



# ABC Bid Data

SALEM TO MANCHESTER

14633J

A004(438)

**PROJECT:** SALEM TO MANCHESTER

**STATE PROJECT NUMBER:** 14633J

**FED. PROJECT NUMBER:** A004(438)

**DATE BIDS OPEN:** October 24, 2019, 2:00

**SCOPE OF WORK:** Exit 1 to Exit 5 - Construct 4th lane northbound and southbound

**COMPLETION DATE:** August 28, 2020

**LOCATION:** Rockingham

**Awarded To:** PIKE INDUSTRIES, INC.  
3 EASTGATE PARK ROAD  
BELMONT, NH 03220

**Amount:** \$6,839,152.50

**Award Date:**

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

## Summary of Bidders

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$6,839,152.50	A
WEAVER BROS. CONST. CO., INC. 1629 RTE 3A, BOW NH 03304	\$7,230,620.25	B

Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		WEAVER BROS. CONST. CO., INC. 1529 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

201.1	CLEARING AND GRUBBING (F)	A	.23	\$25,000.00	\$5,750.00	\$35,000.00	\$8,050.00	\$62,000.00	\$14,260.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	100.00	\$15.00	\$1,500.00	\$4.25	\$425.00	\$15.00	\$1,500.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	100.00	\$20.00	\$2,000.00	\$4.75	\$475.00	\$25.00	\$2,500.00
202.32	FILL AND ABANDON STRUCTURE	CY	60.00	\$350.00	\$21,000.00	\$650.00	\$39,000.00	\$375.00	\$22,500.00
202.7	REMOVAL OF GUARDRAIL	LF	9,700.00	\$4.00	\$38,800.00	\$3.75	\$36,375.00	\$5.00	\$48,500.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	270.00	\$24.00	\$6,480.00	\$40.00	\$10,800.00	\$50.00	\$13,500.00
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83502	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83503	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83504	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83505	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.83506	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
202.841	REMOVAL OF PULL BOX	EA	3.00	\$200.00	\$600.00	\$850.00	\$2,550.00	\$350.00	\$1,050.00
203.1	COMMON EXCAVATION	CY	5,700.00	\$18.00	\$102,600.00	\$55.00	\$313,500.00	\$19.00	\$108,300.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00
203.5561	EAGRT PLATFORM PREFERRED	U	13.00	\$1,750.00	\$22,750.00	\$1,650.00	\$21,450.00	\$1,750.00	\$22,750.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	359.00	\$20.00	\$7,180.00	\$35.00	\$12,565.00	\$28.00	\$10,052.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	106.00	\$49.00	\$5,194.00	\$55.00	\$5,830.00	\$55.00	\$5,830.00
209.61	LIGHTWEIGHT AGGREGATE BACKFILL	CY	170.00	\$400.00	\$68,000.00	\$100.00	\$17,000.00	\$230.00	\$39,100.00
214.	FINE GRADING	U	1.00	\$170,000.00	\$170,000.00	\$75,000.00	\$75,000.00	\$160,000.00	\$160,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,175.00	\$30.00	\$65,250.00	\$35.00	\$76,125.00	\$23.00	\$50,025.00
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	810.00	\$36.00	\$29,160.00	\$60.00	\$48,600.00	\$42.85	\$34,708.50
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	200.00	\$95.00	\$19,000.00	\$105.00	\$21,000.00	\$80.00	\$16,000.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	20,500.00	\$80.00	\$1,640,000.00	\$74.00	\$1,517,000.00	\$82.00	\$1,681,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	130.00	\$200.00	\$26,000.00	\$225.00	\$29,250.00	\$130.00	\$16,900.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,500.00	\$2.50	\$51,250.00	\$3.00	\$61,500.00	\$1.65	\$33,825.00
403.6	PAVEMENT JOINT ADHESIVE	LF	256,500.00	\$0.60	\$153,900.00	\$0.24	\$61,560.00	\$0.26	\$66,690.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,500.00	\$4.50	\$65,250.00	\$3.50	\$50,750.00	\$3.85	\$55,825.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	94,000.00	\$3.00	\$282,000.00	\$2.50	\$235,000.00	\$1.65	\$155,100.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	200,000.00	\$0.65	\$130,000.00	\$0.24	\$48,000.00	\$0.20	\$40,000.00

