



# ABC Bid Data

CANTERBURY-NORTHFIELD

41057

X-A004(546)

**PROJECT:** CANTERBURY-NORTHFIELD

**STATE PROJECT NUMBER:** 41057

**FED. PROJECT NUMBER:** X-A004(546)

**DATE BIDS OPEN:** October 19, 2017, 2:00

**SCOPE OF WORK:** I-93 NB & SB from MP 48.4 to 54.2 inc. Ex 19, Ex 23 and NB Rest Area.

**COMPLETION DATE:** September 07, 2018

**LOCATION:** Belknap, Merrimack

**Awarded To:** CONTINENTAL PAVING INC  
1 CONTINENTAL DRIVE  
LONDONDERRY, NH 03053

**Amount:** \$5,056,832.50

**Award Date:**

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

## Summary of Bidders

Contractor	Bid Amount	Rank
CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$5,056,832.50	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$5,386,630.00	B

Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

201.0101	CLEARING	A	.90	\$15,000.00	\$13,500.00	\$8,500.00	\$7,650.00	\$7,500.00	\$6,750.00
201.1	CLEARING AND GRUBBING (F)	A	.67	\$18,600.00	\$12,462.00	\$17,000.00	\$11,390.00	\$25,000.00	\$16,750.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	260.00	\$20.00	\$5,200.00	\$10.00	\$2,600.00	\$15.50	\$4,030.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$500.00	\$500.00	\$300.00	\$300.00	\$200.00	\$200.00
202.6	CURB REMOVAL FOR SALVAGE	LF	438.00	\$5.00	\$2,190.00	\$3.00	\$1,314.00	\$3.50	\$1,533.00
202.7	REMOVAL OF GUARDRAIL	LF	34,650.00	\$1.50	\$51,975.00	\$2.30	\$79,695.00	\$3.00	\$103,950.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$10.00	\$1,200.00	\$25.00	\$3,000.00	\$25.00	\$3,000.00
203.1	COMMON EXCAVATION	CY	1,850.00	\$10.00	\$18,500.00	\$20.00	\$37,000.00	\$26.00	\$48,100.00
203.11	COMMON EXCAVATION - LRS	CY	710.00	\$25.00	\$17,750.00	\$20.00	\$14,200.00	\$24.00	\$17,040.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$1,000.00	\$17,000.00	\$1,200.00	\$20,400.00	\$1,500.00	\$25,500.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,300.00	\$1,300.00
203.601	EMBANKMENT-IN-PLACE	CY	3,000.00	\$16.00	\$48,000.00	\$20.00	\$60,000.00	\$15.00	\$45,000.00
203.92	ROCK SCALING - MACHINE METHOD	HR	20.00	\$1,250.00	\$25,000.00	\$300.00	\$6,000.00	\$625.00	\$12,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	42.00	\$23.00	\$966.00	\$50.00	\$2,100.00	\$40.00	\$1,680.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$37.00	\$740.00	\$50.00	\$1,000.00	\$55.00	\$1,100.00
206.2	ROCK STRUCTURE EXCAVATION	CY	25.00	\$55.00	\$1,375.00	\$150.00	\$3,750.00	\$92.00	\$2,300.00
209.1	GRANULAR BACKFILL	CY	5.00	\$50.00	\$250.00	\$50.00	\$250.00	\$89.00	\$445.00
209.4	GRANULAR BACKFILL (GRAV)	CY	19.00	\$40.00	\$760.00	\$50.00	\$950.00	\$88.00	\$1,672.00
