\$50.00	\$500.00		
628.1	SAWED CONCRETE PAVEMENT	LF	380.00	\$13.24	\$5,031.20	\$5.00	\$1,900.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	4,600.00	\$3.00	\$13,800.00	\$1.00	\$4,600.00		
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	582.00	\$3.75	\$2,182.50	\$1.60	\$931.20		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	110,000.00	\$0.20	\$22,000.00	\$0.27	\$29,700.00		
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	9,000.00	\$0.50	\$4,500.00	\$0.55	\$4,950.00		
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	45,000.00	\$2.50	\$112,500.00	\$3.15	\$141,750.00		
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	5,800.00	\$5.00	\$29,000.00	\$6.30	\$36,540.00		
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE I (REMOVABLE), 6" LINE	LF	600.00	\$3.25	\$1,950.00	\$6.30	\$3,780.00		

# ABC Bid Data

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Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	10,500.00	\$3.25	\$34,125.00	\$2.10	\$22,050.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	14,000.00	\$5.00	\$70,000.00	\$4.20	\$58,800.00		
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	142,500.00	\$1.00	\$142,500.00	\$0.37	\$52,725.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,200.00	\$6.00	\$19,200.00	\$4.00	\$12,800.00		
645.531	SILT FENCE	LF	3,000.00	\$5.00	\$15,000.00	\$2.50	\$7,500.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,100.00	\$3.73	\$4,103.00	\$1.25	\$1,375.00		
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$78,000.00	\$78,000.00	\$40,000.00	\$40,000.00		
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$105,000.00	\$105,000.00	\$53,000.00	\$53,000.00		
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$30,000.00	\$30,000.00	\$26,000.00	\$26,000.00		
670.04604	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$150,000.00	\$150,000.00	\$66,000.00	\$66,000.00		
670.04605	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$135,000.00	\$135,000.00	\$69,000.00	\$69,000.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$10,000.00	\$20,000.00	\$15,000.00	\$30,000.00		
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$75,000.00	\$75,000.00	\$17,500.00	\$17,500.00		
677.4101	CCTV SYSTEM	U	1.00	\$23,000.00	\$23,000.00	\$180,000.00	\$180,000.00		
677.54202	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$14,000.00	\$14,000.00	\$30,000.00	\$30,000.00		
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00		
677.9106	1-CONDUCTOR #6 AWG WIRE	LF	25.00	\$4.00	\$100.00	\$5.25	\$131.25		
677.9301	3-CONDUCTOR #1 AWG CABLE	LF	100.00	\$11.00	\$1,100.00	\$21.00	\$2,100.00		
677.9406	4-CONDUCTOR #6 AWG CABLE	LF	1,000.00	\$11.00	\$11,000.00	\$10.50	\$10,500.00		
692.	MOBILIZATION	U	1.00	\$950,000.00	\$950,000.00	\$998,000.00	\$998,000.00		
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,500.00	\$3,500.00	\$3,800.00	\$3,800.00		
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00		
698.12	FIELD OFFICE TYPE B	MON	20.00	\$2,750.00	\$55,000.00	\$2,500.00	\$50,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		



# ABC Bid Data

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Item No.	Description	Unit	Quantity	PS&E		AUDLEY, R. S., INC. 1113 ROUTE 3A BOW, NH 03304-4025		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1002.13	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1002.14	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1002.15	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1010.01	STEEL COST ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.15	FUEL ADJUSTMENT	\$	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
<b>Totals:</b>					<b>\$10,238,191.37</b>		<b>\$10,927,400.00</b>		
<b>Alt. Totals:</b>									
<b>Totals:</b>					<b>\$10,238,191.37</b>		<b>\$10,927,400.00</b>		