Item No.	Description	Unit	Quantity	PS&E		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		WEAVER BROS. CONST. CO., INC. 1529 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
504.1	COMMON BRIDGE EXCAVATION (F)	CY	98.00	\$35.00	\$3,430.00	\$45.00	\$4,410.00	\$100.00	\$9,800.00
564.62	LIGHTING SYSTEM CONNECTION	U	1.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	638.00	\$175.00	\$111,650.00	\$40.00	\$25,520.00	\$90.00	\$57,420.00
604.0007	POLYETHYLENE LINER	EA	40.00	\$250.00	\$10,000.00	\$145.00	\$5,800.00	\$190.00	\$7,600.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	45.00	\$550.00	\$24,750.00	\$1,000.00	\$45,000.00	\$405.00	\$18,225.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	410.00	\$20.00	\$8,200.00	\$100.00	\$41,000.00	\$110.00	\$45,100.00
606.12031	BEAM GUARDRAIL (THRIE BEAM-MODIFIED) INCLUDING TRANS SECT, STEEL POSTS	LF	25.00	\$100.00	\$2,500.00	\$40.00	\$1,000.00	\$50.00	\$1,250.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3) (STEEL POST)	U	47.00	\$3,300.00	\$155,100.00	\$4,000.00	\$188,000.00	\$4,200.00	\$197,400.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	7.00	\$1,500.00	\$10,500.00	\$900.00	\$6,300.00	\$1,000.00	\$7,000.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	35.00	\$30.00	\$1,050.00	\$38.00	\$1,330.00	\$40.00	\$1,400.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	175.00	\$25.00	\$4,375.00	\$28.00	\$4,900.00	\$30.00	\$5,250.00
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$4,300.00	\$12,900.00	\$4,500.00	\$13,500.00	\$5,000.00	\$15,000.00
606.33239	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST (MODIFIED)	U	1.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
606.41151	54" SINGLE FACED, SINGLE SLOPE CONCRETE BARRIER TO BEAM GUARDRAIL TRANSITION, PRECAST	U	4.00	\$15,000.00	\$60,000.00	\$5,500.00	\$22,000.00	\$4,750.00	\$19,000.00
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	520.00	\$210.00	\$109,200.00	\$165.00	\$85,800.00	\$140.00	\$72,800.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	6,000.00	\$40.00	\$240,000.00	\$15.75	\$94,500.00	\$20.00	\$120,000.00
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	1.00	\$1,750.00	\$1,750.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	9,200.00	\$38.00	\$349,600.00	\$16.00	\$147,200.00	\$17.50	\$161,000.00
606.912	RESETTING DOUBLE-FACED GUARDRAIL (STEEL POST)	LF	3,550.00	\$40.00	\$142,000.00	\$19.00	\$67,450.00	\$21.00	\$74,550.00
606.91254	RESETTING TERMINAL UNIT (TYPE TL 3 EAGR) (STEEL POST)	U	2.00	\$700.00	\$1,400.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	5.00	\$10,000.00	\$50,000.00	\$3,000.00	\$15,000.00	\$6,750.00	\$33,750.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	7,450.00	\$5.00	\$37,250.00	\$9.00	\$67,050.00	\$5.50	\$40,975.00
614.0438	3-CELL FABRIC INNERDUCT FOR 4" CONDUIT	LF	6,400.00	\$20.00	\$128,000.00	\$5.30	\$33,920.00	\$8.00	\$51,200.00
614.331	3" STEEL CONDUIT	LF	20.00	\$35.00	\$700.00	\$53.00	\$1,060.00	\$34.00	\$680.00
614.512	CONCRETE PULL BOX 18"	EA	4.00	\$850.00	\$3,400.00	\$834.00	\$3,336.00	\$850.00	\$3,400.00
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	19.00	\$4,500.00	\$85,500.00	\$4,890.00	\$92,910.00	\$7,600.00	\$144,400.00
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	1.00	\$6,000.00	\$6,000.00	\$6,910.00	\$6,910.00	\$9,900.00	\$9,900.00
614.523	MOLDED PULL BOX 17"X30"	EA	3.00	\$650.00	\$1,950.00	\$1,060.00	\$3,180.00	\$550.00	\$1,650.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	380.00	\$26.00	\$9,880.00	\$21.50	\$8,170.00	\$18.00	\$6,840.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	440.00	\$35.00	\$15,400.00	\$22.50	\$9,900.00	\$30.00	\$13,200.00
614.74214	4" 2-DUCT PVC CONDUIT, SCHEDULE 40	LF	50.00	\$35.00	\$1,750.00	\$37.00	\$1,850.00	\$21.00	\$1,050.00