214.	FINE GRADING	U	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
304.1	SAND (F)	CY	526.00	\$50.00	\$26,300.00	\$20.00	\$10,520.00	\$25.00	\$13,150.00
304.2	GRAVEL (F)	CY	227.00	\$60.00	\$13,620.00	\$35.00	\$7,945.00	\$28.00	\$6,356.00
304.201	GRAVEL	CY	255.00	\$35.00	\$8,925.00	\$35.00	\$8,925.00	\$40.00	\$10,200.00
304.3	CRUSHED GRAVEL (F)	CY	181.00	\$70.00	\$12,670.00	\$40.00	\$7,240.00	\$38.00	\$6,878.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	335.00	\$30.00	\$10,050.00	\$30.00	\$10,050.00	\$39.00	\$13,065.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	8,500.00	\$20.00	\$170,000.00	\$19.00	\$161,500.00	\$10.00	\$85,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,300.00	\$100.00	\$130,000.00	\$76.00	\$98,800.00	\$80.00	\$104,000.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,350.00	\$78.00	\$417,300.00	\$71.00	\$379,850.00	\$68.00	\$363,800.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	610.00	\$135.00	\$82,350.00	\$85.00	\$51,850.00	\$105.00	\$64,050.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	165.00	\$200.00	\$33,000.00	\$120.00	\$19,800.00	\$150.00	\$24,750.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	7,150.00	\$1.50	\$10,725.00	\$1.50	\$10,725.00	\$5.50	\$39,325.00
403.6	PAVEMENT JOINT ADHESIVE	LF	57,750.00	\$0.20	\$11,550.00	\$0.25	\$14,437.50	\$0.24	\$13,860.00
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	25.00	\$100.00	\$2,500.00	\$85.00	\$2,125.00	\$200.00	\$5,000.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,200.00	\$7.00	\$22,400.00	\$3.00	\$9,600.00	\$6.00	\$19,200.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	340.00	\$75.00	\$25,500.00	\$80.00	\$27,200.00	\$95.00	\$32,300.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	57,900.00	\$2.25	\$130,275.00	\$2.05	\$118,695.00	\$2.25	\$130,275.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	39,750.00	\$3.00	\$119,250.00	\$2.00	\$79,500.00	\$2.65	\$105,337.50
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	62,300.00	\$0.75	\$46,725.00	\$1.50	\$93,450.00	\$0.65	\$40,495.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	42,000.00	\$0.25	\$10,500.00	\$0.60	\$25,200.00	\$0.70	\$29,400.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	42,000.00	\$1.75	\$73,500.00	\$1.75	\$73,500.00	\$1.65	\$69,300.00
419.13	BONDED WEARING COURSE, TYPE C	TON	8,850.00	\$125.00	\$1,106,250.00	\$124.50	\$1,101,825.00	\$125.00	\$1,106,250.00
520.2	CONCRETE CLASS B	CY	1.90	\$400.00	\$760.00	\$1,000.00	\$1,900.00	\$2,000.00	\$3,800.00

