



# 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. 8 LEDGE ROAD WINDHAM, NH 03087	
				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	\$100.00	\$20,000.00	\$78.00	\$15,600.00	\$30.00	\$6,000.00
206.2	ROCK STRUCTURE EXCAVATION	CY	2.000	\$100.00	\$200.00	\$260.00	\$520.00	\$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
403.98	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

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				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	\$1.50	\$112.50	\$1.05	\$78.75	\$2.40	\$180.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	364,806.000	\$1.25	\$456,007.50	\$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	\$6.00	\$42,624.00	\$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	\$2.10	\$987.00	\$2.25	\$1,057.50
603.30118	18" 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	18" 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

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				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	\$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 8" 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
619.91	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	5,450,000	\$0.50	\$2,725.00	\$0.26	\$1,417.00	\$0.28	\$1,526.00
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		CAIRNS, GEORGE R. & SON, INC. 8 LEDGE ROAD WINDHAM, NH 03087	
				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	\$880,000.00	\$880,000.00	\$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
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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 03301-8512	
				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	\$8.00	\$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 EAGRT 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 (QC/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	\$580,000.00	\$580,000.00	\$750,000.00	\$750,000.00
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$350,000.00	\$350,000.00	\$580,000.00	\$580,000.00	\$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 (QC/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	PS&E		REED & REED, INC. 275 RIVER ROAD WOOLWICH, ME 04579		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512	
				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 (SILANE/SILOXANE)	GAL	260.000	\$80.00	\$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	80.000	\$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. 275 RIVER ROAD WOOLWICH, ME 04579		SWETT, E. D. INC. 8 INDUSTRIAL PARK DR CONCORD, NH 03301-8512	
				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
606.953	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	5,450,000	\$0.50	\$2,725.00	\$0.25	\$1,362.50	\$0.25	\$1,362.50
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 03301-8512	
				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	\$19,600.00	\$39,200.00
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	4,675.000	\$13.00	\$60,775.00	\$2.50	\$11,687.50	\$7.00	\$32,725.00
692.	MOBILIZATION	U	1.000	\$880,000.00	\$880,000.00	\$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
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Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

**Items**

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	40.000	\$20.00	\$800.00	\$10.00	\$400.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	60.000	\$15.00	\$900.00	\$10.00	\$600.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	20.000	\$21.00	\$420.00	\$20.00	\$400.00		
202.7	REMOVAL OF GUARDRAIL	LF	5,400.000	\$2.00	\$10,800.00	\$2.00	\$10,800.00		
202.843	REMOVAL OF LIGHT POLE	U	6.000	\$1,500.00	\$9,000.00	\$750.00	\$4,500.00		
203.1	COMMON EXCAVATION	CY	8,000.000	\$15.00	\$120,000.00	\$9.00	\$72,000.00		
203.55261	INSTALLATION AND REMOVAL OF SWZ - PORTABLE QUEUE TRAILER PLATFORM	U	2.000	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00		
203.55262	INSTALLATION AND REMOVAL OF SWZ - PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.000	\$3,500.00	\$7,000.00	\$2,500.00	\$5,000.00		
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	5.000	\$1,500.00	\$7,500.00	\$2,250.00	\$11,250.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	6,062.000	\$12.00	\$72,744.00	\$15.00	\$90,930.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	65.000	\$100.00	\$6,500.00	\$12.00	\$780.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	200.000	\$100.00	\$20,000.00	\$25.00	\$5,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	2.000	\$100.00	\$200.00	\$100.00	\$200.00		
207.1	COMMON CHANNEL EXCAVATION	CY	346.000	\$80.00	\$27,680.00	\$24.00	\$8,304.00		
209.1	GRANULAR BACKFILL	CY	30.000	\$50.00	\$1,500.00	\$50.00	\$1,500.00		
304.3	CRUSHED GRAVEL (F)	CY	110.000	\$30.00	\$3,300.00	\$50.00	\$5,500.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	390.000	\$50.00	\$19,500.00	\$40.00	\$15,600.00		
304.4	CRUSHED STONE (FINE GRADATION) (F)	CY	1,837.000	\$35.00	\$64,295.00	\$30.00	\$55,110.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	350.000	\$95.00	\$33,250.00	\$88.00	\$30,800.00		
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	3,850.000	\$87.00	\$334,950.00	\$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		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,850.000	\$2.00	\$7,700.00	\$1.60	\$6,160.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	34,400.000	\$0.75	\$25,800.00	\$0.55	\$18,920.00		
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	3,913.000	\$0.75	\$2,934.75	\$3.70	\$14,478.10		
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	188.000	\$265.00	\$49,820.00	\$130.00	\$24,440.00		
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	1,410.000	\$91.00	\$128,310.00	\$68.00	\$95,880.00		
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	2,700.000	\$85.00	\$229,500.00	\$68.00	\$183,600.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,000.000	\$3.00	\$9,000.00	\$2.60	\$7,800.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	12,500.000	\$5.00	\$62,500.00	\$1.60	\$20,000.00		
417.416	RUMBLE STRIPS, 16" WIDE	LF	16,350.000	\$3.00	\$49,050.00	\$1.50	\$24,525.00		
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	16,350.000	\$3.00	\$49,050.00	\$2.10	\$34,335.00		
500.02	ACCESS FOR BRIDGE CONSTRUCTION	U	1.000	\$329,000.00	\$329,000.00	\$150,000.00	\$150,000.00		
502.101	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$425,000.00	\$425,000.00	\$880,000.00	\$880,000.00		
502.102	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.000	\$350,000.00	\$350,000.00	\$850,000.00	\$850,000.00		
503.101	WATER DIVERSION STRUCTURE	U	1.000	\$45,000.00	\$45,000.00	\$125,000.00	\$125,000.00		
504.1	COMMON BRIDGE EXCAVATION (F)	CY	160.000	\$40.00	\$6,400.00	\$15.00	\$2,400.00		
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	24.000	\$1,250.00	\$30,000.00	\$500.00	\$12,000.00		
520.01	CONCRETE CLASS AA	CY	8.000	\$1,500.00	\$12,000.00	\$3,100.00	\$24,800.00		
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	55.000	\$1,775.00	\$97,625.00	\$1,200.00	\$66,000.00		
520.1	CONCRETE CLASS A	CY	5.000	\$900.00	\$4,500.00	\$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	\$1,160.00	\$669,320.00		