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				Unit Price	Total	Unit Price	Total	Unit Price	Total
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	4,300.00	\$30.00	\$129,000.00	\$32.00	\$137,600.00	\$36.00	\$154,800.00
615.0301	TRAFFIC SIGN TYPE C	SF	177.00	\$70.00	\$12,390.00	\$128.00	\$22,656.00	\$138.00	\$24,426.00
615.0601	TRAFFIC SIGN TYPE CC	SF	177.00	\$50.00	\$8,850.00	\$23.50	\$4,159.50	\$25.50	\$4,513.50
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$4,750.00	\$4,750.00	\$7,000.00	\$7,000.00	\$6,900.00	\$6,900.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00
618.7	FLAGGERS	HR	320.00	\$32.00	\$10,240.00	\$42.00	\$13,440.00	\$44.00	\$14,080.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$289,100.00	\$289,100.00	\$400,000.00	\$400,000.00	\$305,000.00	\$305,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$20,000.00	\$40,000.00	\$4,000.00	\$8,000.00	\$12,500.00	\$25,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$10,000.00	\$40,000.00	\$4,500.00	\$18,000.00	\$7,750.00	\$31,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$40,000.00	\$80,000.00	\$19,500.00	\$39,000.00	\$25,000.00	\$50,000.00
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	8.00	\$30.00	\$240.00	\$125.00	\$1,000.00	\$40.00	\$320.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	105.00	\$5.50	\$577.50	\$5.30	\$556.50	\$5.75	\$603.75
621.31	SINGLE DELINEATOR WITH POST	EA	170.00	\$50.00	\$8,500.00	\$53.00	\$9,010.00	\$58.00	\$9,860.00
621.32	DOUBLE DELINEATOR WITH POST	EA	9.00	\$52.00	\$468.00	\$58.50	\$526.50	\$65.00	\$585.00
621.61	FIBER OPTIC DELINEATOR	EA	26.00	\$75.00	\$1,950.00	\$90.50	\$2,353.00	\$90.00	\$2,340.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	41,000.00	\$2.50	\$102,500.00	\$1.30	\$53,300.00	\$1.75	\$71,750.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	5,300.00	\$0.45	\$2,385.00	\$0.20	\$1,060.00	\$0.18	\$954.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	350,000.00	\$0.25	\$87,500.00	\$0.22	\$77,000.00	\$0.22	\$77,000.00
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	87,500.00	\$2.50	\$218,750.00	\$0.85	\$74,375.00	\$1.25	\$109,375.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	2,500.00	\$2.00	\$5,000.00	\$1.90	\$4,750.00	\$1.05	\$2,625.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,000.00	\$5.00	\$60,000.00	\$3.80	\$45,600.00	\$3.75	\$45,000.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	14,000.00	\$1.00	\$14,000.00	\$0.54	\$7,560.00	\$0.75	\$10,500.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,500.00	\$3.00	\$43,500.00	\$2.10	\$30,450.00	\$2.15	\$31,175.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$5.50	\$16,500.00	\$4.60	\$13,800.00	\$5.50	\$16,500.00
645.531	SILT FENCE	LF	10,000.00	\$4.00	\$40,000.00	\$1.70	\$17,000.00	\$3.00	\$30,000.00
645.611	BONDED FIBER MATRIX (BFM)	LB	34,000.00	\$1.50	\$51,000.00	\$1.50	\$51,000.00	\$1.60	\$54,400.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$20,000.00	\$20,000.00	\$25,500.00	\$25,500.00	\$26,000.00	\$26,000.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	250.00	\$70.00	\$17,500.00	\$69.00	\$17,250.00	\$72.00	\$18,000.00
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	13.50	\$1,400.00	\$18,900.00	\$1,500.00	\$20,250.00	\$1,575.00	\$21,262.50
647.1	HUMUS	CY	6,750.00	\$25.00	\$168,750.00	\$8.50	\$57,375.00	\$20.00	\$135,000.00
670.104	TEMPORARY PORTABLE LIGHTING	U	5.00	\$15,000.00	\$75,000.00	\$3,000.00	\$15,000.00	\$12,750.00	\$63,750.00