## PS&E Comparison

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.1	CLEARING AND GRUBBING (F)	A	.25	\$40,000.00	\$10,000.00	\$40,000.00	\$10,000.00	\$0.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	420.00	\$15.00	\$6,300.00	\$3.00	\$1,260.00	\$5,040.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	860.00	\$20.00	\$17,200.00	\$3.00	\$2,580.00	\$14,620.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$500.00	\$500.00	\$700.00	\$700.00	(\$200.00)
203.1	COMMON EXCAVATION	CY	50.00	\$50.00	\$2,500.00	\$20.00	\$1,000.00	\$1,500.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	3.00	\$800.00	\$2,400.00	\$1,115.00	\$3,345.00	(\$945.00)
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	6.00	\$800.00	\$4,800.00	\$1,500.00	\$9,000.00	(\$4,200.00)
203.55264	INSTALLATION AND REMOVAL OF SWZ - MOBILE VIDEO TRAILER PLATFORM	U	3.00	\$800.00	\$2,400.00	\$1,115.00	\$3,345.00	(\$945.00)
203.5562	EAGRT PLATFORM ALTERNATE	U	1.00	\$1,600.00	\$1,600.00	\$1,800.00	\$1,800.00	(\$200.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	260.00	\$45.00	\$11,700.00	\$56.42	\$14,669.20	(\$2,969.20)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$125.00	\$1,875.00	\$75.00	\$1,125.00	\$750.00
206.2	ROCK STRUCTURE EXCAVATION	CY	30.00	\$300.00	\$9,000.00	\$90.41	\$2,712.30	\$6,287.70
209.1	GRANULAR BACKFILL	CY	60.00	\$50.00	\$3,000.00	\$75.00	\$4,500.00	(\$1,500.00)
304.301	CRUSHED GRAVEL	CY	183.00	\$60.00	\$10,980.00	\$80.00	\$14,640.00	(\$3,660.00)



# PS&E Comparison

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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
403.11043	HBP-1/2" SURFACE MIX, MACHINE METHOD	TON	9,500.00	\$107.00	\$1,016,500.00	\$95.00	\$902,500.00	\$114,000.00
403.12	HBP-HAND METHOD	TON	152.00	\$172.00	\$26,144.00	\$300.00	\$45,600.00	(\$19,456.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	70,000.00	\$1.00	\$70,000.00	\$0.25	\$17,500.00	\$52,500.00
403.19	HBP-TEMPORARY	TON	800.00	\$102.00	\$81,600.00	\$95.00	\$76,000.00	\$5,600.00
403.21053	HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)	TON	763.00	\$145.00	\$110,635.00	\$200.00	\$152,600.00	(\$41,965.00)
403.26	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	4,825.00	\$1.00	\$4,825.00	\$0.25	\$1,206.25	\$3,618.75
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	9,500.00	\$3.10	\$29,450.00	\$2.78	\$26,410.00	\$3,040.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	6,500.00	\$5.25	\$34,125.00	\$5.00	\$32,500.00	\$1,625.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	92,268.00	\$3.20	\$295,257.60	\$3.00	\$276,804.00	\$18,453.60
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	13,000.00	\$4.00	\$52,000.00	\$2.50	\$32,500.00	\$19,500.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$95,000.00	\$95,000.00	\$223,000.00	\$223,000.00	(\$128,000.00)
502.10121	REMOVAL AND DISPOSAL OF EXISTING BRIDGE STRUCTURE (ACM - BACKWALL)	SY	11.00	\$9,000.00	\$99,000.00	\$8,000.00	\$88,000.00	\$11,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$195,000.00	\$195,000.00	\$348,000.00	\$348,000.00	(\$153,000.00)
502.103	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$175,000.00	\$175,000.00	\$323,000.00	\$323,000.00	(\$148,000.00)
502.104	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$160,000.00	\$160,000.00	\$273,000.00	\$273,000.00	(\$113,000.00)
502.312	CONCRETE HAUNCH SOUNDING WITH DOCUMENTATION	LF	1,460.00	\$30.00	\$43,800.00	\$10.00	\$14,600.00	\$29,200.00
503.201	COFFERDAMS	U	1.00	\$25,000.00	\$25,000.00	\$60,000.00	\$60,000.00	(\$35,000.00)