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				Unit Price	Total	Unit Price	Total	Unit Price	Total
585.3	STONE FILL, CLASS C	CY	84.00	\$60.00	\$5,040.00	\$30.00	\$2,520.00	\$55.00	\$4,620.00
585.4	STONE FILL, CLASS D	CY	29.00	\$45.00	\$1,305.00	\$30.00	\$870.00	\$62.00	\$1,798.00
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	580.00	\$3.00	\$1,740.00	\$5.00	\$2,900.00	\$3.00	\$1,740.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	480.00	\$3.00	\$1,440.00	\$5.00	\$2,400.00	\$3.50	\$1,680.00
603.0001	VIDEO INSPECTION	LF	1,500.00	\$1.25	\$1,875.00	\$2.50	\$3,750.00	\$2.00	\$3,000.00
603.00215	15" R.C. PIPE, 2000D	LF	73.00	\$55.00	\$4,015.00	\$75.00	\$5,475.00	\$60.00	\$4,380.00
603.00218	18" R.C. PIPE, 2000D	LF	60.00	\$65.00	\$3,900.00	\$85.00	\$5,100.00	\$87.00	\$5,220.00
603.30118	18" R.C. END SECTIONS	EA	5.00	\$300.00	\$1,500.00	\$750.00	\$3,750.00	\$1,200.00	\$6,000.00
603.30124	24" R.C. END SECTIONS	EA	1.00	\$600.00	\$600.00	\$850.00	\$850.00	\$1,750.00	\$1,750.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$250.00	\$500.00	\$350.00	\$700.00	\$225.00	\$450.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	32.00	\$250.00	\$8,000.00	\$350.00	\$11,200.00	\$250.00	\$8,000.00
603.36121	21" ALUMINIZED STEEL END SECTION	EA	1.00	\$325.00	\$325.00	\$650.00	\$650.00	\$450.00	\$450.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	1,350.00	\$45.00	\$60,750.00	\$85.00	\$114,750.00	\$55.00	\$74,250.00
604.0007	POLYETHYLENE LINER	EA	40.00	\$140.00	\$5,600.00	\$110.00	\$4,400.00	\$125.00	\$5,000.00
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,550.00	\$2,550.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	31.00	\$425.00	\$13,175.00	\$400.00	\$12,400.00	\$575.00	\$17,825.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$575.00	\$2,300.00
604.72	GRATES & FRAMES, TYPE B	EA	12.00	\$500.00	\$6,000.00	\$600.00	\$7,200.00	\$700.00	\$8,400.00
604.75	GRATES & FRAMES, TYPE E	EA	97.00	\$800.00	\$77,600.00	\$650.00	\$63,050.00	\$1,000.00	\$97,000.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$800.00	\$800.00	\$750.00	\$750.00	\$825.00	\$825.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$2,250.00	\$38,250.00	\$2,400.00	\$40,800.00	\$2,500.00	\$42,500.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$1,900.00	\$1,900.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	26.00	\$500.00	\$13,000.00	\$550.00	\$14,300.00	\$600.00	\$15,600.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	35,550.00	\$15.00	\$533,250.00	\$17.50	\$622,125.00	\$18.00	\$639,900.00
606.3123	SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST	U	4.00	\$3,000.00	\$12,000.00	\$3,750.00	\$15,000.00	\$4,000.00	\$16,000.00
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	8.00	\$6,000.00	\$48,000.00	\$5,000.00	\$40,000.00	\$6,000.00	\$48,000.00
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	120.00	\$120.00	\$14,400.00	\$148.00	\$17,760.00	\$175.00	\$21,000.00
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	120.00	\$160.00	\$19,200.00	\$142.00	\$17,040.00	\$165.00	\$19,800.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	92.00	\$20.00	\$1,840.00	\$15.00	\$1,380.00	\$50.00	\$4,600.00
608.24	4" CONCRETE SIDEWALK (F)	SY	74.00	\$45.00	\$3,330.00	\$35.00	\$2,590.00	\$50.00	\$3,700.00
608.28	8" CONCRETE SIDEWALK (F)	SY	79.00	\$60.00	\$4,740.00	\$70.00	\$5,530.00	\$55.00	\$4,345.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	17.00	\$400.00	\$6,800.00	\$350.00	\$5,950.00	\$450.00	\$7,650.00
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$30.00	\$3,900.00	\$22.00	\$2,860.00	\$21.00	\$2,730.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	250.00	\$16.00	\$4,000.00	\$19.00	\$4,750.00	\$17.50	\$4,375.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	10.00	\$25.00	\$250.00	\$19.00	\$190.00	\$17.50	\$175.00
609.23	CURVED GRANITE SLOPE CURB	LF	4.00	\$75.00	\$300.00	\$75.00	\$300.00	\$75.00	\$300.00
609.5	RESET GRANITE CURB	LF	5,050.00	\$10.00	\$50,500.00	\$10.00	\$50,500.00	\$9.00	\$45,450.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	30.00	\$6.00	\$180.00	\$10.00	\$300.00	\$45.00	\$1,350.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	40.00	\$15.00	\$600.00	\$50.00	\$2,000.00	\$55.00	\$2,200.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	1.00	\$300.00	\$300.00	\$5,700.00	\$5,700.00	\$6,000.00	\$6,000.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	2.00	\$250.00	\$500.00	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00

