



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



32  
Blank

VICTORIA F. SHEEHAN  
COMMISSIONER

WILLIAM CASS, P.E.  
ASSISTANT COMMISSIONER

Bureau of Construction  
October 28, 2016

Her Excellency, Governor Margaret Wood Hassan  
and the Honorable Council  
State House  
Concord, New Hampshire 03301

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with Beck & Bellucci, Inc. (Vendor 160421) of Franklin, NH on the basis of a low bid of \$8,504,979.69 for rehabilitation of the red-listed bridges that carry I-93 northbound and southbound over Winnepesaukee River, NHRR and a recreational trail and also includes the installation of scour countermeasures, from the date of Governor and Council approval through June 28, 2019 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows for FY 2017, and is contingent upon the availability and continued appropriation of fund for FY 2018 and FY 2019:

Funding is available as follows:	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
04-96-96-963515-3054 Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$3,504,979.69	\$3,000,000.00	\$2,000,000.00

2. Further authorize that a contingency in the amount of \$425,248.99 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
04-96-96-963515-3054 Consolidated Federal Aid			
400-500870 Highway Contract Payments	\$200,248.99	\$150,000.00	\$75,000.00

**EXPLANATION**

The two projects that make up this contract are part of the State's 10-Year Transportation Improvement Plan and include Bridge Rehabilitation and Installation of scour countermeasures for two red-listed bridges that carry I-93 northbound and southbound over Winnepesaukee River, NHRR and a recreation trail in the towns of Northfield and Tilton.

**Project No. 16147 – Bridge Rehabilitation.** The work includes replacement of the concrete bridge decks; rehabilitation of the bridge abutments and removal and replacement of the bridge deck expansion joints and bridge shoes; rehabilitation of the bridge piers above low water; paving I-93 in the vicinity of the bridges as required to provide profile and superelevation matches to the new bridge decks; replacement of all guardrail with project limits; and installation of Intelligent Transportation System Devices.

**Project No. 14744A – Scour Countermeasure Installation.** The work includes installation of concrete armor matrix components at pier 2 (in-water pier) and installation of stone riprap to supplement existing riprap at pier 1 (south river bank pier).

The existing bridges are structurally deficient and have been on the Department's red-list of deficient bridges since 2009 due to the poor condition of the bridge decks. The bridge piers located in and adjacent to the river are founded on shallow foundations (spread footings) and have been identified as scour critical during floods.

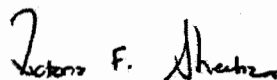
The contingency amount is proposed to be 5% of the combined construction totals. The following factors involve higher risks that can potentially increase costs: complicated traffic control plan due to high traffic volumes and phased bridge construction, difficult site access, inability to inspect areas of the bridge that will become exposed when the deck is removed, and limitation of operations when working near or above the railroad.

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 with 20% state match. Turnpike toll credit is being utilized for match requirements, 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.

Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/md

Department Estimate: \$11,326,556.25  
Contract Amount:     \$ 8,504,979.69  
Under Estimate:     \$ 2,821,576.56

Attachments

August 26, 2016

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This contract comprises the following projects:

**Project No. 16147 – Bridge Rehabilitation.** This project involves the rehabilitation of the red-listed bridges that carry I-93 northbound and southbound over Winnepesaukee River, NHRR and a recreation trail. The work includes:

- Construction, maintenance and removal of temporary diversions for traffic on I-93 to permit the bridge work to be completed in phases;
- Rehabilitation of the bridge piers above low water;
- Removal and replacement of the bridge shoes;
- Removal and replacement of the concrete bridge decks, pavement and waterproofing membrane;
- Rehabilitation of the bridge abutments and removal and replacement of the bridge deck expansion joints;
- Removal and replacement of the bridge rail, bridge approach rail, roadway guardrail and end units;
- Paving I-93 in the vicinity of the bridges as required to provide profile and superelevation matches to the new bridge decks; and
- Installation of Intelligent Transportation System Devices.

**Project No. 14744A – Scour Countermeasure Installation.** This project involves the installation of scour countermeasures during periods of low flow in the Winnepesaukee River around the bridge piers. The work includes:

- Construction, maintenance and removal of temporary access and staging areas;
- Installation of stone riprap to supplement existing riprap at pier 1 (south river bank pier) and
- Installation of concrete armor matrix components at pier 2 (in-water pier).

**FEDERAL FUNDING:** 80% federal funding with utilization of turnpike toll credits for the State's 20% match.

**CONTINGENCY:** The contingency amount is proposed to be 5% of the combined construction totals. The following factors involve higher risks that can potentially increase costs: complicated traffic control plan due to high traffic volumes and phased bridge construction, difficult site access, inability to inspect areas of the bridge that will become exposed when the deck is removed, and limitation of operations when working near or above the railroad.

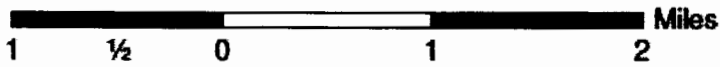
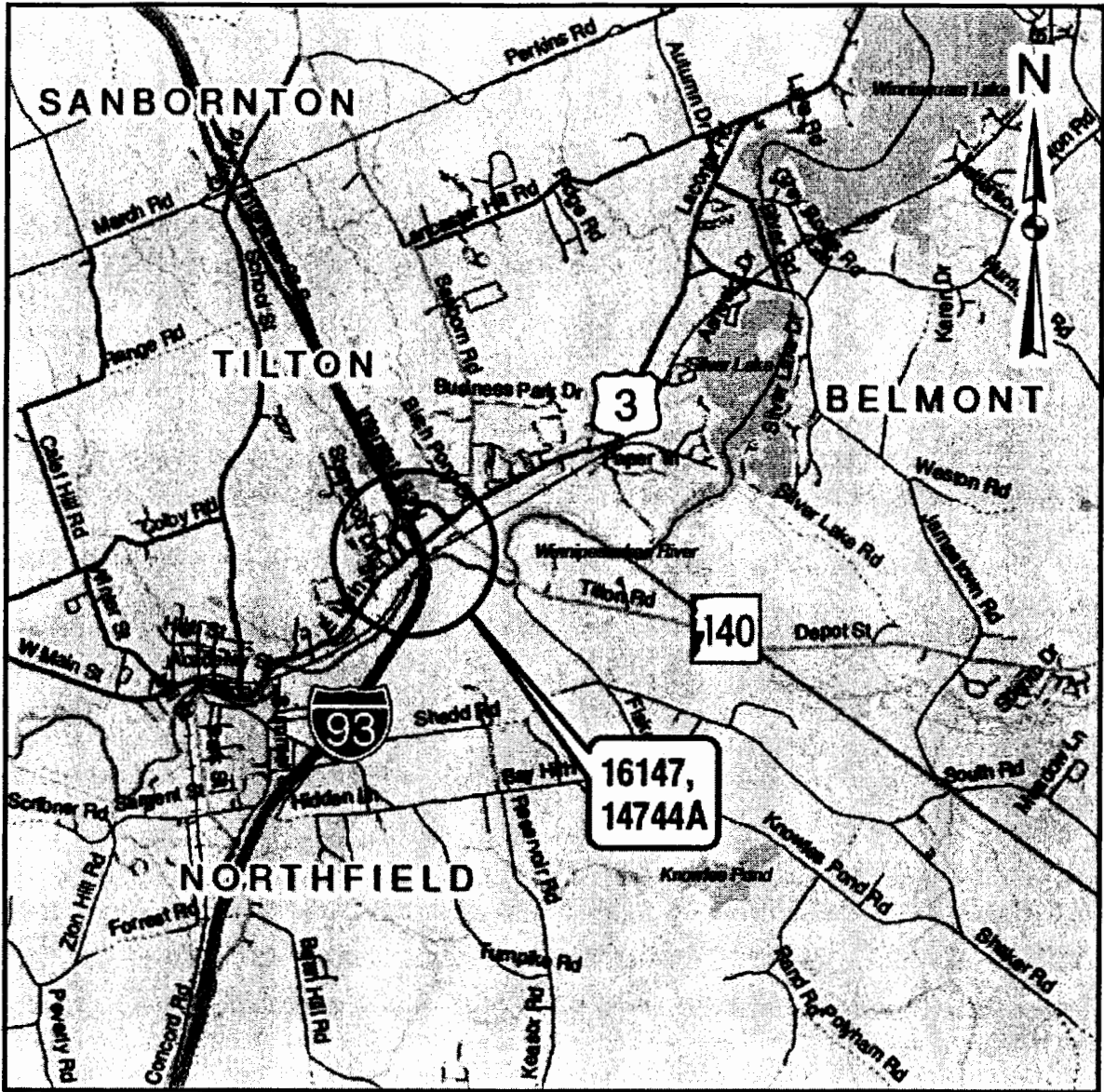
**PROJECT INITIATED:** State's 10-Year Transportation Improvement Plan.

**PROJECT EXPLANATION:** These projects primarily involve rehabilitation of the bridges and installation of scour countermeasures. The existing bridges are structurally deficient and have been on the Department's red-list of deficient bridges since 2009 due to the poor condition of the bridge decks. The bridge piers located in and adjacent to the river are founded on spread footings and have been identified as scour critical during floods.

**TRAFFIC IMPLICATION:** Temporary diversions for traffic on I-93 will be constructed within the median to facilitate the work. Two travel lanes in each direction shall be maintained at all times on I-93 northbound and southbound. Temporary single lane and/or shoulder closures will be permitted with the approval of the Contract Administrator and will be discontinued whenever it is determined that backups may contribute to unsafe conditions or result in excessive delays for the travelling public. The recreation trail (Winnepesaukee River Trail) may be closed during work hours for a single period not to exceed eight weeks for operations involving construction of site access, installation of the scour countermeasures, and restoration of disturbed areas. Short term closures of the recreation trail, with the use of flaggers, may be necessary during construction operations involving overhead work. The trail will remain open during non-work hours.

**COMPLETION DATE:** Friday, June 28, 2019

**Northfield-Tilton Interstate 93**



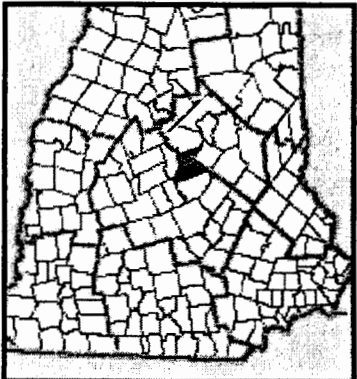
**LEGEND**

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

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

State #: 16147, 14744A  
 Federal #: X-A001(153), X-A001(042)

**LOCATION MAP**





# ABC Bid Data

NORTHFIELD - TILTON, NORTHFIELD - TILTON  
 16147, 14744A  
 X-A001(153), X-A001(042)

**PROJECT:** NORTHFIELD - TILTON, NORTHFIELD - TILTON  
**STATE PROJECT NUMBER:** 16147, 14744A  
**FED. PROJECT NUMBER:** X-A001(153), X-A001(042)  
**DATE BIDS OPEN:** October 12, 2016, 2:00  
**SCOPE OF WORK:** Bridge Rehabilitation, I-93 NB & SB over Winnepesaukee River and Railroad (Red List)  
**COMPLETION DATE:** June 28, 2019  
**LOCATION:** Belknap, Merrimack

**Awarded To:** BECK & BELLUCCI, INC.  
 10 SALISBURY ROAD  
 FRANKLIN, NH 03235-0429

**Amount:** \$8,504,979.69  
**Award Date:**

**Certified by:** PETER E. STAMNAS  
 Director of Project Development

## Summary of Bidders

Contractor	Bid Amount	Rank
BECK & BELLUCCI, INC. 10 SALISBURY ROAD, PO BOX 429, FRANKLIN NH 03235-0429	\$8,504,979.69	A
CAIRNS, GEORGE R. & SON, INC. 8 LEDGE ROAD, WINDHAM NH 03087	\$10,194,043.57	B
REED & REED, INC. 275 RIVER ROAD, PO BOX 370, WOOLWICH ME 04579	\$10,289,976.25	C
SWETT, E. D. INC. 8 INDUSTRIAL PARK DR, CONCORD NH 03301-8512	\$10,330,457.70	D
PIPER, R. M. INC. 141 SMITH BRIDGE RD, PO BOX 490, PLYMOUTH NH 03264-0490	\$10,427,226.08	E