# PS&E Comparison

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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
503.202	COFFERDAMS	U	1.00	\$25,000.00	\$25,000.00	\$115,000.00	\$115,000.00	(\$90,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	178.00	\$100.00	\$17,800.00	\$50.00	\$8,900.00	\$8,900.00
508.	STRUCTURAL FILL	CY	30.00	\$60.00	\$1,800.00	\$102.50	\$3,075.00	(\$1,275.00)
511.0001	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	38.00	\$65.00	\$2,470.00	\$30.00	\$1,140.00	\$1,330.00
511.0002	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	3,051.00	\$15.00	\$45,765.00	\$30.00	\$91,530.00	(\$45,765.00)
511.0003	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	8,550.00	\$8.00	\$68,400.00	\$30.00	\$256,500.00	(\$188,100.00)
511.0004	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,520.00	\$18.00	\$27,360.00	\$30.00	\$45,600.00	(\$18,240.00)
511.0005	CONCRETE BRIDGE DECK PAVEMENT REMOVAL (F)	SY	1,330.00	\$20.00	\$26,600.00	\$30.00	\$39,900.00	(\$13,300.00)
511.02	PREPARATION FOR PARTIAL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	578.00	\$225.00	\$130,050.00	\$350.00	\$202,300.00	(\$72,250.00)
511.03	PREPARATION FOR FULL DEPTH CONCRETE BRIDGE DECK REPAIRS	SY	461.00	\$500.00	\$230,500.00	\$675.00	\$311,175.00	(\$80,675.00)
512.0201	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	8.00	\$450.00	\$3,600.00	\$1,000.00	\$8,000.00	(\$4,400.00)
512.0202	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	6.00	\$450.00	\$2,700.00	\$1,000.00	\$6,000.00	(\$3,300.00)
512.0203	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	45.00	\$900.00	\$40,500.00	\$1,000.00	\$45,000.00	(\$4,500.00)
512.0204	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	12.00	\$450.00	\$5,400.00	\$1,000.00	\$12,000.00	(\$6,600.00)
512.0205	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	9.00	\$450.00	\$4,050.00	\$1,000.00	\$9,000.00	(\$4,950.00)
520.01	CONCRETE CLASS AA	CY	65.00	\$1,250.00	\$81,250.00	\$800.00	\$52,000.00	\$29,250.00



# PS&E Comparison

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	135.00	\$3,250.00	\$438,750.00	\$1,500.00	\$202,500.00	\$236,250.00
520.02012	CONCRETE CLASS AA, ABOVE FOOTINGS (ABUT/WALL/PIER REPAIR)	CY	12.00	\$4,000.00	\$48,000.00	\$2,000.00	\$24,000.00	\$24,000.00
520.02013	CONCRETE CLASS AA, ABOVE FOOTINGS (FULL DECK REPAIR)	CY	95.00	\$2,300.00	\$218,500.00	\$2,000.00	\$190,000.00	\$28,500.00
520.2	CONCRETE CLASS B	CY	70.00	\$900.00	\$63,000.00	\$575.13	\$40,259.10	\$22,740.90
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	197.00	\$125.00	\$24,625.00	\$100.00	\$19,700.00	\$4,925.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	140.00	\$125.00	\$17,500.00	\$60.00	\$8,400.00	\$9,100.00
538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	38.00	\$175.00	\$6,650.00	\$35.00	\$1,330.00	\$5,320.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	14,451.00	\$25.00	\$361,275.00	\$20.00	\$289,020.00	\$72,255.00
540.511	GALVANIC CORROSION PROTECTION SYSTEM (DISTRIBUTED ANODES)	LF	440.00	\$70.00	\$30,800.00	\$45.00	\$19,800.00	\$11,000.00
540.512	GALVANIC CORROSION PROTECTION SYSTEM (DISCRETE ANODES)	EA	5,300.00	\$30.00	\$159,000.00	\$25.00	\$132,500.00	\$26,500.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	350.00	\$30.00	\$10,500.00	\$10.00	\$3,500.00	\$7,000.00
544.1	REINFORCING STEEL (ROADWAY)	LB	6,100.00	\$2.00	\$12,200.00	\$1.78	\$10,858.00	\$1,342.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	40,300.00	\$2.50	\$100,750.00	\$3.00	\$120,900.00	(\$20,150.00)
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	1,200.00	\$6.00	\$7,200.00	\$5.00	\$6,000.00	\$1,200.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	18.00	\$6,000.00	\$108,000.00	\$5,000.00	\$90,000.00	\$18,000.00