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				Unit Price	Total	Unit Price	Total	Unit Price	Total
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$175.00	\$350.00	\$500.00	\$1,000.00	\$250.00	\$500.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,300.00	\$7,300.00	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	177,000.00	\$1.00	\$177,000.00	\$1.00	\$177,000.00	\$1.00	\$177,000.00
618.7	FLAGGERS	HR	600.00	\$22.00	\$13,200.00	\$27.00	\$16,200.00	\$32.00	\$19,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00	\$256,500.00	\$256,500.00	\$395,000.00	\$395,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,000.00	\$12,000.00	\$2,000.00	\$8,000.00	\$3,200.00	\$12,800.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,000.00	\$10,000.00	\$2,000.00	\$4,000.00	\$3,200.00	\$6,400.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	440.00	\$3.75	\$1,650.00	\$4.00	\$1,760.00	\$4.00	\$1,760.00
621.31	SINGLE DELINEATOR WITH POST	EA	950.00	\$30.00	\$28,500.00	\$39.00	\$37,050.00	\$40.00	\$38,000.00
621.32	DOUBLE DELINEATOR WITH POST	EA	18.00	\$37.00	\$666.00	\$41.00	\$738.00	\$42.00	\$756.00
622.1	STEEL WITNESS MARKERS	EA	145.00	\$29.00	\$4,205.00	\$29.00	\$4,205.00	\$30.00	\$4,350.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	940.00	\$1.50	\$1,410.00	\$2.00	\$1,880.00	\$3.50	\$3,290.00
632.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	140,150.00	\$0.15	\$21,022.50	\$0.12	\$16,818.00	\$0.18	\$25,227.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	18,700.00	\$0.75	\$14,025.00	\$1.25	\$23,375.00	\$0.90	\$16,830.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,350.00	\$0.60	\$1,410.00	\$1.50	\$3,525.00	\$1.75	\$4,112.50
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	300.00	\$1.50	\$450.00	\$2.00	\$600.00	\$2.25	\$675.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	30.00	\$1.80	\$54.00	\$3.00	\$90.00	\$3.20	\$96.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	300.00	\$2.00	\$600.00	\$3.00	\$900.00	\$3.20	\$960.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	20.00	\$4.45	\$89.00	\$4.00	\$80.00	\$4.20	\$84.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	205.00	\$8.00	\$1,640.00	\$9.00	\$1,845.00	\$10.00	\$2,050.00
632.71204	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 4" LINE	LF	2,300.00	\$1.00	\$2,300.00	\$1.10	\$2,530.00	\$1.10	\$2,530.00
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	147,300.00	\$1.15	\$169,395.00	\$1.10	\$162,030.00	\$1.10	\$162,030.00
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	1,000.00	\$2.50	\$2,500.00	\$2.75	\$2,750.00	\$2.75	\$2,750.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	79,150.00	\$0.60	\$47,490.00	\$0.30	\$23,745.00	\$0.30	\$23,745.00
645.3	EROSION STONE	TON	55.00	\$23.00	\$1,265.00	\$30.00	\$1,650.00	\$56.00	\$3,080.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	4,050.00	\$1.75	\$7,087.50	\$2.00	\$8,100.00	\$3.30	\$13,365.00
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	220.00	\$2.50	\$550.00	\$3.00	\$660.00	\$13.00	\$2,860.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,050.00	\$3.75	\$3,937.50	\$5.50	\$5,775.00	\$10.00	\$10,500.00
645.531	SILT FENCE	LF	3,700.00	\$2.75	\$10,175.00	\$3.00	\$11,100.00	\$2.00	\$7,400.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	220.00	\$55.00	\$12,100.00	\$80.00	\$17,600.00	\$80.00	\$17,600.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10,100.00	\$5.00	\$50,500.00	\$3.00	\$30,300.00	\$0.75	\$7,575.00
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$12,000.00	\$12,000.00	\$27,500.00	\$27,500.00	\$30,000.00	\$30,000.00
677.4101	CCTV SYSTEM	U	1.00	\$55,000.00	\$55,000.00	\$62,500.00	\$62,500.00	\$65,000.00	\$65,000.00
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$9,000.00	\$9,000.00	\$18,500.00	\$18,500.00	\$20,000.00	\$20,000.00
677.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
692.	MOBILIZATION	U	1.00	\$250,000.00	\$250,000.00	\$263,500.00	\$263,500.00	\$375,000.00	\$375,000.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,750.00	\$2,750.00

Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
698.13	FIELD OFFICE TYPE C	MON	10.00	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00	\$2,500.00	\$25,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SALVAGE TO DEPARTMENT)	\$	400.00	\$1.00	\$400.00	\$1.00	\$400.00	\$1.00	\$400.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
<b>Totals:</b>					<b>\$4,957,794.50</b>		<b>\$5,056,832.50</b>		<b>\$5,386,630.00</b>
<b>Totals:</b>					<b>\$4,957,794.50</b>		<b>\$5,056,832.50</b>		<b>\$5,386,630.00</b>



# PS&E Comparison

CANTERBURY-NORTHFIELD

41057

X-A004(546)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.0101	CLEARING	A	.90	\$8,500.00	\$7,650.00	\$15,000.00	\$13,500.00	(\$5,850.00)
201.1	CLEARING AND GRUBBING (F)	A	.67	\$17,000.00	\$11,390.00	\$18,600.00	\$12,462.00	(\$1,072.00)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	260.00	\$10.00	\$2,600.00	\$20.00	\$5,200.00	(\$2,600.00)
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$300.00	\$300.00	\$500.00	\$500.00	(\$200.00)
202.6	CURB REMOVAL FOR SALVAGE	LF	438.00	\$3.00	\$1,314.00	\$5.00	\$2,190.00	(\$876.00)
202.7	REMOVAL OF GUARDRAIL	LF	34,650.00	\$2.30	\$79,695.00	\$1.50	\$51,975.00	\$27,720.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$25.00	\$3,000.00	\$10.00	\$1,200.00	\$1,800.00
203.1	COMMON EXCAVATION	CY	1,850.00	\$20.00	\$37,000.00	\$10.00	\$18,500.00	\$18,500.00
203.11	COMMON EXCAVATION - LRS	CY	710.00	\$20.00	\$14,200.00	\$25.00	\$17,750.00	(\$3,550.00)
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$1,200.00	\$20,400.00	\$1,000.00	\$17,000.00	\$3,400.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$200.00
203.601	EMBANKMENT-IN-PLACE	CY	3,000.00	\$20.00	\$60,000.00	\$16.00	\$48,000.00	\$12,000.00
203.92	ROCK SCALING - MACHINE METHOD	HR	20.00	\$300.00	\$6,000.00	\$1,250.00	\$25,000.00	(\$19,000.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	42.00	\$50.00	\$2,100.00	\$23.00	\$966.00	\$1,134.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$50.00	\$1,000.00	\$37.00	\$740.00	\$260.00