Item No.	Description	Unit	Quantity	PS&E		BECK & BELLUCCI INC. 10 SALISBURY ROAD FRANKLIN, NH 03235-0429		CAIRNS, GEORGE R & SON, INC. 100 STATE ROAD WINDHAM, NH 03097	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	40,000	\$20.00	\$800.00	\$4.16	\$166.40	\$4.00	\$160.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60,000	\$15.00	\$900.00	\$8.32	\$499.20	\$2.00	\$120.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	20,000	\$21.00	\$420.00	\$26.00	\$520.00	\$14.00	\$280.00
202.7	REMOVAL OF GUARDRAIL	LF	5,400,000	\$2.00	\$10,800.00	\$2.00	\$10,800.00	\$1.65	\$8,910.00
202.843	REMOVAL OF LIGHT POLE	U	6,000	\$1,500.00	\$9,000.00	\$709.00	\$4,254.00	\$1,640.00	\$9,840.00
203.1	COMMON EXCAVATION	CY	8,000,000	\$15.00	\$120,000.00	\$12.74	\$101,920.00	\$9.85	\$78,800.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2,000	\$2,500.00	\$5,000.00	\$858.00	\$1,716.00	\$1,820.00	\$3,640.00
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2,000	\$3,500.00	\$7,000.00	\$858.00	\$1,716.00	\$1,820.00	\$3,640.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	5,000	\$1,500.00	\$7,500.00	\$1,092.00	\$5,460.00	\$1,530.00	\$7,650.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	6,062,000	\$12.00	\$72,744.00	\$13.93	\$84,443.66	\$16.85	\$102,144.70
206.1	COMMON STRUCTURE EXCAVATION	CY	65,000	\$100.00	\$6,500.00	\$36.40	\$2,366.00	\$20.00	\$1,300.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	200,000	\$20,000.00	\$4,000,000.00	\$78.00	\$15,600.00	\$30.00	\$6,000.00
206.2	ROCK STRUCTURE EXCAVATION	CY	2,000	\$100.00	\$200.00	\$250.00	\$500.00	\$60.00	\$120.00
207.1	COMMON CHANNEL EXCAVATION	CY	346,000	\$80.00	\$27,680.00	\$43.68	\$15,113.28	\$50.00	\$17,300.00
209.1	GRANULAR BACKFILL	CY	30,000	\$50.00	\$1,500.00	\$63.00	\$1,890.00	\$56.00	\$1,680.00
304.3	CRUSHED GRAVEL (F)	CY	110,000	\$30.00	\$3,300.00	\$45.75	\$5,032.50	\$71.00	\$7,810.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	390,000	\$50.00	\$19,500.00	\$38.30	\$14,937.00	\$38.50	\$15,015.00
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,837,000	\$35.00	\$64,295.00	\$33.30	\$61,172.10	\$32.20	\$59,151.40
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350,000	\$95.00	\$33,250.00	\$86.60	\$30,310.00	\$91.00	\$31,850.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	3,850,000	\$87.00	\$334,950.00	\$63.00	\$242,550.00	\$68.00	\$261,800.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120,000	\$175.00	\$21,000.00	\$115.50	\$13,860.00	\$120.00	\$14,400.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,850,000	\$2.00	\$7,700.00	\$1.57	\$6,044.50	\$1.65	\$6,352.50
403.6	PAVEMENT JOINT ADHESIVE	LF	34,400,000	\$0.75	\$25,800.00	\$0.25	\$8,600.00	\$0.50	\$17,200.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,913,000	\$0.75	\$2,934.75	\$0.99	\$3,873.87	\$0.50	\$1,956.50
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	188,000	\$265.00	\$49,820.00	\$131.00	\$24,628.00	\$135.00	\$25,380.00
403.96	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	1,410,000	\$91.00	\$128,310.00	\$70.00	\$98,700.00	\$76.00	\$107,160.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,700,000	\$85.00	\$229,500.00	\$65.00	\$175,500.00	\$69.00	\$186,300.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,000,000	\$3.00	\$9,000.00	\$2.60	\$7,800.00	\$2.75	\$8,250.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	12,500,000	\$5.00	\$62,500.00	\$1.58	\$19,750.00	\$6.00	\$75,000.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	16,350,000	\$3.00	\$49,050.00	\$0.32	\$5,232.00	\$0.60	\$9,810.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	16,350,000	\$3.00	\$49,050.00	\$1.84	\$30,084.00	\$2.00	\$32,700.00
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1,000	\$329,000.00	\$329,000.00	\$100,000.00	\$100,000.00	\$122,000.00	\$122,000.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1,000	\$425,000.00	\$425,000.00	\$421,390.00	\$421,390.00	\$436,000.00	\$436,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1,000	\$350,000.00	\$350,000.00	\$346,585.00	\$346,585.00	\$495,000.00	\$495,000.00
503.101	WATER DIVERSION STRUCTURE	U	1,000	\$45,000.00	\$45,000.00	\$59,000.00	\$59,000.00	\$57,900.00	\$57,900.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	160,000	\$40.00	\$6,400.00	\$36.40	\$5,824.00	\$47.00	\$7,520.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	24,000	\$1,250.00	\$30,000.00	\$750.00	\$18,000.00	\$2,595.00	\$62,280.00
520.01	CONCRETE CLASS AA	CY	8,000	\$1,500.00	\$12,000.00	\$1,000.00	\$8,000.00	\$7,940.00	\$63,520.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	55,000	\$1,775.00	\$97,625.00	\$900.00	\$49,500.00	\$1,695.00	\$93,225.00
520.1	CONCRETE CLASS A	CY	5,000	\$900.00	\$4,500.00	\$1,155.00	\$5,775.00	\$1,400.00	\$7,000.00
520.71026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	577,000	\$1,500.00	\$865,500.00	\$1,150.00	\$663,550.00	\$1,232.00	\$710,864.00

Item No.	Description	Unit	Quantity	PS&E		BECK & BELLUCCI INC. 10 SALISBURY ROAD FRANKLIN, NH 03235-0429		CHARNS GEORGE B & SON, INC. 4 LEONARD ROAD WINDHAM, NH 03097	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
520.72026	CONCRETE BRIDGE DECK (QC/QA/PANEL OPTION)(F)	CY	485,000	\$1,500.00	\$727,500.00	\$1,150.00	\$557,750.00	\$1,300.00	\$630,500.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	260,000	\$80.00	\$20,800.00	\$85.00	\$22,100.00	\$100.00	\$26,000.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	107,000	\$50.00	\$5,350.00	\$40.00	\$4,280.00	\$75.00	\$8,025.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,290,000	\$30.00	\$98,700.00	\$17.60	\$57,904.00	\$19.50	\$64,155.00
540.31	CONCRETE ARMOR MATRIX COMPONENT	EA	2,352,000	\$75.00	\$176,400.00	\$70.00	\$164,640.00	\$67.00	\$157,584.00
540.33	SCOUR COUNTERMEASURE FILTER MATERIAL	CY	80,000	\$80.00	\$6,400.00	\$49.92	\$3,993.60	\$205.00	\$16,400.00
540.34	SCOUR COUNTERMEASURE BEDDING MATERIAL	CY	270,000	\$80.00	\$21,600.00	\$44.72	\$12,074.40	\$190.00	\$51,300.00
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	18,000	\$10.00	\$180.00	\$7.00	\$126.00	\$5.50	\$99.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	231,000	\$10.00	\$2,310.00	\$10.00	\$2,310.00	\$8.80	\$2,032.80
544.1	REINFORCING STEEL (ROADWAY)	LB	75,000	\$11.50	\$862.50	\$10.5	\$787.50	\$2.40	\$180.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	364,808,000	\$1.25	\$456,010.00	\$1.05	\$383,046.30	\$1.07	\$390,342.42
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	37,519,000	\$10.00	\$375,190.00	\$2.11	\$79,165.09	\$3.45	\$129,440.55
547.1	SHEAR CONNECTORS (F)	EA	7,104,000	\$5.00	\$35,520.00	\$5.87	\$41,700.48	\$5.00	\$35,520.00
547.2	SHEAR CONNECTORS (F)	EA	5,901,000	\$6.00	\$35,406.00	\$5.87	\$34,638.87	\$5.20	\$30,685.20
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	35,000	\$1,500.00	\$52,500.00	\$2,185.00	\$76,475.00	\$2,245.00	\$78,575.00
548.22	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	30,000	\$1,500.00	\$45,000.00	\$2,185.00	\$65,550.00	\$2,245.00	\$67,350.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1,000	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	\$47,300.00	\$47,300.00
550.192	TEMPORARY GIRDER SUPPORT SYSTEM	U	1,000	\$21,500.00	\$21,500.00	\$35,000.00	\$35,000.00	\$62,820.00	\$62,820.00
550.33	BRIDGE SCUPPER	EA	16,000	\$2,000.00	\$32,000.00	\$2,620.00	\$41,920.00	\$2,780.00	\$44,480.00
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1,000	\$60,000.00	\$60,000.00	\$96,500.00	\$96,500.00	\$101,000.00	\$101,000.00
556.102	PAINTING EXISTING STRUCTURAL STEEL	U	1,000	\$50,000.00	\$50,000.00	\$84,400.00	\$84,400.00	\$88,000.00	\$88,000.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	67,000	\$1,125.00	\$75,375.00	\$880.00	\$58,960.00	\$1,000.00	\$67,000.00
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	59,000	\$1,125.00	\$66,375.00	\$880.00	\$51,920.00	\$1,025.00	\$60,475.00
561.1203	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	55,000	\$1,125.00	\$61,875.00	\$880.00	\$48,400.00	\$1,030.00	\$56,650.00
561.1204	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	50,000	\$1,125.00	\$56,250.00	\$880.00	\$44,000.00	\$1,045.00	\$52,250.00
562.1	SILICONE JOINT SEALANT (F)	LF	342,000	\$15.00	\$5,130.00	\$25.00	\$8,550.00	\$18.00	\$6,156.00
563.23	BRIDGE RAIL T3	LF	1,357,000	\$150.00	\$203,550.00	\$122.85	\$166,707.45	\$128.00	\$173,696.00
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	247,000	\$40.00	\$9,880.00	\$40.95	\$10,114.65	\$43.00	\$10,621.00
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	8,000	\$5,500.00	\$44,000.00	\$5,750.00	\$46,000.00	\$6,000.00	\$48,000.00
583.5	RIPRAP, CLASS V	CY	50,000	\$120.00	\$6,000.00	\$182.00	\$9,100.00	\$110.00	\$5,500.00
585.2	STONE FILL, CLASS B	CY	50,000	\$80.00	\$4,000.00	\$66.60	\$3,330.00	\$68.00	\$3,400.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	470,000	\$4.00	\$1,880.00	\$4.00	\$987.00	\$2.25	\$1,057.50
603.30116	16" R.C. END SECTIONS	EA	1,000	\$850.00	\$850.00	\$1,404.00	\$1,404.00	\$1,060.00	\$1,060.00
603.30136	36" R.C. END SECTIONS	EA	1,000	\$1,500.00	\$1,500.00	\$2,288.00	\$2,288.00	\$1,300.00	\$1,300.00
603.99018	16" TEMPORARY DRAIN, PIPE	LF	25,000	\$100.00	\$2,500.00	\$109.00	\$2,725.00	\$27.00	\$675.00
603.99036	36" TEMPORARY DRAIN, PIPE	LF	20,000	\$120.00	\$2,400.00	\$156.00	\$3,120.00	\$53.00	\$1,060.00
604.0007	POLYETHYLENE LINER	EA	17,000	\$300.00	\$5,100.00	\$182.00	\$3,094.00	\$162.00	\$2,754.00
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2,000	\$3,000.00	\$6,000.00	\$3,328.00	\$6,656.00	\$2,215.00	\$4,430.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16,000	\$450.00	\$7,200.00	\$468.00	\$7,488.00	\$265.00	\$4,240.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1,000	\$800.00	\$800.00	\$468.00	\$468.00	\$265.00	\$265.00