## PS&E Comparison

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$75,000.00	\$75,000.00	\$162,400.00	\$162,400.00	(\$87,400.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	438.00	\$125.00	\$54,750.00	\$130.00	\$56,940.00	(\$2,190.00)
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	70.00	\$895.00	\$62,650.00	\$1,000.00	\$70,000.00	(\$7,350.00)
561.1001	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	65.00	\$1,050.00	\$68,250.00	\$1,150.00	\$74,750.00	(\$6,500.00)
561.1002	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	119.00	\$925.00	\$110,075.00	\$1,150.00	\$136,850.00	(\$26,775.00)
561.1003	PREFABRICATED STRIP SEAL EXPANSION JOINT (F)	LF	96.00	\$900.00	\$86,400.00	\$1,150.00	\$110,400.00	(\$24,000.00)
561.1301	PREFABRICATED STRIP SEAL EXPANSION JOINT REHABILITATION (F)	LF	75.00	\$200.00	\$15,000.00	\$350.00	\$26,250.00	(\$11,250.00)
561.2301	PREFABRICATED MODULAR BRIDGE JOINT SYSTEM - REHABILITATION (F)	LF	163.00	\$200.00	\$32,600.00	\$350.00	\$57,050.00	(\$24,450.00)
561.30	PREFABRICATED FINGER EXPANSION JOINT (F)	LF	65.00	\$2,750.00	\$178,750.00	\$1,850.00	\$120,250.00	\$58,500.00
562.1	SILICONE JOINT SEALANT (F)	LF	650.00	\$26.50	\$17,225.00	\$30.00	\$19,500.00	(\$2,275.00)
563.0015	STEEL RAIL POST ANCHORAGE	EA	12.00	\$350.00	\$4,200.00	\$550.00	\$6,600.00	(\$2,400.00)
563.02	STEEL POST ASSEMBLY FOR T2 RAIL	EA	2.00	\$625.00	\$1,250.00	\$900.00	\$1,800.00	(\$550.00)
563.8	RESETTING BRIDGE RAIL	LF	220.00	\$150.00	\$33,000.00	\$150.00	\$33,000.00	\$0.00
563.81	REHABILITATION OF BRIDGE RAIL	LF	150.00	\$100.00	\$15,000.00	\$240.00	\$36,000.00	(\$21,000.00)
563.95	SNOW SCREENING FOR OVERPASS STRUCTURES	LF	84.00	\$75.00	\$6,300.00	\$250.00	\$21,000.00	(\$14,700.00)
604.114	CATCH BASINS TYPE A, 4-FOOT DIAMETER	U	1.00	\$4,000.00	\$4,000.00	\$3,100.00	\$3,100.00	\$900.00

## PS&E Comparison

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42753

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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$700.00	\$2,100.00	\$500.00	\$1,500.00	\$600.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	(\$500.00)
606.1471	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (MASH MID-SPLICE)	U	1.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$500.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	200.00	\$35.00	\$7,000.00	\$40.00	\$8,000.00	(\$1,000.00)
606.413	SINGLE SLOPE CONCRETE MEDIAN BARRIER, PRECAST	LF	100.00	\$145.00	\$14,500.00	\$200.00	\$20,000.00	(\$5,500.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	2,830.00	\$75.00	\$212,250.00	\$35.00	\$99,050.00	\$113,200.00
606.41741	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE	LF	1,360.00	\$95.00	\$129,200.00	\$60.00	\$81,600.00	\$47,600.00
606.42291	TRANSITION BARRIER, CAST IN PLACE	U	1.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	(\$500.00)
606.83	ANCHORAGES FOR STRONG BEAM GUARDRAIL	EA	1.00	\$7,800.00	\$7,800.00	\$2,300.00	\$2,300.00	\$5,500.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	250.00	\$24.00	\$6,000.00	\$25.00	\$6,250.00	(\$250.00)
606.92	RESETTING ANCHORAGES	EA	2.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$0.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	5.00	\$10,000.00	\$50,000.00	\$3,000.00	\$15,000.00	\$35,000.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	225.00	\$90.00	\$20,250.00	\$150.00	\$33,750.00	(\$13,500.00)
609.01	STRAIGHT GRANITE CURB	LF	40.00	\$125.00	\$5,000.00	\$36.00	\$1,440.00	\$3,560.00
609.5	RESET GRANITE CURB	LF	950.00	\$24.00	\$22,800.00	\$90.00	\$85,500.00	(\$62,700.00)
609.55	RESET GRANITE CURB (BRIDGE)	LF	449.00	\$75.00	\$33,675.00	\$90.00	\$40,410.00	(\$6,735.00)