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				Unit Price	Total	Unit Price	Total	Unit Price	Total
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONAL BORE	LF	210.00	\$100.00	\$21,000.00	\$100.00	\$21,000.00	\$110.00	\$23,100.00
677.46501	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$26,000.00	\$26,000.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00
677.46502	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$26,000.00	\$26,000.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00
677.46503	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$35,000.00	\$35,000.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,380.00	\$5.00	\$6,900.00	\$1.90	\$2,622.00	\$5.00	\$6,900.00
677.51024	24-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	150.00	\$7.00	\$1,050.00	\$2.40	\$360.00	\$5.50	\$825.00
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	3,150.00	\$7.50	\$23,625.00	\$3.70	\$11,655.00	\$6.00	\$18,900.00
677.51288	288-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	50,700.00	\$10.00	\$507,000.00	\$5.10	\$258,570.00	\$7.00	\$354,900.00
677.53	FIBER OPTIC SPLICE	EA	814.00	\$120.00	\$97,680.00	\$79.50	\$64,713.00	\$105.00	\$85,470.00
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$15,000.00	\$15,000.00	\$13,300.00	\$13,300.00	\$15,000.00	\$15,000.00
677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$2,300.00	\$2,300.00	\$1,860.00	\$1,860.00	\$2,500.00	\$2,500.00
677.562	FIBER OPTIC PATCH PANEL (24-POSITION)	EA	1.00	\$6,000.00	\$6,000.00	\$2,150.00	\$2,150.00	\$2,550.00	\$2,550.00
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	5.00	\$18,000.00	\$90,000.00	\$6,430.00	\$32,150.00	\$6,000.00	\$30,000.00
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$10,000.00	\$10,000.00	\$5,310.00	\$5,310.00	\$3,500.00	\$3,500.00
677.64	UNINTERRUPTIBLE POWER SUPPLY (UPS)	EA	1.00	\$7,000.00	\$7,000.00	\$6,380.00	\$6,380.00	\$7,000.00	\$7,000.00
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	500.00	\$12.00	\$6,000.00	\$5.30	\$2,650.00	\$13.00	\$6,500.00
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	1.00	\$4,000.00	\$4,000.00	\$2,660.00	\$2,660.00	\$5,000.00	\$5,000.00
678.71	RESET IMPACT ATTENUATION DEVICE	U	1.00	\$18,000.00	\$18,000.00	\$18,600.00	\$18,600.00	\$21,000.00	\$21,000.00
692.	MOBILIZATION	U	1.00	\$1,000,000.00	\$1,000,000.00	\$450,000.00	\$450,000.00	\$500,000.00	\$500,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$5,000.00	\$5,000.00	\$3,350.00	\$3,350.00	\$3,500.00	\$3,500.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	200,000.00	\$1.00	\$200,000.00	\$1.00	\$200,000.00	\$1.00	\$200,000.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
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	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00
Totals:					\$8,979,104.50		\$6,839,152.50		\$7,230,620.25
Alt. Totals:									
Totals:					\$8,979,104.50		\$6,839,152.50		\$7,230,620.25