Item No.	Description	Unit	Quantity	PS&E		BECK & BELLUCCI INC. 10 SALSBERY ROAD FRANKLIN, NH 03235-0428		CARRIS GEORGE B & SON, INC. 1 LEDGE ROAD WINDHAM, NH 03087	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3) (STEEL POST)	U	5,000	\$2,250.00	\$11,250.00	\$2,073.00	\$10,365.00	\$2,170.00	\$10,850.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	5,000	\$500.00	\$2,500.00	\$525.00	\$2,625.00	\$550.00	\$2,750.00
606.18001	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	5,700,000	\$20.00	\$114,000.00	\$18.00	\$102,600.00	\$19.00	\$108,300.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	860,000	\$120.00	\$103,200.00	\$25.00	\$21,500.00	\$200.00	\$172,000.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	30,000	\$20.00	\$600.00	\$7.35	\$220.50	\$7.70	\$231.00
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	1,000	\$400.00	\$400.00	\$157.00	\$157.00	\$165.00	\$165.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	3,000	\$6,000.00	\$18,000.00	\$7,800.00	\$23,400.00	\$7,485.00	\$22,455.00
606.953	TEMPORARY TRAFFIC CONTROL BARRIER, TEST LEVEL 3	LF	7,200,000	\$50.00	\$360,000.00	\$19.25	\$138,600.00	\$47.50	\$342,000.00
606.9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION (STEEL POSTS)	U	4,000	\$3,300.00	\$13,200.00	\$4,830.00	\$19,320.00	\$5,625.00	\$22,500.00
608.28	8" CONCRETE SIDEWALK (F)	SY	123,000	\$60.00	\$7,380.00	\$51.48	\$6,332.04	\$66.00	\$8,118.00
609.01	STRAIGHT GRANITE CURB	LF	80,000	\$50.00	\$4,000.00	\$24.18	\$1,934.40	\$24.00	\$1,920.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	640,000	\$20.00	\$12,800.00	\$19.90	\$12,736.00	\$20.00	\$12,800.00
609.224	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 4" HIGH	LF	2,000	\$75.00	\$150.00	\$19.50	\$39.00	\$20.00	\$40.00
609.5	RESET GRANITE CURB	LF	1,670,000	\$15.00	\$25,050.00	\$14.56	\$24,315.20	\$14.00	\$23,380.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	3,340,000	\$7.00	\$23,380.00	\$4.20	\$14,028.00	\$4.40	\$14,696.00
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	375,000	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$195.00	\$73,125.00
614.511	CONCRETE PULL BOX 14"	EA	6,000	\$600.00	\$3,600.00	\$630.00	\$3,780.00	\$660.00	\$3,960.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,250,000	\$10.00	\$12,500.00	\$10.50	\$13,125.00	\$11.00	\$13,750.00
615.0301	TRAFFIC SIGN TYPE C	SF	12,000	\$120.00	\$1,440.00	\$25.00	\$300.00	\$40.00	\$480.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	230,000,000	\$1.00	\$230,000.00	\$1.00	\$230,000.00	\$1.00	\$230,000.00
618.7	FLAGGERS	HR	200,000	\$25.00	\$5,000.00	\$27.00	\$5,400.00	\$24.00	\$4,800.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$550,000.00	\$550,000.00	\$128,500.00	\$128,500.00	\$224,000.00	\$224,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$6,000.00	\$12,000.00	\$16,500.00	\$33,000.00	\$13,200.00	\$26,400.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4,000	\$6,500.00	\$26,000.00	\$8,300.00	\$33,200.00	\$10,000.00	\$40,000.00
619.502	WORK ZONE OPERATION COST (WINTER)	MON	8,000	\$3,000.00	\$24,000.00	\$1,770.00	\$14,160.00	\$375.00	\$3,000.00
619.503	WORK ZONE OPERATION COST (SUMMER)	MON	16,000	\$1,600.00	\$25,600.00	\$835.00	\$13,360.00	\$137.00	\$2,192.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	144,000	\$800.00	\$115,200.00	\$645.00	\$92,880.00	\$715.00	\$102,960.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	144,000	\$1,250.00	\$180,000.00	\$865.00	\$124,560.00	\$990.00	\$142,560.00
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	48,000	\$1,500.00	\$72,000.00	\$1,139.00	\$54,672.00	\$1,045.00	\$50,160.00
619.81	RELOCATE SMART WORK ZONE DEVICE	U	2,000	\$500.00	\$1,000.00	\$260.00	\$520.00	\$440.00	\$880.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	70,000	\$4.50	\$315.00	\$7.00	\$490.00	\$4.40	\$308.00
621.31	SINGLE DELINEATOR WITH POST	EA	80,000	\$40.00	\$3,200.00	\$37.80	\$3,024.00	\$40.00	\$3,200.00
621.32	DOUBLE DELINEATOR WITH POST	EA	30,000	\$40.00	\$1,200.00	\$42.00	\$1,260.00	\$44.00	\$1,320.00
622.1	STEEL WITNESS MARKERS	EA	40,000	\$28.00	\$1,120.00	\$29.40	\$1,176.00	\$30.00	\$1,200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	8,700,000	\$2.00	\$17,400.00	\$2.10	\$18,270.00	\$1.00	\$8,700.00
631.024	MODULAR GLARE SCREEN	LF	4,000,000	\$23.00	\$92,000.00	\$10.00	\$40,000.00	\$30.00	\$120,000.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	98,000,000	\$0.25	\$24,500.00	\$0.16	\$15,680.00	\$0.17	\$16,660.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,460,000	\$0.50	\$2,730.00	\$0.26	\$1,417.00	\$0.28	\$1,528.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE), 4" LINE	LF	97,000,000	\$2.00	\$194,000.00	\$1.41	\$136,770.00	\$2.30	\$223,100.00
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE), 12" LINE	LF	3,800,000	\$10.00	\$38,000.00	\$4.20	\$15,960.00	\$5.25	\$19,950.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,800,000	\$2.00	\$3,600.00	\$2.10	\$3,780.00	\$2.20	\$3,960.00



Item No.	Description	Unit	Quantity	PS&E			BECK & BELLUCCI INC. 10 SALISBURY ROAD FRANKLIN, NH 03235-0429			CARINS GEORGE & SON, INC. 8 LEDGE ROAD WINDHAM, NH 03097		
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,750,000	\$3.00	\$8,250.00	\$3.15	\$8,662.50	\$3.30	\$9,075.00			
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	55,000,000	\$1.00	\$55,000.00	\$0.36	\$19,800.00	\$0.55	\$30,250.00			
643.22	FERTILIZER FOR REFERTILIZATION	TON	4,000	\$850.00	\$3,400.00	\$1,092.00	\$4,368.00	\$1,045.00	\$4,180.00			
645.0001	TURBIDITY BARRIER	LF	590,000	\$30.00	\$17,700.00	\$16.00	\$9,440.00	\$23.00	\$13,570.00			
645.3	EROSION STONE	TON	920,000	\$30.00	\$27,600.00	\$35.36	\$32,531.20	\$20.00	\$18,400.00			
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	35,500,000	\$2.00	\$71,000.00	\$2.08	\$73,840.00	\$1.65	\$58,575.00			
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,400,000	\$5.00	\$17,000.00	\$5.30	\$18,020.00	\$3.85	\$13,090.00			
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	650,000	\$5.00	\$3,250.00	\$2.34	\$1,521.00	\$4.40	\$2,860.00			
645.531	SILT FENCE	LF	5,700,000	\$4.00	\$22,800.00	\$2.60	\$14,820.00	\$2.75	\$15,675.00			
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1,000	\$10,000.00	\$10,000.00	\$2,600.00	\$2,600.00	\$2,750.00	\$2,750.00			
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,050,000	\$100.00	\$105,000.00	\$48.00	\$50,400.00	\$49.00	\$51,450.00			
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	8,000	\$15,000.00	\$120,000.00	\$6,030.00	\$48,240.00	\$8,000.00	\$64,000.00			
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1,000	\$250,000.00	\$250,000.00	\$212,000.00	\$212,000.00	\$285,000.00	\$285,000.00			
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1,000	\$200,000.00	\$200,000.00	\$132,700.00	\$132,700.00	\$137,000.00	\$137,000.00			
670.104	TEMPORARY PORTABLE LIGHTING	U	3,000	\$7,000.00	\$21,000.00	\$10,140.00	\$30,420.00	\$10,400.00	\$31,200.00			
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1,000	\$20,000.00	\$20,000.00	\$11,025.00	\$11,025.00	\$11,550.00	\$11,550.00			
677.41002	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1,000	\$20,000.00	\$20,000.00	\$11,025.00	\$11,025.00	\$11,550.00	\$11,550.00			
677.4101	CCTV SYSTEM	U	1,000	\$85,000.00	\$85,000.00	\$59,850.00	\$59,850.00	\$62,700.00	\$62,700.00			
677.4102	CCTV SYSTEM	U	1,000	\$85,000.00	\$85,000.00	\$59,850.00	\$59,850.00	\$62,700.00	\$62,700.00			
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	2,000	\$16,500.00	\$33,000.00	\$20,580.00	\$41,160.00	\$21,560.00	\$43,120.00			
677.63	METER AND DISCONNECT PEDESTAL	U	1,000	\$5,000.00	\$5,000.00	\$6,825.00	\$6,825.00	\$7,150.00	\$7,150.00			
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	4,675,000	\$13.00	\$60,775.00	\$7.35	\$34,361.25	\$7.70	\$35,997.50			
692.	MOBILIZATION	U	1,000	\$980,000.00	\$980,000.00	\$815,000.00	\$815,000.00	\$987,000.00	\$987,000.00			
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1,200,000	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00			
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1,000	\$5,000.00	\$5,000.00	\$420.00	\$420.00	\$450.00	\$450.00			
698.12	FIELD OFFICE TYPE B	MON	33,000	\$2,000.00	\$66,000.00	\$1,800.00	\$59,400.00	\$2,800.00	\$92,400.00			
698.2	PHYSICAL TESTING LABORATORY	MON	28,000	\$1,000.00	\$28,000.00	\$800.00	\$22,400.00	\$700.00	\$19,600.00			
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	80,000,000	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00			
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00			
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00			
1010.15	FUEL ADJUSTMENT	\$	100,000,000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00			
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000,000	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00			
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	16,747,500	\$1.00	\$16,747.50	\$1.00	\$16,747.50	\$1.00	\$16,747.50			
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	45,000,000	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00			
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00			