# PS&E Comparison

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Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
614.512	CONCRETE PULL BOX 18"	EA	5.00	\$1,800.00	\$9,000.00	\$1,200.00	\$6,000.00	\$3,000.00
614.523	MOLDED PULL BOX 17"X30"	EA	5.00	\$2,000.00	\$10,000.00	\$900.00	\$4,500.00	\$5,500.00
614.72114	2" PVC CONDUIT, SCHEDULE 40	LF	1,125.00	\$22.00	\$24,750.00	\$15.00	\$16,875.00	\$7,875.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,150.00	\$27.00	\$31,050.00	\$20.00	\$23,000.00	\$8,050.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	30.00	\$400.00	\$12,000.00	\$184.57	\$5,537.10	\$6,462.90
615.023	REMOVING TRAFFIC SIGN TYPE B	U	4.00	\$125.00	\$500.00	\$190.00	\$760.00	(\$260.00)
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$550.00	\$550.00	\$535.00	\$535.00	\$15.00
615.0301	TRAFFIC SIGN TYPE C	SF	15.00	\$75.00	\$1,125.00	\$100.00	\$1,500.00	(\$375.00)
615.03201	TRAFFIC SIGN TYPE C, BREAKAWAY MOUNTS	SF	70.00	\$390.00	\$27,300.00	\$220.00	\$15,400.00	\$11,900.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$425.00	\$850.00	\$159.36	\$318.72	\$531.28
615.10001	FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$200,000.00	\$200,000.00	\$206,500.00	\$206,500.00	(\$6,500.00)
615.103	REMOVING FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$12,000.00	\$12,000.00	\$10,200.00	\$10,200.00	\$1,800.00
616.19101	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$1,000.00
616.19102	ALTERATIONS TO TRAFFIC SIGNALS	U	1.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$1,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	300,000.00	\$1.00	\$300,000.00	\$1.00	\$300,000.00	\$0.00
618.7	FLAGGERS	HR	100.00	\$60.00	\$6,000.00	\$46.00	\$4,600.00	\$1,400.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$875,000.00	\$875,000.00	\$300,000.00	\$300,000.00	\$575,000.00

## PS&E Comparison

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X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$4,000.00	\$16,000.00	\$1,500.00	\$6,000.00	\$10,000.00
619.502	WORK ZONE ITS OPERATIONAL COSTS (WINTER)	MON	4.00	\$1,200.00	\$4,800.00	\$1,100.00	\$4,400.00	\$400.00
619.503	WORK ZONE ITS OPERATIONAL COSTS (SUMMER)	MON	20.00	\$900.00	\$18,000.00	\$1,100.00	\$22,000.00	(\$4,000.00)
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	30.00	\$650.00	\$19,500.00	\$550.00	\$16,500.00	\$3,000.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	110.00	\$750.00	\$82,500.00	\$800.00	\$88,000.00	(\$5,500.00)
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	30.00	\$1,100.00	\$33,000.00	\$1,200.00	\$36,000.00	(\$3,000.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$7,500.00	\$15,000.00	\$7,500.00	\$15,000.00	\$0.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	10.00	\$50.00	\$500.00	\$40.00	\$400.00	\$100.00
628.1	SAWED CONCRETE PAVEMENT	LF	380.00	\$12.50	\$4,750.00	\$13.24	\$5,031.20	(\$281.20)
628.2	SAWED BITUMINOUS PAVEMENT	LF	4,600.00	\$5.00	\$23,000.00	\$3.00	\$13,800.00	\$9,200.00
628.22	SAWED BITUMINOUS PAVEMENT (BRIDGE)	LF	582.00	\$9.00	\$5,238.00	\$3.75	\$2,182.50	\$3,055.50
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	110,000.00	\$0.30	\$33,000.00	\$0.20	\$22,000.00	\$11,000.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	9,000.00	\$0.55	\$4,950.00	\$0.50	\$4,500.00	\$450.00
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	45,000.00	\$3.15	\$141,750.00	\$2.50	\$112,500.00	\$29,250.00
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	5,800.00	\$6.15	\$35,670.00	\$5.00	\$29,000.00	\$6,670.00
632.1306	BLACKOUT PAVEMENT MARKING TAPE, TYPE II (REMOVABLE), 6" LINE	LF	600.00	\$6.25	\$3,750.00	\$3.25	\$1,950.00	\$1,800.00