# PS&E Comparison

SALEM TO MANCHESTER

14633J

A004(438)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.1	CLEARING AND GRUBBING (F)	A	.23	\$35,000.00	\$8,050.00	\$25,000.00	\$5,750.00	\$2,300.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	100.00	\$4.25	\$425.00	\$15.00	\$1,500.00	(\$1,075.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	100.00	\$4.75	\$475.00	\$20.00	\$2,000.00	(\$1,525.00)
202.32	FILL AND ABANDON STRUCTURE	CY	60.00	\$650.00	\$39,000.00	\$350.00	\$21,000.00	\$18,000.00
202.7	REMOVAL OF GUARDRAIL	LF	9,700.00	\$3.75	\$36,375.00	\$4.00	\$38,800.00	(\$2,425.00)
202.74	REMOVAL OF CONCRETE BARRIER	LF	270.00	\$40.00	\$10,800.00	\$24.00	\$6,480.00	\$4,320.00
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83502	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83503	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83504	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83505	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.83506	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	(\$1,500.00)
202.841	REMOVAL OF PULL BOX	EA	3.00	\$850.00	\$2,550.00	\$200.00	\$600.00	\$1,950.00
203.1	COMMON EXCAVATION	CY	5,700.00	\$55.00	\$313,500.00	\$18.00	\$102,600.00	\$210,900.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$200.00

203.5561	EAGRT PLATFORM PREFERRED	U	13.00	\$1,650.00	\$21,450.00	\$1,750.00	\$22,750.00	(\$1,300.00)
203.6	EMBANKMENT-IN-PLACE (F)	CY	359.00	\$35.00	\$12,565.00	\$20.00	\$7,180.00	\$5,385.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	106.00	\$55.00	\$5,830.00	\$49.00	\$5,194.00	\$636.00
209.61	LIGHTWEIGHT AGGREGATE BACKFILL	CY	170.00	\$100.00	\$17,000.00	\$400.00	\$68,000.00	(\$51,000.00)
214.	FINE GRADING	U	1.00	\$75,000.00	\$75,000.00	\$170,000.00	\$170,000.00	(\$95,000.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,175.00	\$35.00	\$76,125.00	\$30.00	\$65,250.00	\$10,875.00
304.41	CRUSHED STONE (FINE GRADATION) FOR SHIM	CY	810.00	\$60.00	\$48,600.00	\$36.00	\$29,160.00	\$19,440.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	200.00	\$105.00	\$21,000.00	\$95.00	\$19,000.00	\$2,000.00
403.11001	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 1)	TON	20,500.00	\$74.00	\$1,517,000.00	\$80.00	\$1,640,000.00	(\$123,000.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	130.00	\$225.00	\$29,250.00	\$200.00	\$26,000.00	\$3,250.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	20,500.00	\$3.00	\$61,500.00	\$2.50	\$51,250.00	\$10,250.00
403.6	PAVEMENT JOINT ADHESIVE	LF	256,500.00	\$0.24	\$61,560.00	\$0.60	\$153,900.00	(\$92,340.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,500.00	\$3.50	\$50,750.00	\$4.50	\$65,250.00	(\$14,500.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	94,000.00	\$2.50	\$235,000.00	\$3.00	\$282,000.00	(\$47,000.00)
417.416	RUMBLE STRIPS, 16" WIDE	LF	200,000.00	\$0.24	\$48,000.00	\$0.65	\$130,000.00	(\$82,000.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	98.00	\$45.00	\$4,410.00	\$35.00	\$3,430.00	\$980.00
564.62	LIGHTING SYSTEM CONNECTION	U	1.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	(\$20,000.00)
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	638.00	\$40.00	\$25,520.00	\$175.00	\$111,650.00	(\$86,130.00)
604.0007	POLYETHYLENE LINER	EA	40.00	\$145.00	\$5,800.00	\$250.00	\$10,000.00	(\$4,200.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	45.00	\$1,000.00	\$45,000.00	\$550.00	\$24,750.00	\$20,250.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	410.00	\$100.00	\$41,000.00	\$20.00	\$8,200.00	\$32,800.00
606.12031	BEAM GUARDRAIL (THRIE BEAM-MODIFIED) INCLUDING TRANS SECT, STEEL POSTS	LF	25.00	\$40.00	\$1,000.00	\$100.00	\$2,500.00	(\$1,500.00)