Totals: \$11,326,556.25 \$8,504,979.69 \$10,194,043.57

Item No.	Description	Unit	Quantity	PS&E		REED & REED, INC. 275 RIVER ROAD WOOLWICH, ME 04879		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-0312	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	40.000	\$20.00	\$800.00	\$8.00	\$320.00	\$4.00	\$160.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60.000	\$15.00	\$900.00	\$8.00	\$480.00	\$6.00	\$480.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	20.000	\$21.00	\$420.00	\$25.00	\$500.00	\$25.00	\$500.00
202.7	REMOVAL OF GUARDRAIL	LF	5,400.000	\$2.00	\$10,800.00	\$1.50	\$8,100.00	\$5.00	\$27,000.00
202.843	REMOVAL OF LIGHT POLE	U	6.000	\$1,500.00	\$9,000.00	\$200.00	\$1,200.00	\$1,175.00	\$7,050.00
203.1	COMMON EXCAVATION	CY	8,000.000	\$15.00	\$120,000.00	\$12.25	\$98,000.00	\$12.25	\$98,000.00
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.000	\$2,500.00	\$5,000.00	\$825.00	\$1,650.00	\$825.00	\$1,650.00
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.000	\$3,500.00	\$7,000.00	\$825.00	\$1,650.00	\$825.00	\$1,650.00
203.55543	GUARDRAIL EAQRT OFFSET PLATFORM, TL 3	U	5.000	\$1,500.00	\$7,500.00	\$1,050.00	\$5,250.00	\$1,050.00	\$5,250.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	6,062.000	\$12.00	\$72,744.00	\$13.40	\$81,230.80	\$13.40	\$81,230.80
206.1	COMMON STRUCTURE EXCAVATION	CY	65.000	\$100.00	\$6,500.00	\$40.00	\$2,600.00	\$35.00	\$2,275.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	200.000	\$100.00	\$20,000.00	\$100.00	\$20,000.00	\$75.00	\$15,000.00
206.2	ROCK STRUCTURE EXCAVATION	CY	2.000	\$100.00	\$200.00	\$250.00	\$500.00	\$250.00	\$500.00
207.1	COMMON CHANNEL EXCAVATION	CY	346.000	\$80.00	\$27,680.00	\$55.00	\$19,030.00	\$42.00	\$14,532.00
209.1	GRANULAR BACKFILL	CY	30.000	\$50.00	\$1,500.00	\$60.50	\$1,815.00	\$60.50	\$1,815.00
304.3	CRUSHED GRAVEL (F)	CY	110.000	\$30.00	\$3,300.00	\$44.00	\$4,840.00	\$44.00	\$4,840.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	390.000	\$50.00	\$19,500.00	\$36.85	\$14,371.50	\$36.85	\$14,371.50
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,837.000	\$35.00	\$64,295.00	\$32.00	\$58,784.00	\$32.00	\$58,784.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350.000	\$95.00	\$33,250.00	\$82.50	\$28,875.00	\$75.00	\$26,250.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (OC/QA TIER 2)	TON	3,850.000	\$87.00	\$334,950.00	\$61.00	\$234,850.00	\$62.00	\$238,700.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.000	\$175.00	\$21,000.00	\$115.00	\$13,800.00	\$110.00	\$13,200.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,850.000	\$2.00	\$7,700.00	\$1.50	\$5,775.00	\$1.25	\$4,812.50
403.6	PAVEMENT JOINT ADHESIVE	LF	34,400.000	\$0.75	\$25,800.00	\$0.30	\$10,320.00	\$0.25	\$8,600.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,913.000	\$0.75	\$2,934.75	\$2.50	\$9,782.50	\$1.00	\$3,913.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	188.000	\$265.00	\$49,820.00	\$150.00	\$28,200.00	\$150.00	\$28,200.00
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	1,410.000	\$91.00	\$128,310.00	\$67.00	\$94,470.00	\$65.00	\$91,650.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,700.000	\$85.00	\$229,500.00	\$62.00	\$167,400.00	\$65.00	\$175,500.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,000.000	\$3.00	\$9,000.00	\$2.50	\$7,500.00	\$4.00	\$12,000.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	12,500.000	\$5.00	\$62,500.00	\$5.50	\$68,750.00	\$1.50	\$18,750.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	16,350.000	\$3.00	\$49,050.00	\$1.00	\$16,350.00	\$1.65	\$26,977.50
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	16,350.000	\$3.00	\$49,050.00	\$2.00	\$32,700.00	\$2.00	\$32,700.00
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1.000	\$329,000.00	\$329,000.00	\$150,000.00	\$150,000.00	\$74,000.00	\$74,000.00
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$425,000.00	\$425,000.00	\$680,000.00	\$680,000.00	\$750,000.00	\$750,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$350,000.00	\$350,000.00	\$590,000.00	\$590,000.00	\$750,000.00	\$750,000.00
503.101	WATER DIVERSION STRUCTURE	U	1.000	\$45,000.00	\$45,000.00	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	160.000	\$40.00	\$6,400.00	\$50.00	\$8,000.00	\$35.00	\$5,600.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	24.000	\$1,250.00	\$30,000.00	\$400.00	\$9,600.00	\$2,000.00	\$48,000.00
520.01	CONCRETE CLASS AA	CY	8.000	\$1,500.00	\$12,000.00	\$3,500.00	\$28,000.00	\$2,000.00	\$16,000.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	55.000	\$1,775.00	\$97,625.00	\$1,600.00	\$88,000.00	\$1,500.00	\$82,500.00
520.1	CONCRETE CLASS A	CY	5.000	\$900.00	\$4,500.00	\$1,965.00	\$9,825.00	\$1,100.00	\$5,500.00
520.71026	CONCRETE BRIDGE DECK (OC/QA)(PANEL OPTION)(F)	CY	577.000	\$1,500.00	\$865,500.00	\$1,300.00	\$750,100.00	\$1,200.00	\$692,400.00

Item No.	Description	Unit	Quantity	PSAE			REED & REED, INC. 275 RIVER ROAD WOOLWICH, ME 04879			SWETT, E. D., INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512		
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
520.72026	CONCRETE BRIDGE DECK (QC/QA/PANEL OPTION)(F)	CY	485,000	\$1,500.00	\$727,500.00	\$1,300.00	\$630,500.00	\$1,200.00	\$582,000.00			
534.3	WATER REPELLENT (SILANESILOXANE)	GAL	260,000	\$60.00	\$20,800.00	\$100.00	\$26,000.00	\$75.00	\$19,500.00			
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	107,000	\$50.00	\$5,350.00	\$50.00	\$5,350.00	\$50.00	\$5,350.00			
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,290,000	\$30.00	\$98,700.00	\$16.75	\$55,107.50	\$20.00	\$65,800.00			
540.31	CONCRETE ARMOR MATRIX COMPONENT	EA	2,352,000	\$75.00	\$176,400.00	\$85.00	\$199,920.00	\$74.00	\$174,048.00			
540.33	SCOUR COUNTERMEASURE FILTER MATERIAL	CY	60,000	\$80.00	\$6,400.00	\$20.00	\$1,600.00	\$48.00	\$3,840.00			
540.34	SCOUR COUNTERMEASURE BEDDING MATERIAL	CY	270,000	\$80.00	\$21,600.00	\$65.00	\$17,550.00	\$43.00	\$11,610.00			
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	18,000	\$10.00	\$180.00	\$25.00	\$450.00	\$5.00	\$90.00			
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	231,000	\$10.00	\$2,310.00	\$15.00	\$3,465.00	\$10.00	\$2,310.00			
544.1	REINFORCING STEEL (ROADWAY)	LB	75,000	\$1.50	\$112.50	\$6.55	\$491.25	\$1.00	\$75.00			
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	364,806,000	\$1.25	\$456,007.50	\$1.00	\$364,806.00	\$1.20	\$437,767.20			
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	37,519,000	\$10.00	\$375,190.00	\$2.00	\$75,038.00	\$3.50	\$131,316.50			
547.1	SHEAR CONNECTORS (F)	EA	7,104,000	\$6.00	\$42,624.00	\$5.00	\$35,520.00	\$10.00	\$71,040.00			
547.2	SHEAR CONNECTORS (F)	EA	5,901,000	\$6.00	\$35,406.00	\$5.00	\$29,505.00	\$10.00	\$59,010.00			
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	35,000	\$1,500.00	\$52,500.00	\$2,500.00	\$87,500.00	\$5,000.00	\$175,000.00			
548.22	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	30,000	\$1,500.00	\$45,000.00	\$2,500.00	\$75,000.00	\$5,000.00	\$150,000.00			
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1,000	\$25,000.00	\$25,000.00	\$525,000.00	\$525,000.00	\$150,000.00	\$150,000.00			
550.192	TEMPORARY GIRDER SUPPORT SYSTEM	U	1,000	\$21,500.00	\$21,500.00	\$525,000.00	\$525,000.00	\$150,000.00	\$150,000.00			
550.33	BRIDGE SCUPPER	EA	16,000	\$2,000.00	\$32,000.00	\$2,200.00	\$35,200.00	\$3,000.00	\$48,000.00			
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1,000	\$60,000.00	\$60,000.00	\$91,906.00	\$91,906.00	\$100,000.00	\$100,000.00			
556.102	PAINTING EXISTING STRUCTURAL STEEL	U	1,000	\$50,000.00	\$50,000.00	\$80,342.00	\$80,342.00	\$100,000.00	\$100,000.00			
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	67,000	\$1,125.00	\$75,375.00	\$875.00	\$58,625.00	\$1,250.00	\$83,750.00			
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	59,000	\$1,125.00	\$66,375.00	\$875.00	\$51,625.00	\$1,250.00	\$73,750.00			
561.1203	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	55,000	\$1,125.00	\$61,875.00	\$875.00	\$48,125.00	\$1,250.00	\$68,750.00			
561.1204	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	50,000	\$1,125.00	\$56,250.00	\$875.00	\$43,750.00	\$1,250.00	\$62,500.00			
562.1	SILICONE JOINT SEALANT (F)	LF	342,000	\$15.00	\$5,130.00	\$10.00	\$3,420.00	\$15.00	\$5,130.00			
563.23	BRIDGE RAIL T3	LF	1,357,000	\$150.00	\$203,550.00	\$120.00	\$162,840.00	\$117.00	\$158,769.00			
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	247,000	\$40.00	\$9,880.00	\$39.00	\$9,633.00	\$39.00	\$9,633.00			
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	8,000	\$5,500.00	\$44,000.00	\$5,475.00	\$43,800.00	\$5,475.00	\$43,800.00			
583.5	RIPRAP, CLASS V	CY	50,000	\$120.00	\$6,000.00	\$250.00	\$12,500.00	\$175.00	\$8,750.00			
585.2	STONE FILL, CLASS B	CY	50,000	\$80.00	\$4,000.00	\$64.00	\$3,200.00	\$64.00	\$3,200.00			
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	470,000	\$4.00	\$1,880.00	\$3.00	\$1,410.00	\$2.00	\$940.00			
603.30118	18" R.C. END SECTIONS	EA	1,000	\$850.00	\$850.00	\$1,350.00	\$1,350.00	\$1,350.00	\$1,350.00			
603.30136	36" R.C. END SECTIONS	EA	1,000	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00			
603.99018	18" TEMPORARY DRAIN PIPE	LF	25,000	\$100.00	\$2,500.00	\$105.00	\$2,625.00	\$105.00	\$2,625.00			
603.99036	36" TEMPORARY DRAIN PIPE	LF	20,000	\$120.00	\$2,400.00	\$150.00	\$3,000.00	\$150.00	\$3,000.00			
604.0007	POLYETHYLENE LINER	EA	17,000	\$300.00	\$5,100.00	\$175.00	\$2,975.00	\$175.00	\$2,975.00			
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2,000	\$3,000.00	\$6,000.00	\$3,200.00	\$6,400.00	\$3,200.00	\$6,400.00			
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16,000	\$450.00	\$7,200.00	\$450.00	\$7,200.00	\$450.00	\$7,200.00			
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1,000	\$800.00	\$800.00	\$450.00	\$450.00	\$450.00	\$450.00			