## PS&E Comparison

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X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	10,500.00	\$2.00	\$21,000.00	\$3.25	\$34,125.00	(\$13,125.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	14,000.00	\$4.10	\$57,400.00	\$5.00	\$70,000.00	(\$12,600.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	142,500.00	\$0.38	\$54,150.00	\$1.00	\$142,500.00	(\$88,350.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,200.00	\$12.00	\$38,400.00	\$6.00	\$19,200.00	\$19,200.00
645.531	SILT FENCE	LF	3,000.00	\$13.00	\$39,000.00	\$5.00	\$15,000.00	\$24,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,100.00	\$7.00	\$7,700.00	\$3.73	\$4,103.00	\$3,597.00
670.04601	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$60,000.00	\$60,000.00	\$78,000.00	\$78,000.00	(\$18,000.00)
670.04602	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$70,000.00	\$70,000.00	\$105,000.00	\$105,000.00	(\$35,000.00)
670.04603	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$10,000.00
670.04604	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$80,000.00	\$80,000.00	\$150,000.00	\$150,000.00	(\$70,000.00)
670.04605	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$100,000.00	\$100,000.00	\$135,000.00	\$135,000.00	(\$35,000.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$15,000.00	\$30,000.00	\$10,000.00	\$20,000.00	\$10,000.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$18,000.00	\$18,000.00	\$75,000.00	\$75,000.00	(\$57,000.00)
677.4101	CCTV SYSTEM	U	1.00	\$180,000.00	\$180,000.00	\$23,000.00	\$23,000.00	\$157,000.00
677.54202	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$30,000.00	\$30,000.00	\$14,000.00	\$14,000.00	\$16,000.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$1,000.00



# PS&E Comparison

MANCHESTER-HOOKSETT

42753

X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
677.9106	1-CONDUCTOR #6 AWG WIRE	LF	25.00	\$5.00	\$125.00	\$4.00	\$100.00	\$25.00
677.9301	3-CONDUCTOR #1 AWG CABLE	LF	100.00	\$20.00	\$2,000.00	\$11.00	\$1,100.00	\$900.00
677.9406	4-CONDUCTOR #6 AWG CABLE	LF	1,000.00	\$10.00	\$10,000.00	\$11.00	\$11,000.00	(\$1,000.00)
692.	MOBILIZATION	U	1.00	\$650,000.00	\$650,000.00	\$950,000.00	\$950,000.00	(\$300,000.00)
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	600.00	\$1.00	\$600.00	\$1.00	\$600.00	\$0.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$500.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	(\$6,000.00)
698.12	FIELD OFFICE TYPE B	MON	20.00	\$5,000.00	\$100,000.00	\$2,750.00	\$55,000.00	\$45,000.00
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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1002.13	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1002.14	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1002.15	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.01	STEEL COST ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00



# PS&E Comparison

MANCHESTER-HOOKSETT  
42753  
X-A004(960)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1010.15	FUEL ADJUSTMENT	\$	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
<b>Total:</b>					\$10,099,519.60		\$10,238,191.37	(\$138,671.77)

September 8, 2023

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This 2 construction season project performs maintenance and preservation work on 5 bridges on I-93 (listed in *Project Explanation* section below). Work in each season will be done in 2 construction phases. Bridge work by season shown in *Traffic Implication* section below. Work zone starts near MM 20.85 on I-93 NB and extends north approximately 3.5 miles. Major bridge work: removal and replacement of the deck asphalt and membrane, partial and full depth concrete deck repairs, abutment/pier concrete repairs, expansion joint replacement, bearing replacement (1 bridge) and select bridge rail/coping repairs. A Closed Circuit TV pole and Overhead Sign Structure (bridge) are also being installed at Exit 7.

**FEDERAL FUNDING:** 80% (Bridge-T1-2 Maintenance-Preservation and Bridge-HIB Maintenance-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. For preservation work, the amount of deck estimated for repair is based on the condition of the asphalt covering the deck and field observations of substructure elements, often from a distance. The full extent of the necessary repairs on both the deck and substructure surfaces will not be known until the surfaces can be fully exposed (i.e., removal of existing asphalt and membrane) and sounded or more closely accessed.