606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	47.00	\$4,000.00	\$188,000.00	\$3,300.00	\$155,100.00	\$32,900.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	7.00	\$900.00	\$6,300.00	\$1,500.00	\$10,500.00	(\$4,200.00)
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	35.00	\$38.00	\$1,330.00	\$30.00	\$1,050.00	\$280.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	175.00	\$28.00	\$4,900.00	\$25.00	\$4,375.00	\$525.00
606.312	SINGLE FACED TRANSITION RAIL, STEEL POST	U	3.00	\$4,500.00	\$13,500.00	\$4,300.00	\$12,900.00	\$600.00
606.33239	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST (MODIFIED)	U	1.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$0.00
606.41151	54" SINGLE FACED, SINGLE SLOPE CONCRETE BARRIER TO BEAM GUARDRAIL TRANSITION, PRECAST	U	4.00	\$5,500.00	\$22,000.00	\$15,000.00	\$60,000.00	(\$38,000.00)
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	520.00	\$165.00	\$85,800.00	\$210.00	\$109,200.00	(\$23,400.00)
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	6,000.00	\$15.75	\$94,500.00	\$40.00	\$240,000.00	(\$145,500.00)
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	1.00	\$1,800.00	\$1,800.00	\$1,750.00	\$1,750.00	\$50.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	9,200.00	\$16.00	\$147,200.00	\$38.00	\$349,600.00	(\$202,400.00)
606.912	RESETTING DOUBLE-FACED GUARDRAIL (STEEL POST)	LF	3,550.00	\$19.00	\$67,450.00	\$40.00	\$142,000.00	(\$74,550.00)
606.91254	RESETTING TERMINAL UNIT (TYPE TL 3 EAGRT) (STEEL POST)	U	2.00	\$1,400.00	\$2,800.00	\$700.00	\$1,400.00	\$1,400.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	5.00	\$3,000.00	\$15,000.00	\$10,000.00	\$50,000.00	(\$35,000.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	7,450.00	\$9.00	\$67,050.00	\$5.00	\$37,250.00	\$29,800.00
614.0438	3-CELL FABRIC INNERDUCT FOR 4" CONDUIT	LF	6,400.00	\$5.30	\$33,920.00	\$20.00	\$128,000.00	(\$94,080.00)
614.331	3" STEEL CONDUIT	LF	20.00	\$53.00	\$1,060.00	\$35.00	\$700.00	\$360.00
614.512	CONCRETE PULL BOX 18"	EA	4.00	\$834.00	\$3,336.00	\$850.00	\$3,400.00	(\$64.00)
614.51821	CONCRETE FIBER OPTIC SPLICE VAULT 48"X48"X48"	U	19.00	\$4,890.00	\$92,910.00	\$4,500.00	\$85,500.00	\$7,410.00
614.51823	CONCRETE FIBER OPTIC SPLICE VAULT 48"X96"X48"	U	1.00	\$6,910.00	\$6,910.00	\$6,000.00	\$6,000.00	\$910.00
614.523	MOLDED PULL BOX 17"X30"	EA	3.00	\$1,060.00	\$3,180.00	\$650.00	\$1,950.00	\$1,230.00