Item No.	Description	Unit	Quantity	PS&E		REED & REED, INC. 1500 WOLF CREEK RD WOOLWICH, ME 04679		SWEET, L. D., INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4812	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606-1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	5,000	\$2,250.00	\$11,250.00	\$1,975.00	\$9,875.00	\$1,975.00	\$9,875.00
606-127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	5,000	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00
606-18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,700,000	\$20.00	\$114,000.00	\$17.25	\$98,325.00	\$17.25	\$98,325.00
606-4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	860,000	\$120.00	\$103,200.00	\$190.00	\$163,400.00	\$35.00	\$30,100.00
606-91	RESETTING OR SETTING GUARDRAIL	LF	30,000	\$20.00	\$600.00	\$7.00	\$210.00	\$7.00	\$210.00
606-9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	1,000	\$400.00	\$400.00	\$150.00	\$150.00	\$150.00	\$150.00
606-9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	3,000	\$6,000.00	\$18,000.00	\$8,500.00	\$25,500.00	\$5,000.00	\$15,000.00
606-983	TEMPORARY TRAFFIC CONTROL BARRIER, TEST LEVEL 3	LF	7,200,000	\$50.00	\$360,000.00	\$30.00	\$216,000.00	\$25.00	\$180,000.00
606-9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION (STEEL POSTS)	U	4,000	\$3,300.00	\$13,200.00	\$4,600.00	\$18,400.00	\$2,500.00	\$10,000.00
608-28	8" CONCRETE SIDEWALK (F)	SY	123,000	\$60.00	\$7,380.00	\$49.50	\$6,088.50	\$60.00	\$7,380.00
609-01	STRAIGHT GRANITE CURB	LF	80,000	\$50.00	\$4,000.00	\$23.25	\$1,860.00	\$23.25	\$1,860.00
609-214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	640,000	\$20.00	\$12,800.00	\$19.10	\$12,224.00	\$19.10	\$12,224.00
609-224	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 4" HIGH	LF	2,000	\$75.00	\$150.00	\$19.10	\$38.20	\$19.10	\$38.20
609-5	RESET GRANITE CURB	LF	1,670,000	\$15.00	\$25,050.00	\$14.00	\$23,380.00	\$14.00	\$23,380.00
609-811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	3,340,000	\$7.00	\$23,380.00	\$4.00	\$13,360.00	\$4.00	\$13,360.00
614-3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	375,000	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$80.00	\$30,000.00
614-511	CONCRETE PULL BOX 14"	EA	6,000	\$600.00	\$3,600.00	\$450.00	\$2,700.00	\$600.00	\$3,600.00
614-73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,250,000	\$10.00	\$12,500.00	\$20.00	\$25,000.00	\$10.00	\$12,500.00
615-0301	TRAFFIC SIGN TYPE C	SF	12,000	\$120.00	\$1,440.00	\$36.50	\$438.00	\$36.50	\$438.00
618-61	UNIFORMED OFFICERS WITH VEHICLE	\$	230,000,000	\$1.00	\$230,000.00	\$1.00	\$230,000.00	\$1.00	\$230,000.00
618-7	FLAGGERS	HR	200,000	\$25.00	\$5,000.00	\$24.00	\$4,800.00	\$25.00	\$5,000.00
619-1	MAINTENANCE OF TRAFFIC	U	1,000	\$550,000.00	\$550,000.00	\$325,000.00	\$325,000.00	\$250,000.00	\$250,000.00
619-25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$6,000.00	\$12,000.00	\$15,000.00	\$30,000.00	\$10,000.00	\$20,000.00
619-279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4,000	\$6,500.00	\$26,000.00	\$10,250.00	\$41,000.00	\$5,000.00	\$20,000.00
619-502	WORK ZONE OPERATION COST (WINTER)	MON	8,000	\$3,000.00	\$24,000.00	\$340.00	\$2,720.00	\$1,685.00	\$13,480.00
619-503	WORK ZONE OPERATION COST (SUMMER)	MON	16,000	\$1,600.00	\$25,600.00	\$125.00	\$2,000.00	\$795.00	\$12,720.00
619-51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	144,000	\$800.00	\$115,200.00	\$650.00	\$93,600.00	\$615.00	\$88,560.00
619-52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	144,000	\$1,250.00	\$180,000.00	\$900.00	\$129,600.00	\$825.00	\$118,800.00
619-54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	48,000	\$1,500.00	\$72,000.00	\$950.00	\$45,600.00	\$1,080.00	\$51,840.00
619-91	RELOCATE SMART WORK ZONE DEVICE	U	2,000	\$500.00	\$1,000.00	\$400.00	\$800.00	\$250.00	\$500.00
621-1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	70,000	\$4.50	\$315.00	\$4.00	\$280.00	\$4.00	\$280.00
621-31	SINGLE DELINEATOR WITH POST	EA	80,000	\$40.00	\$3,200.00	\$36.00	\$2,880.00	\$36.00	\$2,880.00
621-32	DOUBLE DELINEATOR WITH POST	EA	30,000	\$40.00	\$1,200.00	\$40.00	\$1,200.00	\$40.00	\$1,200.00
622-1	STEEL WITNESS MARKERS	EA	40,000	\$28.00	\$1,120.00	\$28.00	\$1,120.00	\$28.00	\$1,120.00
628-2	SAWED BITUMINOUS PAVEMENT	LF	8,700,000	\$2.00	\$17,400.00	\$2.50	\$21,750.00	\$2.00	\$17,400.00
631-024	MODULAR GLARE SCREEN	LF	4,000,000	\$23.00	\$92,000.00	\$17.00	\$68,000.00	\$25.00	\$100,000.00
632-0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	98,000,000	\$0.25	\$24,500.00	\$0.15	\$14,700.00	\$0.15	\$14,700.00
632-0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,460,000	\$0.50	\$2,730.00	\$0.25	\$1,365.00	\$0.25	\$1,365.00
632-1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	97,000,000	\$2.00	\$194,000.00	\$1.35	\$130,950.00	\$1.35	\$130,950.00
632-1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	3,800,000	\$10.00	\$38,000.00	\$4.00	\$15,200.00	\$4.00	\$15,200.00
632-3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,800,000	\$2.00	\$3,600.00	\$2.00	\$3,600.00	\$2.00	\$3,600.00

Item No.	Description	Unit	Quantity	PS&E		REED & REED, INC. 275 RIVER ROAD WOOLWICH, ME 04579		SWETT, E. D., INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-4512	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,750,000	\$3.00	\$8,250.00	\$3.00	\$8,250.00	\$3.00	\$8,250.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	55,000,000	\$1.00	\$55,000.00	\$0.35	\$19,250.00	\$0.35	\$19,250.00
643.22	FERTILIZER FOR REFERTILIZATION	TON	4,000	\$850.00	\$3,400.00	\$1,050.00	\$4,200.00	\$1,050.00	\$4,200.00
645.0001	TURBIDITY BARRIER	LF	590,000	\$30.00	\$17,700.00	\$35.00	\$20,650.00	\$35.00	\$20,650.00
645.3	EROSION STONE	TON	920,000	\$30.00	\$27,600.00	\$34.00	\$31,280.00	\$34.00	\$31,280.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	35,500,000	\$2.00	\$71,000.00	\$2.00	\$71,000.00	\$2.00	\$71,000.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,400,000	\$5.00	\$17,000.00	\$5.10	\$17,340.00	\$5.10	\$17,340.00
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	650,000	\$5.00	\$3,250.00	\$2.25	\$1,462.50	\$2.25	\$1,462.50
645.531	SILT FENCE	LF	5,700,000	\$4.00	\$22,800.00	\$2.50	\$14,250.00	\$2.50	\$14,250.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1,000	\$10,000.00	\$10,000.00	\$5,400.00	\$5,400.00	\$10,000.00	\$10,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,050,000	\$100.00	\$105,000.00	\$54.00	\$56,700.00	\$30.00	\$31,500.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	8,000	\$15,000.00	\$120,000.00	\$5,800.00	\$46,400.00	\$5,800.00	\$46,400.00
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1,000	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$300,000.00	\$300,000.00
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1,000	\$200,000.00	\$200,000.00	\$175,000.00	\$175,000.00	\$200,000.00	\$200,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	3,000	\$7,000.00	\$21,000.00	\$12,000.00	\$36,000.00	\$10,000.00	\$30,000.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1,000	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
677.41002	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1,000	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
677.4101	CCTV SYSTEM	U	1,000	\$85,000.00	\$85,000.00	\$33,000.00	\$33,000.00	\$57,000.00	\$57,000.00
677.4102	CCTV SYSTEM	U	1,000	\$85,000.00	\$85,000.00	\$33,000.00	\$33,000.00	\$57,000.00	\$57,000.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	2,000	\$16,500.00	\$33,000.00	\$6,500.00	\$13,000.00	\$19,500.00	\$39,000.00
677.63	METER AND DISCONNECT PEDESTAL	U	1,000	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$6,500.00	\$6,500.00
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	4,575,000	\$13.00	\$60,775.00	\$2.50	\$11,687.50	\$7.00	\$32,725.00
692.	MOBILIZATION	U	1,000	\$980,000.00	\$980,000.00	\$400,000.00	\$400,000.00	\$835,000.00	\$835,000.00
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1,200,000	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$1.00	\$1,200.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1,000	\$5,000.00	\$5,000.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00
698.12	FIELD OFFICE TYPE B	MON	33,000	\$2,000.00	\$66,000.00	\$3,000.00	\$99,000.00	\$1,500.00	\$49,500.00
698.2	PHYSICAL TESTING LABORATORY	MON	28,000	\$1,000.00	\$28,000.00	\$2,200.00	\$61,600.00	\$400.00	\$11,200.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	80,000,000	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00
1010.15	FUEL ADJUSTMENT	\$	100,000,000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000,000	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	16,747,500	\$1.00	\$16,747.50	\$1.00	\$16,747.50	\$1.00	\$16,747.50
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	45,000,000	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00

Totals:				\$11,326,556.25	\$10,289,976.25	\$10,330,457.70
---------	--	--	--	-----------------	-----------------	-----------------

Item No.	Description	Unit	Quantity	PS&E		PIPER, P. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490	
				Unit Price	Total	Unit Price	Total

**Items**

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	40,000	\$20.00	\$800,000	\$10.00	\$400,000
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60,000	\$15.00	\$900,000	\$10.00	\$600,000
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	20,000	\$21.00	\$420,000	\$20.00	\$400,000
202.7	REMOVAL OF GUARDRAIL	LF	5,400,000	\$2.00	\$10,800,000	\$2.00	\$10,800,000
202.843	REMOVAL OF LIGHT POLE	U	6,000	\$1,500.00	\$9,000,000	\$750.00	\$4,500,000
203.1	COMMON EXCAVATION	CY	8,000,000	\$15.00	\$120,000,000	\$9.00	\$72,000,000
203.58261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2,000	\$2,500.00	\$5,000,000	\$2,500.00	\$5,000,000
203.58262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2,000	\$3,500.00	\$7,000,000	\$2,500.00	\$5,000,000
203.58543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	5,000	\$1,500.00	\$7,500,000	\$2,250.00	\$11,250,000
203.6	EMBANKMENT-IN-PLACE (F)	CY	6,062,000	\$12.00	\$72,744,000	\$15.00	\$90,930,000
206.1	COMMON STRUCTURE EXCAVATION	CY	65,000	\$100.00	\$6,500,000	\$12.00	\$780,000
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	200,000	\$100.00	\$20,000,000	\$25.00	\$5,000,000
206.2	ROCK STRUCTURE EXCAVATION	CY	2,000	\$100.00	\$200,000	\$100.00	\$200,000
207.1	COMMON CHANNEL EXCAVATION	CY	346,000	\$80.00	\$27,680,000	\$24.00	\$8,304,000
209.1	GRANULAR BACKFILL	CY	30,000	\$50.00	\$1,500,000	\$50.00	\$1,500,000
304.3	CRUSHED GRAVEL (F)	CY	110,000	\$30.00	\$3,300,000	\$50.00	\$5,500,000
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	390,000	\$50.00	\$19,500,000	\$40.00	\$15,600,000
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,837,000	\$35.00	\$64,295,000	\$30.00	\$55,110,000
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350,000	\$95.00	\$33,250,000	\$88.00	\$30,800,000
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (OC/QA TIER 2)	TON	3,850,000	\$87.00	\$334,950,000	\$62.00	\$238,700,000
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120,000	\$175.00	\$21,000,000	\$115.00	\$13,800,000
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,850,000	\$2.00	\$7,700,000	\$1.60	\$6,160,000
403.6	PAVEMENT JOINT ADHESIVE	LF	34,400,000	\$0.75	\$25,800,000	\$0.55	\$18,920,000
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,913,000	\$0.75	\$2,934,750	\$3.70	\$14,478,100
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	188,000	\$265.00	\$49,820,000	\$130.00	\$24,440,000
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	1,410,000	\$91.00	\$128,310,000	\$68.00	\$95,880,000
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,700,000	\$65.00	\$175,500,000	\$68.00	\$183,600,000
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,000,000	\$3.00	\$9,000,000	\$2.60	\$7,800,000
417.	COLD PLANING BITUMINOUS SURFACES	SY	12,500,000	\$5.00	\$62,500,000	\$1.60	\$20,000,000
417.416	RUMBLE STRIPS, 16" WIDE	LF	16,350,000	\$3.00	\$49,050,000	\$1.50	\$24,525,000
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	16,350,000	\$3.00	\$49,050,000	\$2.10	\$34,335,000
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1,000	\$329,000.00	\$329,000,000	\$150,000.00	\$150,000,000
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1,000	\$425,000.00	\$425,000,000	\$880,000.00	\$880,000,000
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1,000	\$350,000.00	\$350,000,000	\$850,000.00	\$850,000,000
503.101	WATER DIVERSION STRUCTURE	U	1,000	\$45,000.00	\$45,000,000	\$125,000.00	\$125,000,000
504.1	COMMON BRIDGE EXCAVATION (F)	CY	160,000	\$40.00	\$6,400,000	\$15.00	\$2,400,000
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	24,000	\$1,250.00	\$30,000,000	\$500.00	\$12,000,000
520.01	CONCRETE CLASS AA	CY	8,000	\$1,500.00	\$12,000,000	\$3,100.00	\$24,800,000
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	55,000	\$1,775.00	\$97,625,000	\$1,200.00	\$66,000,000
520.1	CONCRETE CLASS A	CY	5,000	\$900.00	\$4,500,000	\$1,400.00	\$7,000,000
520.71026	CONCRETE BRIDGE DECK (OC/QA/PANEL OPTION)(F)	CY	577,000	\$1,500.00	\$865,500,000	\$1,160.00	\$669,320,000