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

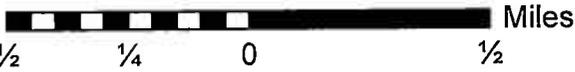
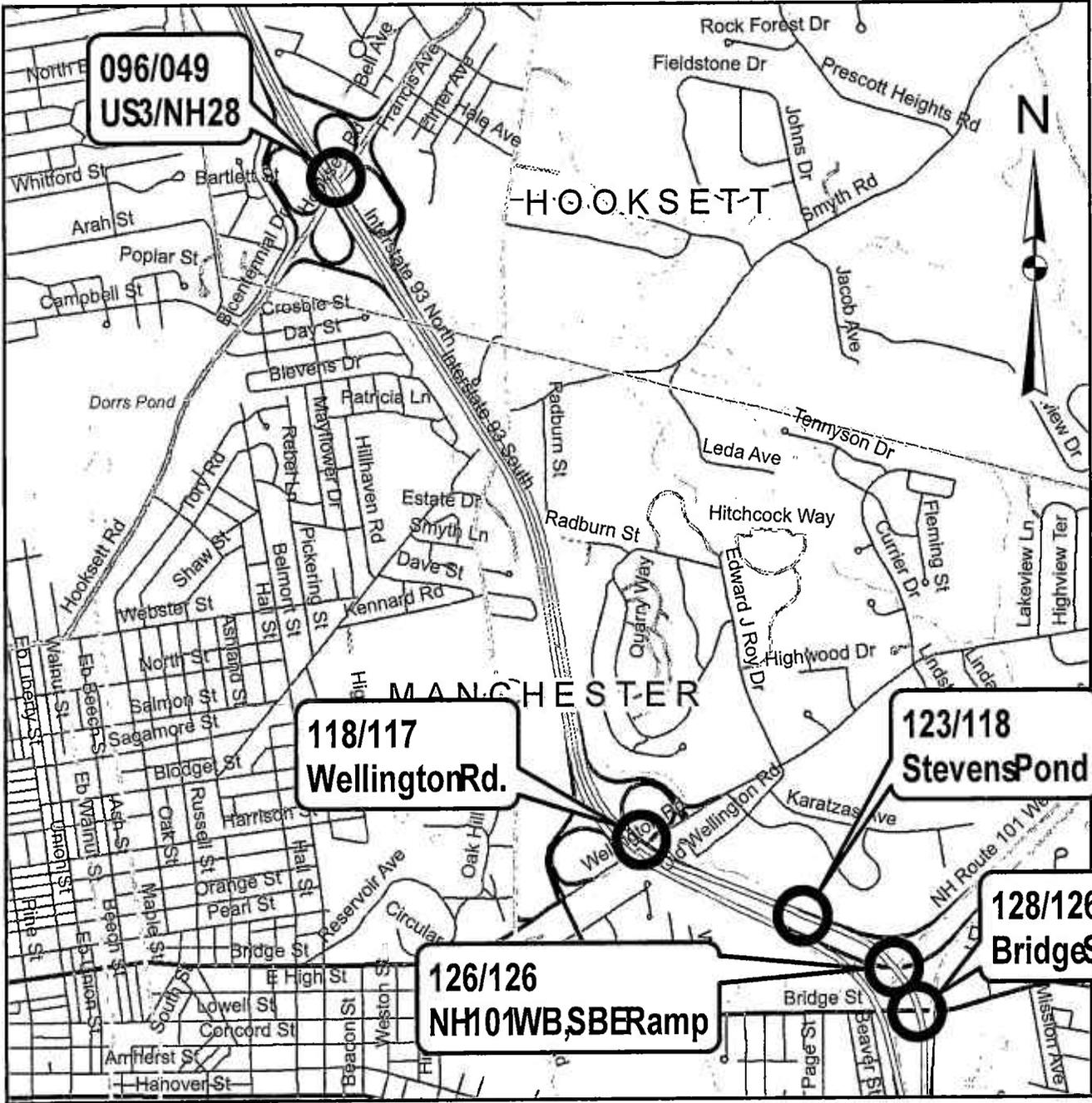
**PROJECT EXPLANATION:** Based on the draft 2021 M&P – T1-2 and HIB-M&P priority lists, the following priority rankings have been assigned to the bridges in the project: 128/126, I-93 NB over Bridge Street: No ranking; 126/126 I-93 NB over SBE/NH 101 WB: #31 (HIB); 123/118, I-93 NB over Stevens Pond: #11 (HIB); 118/117, I-93 NB over Wellington Rd: #20 (T1-2); and 096/049, I-93 NB over US 3/NH 28: #90 (T1-2). The purpose of this project is to preserve and extend the life of these existing bridges and keep them off the State redlist.