206.2	ROCK STRUCTURE EXCAVATION	CY	25.00	\$150.00	\$3,750.00	\$55.00	\$1,375.00	\$2,375.00
209.1	GRANULAR BACKFILL	CY	5.00	\$50.00	\$250.00	\$50.00	\$250.00	\$0.00
209.4	GRANULAR BACKFILL (GRAV)	CY	19.00	\$50.00	\$950.00	\$40.00	\$760.00	\$190.00
214.	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	(\$5,000.00)
304.1	SAND (F)	CY	526.00	\$20.00	\$10,520.00	\$50.00	\$26,300.00	(\$15,780.00)
304.2	GRAVEL (F)	CY	227.00	\$35.00	\$7,945.00	\$60.00	\$13,620.00	(\$5,675.00)
304.201	GRAVEL	CY	255.00	\$35.00	\$8,925.00	\$35.00	\$8,925.00	\$0.00
304.3	CRUSHED GRAVEL (F)	CY	181.00	\$40.00	\$7,240.00	\$70.00	\$12,670.00	(\$5,430.00)
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	335.00	\$30.00	\$10,050.00	\$30.00	\$10,050.00	\$0.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	8,500.00	\$19.00	\$161,500.00	\$20.00	\$170,000.00	(\$8,500.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,300.00	\$76.00	\$98,800.00	\$100.00	\$130,000.00	(\$31,200.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,350.00	\$71.00	\$379,850.00	\$78.00	\$417,300.00	(\$37,450.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	610.00	\$85.00	\$51,850.00	\$135.00	\$82,350.00	(\$30,500.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	165.00	\$120.00	\$19,800.00	\$200.00	\$33,000.00	(\$13,200.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	7,150.00	\$1.50	\$10,725.00	\$1.50	\$10,725.00	\$0.00
403.6	PAVEMENT JOINT ADHESIVE	LF	57,750.00	\$0.25	\$14,437.50	\$0.20	\$11,550.00	\$2,887.50
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	25.00	\$85.00	\$2,125.00	\$100.00	\$2,500.00	(\$375.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,200.00	\$3.00	\$9,600.00	\$7.00	\$22,400.00	(\$12,800.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	340.00	\$80.00	\$27,200.00	\$75.00	\$25,500.00	\$1,700.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	57,900.00	\$2.05	\$118,695.00	\$2.25	\$130,275.00	(\$11,580.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	39,750.00	\$2.00	\$79,500.00	\$3.00	\$119,250.00	(\$39,750.00)
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	62,300.00	\$1.50	\$93,450.00	\$0.75	\$46,725.00	\$46,725.00

417.416	RUMBLE STRIPS, 16" WIDE	LF	42,000.00	\$0.60	\$25,200.00	\$0.25	\$10,500.00	\$14,700.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	42,000.00	\$1.75	\$73,500.00	\$1.75	\$73,500.00	\$0.00
419.13	BONDED WEARING COURSE, TYPE C	TON	8,850.00	\$124.50	\$1,101,825.00	\$125.00	\$1,106,250.00	(\$4,425.00)
520.2	CONCRETE CLASS B	CY	1.90	\$1,000.00	\$1,900.00	\$400.00	\$760.00	\$1,140.00
585.3	STONE FILL, CLASS C	CY	84.00	\$30.00	\$2,520.00	\$60.00	\$5,040.00	(\$2,520.00)
585.4	STONE FILL, CLASS D	CY	29.00	\$30.00	\$870.00	\$45.00	\$1,305.00	(\$435.00)
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	580.00	\$5.00	\$2,900.00	\$3.00	\$1,740.00	\$1,160.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	480.00	\$5.00	\$2,400.00	\$3.00	\$1,440.00	\$960.00
603.0001	VIDEO INSPECTION	LF	1,500.00	\$2.50	\$3,750.00	\$1.25	\$1,875.00	\$1,875.00
603.00215	15" R.C. PIPE, 2000D	LF	73.00	\$75.00	\$5,475.00	\$55.00	\$4,015.00	\$1,460.00
603.00218	18" R.C. PIPE, 2000D	LF	60.00	\$85.00	\$5,100.00	\$65.00	\$3,900.00	\$1,200.00
603.30118	18" R.C. END SECTIONS	EA	5.00	\$750.00	\$3,750.00	\$300.00	\$1,500.00	\$2,250.00
603.30124	24" R.C. END SECTIONS	EA	1.00	\$850.00	\$850.00	\$600.00	\$600.00	\$250.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$350.00	\$700.00	\$250.00	\$500.00	\$200.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	32.00	\$350.00	\$11,200.00	\$250.00	\$8,000.00	\$3,200.00
603.36121	21" ALUMINIZED STEEL END SECTION	EA	1.00	\$650.00	\$650.00	\$325.00	\$325.00	\$325.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	1,350.00	\$85.00	\$114,750.00	\$45.00	\$60,750.00	\$54,000.00
604.0007	POLYETHYLENE LINER	EA	40.00	\$110.00	\$4,400.00	\$140.00	\$5,600.00	(\$1,200.00)
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$1,000.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	31.00	\$400.00	\$12,400.00	\$425.00	\$13,175.00	(\$775.00)
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$0.00
604.72	GRATES & FRAMES, TYPE B	EA	12.00	\$600.00	\$7,200.00	\$500.00	\$6,000.00	\$1,200.00
604.75	GRATES & FRAMES, TYPE E	EA	97.00	\$650.00	\$63,050.00	\$800.00	\$77,600.00	(\$14,550.00)