614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	380.00	\$21.50	\$8,170.00	\$26.00	\$9,880.00	(\$1,710.00)
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	440.00	\$22.50	\$9,900.00	\$35.00	\$15,400.00	(\$5,500.00)
614.74214	4" 2-DUCT PVC CONDUIT, SCHEDULE 40	LF	50.00	\$37.00	\$1,850.00	\$35.00	\$1,750.00	\$100.00
614.74221	4" 2-DUCT HDPE CONDUIT, SDR 13.5	LF	4,300.00	\$32.00	\$137,600.00	\$30.00	\$129,000.00	\$8,600.00
615.0301	TRAFFIC SIGN TYPE C	SF	177.00	\$128.00	\$22,656.00	\$70.00	\$12,390.00	\$10,266.00
615.0601	TRAFFIC SIGN TYPE CC	SF	177.00	\$23.50	\$4,159.50	\$50.00	\$8,850.00	(\$4,690.50)
615.144	RELOCATE SIGN TYPE AA TO FULL TRAFFIC SIGN STRUCTURE	U	1.00	\$7,000.00	\$7,000.00	\$4,750.00	\$4,750.00	\$2,250.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	500,000.00	\$1.00	\$500,000.00	\$1.00	\$500,000.00	\$0.00
618.7	FLAGGERS	HR	320.00	\$42.00	\$13,440.00	\$32.00	\$10,240.00	\$3,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$400,000.00	\$400,000.00	\$289,100.00	\$289,100.00	\$110,900.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,000.00	\$8,000.00	\$20,000.00	\$40,000.00	(\$32,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$4,500.00	\$18,000.00	\$10,000.00	\$40,000.00	(\$22,000.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$19,500.00	\$39,000.00	\$40,000.00	\$80,000.00	(\$41,000.00)
621.1	RETROREFLECTIVE MEDIAN BARRIER DELINEATOR	EA	8.00	\$125.00	\$1,000.00	\$30.00	\$240.00	\$760.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	105.00	\$5.30	\$556.50	\$5.50	\$577.50	(\$21.00)
621.31	SINGLE DELINEATOR WITH POST	EA	170.00	\$53.00	\$9,010.00	\$50.00	\$8,500.00	\$510.00
621.32	DOUBLE DELINEATOR WITH POST	EA	9.00	\$58.50	\$526.50	\$52.00	\$468.00	\$58.50
621.61	FIBER OPTIC DELINEATOR	EA	26.00	\$90.50	\$2,353.00	\$75.00	\$1,950.00	\$403.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	41,000.00	\$1.30	\$53,300.00	\$2.50	\$102,500.00	(\$49,200.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	5,300.00	\$0.20	\$1,060.00	\$0.45	\$2,385.00	(\$1,325.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	350,000.00	\$0.22	\$77,000.00	\$0.25	\$87,500.00	(\$10,500.00)
632.1106	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 6" LINE	LF	87,500.00	\$0.85	\$74,375.00	\$2.50	\$218,750.00	(\$144,375.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	2,500.00	\$1.90	\$4,750.00	\$2.00	\$5,000.00	(\$250.00)