**TRAFFIC IMPLICATION:** Division of work as described below allows for efficient manpower usage by the Contractor over the two seasons (balancing the bridge deck square footage) and eliminates temporary pavement used to cover traffic control obliteration scaring. All work zone travel lanes will be 11'-0" minimum.

- Seasons 1 and 2: I-93 NB lane drop from 3 lanes to 2, north of Candia Road (Exit 6) by temporarily making the I-93 NB / NH 101 EB decision lane (south approach to Exit 7) dedicated to NH 101 EB only. This sets up lane usage of 2 lanes needed through the work zones to the north of Exit 7 in both seasons.
- Season 1: Manchester 123/118 (Stevens Pond) and 118/117 (Wellington Road, Exit 8). Exit 8 off-ramp closed during Phase 1 work and open during Phase 2. Minimum work zone lanes maintained: Phase 1 - Two lanes from I-93 NB plus one lane from the NH 101 WB ramp (37'-0" rail to barrier min); Phase 2 - Two lanes from I-93 NB (27'-10" rail to barrier min); NH 101 WB ramp maintains one lane with merge into I-93 NB lanes immediately south of the Stevens Pond bridge. Temporary gore reconstruction at Exit 7 required. Permanent gore reconstruction at Exit 8 required.
- Season 2: Manchester 128/126 (Bridge St) and 126/126 (SBE/NH 101 WB), and Hooksett 096/049 (US 3/NH 28, Exit 9). The Hooksett bridge is far enough away from the other two bridges to have its own traffic control zone. Minimum work zone lanes maintained: Manchester bridges, Phases 1 and 2 - Two lanes (26'-0" rail to barrier min); Hooksett bridge - Two lanes on I-93 NB (drops from 3 lanes south of the bridge) plus one on/off/weave lane (phase 1: 37'-0" rail to barrier, min, and phase 2: 37'-10" rail to barrier, min).

**FINAL COMPLETION DATE:** October 3, 2025

# MANCHESTER/HOOKSETT - I-93 NB



**LEGEND**

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

*New Hampshire*  
**DOT**  
Department of Transportation

State #: 42753  
Federal #: X-A004(960)  
**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 E.D. SWETT, INC. is a New Hampshire Profit Corporation registered to transact business in New Hampshire on April 08, 1952. 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: **18939**

Certificate Number: **0006280626**



IN TESTIMONY WHEREOF,  
I hereto set my hand and cause to be affixed  
the Seal of the State of New Hampshire,  
this 17th day of July A.D. 2023.

A handwritten signature in black ink, appearing to read "David M. Scanlan", is written over a faint circular stamp.

David M. Scanlan  
Secretary of State



## E.D. SWETT, INC.

8 INDUSTRIAL PARK DRIVE  
CONCORD, NEW HAMPSHIRE 03301-8512

Phone: (603) 224-7401  
Fax: (603) 224-5006

### CORPORATE RESOLUTION

I, Jonathan R. Coulp-Yu, hereby certify that I am the duly elected Secretary of E.D. Swett, 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 October 18, 2023, at which a quorum of the Board was present and voting.

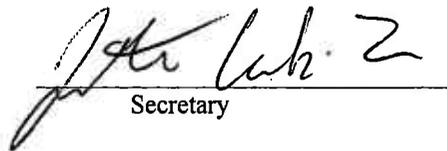
**VOTED:**

On a motion duly made and seconded, it was unanimously voted to empower Christopher W. Robert, President and Michael R. Cole, Vice President, to execute on behalf of the Corporation, bids, contracts and any other forms and documents necessary and relative to the NHDOT project: **MANCHESTER, 42753, BRIDGE PRESERVATION WORK on I-93, MANCHESTER, NH.**

I hereby certify that said vote has not been amended or repealed and remains in full force and effect as of the date of the contract to which this certificate is attached. This authority remains valid for 30 days from the date of this Corporate Resolution. I hereby certify that is understood that the State of New Hampshire will rely on this certificate as evidence that the persons listed above currently occupy the positions indicated and have full authority to bind the corporation. To the extent that there are any limits on the authority of any listed individual to bind the corporation in contracts with the State of New Hampshire, all such limitations are expressly stated herein.

Attest:

Date: October 25, 2023

  
Secretary



## DESCRIPTIONS (Continued from Page 1)

Project: Manchester 42753-bridge preservation work on I-93, Manchester NH. The State of New Hampshire, Dept. of Transportation is named as Additional Insured with respect to the General Liability.