Item No.	Description	Unit	Quantity	PS&E		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490		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	\$1,160.00	\$562,600.00		
534.3	WATER REPELLENT (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		
538.6	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	80.000	\$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 03264-0490		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	\$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		
606.953	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	\$260.00	\$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 03264-0490		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		
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	\$260,000.00	\$260,000.00		
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	\$880,000.00	\$880,000.00	\$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
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# 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	
<b>Items</b>								
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)

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	(\$4,000.00)
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	55.000	\$900.00	\$49,500.00	\$1,775.00	\$97,625.00	(\$48,125.00)
520.1	CONCRETE CLASS A	CY	5.000	\$1,155.00	\$5,775.00	\$900.00	\$4,500.00	\$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	(\$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	(\$169,750.00)
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	260.000	\$85.00	\$22,100.00	\$80.00	\$20,800.00	\$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	(\$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	(\$40,796.00)
540.31	CONCRETE ARMOR MATRIX COMPONENT	EA	2,352.000	\$70.00	\$164,640.00	\$75.00	\$176,400.00	(\$11,760.00)
540.33	SCOUR COUNTERMEASURE FILTER MATERIAL	CY	80.000	\$49.92	\$3,993.60	\$80.00	\$6,400.00	(\$2,406.40)
540.34	SCOUR COUNTERMEASURE BEDDING MATERIAL	CY	270.000	\$44.72	\$12,074.40	\$80.00	\$21,600.00	(\$9,525.60)
541.2	PVC WATERSTOPS, NH TYPE 2 (F)	LF	18.000	\$7.00	\$126.00	\$10.00	\$180.00	(\$54.00)
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	231.000	\$10.00	\$2,310.00	\$10.00	\$2,310.00	\$0.00
544.1	REINFORCING STEEL (ROADWAY)	LB	75.000	\$1.05	\$78.75	\$1.50	\$112.50	(\$33.75)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	364,806.000	\$1.05	\$383,046.30	\$1.25	\$456,007.50	(\$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	(\$296,024.91)
547.1	SHEAR CONNECTORS (F)	EA	7,104.000	\$5.87	\$41,700.48	\$6.00	\$42,624.00	(\$923.52)
547.2	SHEAR CONNECTORS (F)	EA	5,901.000	\$5.87	\$34,638.87	\$6.00	\$35,406.00	(\$767.13)
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	35.000	\$2,185.00	\$76,475.00	\$1,500.00	\$52,500.00	\$23,975.00
548.22	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	30.000	\$2,185.00	\$65,550.00	\$1,500.00	\$45,000.00	\$20,550.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.000	\$35,000.00	\$35,000.00	\$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	\$13,500.00
550.33	BRIDGE SCUPPER	EA	16.000	\$2,620.00	\$41,920.00	\$2,000.00	\$32,000.00	\$9,920.00



556.101	PAINTING EXISTING STRUCTURAL STEEL	U	1.000	\$96,500.00	\$96,500.00	\$60,000.00	\$60,000.00	\$36,500.00
556.102	PAINTING EXISTING STRUCTURAL STEEL	U	1.000	\$84,400.00	\$84,400.00	\$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	(\$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	(\$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	(\$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	(\$12,250.00)
562.1	SILICONE JOINT SEALANT (F)	LF	342.000	\$25.00	\$8,550.00	\$15.00	\$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	(\$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	\$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	\$2,000.00
583.5	RIPRAP, CLASS V	CY	50.000	\$182.00	\$9,100.00	\$120.00	\$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	(\$670.00)
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	470.000	\$2.10	\$987.00	\$4.00	\$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	\$554.00
603.30136	36" R.C. END SECTIONS	EA	1.000	\$2,288.00	\$2,288.00	\$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	\$225.00
603.99036	36" TEMPORARY DRAIN. PIPE	LF	20.000	\$156.00	\$3,120.00	\$120.00	\$2,400.00	\$720.00
604.0007	POLYETHYLENE LINER	EA	17.000	\$182.00	\$3,094.00	\$300.00	\$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	\$656.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	16.000	\$468.00	\$7,488.00	\$450.00	\$7,200.00	\$288.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	1.000	\$468.00	\$468.00	\$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	SAWED 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

<b>Total:</b>				\$8,504,979.69	\$11,326,556.25	(\$2,821,576.56)
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