604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$750.00	\$750.00	\$800.00	\$800.00	(\$50.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$2,400.00	\$40,800.00	\$2,250.00	\$38,250.00	\$2,550.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$2,300.00	\$2,300.00	\$1,900.00	\$1,900.00	\$400.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	26.00	\$550.00	\$14,300.00	\$500.00	\$13,000.00	\$1,300.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	35,550.00	\$17.50	\$622,125.00	\$15.00	\$533,250.00	\$88,875.00
606.3123	SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST	U	4.00	\$3,750.00	\$15,000.00	\$3,000.00	\$12,000.00	\$3,000.00
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	8.00	\$5,000.00	\$40,000.00	\$6,000.00	\$48,000.00	(\$8,000.00)
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	120.00	\$148.00	\$17,760.00	\$120.00	\$14,400.00	\$3,360.00
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	120.00	\$142.00	\$17,040.00	\$160.00	\$19,200.00	(\$2,160.00)
608.12	2" BITUMINOUS SIDEWALK (F)	SY	92.00	\$15.00	\$1,380.00	\$20.00	\$1,840.00	(\$460.00)
608.24	4" CONCRETE SIDEWALK (F)	SY	74.00	\$35.00	\$2,590.00	\$45.00	\$3,330.00	(\$740.00)
608.28	8" CONCRETE SIDEWALK (F)	SY	79.00	\$70.00	\$5,530.00	\$60.00	\$4,740.00	\$790.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	17.00	\$350.00	\$5,950.00	\$400.00	\$6,800.00	(\$850.00)
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$22.00	\$2,860.00	\$30.00	\$3,900.00	(\$1,040.00)
609.21	STRAIGHT GRANITE SLOPE CURB	LF	250.00	\$19.00	\$4,750.00	\$16.00	\$4,000.00	\$750.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	10.00	\$19.00	\$190.00	\$25.00	\$250.00	(\$60.00)
609.23	CURVED GRANITE SLOPE CURB	LF	4.00	\$75.00	\$300.00	\$75.00	\$300.00	\$0.00
609.5	RESET GRANITE CURB	LF	5,050.00	\$10.00	\$50,500.00	\$10.00	\$50,500.00	\$0.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	30.00	\$10.00	\$300.00	\$6.00	\$180.00	\$120.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	40.00	\$50.00	\$2,000.00	\$15.00	\$600.00	\$1,400.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	1.00	\$5,700.00	\$5,700.00	\$300.00	\$300.00	\$5,400.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	2.00	\$1,000.00	\$2,000.00	\$250.00	\$500.00	\$1,500.00