632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,000.00	\$3.80	\$45,600.00	\$5.00	\$60,000.00	(\$14,400.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	14,000.00	\$0.54	\$7,560.00	\$1.00	\$14,000.00	(\$6,440.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,500.00	\$2.10	\$30,450.00	\$3.00	\$43,500.00	(\$13,050.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,000.00	\$4.60	\$13,800.00	\$5.50	\$16,500.00	(\$2,700.00)
645.531	SILT FENCE	LF	10,000.00	\$1.70	\$17,000.00	\$4.00	\$40,000.00	(\$23,000.00)
645.611	BONDED FIBER MATRIX (BFM)	LB	34,000.00	\$1.50	\$51,000.00	\$1.50	\$51,000.00	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$25,500.00	\$25,500.00	\$20,000.00	\$20,000.00	\$5,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	250.00	\$69.00	\$17,250.00	\$70.00	\$17,500.00	(\$250.00)
646.2	TURF ESTABLISHMENT WITHOUT MULCH	A	13.50	\$1,500.00	\$20,250.00	\$1,400.00	\$18,900.00	\$1,350.00
647.1	HUMUS	CY	6,750.00	\$8.50	\$57,375.00	\$25.00	\$168,750.00	(\$111,375.00)
670.104	TEMPORARY PORTABLE LIGHTING	U	5.00	\$3,000.00	\$15,000.00	\$15,000.00	\$75,000.00	(\$60,000.00)
671.603	3-INCH PVC CONDUIT, SCHEDULE 80, DIRECTIONAL BORE	LF	210.00	\$100.00	\$21,000.00	\$100.00	\$21,000.00	\$0.00
677.46501	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00	\$7,450.00
677.46502	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$33,450.00	\$33,450.00	\$26,000.00	\$26,000.00	\$7,450.00
677.46503	MOTOR VEHICLE DETECTION SYSTEM (MVDS) WITHOUT POLE	U	1.00	\$33,450.00	\$33,450.00	\$35,000.00	\$35,000.00	(\$1,550.00)
677.51012	12-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	1,380.00	\$1.90	\$2,622.00	\$5.00	\$6,900.00	(\$4,278.00)
677.51024	24-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	150.00	\$2.40	\$360.00	\$7.00	\$1,050.00	(\$690.00)
677.51072	72-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	3,150.00	\$3.70	\$11,655.00	\$7.50	\$23,625.00	(\$11,970.00)
677.51288	288-STRAND SINGLE MODE FIBER OPTIC CABLE	LF	50,700.00	\$5.10	\$258,570.00	\$10.00	\$507,000.00	(\$248,430.00)
677.53	FIBER OPTIC SPLICE	EA	814.00	\$79.50	\$64,713.00	\$120.00	\$97,680.00	(\$32,967.00)
677.54101	GROUND MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$13,300.00	\$13,300.00	\$15,000.00	\$15,000.00	(\$1,700.00)

677.561	FIBER OPTIC PATCH PANEL (12-POSITION)	EA	1.00	\$1,860.00	\$1,860.00	\$2,300.00	\$2,300.00	(\$440.00)
677.562	FIBER OPTIC PATCH PANEL (24-POSITION)	EA	1.00	\$2,150.00	\$2,150.00	\$6,000.00	\$6,000.00	(\$3,850.00)
677.5822	1 GBPS FIBER ETHERNET SWITCH	EA	5.00	\$6,430.00	\$32,150.00	\$18,000.00	\$90,000.00	(\$57,850.00)
677.6301	METER AND DISCONNECT PEDESTAL	U	1.00	\$5,310.00	\$5,310.00	\$10,000.00	\$10,000.00	(\$4,690.00)
677.64	UNINTERRUPTIBLE POWER SUPPLY (UPS)	EA	1.00	\$6,380.00	\$6,380.00	\$7,000.00	\$7,000.00	(\$620.00)
677.9304	3-CONDUCTOR #4 AWG CABLE	LF	500.00	\$5.30	\$2,650.00	\$12.00	\$6,000.00	(\$3,350.00)
678.201	IMPACT ATTENUATOR FOUNDATION PAD	U	1.00	\$2,660.00	\$2,660.00	\$4,000.00	\$4,000.00	(\$1,340.00)
678.71	RESET IMPACT ATTENUATION DEVICE	U	1.00	\$18,600.00	\$18,600.00	\$18,000.00	\$18,000.00	\$600.00
692.	MOBILIZATION	U	1.00	\$450,000.00	\$450,000.00	\$1,000,000.00	\$1,000,000.00	(\$550,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$3,350.00	\$3,350.00	\$5,000.00	\$5,000.00	(\$1,650.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	200,000.00	\$1.00	\$200,000.00	\$1.00	\$200,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$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	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$0.00
<b>Total:</b>					\$6,839,152.50		\$8,979,104.50	(\$2,139,952.00)