Item No.	Description	Unit	Quantity	PS&E			PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0480		
				Unit Price	Total	Unit Price	Total	Unit Price	Total
520.72026	CONCRETE BRIDGE DECK (C/C/Q)/PANEL OPTION(F)	CY	485.000	\$1,500.00	\$727,500.00	\$1,160.00	\$562,600.00		
534.3	WATER REPELLANT (SILANE/SILOXANE)	GAL	260.000	\$80.00	\$20,800.00	\$100.00	\$26,000.00		
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	107.000	\$50.00	\$5,350.00	\$50.00	\$5,350.00		
538.8	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,290.000	\$30.00	\$98,700.00	\$17.25	\$56,752.50		
540.31	CONCRETE ARMOR MATRIX COMPONENT	EA	2,352.000	\$75.00	\$176,400.00	\$70.00	\$164,640.00		
540.33	SCOUR COUNTERMEASURE FILTER MATERIAL	CY	60.000	\$80.00	\$6,400.00	\$240.00	\$19,200.00		
540.34	SCOUR COUNTERMEASURE BEDDING MATERIAL	CY	270.000	\$80.00	\$21,600.00	\$130.00	\$35,100.00		
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	18.000	\$10.00	\$180.00	\$10.00	\$180.00		
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	231.000	\$10.00	\$2,310.00	\$11.00	\$2,541.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	75.000	\$1.50	\$112.50	\$2.00	\$150.00		
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	364,806.000	\$1.25	\$456,007.50	\$1.28	\$466,951.68		
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	37,519.000	\$10.00	\$375,190.00	\$2.70	\$101,301.30		
547.1	SHEAR CONNECTORS (F)	EA	7,104.000	\$6.00	\$42,624.00	\$4.50	\$31,968.00		
547.2	SHEAR CONNECTORS (F)	EA	5,901.000	\$6.00	\$35,406.00	\$4.50	\$26,554.50		
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	35.000	\$1,500.00	\$52,500.00	\$2,600.00	\$91,000.00		
548.22	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	30.000	\$1,500.00	\$45,000.00	\$2,600.00	\$78,000.00		
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.000	\$25,000.00	\$25,000.00	\$150,000.00	\$150,000.00		
550.192	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.000	\$21,500.00	\$21,500.00	\$130,000.00	\$130,000.00		
550.33	BRIDGE SCUPPER	EA	16.000	\$2,000.00	\$32,000.00	\$4,250.00	\$68,000.00		
556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.000	\$60,000.00	\$60,000.00	\$80,000.00	\$80,000.00		
556.102	PAINTING EXISTING STRUCTURAL STEEL	U	1.000	\$50,000.00	\$50,000.00	\$80,000.00	\$80,000.00		
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	67.000	\$1,125.00	\$75,375.00	\$1,070.00	\$71,690.00		
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	59.000	\$1,125.00	\$66,375.00	\$1,070.00	\$63,130.00		
561.1203	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	55.000	\$1,125.00	\$61,875.00	\$1,070.00	\$58,850.00		
561.1204	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	50.000	\$1,125.00	\$56,250.00	\$1,070.00	\$53,500.00		
562.1	SILICONE JOINT SEALANT (F)	LF	342.000	\$15.00	\$5,130.00	\$25.00	\$8,550.00		
563.23	BRIDGE RAIL T3	LF	1,357.000	\$150.00	\$203,550.00	\$125.00	\$169,625.00		
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	247.000	\$40.00	\$9,880.00	\$36.00	\$8,892.00		
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	8.000	\$5,500.00	\$44,000.00	\$5,500.00	\$44,000.00		
583.5	RIPRAP, CLASS V	CY	50.000	\$120.00	\$6,000.00	\$200.00	\$10,000.00		
585.2	STONE FILL, CLASS B	CY	50.000	\$80.00	\$4,000.00	\$60.00	\$3,000.00		
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	470.000	\$4.00	\$1,880.00	\$2.50	\$1,175.00		
603.30118	18" R.C. END SECTIONS	EA	1.000	\$850.00	\$850.00	\$950.00	\$950.00		
603.30136	36" R.C. END SECTIONS	EA	1.000	\$1,500.00	\$1,500.00	\$1,450.00	\$1,450.00		
603.99018	18" TEMPORARY DRAIN PIPE	LF	25.000	\$100.00	\$2,500.00	\$60.00	\$1,500.00		
603.99036	36" TEMPORARY DRAIN PIPE	LF	20.000	\$120.00	\$2,400.00	\$110.00	\$2,200.00		
604.0007	POLYETHYLENE LINER	EA	17.000	\$300.00	\$5,100.00	\$225.00	\$3,825.00		
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2.000	\$3,000.00	\$6,000.00	\$3,250.00	\$6,500.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16.000	\$450.00	\$7,200.00	\$450.00	\$7,200.00		
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1.000	\$800.00	\$800.00	\$450.00	\$450.00		

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0980	
				Unit Price	Total	Unit Price	Total
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	5,000	\$2,250.00	\$11,250.00	\$2,100.00	\$10,500.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	5,000	\$500.00	\$2,500.00	\$525.00	\$2,625.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,700,000	\$20.00	\$114,000.00	\$18.00	\$102,600.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	860,000	\$120.00	\$103,200.00	\$120.00	\$103,200.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	30,000	\$20.00	\$600.00	\$8.00	\$240.00
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	1,000	\$400.00	\$400.00	\$740.00	\$740.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	3,000	\$6,000.00	\$18,000.00	\$4,000.00	\$12,000.00
606.963	TEMPORARY TRAFFIC CONTROL BARRIER, TEST LEVEL 3	LF	7,200,000	\$50.00	\$360,000.00	\$30.00	\$216,000.00
606.9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION (STEEL POSTS)	U	4,000	\$3,300.00	\$13,200.00	\$4,500.00	\$18,000.00
608.28	8" CONCRETE SIDEWALK (F)	SY	123,000	\$60.00	\$7,380.00	\$38.00	\$4,674.00
609.01	STRAIGHT GRANITE CURB	LF	80,000	\$50.00	\$4,000.00	\$24.00	\$1,920.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	640,000	\$20.00	\$12,800.00	\$20.00	\$12,800.00
609.224	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 4" HIGH	LF	2,000	\$75.00	\$150.00	\$20.00	\$40.00
609.5	RESET GRANITE CURB	LF	1,670,000	\$15.00	\$25,050.00	\$12.00	\$20,040.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	3,340,000	\$7.00	\$23,380.00	\$4.25	\$14,195.00
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	375,000	\$110.00	\$41,250.00	\$85.00	\$31,875.00
614.511	CONCRETE PULL BOX 14"	EA	6,000	\$600.00	\$3,600.00	\$625.00	\$3,750.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,250,000	\$10.00	\$12,500.00	\$10.50	\$13,125.00
615.0301	TRAFFIC SIGN TYPE C	SF	12,000	\$120.00	\$1,440.00	\$41.00	\$492.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	230,000,000	\$1.00	\$230,000.00	\$1.00	\$230,000.00
618.7	FLAGGERS	HR	200,000	\$25.00	\$5,000.00	\$26.00	\$5,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1,000	\$550,000.00	\$550,000.00	\$275,000.00	\$275,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2,000	\$6,000.00	\$12,000.00	\$15,000.00	\$30,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4,000	\$6,500.00	\$26,000.00	\$8,000.00	\$32,000.00
619.502	WORK ZONE OPERATION COST (WINTER)	MON	8,000	\$3,000.00	\$24,000.00	\$1,750.00	\$14,000.00
619.503	WORK ZONE OPERATION COST (SUMMER)	MON	16,000	\$1,600.00	\$25,600.00	\$840.00	\$13,440.00
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	144,000	\$800.00	\$115,200.00	\$650.00	\$93,600.00
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	144,000	\$1,250.00	\$180,000.00	\$870.00	\$125,280.00
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	48,000	\$1,500.00	\$72,000.00	\$1,100.00	\$52,800.00
619.91	RELOCATE SMART WORK ZONE DEVICE	U	2,000	\$500.00	\$1,000.00	\$280.00	\$520.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	70,000	\$4.50	\$315.00	\$20.00	\$1,400.00
621.31	SINGLE DELINEATOR WITH POST	EA	80,000	\$40.00	\$3,200.00	\$40.00	\$3,200.00
621.32	DOUBLE DELINEATOR WITH POST	EA	30,000	\$40.00	\$1,200.00	\$42.00	\$1,260.00
622.1	STEEL WITNESS MARKERS	EA	40,000	\$28.00	\$1,120.00	\$30.00	\$1,200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	8,700,000	\$2.00	\$17,400.00	\$2.00	\$17,400.00
631.024	MODULAR GLARE SCREEN	LF	4,000,000	\$23.00	\$92,000.00	\$20.00	\$80,000.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	98,000,000	\$0.25	\$24,500.00	\$0.16	\$15,680.00
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,450,000	\$0.50	\$2,725.00	\$0.26	\$1,417.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	97,000,000	\$2.00	\$194,000.00	\$1.45	\$140,650.00
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	3,800,000	\$10.00	\$38,000.00	\$4.20	\$15,960.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,800,000	\$2.00	\$3,600.00	\$2.10	\$3,780.00



Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03284-0490	
				Unit Price	Total	Unit Price	Total
832.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,750,000	\$3.00	\$8,250.00	\$3.15	\$8,662.50
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	55,000,000	\$1.00	\$55,000.00	\$0.37	\$20,350.00
643.22	FERTILIZER FOR REFERTILIZATION	TON	4,000	\$850.00	\$3,400.00	\$1,000.00	\$4,000.00
645.0001	TURBIDITY BARRIER	LF	590,000	\$30.00	\$17,700.00	\$30.00	\$17,700.00
645.3	EROSION STONE	TON	920,000	\$30.00	\$27,600.00	\$27.50	\$25,300.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	35,500,000	\$2.00	\$71,000.00	\$1.60	\$56,800.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,400,000	\$5.00	\$17,000.00	\$3.70	\$12,580.00
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	650,000	\$5.00	\$3,250.00	\$4.25	\$2,762.50
645.531	SILT FENCE	LF	5,700,000	\$4.00	\$22,800.00	\$2.00	\$11,400.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1,000	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,050,000	\$100.00	\$105,000.00	\$57.00	\$59,850.00
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	8,000	\$15,000.00	\$120,000.00	\$8,500.00	\$68,000.00
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1,000	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1,000	\$200,000.00	\$200,000.00	\$180,000.00	\$180,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	3,000	\$7,000.00	\$21,000.00	\$6,000.00	\$18,000.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1,000	\$20,000.00	\$20,000.00	\$11,000.00	\$11,000.00
677.41002	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1,000	\$20,000.00	\$20,000.00	\$11,000.00	\$11,000.00
677.4101	CCTV SYSTEM	U	1,000	\$85,000.00	\$85,000.00	\$60,000.00	\$60,000.00
677.4102	CCTV SYSTEM	U	1,000	\$85,000.00	\$85,000.00	\$60,000.00	\$60,000.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	2,000	\$16,500.00	\$33,000.00	\$20,000.00	\$40,000.00
677.63	METER AND DISCONNECT PEDESTAL	U	1,000	\$5,000.00	\$5,000.00	\$6,800.00	\$6,800.00
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	4,675,000	\$13.00	\$60,775.00	\$7.50	\$35,062.50
692.	MOBILIZATION	U	1,000	\$980,000.00	\$980,000.00	\$800,000.00	\$800,000.00
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1,200,000	\$1.00	\$1,200.00	\$1.00	\$1,200.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1,000	\$5,000.00	\$5,000.00	\$1,200.00	\$1,200.00
698.12	FIELD OFFICE TYPE B	MON	33,000	\$2,000.00	\$66,000.00	\$1,200.00	\$39,600.00
698.2	PHYSICAL TESTING LABORATORY	MON	28,000	\$1,000.00	\$28,000.00	\$1,000.00	\$28,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	80,000,000	\$1.00	\$80,000.00	\$1.00	\$80,000.00
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00
1010.15	FUEL ADJUSTMENT	\$	100,000,000	\$1.00	\$100,000.00	\$1.00	\$100,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000,000	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	16,747,500	\$1.00	\$16,747.50	\$1.00	\$16,747.50
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	45,000,000	\$1.00	\$45,000.00	\$1.00	\$45,000.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	35,000,000	\$1.00	\$35,000.00	\$1.00	\$35,000.00