615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$500.00	\$1,000.00	\$175.00	\$350.00	\$650.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,000.00	\$7,000.00	\$7,300.00	\$7,300.00	(\$300.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	177,000.00	\$1.00	\$177,000.00	\$1.00	\$177,000.00	\$0.00
618.7	FLAGGERS	HR	600.00	\$27.00	\$16,200.00	\$22.00	\$13,200.00	\$3,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$256,500.00	\$256,500.00	\$200,000.00	\$200,000.00	\$56,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$2,000.00	\$8,000.00	\$3,000.00	\$12,000.00	(\$4,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$5,000.00	\$10,000.00	(\$6,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	440.00	\$4.00	\$1,760.00	\$3.75	\$1,650.00	\$110.00
621.31	SINGLE DELINEATOR WITH POST	EA	950.00	\$39.00	\$37,050.00	\$30.00	\$28,500.00	\$8,550.00
621.32	DOUBLE DELINEATOR WITH POST	EA	18.00	\$41.00	\$738.00	\$37.00	\$666.00	\$72.00
622.1	STEEL WITNESS MARKERS	EA	145.00	\$29.00	\$4,205.00	\$29.00	\$4,205.00	\$0.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	940.00	\$2.00	\$1,880.00	\$1.50	\$1,410.00	\$470.00
632.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	140,150.00	\$0.12	\$16,818.00	\$0.15	\$21,022.50	(\$4,204.50)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	18,700.00	\$1.25	\$23,375.00	\$0.75	\$14,025.00	\$9,350.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,350.00	\$1.50	\$3,525.00	\$0.60	\$1,410.00	\$2,115.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	300.00	\$2.00	\$600.00	\$1.50	\$450.00	\$150.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	30.00	\$3.00	\$90.00	\$1.80	\$54.00	\$36.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	300.00	\$3.00	\$900.00	\$2.00	\$600.00	\$300.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	20.00	\$4.00	\$80.00	\$4.45	\$89.00	(\$9.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	205.00	\$9.00	\$1,845.00	\$8.00	\$1,640.00	\$205.00
632.71204	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 4" LINE	LF	2,300.00	\$1.10	\$2,530.00	\$1.00	\$2,300.00	\$230.00

632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	147,300.00	\$1.10	\$162,030.00	\$1.15	\$169,395.00	(\$7,365.00)
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	1,000.00	\$2.75	\$2,750.00	\$2.50	\$2,500.00	\$250.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	79,150.00	\$0.30	\$23,745.00	\$0.60	\$47,490.00	(\$23,745.00)
645.3	EROSION STONE	TON	55.00	\$30.00	\$1,650.00	\$23.00	\$1,265.00	\$385.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	4,050.00	\$2.00	\$8,100.00	\$1.75	\$7,087.50	\$1,012.50
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	220.00	\$3.00	\$660.00	\$2.50	\$550.00	\$110.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,050.00	\$5.50	\$5,775.00	\$3.75	\$3,937.50	\$1,837.50
645.531	SILT FENCE	LF	3,700.00	\$3.00	\$11,100.00	\$2.75	\$10,175.00	\$925.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	220.00	\$80.00	\$17,600.00	\$55.00	\$12,100.00	\$5,500.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10,100.00	\$3.00	\$30,300.00	\$5.00	\$50,500.00	(\$20,200.00)
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$27,500.00	\$27,500.00	\$12,000.00	\$12,000.00	\$15,500.00
677.4101	CCTV SYSTEM	U	1.00	\$62,500.00	\$62,500.00	\$55,000.00	\$55,000.00	\$7,500.00
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$18,500.00	\$18,500.00	\$9,000.00	\$9,000.00	\$9,500.00
677.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$2,000.00
692.	MOBILIZATION	U	1.00	\$263,500.00	\$263,500.00	\$250,000.00	\$250,000.00	\$13,500.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00
698.13	FIELD OFFICE TYPE C	MON	10.00	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00	\$0.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SALVAGE TO DEPARTMENT)	\$	400.00	\$1.00	\$400.00	\$1.00	\$400.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$0.00

1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00

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<b>Total:</b>					\$5,056,832.50		\$4,957,794.50	\$99,038.00
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