Totals:

\$11,326,556.25

\$10,427,226.08



# PS&E Comparison

NORTHFIELD - TILTON, NORTHFIELD - TILTON  
 16147, 14744A  
 X-A001(153), X-A001(042)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	40.000	\$4.16	\$166.40	\$20.00	\$800.00	(\$633.60)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60.000	\$8.32	\$499.20	\$15.00	\$900.00	(\$400.80)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	20.000	\$26.00	\$520.00	\$21.00	\$420.00	\$100.00
202.7	REMOVAL OF GUARDRAIL	LF	5,400.000	\$2.00	\$10,800.00	\$2.00	\$10,800.00	\$0.00
202.843	REMOVAL OF LIGHT POLE	U	6.000	\$709.00	\$4,254.00	\$1,500.00	\$9,000.00	(\$4,746.00)
203.1	COMMON EXCAVATION	CY	8,000.000	\$12.74	\$101,920.00	\$15.00	\$120,000.00	(\$18,080.00)
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.000	\$858.00	\$1,716.00	\$2,500.00	\$5,000.00	(\$3,284.00)
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.000	\$858.00	\$1,716.00	\$3,500.00	\$7,000.00	(\$5,284.00)
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	5.000	\$1,092.00	\$5,460.00	\$1,500.00	\$7,500.00	(\$2,040.00)
203.6	EMBANKMENT-IN-PLACE (F)	CY	6,062.000	\$13.93	\$84,443.66	\$12.00	\$72,744.00	\$11,699.66
206.1	COMMON STRUCTURE EXCAVATION	CY	65.000	\$36.40	\$2,366.00	\$100.00	\$6,500.00	(\$4,134.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	200.000	\$78.00	\$15,600.00	\$100.00	\$20,000.00	(\$4,400.00)
206.2	ROCK STRUCTURE EXCAVATION	CY	2.000	\$260.00	\$520.00	\$100.00	\$200.00	\$320.00
207.1	COMMON CHANNEL EXCAVATION	CY	346.000	\$43.68	\$15,113.28	\$80.00	\$27,680.00	(\$12,566.72)

## Items

209.1	GRANULAR BACKFILL	CY	30.000	\$63.00	\$1,890.00	\$50.00	\$1,500.00	\$390.00
304.3	CRUSHED GRAVEL (F)	CY	110.000	\$45.75	\$5,032.50	\$30.00	\$3,300.00	\$1,732.50
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	390.000	\$38.30	\$14,937.00	\$50.00	\$19,500.00	(\$4,563.00)
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,837.000	\$33.30	\$61,172.10	\$35.00	\$64,295.00	(\$3,122.90)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350.000	\$86.60	\$30,310.00	\$95.00	\$33,250.00	(\$2,940.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	3,850.000	\$63.00	\$242,550.00	\$87.00	\$334,950.00	(\$92,400.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	120.000	\$115.50	\$13,860.00	\$175.00	\$21,000.00	(\$7,140.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,850.000	\$1.57	\$6,044.50	\$2.00	\$7,700.00	(\$1,655.50)
403.6	PAVEMENT JOINT ADHESIVE	LF	34,400.000	\$0.25	\$8,600.00	\$0.75	\$25,800.00	(\$17,200.00)
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,913.000	\$0.99	\$3,873.87	\$0.75	\$2,934.75	\$939.12
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	188.000	\$131.00	\$24,628.00	\$265.00	\$49,820.00	(\$25,192.00)
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	1,410.000	\$70.00	\$98,700.00	\$91.00	\$128,310.00	(\$29,610.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,700.000	\$65.00	\$175,500.00	\$85.00	\$229,500.00	(\$54,000.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,000.000	\$2.60	\$7,800.00	\$3.00	\$9,000.00	(\$1,200.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	12,500.000	\$1.58	\$19,750.00	\$5.00	\$62,500.00	(\$42,750.00)
417.416	RUMBLE STRIPS, 16" WIDE	LF	16,350.000	\$0.32	\$5,232.00	\$3.00	\$49,050.00	(\$43,818.00)
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	16,350.000	\$1.84	\$30,084.00	\$3.00	\$49,050.00	(\$18,966.00)
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1.000	\$100,000.00	\$100,000.00	\$329,000.00	\$329,000.00	(\$229,000.00)
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$421,390.00	\$421,390.00	\$425,000.00	\$425,000.00	(\$3,610.00)
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$346,585.00	\$346,585.00	\$350,000.00	\$350,000.00	(\$3,415.00)
503.101	WATER DIVERSION STRUCTURE	U	1.000	\$59,000.00	\$59,000.00	\$45,000.00	\$45,000.00	\$14,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	160.000	\$36.40	\$5,824.00	\$40.00	\$6,400.00	(\$576.00)
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	24.000	\$750.00	\$18,000.00	\$1,250.00	\$30,000.00	(\$12,000.00)

520.01	CONCRETE CLASS AA	CY	8.000	\$1,000.00	\$8,000.00	\$1,500.00	\$12,000.00	\$1,500.00	(\$4,000.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	55.000	\$900.00	\$49,500.00	\$1,775.00	\$97,625.00	\$1,775.00	(\$48,125.00)
520.1	CONCRETE CLASS A	CY	5.000	\$1,155.00	\$5,775.00	\$900.00	\$4,500.00	\$900.00	\$1,275.00
520.71026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	577.000	\$1,150.00	\$663,550.00	\$1,500.00	\$865,500.00	\$1,500.00	(\$201,950.00)
520.72026	CONCRETE BRIDGE DECK (QC/QA)(PANEL OPTION)(F)	CY	485.000	\$1,150.00	\$557,750.00	\$1,500.00	\$727,500.00	\$1,500.00	(\$169,750.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	260.000	\$85.00	\$22,100.00	\$80.00	\$20,800.00	\$80.00	\$1,300.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	107.000	\$40.00	\$4,280.00	\$50.00	\$5,350.00	\$50.00	(\$1,070.00)
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	3,290.000	\$17.60	\$57,904.00	\$30.00	\$98,700.00	\$30.00	(\$40,796.00)
540.31	CONCRETE ARMOR MATRIX COMPONENT	EA	2,352.000	\$70.00	\$164,640.00	\$75.00	\$176,400.00	\$75.00	(\$11,760.00)
540.33	SCOUR COUNTERMEASURE FILTER MATERIAL	CY	80.000	\$49.92	\$3,993.60	\$80.00	\$6,400.00	\$80.00	(\$2,406.40)
540.34	SCOUR COUNTERMEASURE BEDDING MATERIAL	CY	270.000	\$44.72	\$12,074.40	\$80.00	\$21,600.00	\$80.00	(\$9,525.60)
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	18.000	\$7.00	\$126.00	\$10.00	\$180.00	\$10.00	(\$54.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	231.000	\$10.00	\$2,310.00	\$10.00	\$2,310.00	\$10.00	\$0.00
544.1	REINFORCING STEEL (ROADWAY)	LB	75.000	\$1.05	\$78.75	\$1.50	\$112.50	\$1.50	(\$33.75)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	364,806.000	\$1.05	\$383,046.30	\$1.25	\$456,007.50	\$1.25	(\$72,961.20)
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	37,519.000	\$2.11	\$79,165.09	\$10.00	\$375,190.00	\$10.00	(\$296,024.91)
547.1	SHEAR CONNECTORS (F)	EA	7,104.000	\$5.87	\$41,700.48	\$6.00	\$42,624.00	\$6.00	(\$923.52)
547.2	SHEAR CONNECTORS (F)	EA	5,901.000	\$5.87	\$34,638.87	\$6.00	\$35,406.00	\$6.00	(\$767.13)
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	35.000	\$2,185.00	\$76,475.00	\$1,500.00	\$52,500.00	\$1,500.00	\$23,975.00
548.22	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	30.000	\$2,185.00	\$65,550.00	\$1,500.00	\$45,000.00	\$1,500.00	\$20,550.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.000	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$10,000.00
550.192	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.000	\$35,000.00	\$35,000.00	\$21,500.00	\$21,500.00	\$21,500.00	\$13,500.00
550.33	BRIDGE SCUPPER	EA	16.000	\$2,620.00	\$41,920.00	\$2,000.00	\$32,000.00	\$2,000.00	\$9,920.00

556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.000	\$96,500.00	\$96,500.00	\$60,000.00	\$60,000.00	\$60,000.00	\$36,500.00
556.102	PAINTING EXISTING STRUCTURAL STEEL	U	1.000	\$84,400.00	\$84,400.00	\$50,000.00	\$50,000.00	\$50,000.00	\$34,400.00
561.1201	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	67.000	\$880.00	\$58,960.00	\$1,125.00	\$75,375.00	\$75,375.00	(\$16,415.00)
561.1202	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	59.000	\$880.00	\$51,920.00	\$1,125.00	\$66,375.00	\$66,375.00	(\$14,455.00)
561.1203	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	55.000	\$880.00	\$48,400.00	\$1,125.00	\$61,875.00	\$61,875.00	(\$13,475.00)
561.1204	PREFABRICATED STRIP SEAL EXPANSION JOINT W/ PLOW PLATES (F)	LF	50.000	\$880.00	\$44,000.00	\$1,125.00	\$56,250.00	\$56,250.00	(\$12,250.00)
562.1	SILICONE JOINT SEALANT (F)	LF	342.000	\$25.00	\$8,550.00	\$15.00	\$5,130.00	\$5,130.00	\$3,420.00
563.23	BRIDGE RAIL T3	LF	1,357.000	\$122.85	\$166,707.45	\$150.00	\$203,550.00	\$203,550.00	(\$36,842.55)
563.923	SNOW SCREENING FOR OVERPASS STRUCTURES T2 OR T4 RAIL	LF	247.000	\$40.95	\$10,114.65	\$40.00	\$9,880.00	\$9,880.00	\$234.65
565.232	BRIDGE APPROACH RAIL T3 (STEEL POSTS)	U	8.000	\$5,750.00	\$46,000.00	\$5,500.00	\$44,000.00	\$44,000.00	\$2,000.00
583.5	RIPRAP, CLASS V	CY	50.000	\$182.00	\$9,100.00	\$120.00	\$6,000.00	\$6,000.00	\$3,100.00
585.2	STONE FILL, CLASS B	CY	50.000	\$66.60	\$3,330.00	\$80.00	\$4,000.00	\$4,000.00	(\$670.00)
593.421	GEOTEXTILE, PERM CONTROL CL.2, NON-WOVEN	SY	470.000	\$2.10	\$987.00	\$4.00	\$1,880.00	\$1,880.00	(\$893.00)
603.30118	18" R.C. END SECTIONS	EA	1.000	\$1,404.00	\$1,404.00	\$850.00	\$850.00	\$850.00	\$554.00
603.30136	36" R.C. END SECTIONS	EA	1.000	\$2,288.00	\$2,288.00	\$1,500.00	\$1,500.00	\$1,500.00	\$788.00
603.99018	18" TEMPORARY DRAIN. PIPE	LF	25.000	\$109.00	\$2,725.00	\$100.00	\$2,500.00	\$2,500.00	\$225.00
603.99036	36" TEMPORARY DRAIN. PIPE	LF	20.000	\$156.00	\$3,120.00	\$120.00	\$2,400.00	\$2,400.00	\$720.00
604.0007	POLYETHYLENE LINER	EA	17.000	\$182.00	\$3,094.00	\$300.00	\$5,100.00	\$5,100.00	(\$2,006.00)
604.125	CATCH BASINS TYPE B, 5-FOOT DIAMETER	U	2.000	\$3,328.00	\$6,656.00	\$3,000.00	\$6,000.00	\$6,000.00	\$656.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16.000	\$468.00	\$7,488.00	\$450.00	\$7,200.00	\$7,200.00	\$288.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1.000	\$468.00	\$468.00	\$800.00	\$800.00	\$800.00	(\$332.00)

606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	5.000	\$2,073.00	\$10,365.00	\$2,250.00	\$11,250.00	(\$885.00)
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	5.000	\$525.00	\$2,625.00	\$500.00	\$2,500.00	\$125.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	5,700.000	\$18.00	\$102,600.00	\$20.00	\$114,000.00	(\$11,400.00)
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	860.000	\$25.00	\$21,500.00	\$120.00	\$103,200.00	(\$81,700.00)
606.91	RESETTING OR SETTING GUARDRAIL	LF	30.000	\$7.35	\$220.50	\$20.00	\$600.00	(\$379.50)
606.9147	RESETTING TERMINAL UNIT (TYPE G-2)	U	1.000	\$157.00	\$157.00	\$400.00	\$400.00	(\$243.00)
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	3.000	\$7,800.00	\$23,400.00	\$6,000.00	\$18,000.00	\$5,400.00
606.953	TEMPORARY TRAFFIC CONTROL BARRIER, TEST LEVEL 3	LF	7,200.000	\$19.25	\$138,600.00	\$50.00	\$360,000.00	(\$221,400.00)
606.9632	TEMPORARY BARRIER TO BRIDGE RAIL TRANSITION (STEEL POSTS)	U	4.000	\$4,830.00	\$19,320.00	\$3,300.00	\$13,200.00	\$6,120.00
608.28	8" CONCRETE SIDEWALK (F)	SY	123.000	\$51.48	\$6,332.04	\$60.00	\$7,380.00	(\$1,047.96)
609.01	STRAIGHT GRANITE CURB	LF	80.000	\$24.18	\$1,934.40	\$50.00	\$4,000.00	(\$2,065.60)
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	640.000	\$19.90	\$12,736.00	\$20.00	\$12,800.00	(\$64.00)
609.224	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 4" HIGH	LF	2.000	\$19.50	\$39.00	\$75.00	\$150.00	(\$111.00)
609.5	RESET GRANITE CURB	LF	1,670.000	\$14.56	\$24,315.20	\$15.00	\$25,050.00	(\$734.80)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	3,340.000	\$4.20	\$14,028.00	\$7.00	\$23,380.00	(\$9,352.00)
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	375.000	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$0.00
614.511	CONCRETE PULL BOX 14"	EA	6.000	\$630.00	\$3,780.00	\$600.00	\$3,600.00	\$180.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	1,250.000	\$10.50	\$13,125.00	\$10.00	\$12,500.00	\$625.00
615.0301	TRAFFIC SIGN TYPE C	SF	12.000	\$25.00	\$300.00	\$120.00	\$1,440.00	(\$1,140.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	230,000.000	\$1.00	\$230,000.00	\$1.00	\$230,000.00	\$0.00
618.7	FLAGGERS	HR	200.000	\$27.00	\$5,400.00	\$25.00	\$5,000.00	\$400.00
619.1	MAINTENANCE OF TRAFFIC	U	1.000	\$128,500.00	\$128,500.00	\$550,000.00	\$550,000.00	(\$421,500.00)

619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.000	\$16,500.00	\$33,000.00	\$6,000.00	\$12,000.00	\$21,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.000	\$8,300.00	\$33,200.00	\$6,500.00	\$26,000.00	\$7,200.00
619.502	WORK ZONE OPERATION COST (WINTER)	MON	8.000	\$1,770.00	\$14,160.00	\$3,000.00	\$24,000.00	(\$9,840.00)
619.503	WORK ZONE OPERATION COST (SUMMER)	MON	16.000	\$835.00	\$13,360.00	\$1,600.00	\$25,600.00	(\$12,240.00)
619.51	PORTABLE QUEUE TRAILER / SENSOR (PQT)	MON	144.000	\$645.00	\$92,880.00	\$800.00	\$115,200.00	(\$22,320.00)
619.52	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	MON	144.000	\$865.00	\$124,560.00	\$1,250.00	\$180,000.00	(\$55,440.00)
619.54	MOBILE VIDEO TRAILER WITH PAN TILT ZOOM (PTZ)	MON	48.000	\$1,139.00	\$54,672.00	\$1,500.00	\$72,000.00	(\$17,328.00)
619.91	RELOCATE SMART WORK ZONE DEVICE	U	2.000	\$260.00	\$520.00	\$500.00	\$1,000.00	(\$480.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	70.000	\$7.00	\$490.00	\$4.50	\$315.00	\$175.00
621.31	SINGLE DELINEATOR WITH POST	EA	80.000	\$37.80	\$3,024.00	\$40.00	\$3,200.00	(\$176.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	30.000	\$42.00	\$1,260.00	\$40.00	\$1,200.00	\$60.00
622.1	STEEL WITNESS MARKERS	EA	40.000	\$29.40	\$1,176.00	\$28.00	\$1,120.00	\$56.00
628.2	SAVED BITUMINOUS PAVEMENT	LF	8,700.000	\$2.10	\$18,270.00	\$2.00	\$17,400.00	\$870.00
631.024	MODULAR GLARE SCREEN	LF	4,000.000	\$10.00	\$40,000.00	\$23.00	\$92,000.00	(\$52,000.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	98,000.000	\$0.16	\$15,680.00	\$0.25	\$24,500.00	(\$8,820.00)
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	5,450.000	\$0.26	\$1,417.00	\$0.50	\$2,725.00	(\$1,308.00)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	97,000.000	\$1.41	\$136,770.00	\$2.00	\$194,000.00	(\$57,230.00)
632.1112	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 12" LINE	LF	3,800.000	\$4.20	\$15,960.00	\$10.00	\$38,000.00	(\$22,040.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,800.000	\$2.10	\$3,780.00	\$2.00	\$3,600.00	\$180.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	2,750.000	\$3.15	\$8,662.50	\$3.00	\$8,250.00	\$412.50
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	55,000.000	\$0.36	\$19,800.00	\$1.00	\$55,000.00	(\$35,200.00)
643.22	FERTILIZER FOR REFERTILIZATION	TON	4.000	\$1,092.00	\$4,368.00	\$850.00	\$3,400.00	\$968.00

645.0001	TURBIDITY BARRIER	LF	590.000	\$16.00	\$9,440.00	\$30.00	\$17,700.00	(\$8,260.00)
645.3	EROSION STONE	TON	920.000	\$35.36	\$32,531.20	\$30.00	\$27,600.00	\$4,931.20
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	35,500.000	\$2.08	\$73,840.00	\$2.00	\$71,000.00	\$2,840.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,400.000	\$5.30	\$18,020.00	\$5.00	\$17,000.00	\$1,020.00
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	650.000	\$2.34	\$1,521.00	\$5.00	\$3,250.00	(\$1,729.00)
645.531	SILT FENCE	LF	5,700.000	\$2.60	\$14,820.00	\$4.00	\$22,800.00	(\$7,980.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.000	\$2,600.00	\$2,600.00	\$10,000.00	\$10,000.00	(\$7,400.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	1,050.000	\$48.00	\$50,400.00	\$100.00	\$105,000.00	(\$54,600.00)
646.4	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	A	8.000	\$6,030.00	\$48,240.00	\$15,000.00	\$120,000.00	(\$71,760.00)
670.04501	CONSTRUCT AND REMOVE DIVERSION	U	1.000	\$212,000.00	\$212,000.00	\$250,000.00	\$250,000.00	(\$38,000.00)
670.04502	CONSTRUCT AND REMOVE DIVERSION	U	1.000	\$132,700.00	\$132,700.00	\$200,000.00	\$200,000.00	(\$67,300.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	3.000	\$10,140.00	\$30,420.00	\$7,000.00	\$21,000.00	\$9,420.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.000	\$11,025.00	\$11,025.00	\$20,000.00	\$20,000.00	(\$8,975.00)
677.41002	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.000	\$11,025.00	\$11,025.00	\$20,000.00	\$20,000.00	(\$8,975.00)
677.4101	CCTV SYSTEM	U	1.000	\$59,850.00	\$59,850.00	\$85,000.00	\$85,000.00	(\$25,150.00)
677.4102	CCTV SYSTEM	U	1.000	\$59,850.00	\$59,850.00	\$85,000.00	\$85,000.00	(\$25,150.00)
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	2.000	\$20,580.00	\$41,160.00	\$16,500.00	\$33,000.00	\$8,160.00
677.63	METER AND DISCONNECT PEDESTAL	U	1.000	\$6,825.00	\$6,825.00	\$5,000.00	\$5,000.00	\$1,825.00
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	4,675.000	\$7.35	\$34,361.25	\$13.00	\$60,775.00	(\$26,413.75)
692.	MOBILIZATION	U	1.000	\$815,000.00	\$815,000.00	\$880,000.00	\$880,000.00	(\$65,000.00)
693.	ON-THE-JOB TRAINING OF UNSKILLED WORKERS	\$	1,200.000	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$0.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.000	\$420.00	\$420.00	\$5,000.00	\$5,000.00	(\$4,580.00)



698.12	FIELD OFFICE TYPE B	MON	33.000	\$1,800.00	\$59,400.00	\$2,000.00	\$66,000.00	(\$6,600.00)
698.2	PHYSICAL TESTING LABORATORY	MON	28.000	\$800.00	\$22,400.00	\$1,000.00	\$28,000.00	(\$5,600.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	80,000.000	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$0.00
1002.11	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000.000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00
1002.12	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	35,000.000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	100,000.000	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.000	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	16,747.500	\$1.00	\$16,747.50	\$1.00	\$16,747.50	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	45,000.000	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$0.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	35,000.000	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00

**Total:** \$8,504,979.69 \$11,326,556.25 (\$2,821,576.56)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/19/2016

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).

<b>PRODUCER</b> <b>THE ROWLEY AGENCY INC.</b> 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Christine Holman, CPCU, CIC <b>PHONE (A/C No, Ext):</b> (603) 224-2562 <b>E-MAIL ADDRESS:</b> cholman@rowleyagency.com	<b>FAX (A/C, No):</b> (603) 224-8012
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> <b>Beck &amp; Bellucci Inc.</b> <b>Miller Construction Inc.</b> P.O. Box 429 Franklin NH 03235-0429	<b>INSURER A:</b> Travelers <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	<b>NAIC #</b> 28188

**COVERAGES**                      **CERTIFICATE NUMBER: 16-17 B & B**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			DTC02572L87A	6/30/2016	6/30/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			DT8102572L87ACOF16	6/30/2016	6/30/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist combined \$ 1,000,000
A	<b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			DTSMCUP2572L87A	6/30/2016	6/30/2017	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	3A States: NH, VT DTEUB4436L35616	6/30/2016	6/30/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	<b>Leased/Rented Equipment</b> <b>Riggers Liability</b>			QT6603083B737 QT6603083B737	6/30/2016 6/30/2016	6/30/2017 6/30/2017	Limit 500,000 Limit 300,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**  
 Re: Northfield-Tilton X-A001(153), 16147 and X-A001(042), 14744A Bridge rehabilitation of the red listed bridges that carry I-93 northbound and southbound over Winnepesaukee River and Scour Countermeasure installation  
 State of NH-DOT is included as an additional insured on all liability policies except workers comp when required by written contract with the named insured.

<b>CERTIFICATE HOLDER</b>  State of NH Department of Transportation PO Box 483 Concord, NH 03302	<b>CANCELLATION</b>  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>
---	---

© 1988-2014 ACORD CORPORATION. All rights reserved.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/19/2016

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).

<b>PRODUCER</b> <b>THE ROWLEY AGENCY INC.</b> 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	<b>CONTACT NAME:</b> Christine Holman, CPCU, CIC <b>PHONE (A/C, No, Ext):</b> (603) 224-2562 <b>E-MAIL ADDRESS:</b> cholman@rowleyagency.com	<b>FAX (A/C, No):</b> (603) 224-8012
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> State of NH - Dept of Transportation PO Box 483 Concord NH 03302-0483	<b>INSURER A:</b> Travelers Indemnity Co	<b>NAIC #</b> 25658
	<b>INSURER B:</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**      **CERTIFICATE NUMBER:** OCP - Northfield/Tilton      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>Owners &amp; Contractors</b> GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		OCP101916	10/19/2016	10/19/2017	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A			<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Northfield - Tilton X-A001(153) 16147 and X-A001(042) 14774A - bridge rehab of the red listed bridges that carry I-93 northbound and southbound over Winnepesaukee River and Scour Countermeasure installation

<b>CERTIFICATE HOLDER</b> State of New Hampshire Dept of Transportation Po Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b> 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>
---	---

© 1988-2014 ACORD CORPORATION. All rights reserved.