

MANCHESTER 42635 X-A004(997)

PROJECT: MANCHESTER

STATE PROJECT NUMBER: 42635

FED. PROJECT NUMBER: X-A004(997)

DATE BIDS OPEN:

October 15, 2020, 2:00

SCOPE OF WORK:

Resurfacing of I293/NH101 in Manchester & 28 Bypass from Derry to Manchester

COMPLETION DATE:

September 23, 2022

LOCATION:

Hillsborough, Rockingham

Awarded To: PIKE INDUSTRIES, INC.

Award Date:

3 EASTGATE PARK ROAD

BELMONT, NH 03220

Amount: \$8,249,696.87 Certified by: PETER.E.STAMNAS

Director of Project Development

### **Summary of Bidders**

Contractor	Bid Amount	Rank
PIKE INDUSTRIES, INC.	\$8,249,696.87	Α
3 EASTGATE PARK ROAD, BELMONT NH 03220		
CONTINENTAL PAVING INC	\$8,318,188.79	В
1 CONTINENTAL DRIVE, LONDONDERRY NH 03053		
BROX INDUSTRIES, INC.	\$8,342,479.56	С
1471 METHUEN STREET, DRACUT MA 01826		



MANCHESTER 42635 X-A004(997)

					PS&E	3 EASTGAT	JSTRIES, INC. TE PARK ROAD IT, NH 03220	1 CONTINI	TAL PAVING INC ENTAL DRIVE ERRY, NH 03053
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total

#### **Items**

202.7	REMOVAL OF GUARDRAIL	LF	14,960.50	\$2.84	\$42,487.82	\$4.00	\$59,842.00	\$2.85	\$42,637.43
202.83131	REMOVE AND SALVAGE CCTV CABINET	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
202.83401	REMOVE AND SALVAGE VSLS SYSTEM	U	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
203.5561	EAGRT PLATFORM PREFERRED	U	19.00	\$1,185.00	\$22,515.00	\$2,100.00	\$39,900.00	\$1,750.00	\$33,250.00
203.5562	EAGRT PLATFORM ALTERNATE	U	8.00	\$1,185.00	\$9,480.00	\$2,000.00	\$16,000.00	\$1,750.00	\$14,000.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	152.00	\$27.50	\$4,180.00	\$38.00	\$5,776.00	\$30.00	\$4,560.00
206.1	COMMON STRUCTURE EXCAVATION	CY	32.70	\$41.72	\$1,364.24	\$500.00	\$16,350.00	\$350.00	\$11,445.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,433.00	\$26.69	\$91,626.77	\$25.00	\$85,825.00	\$30.00	\$102,990.00
403.11023	HBP-BINDER, MM	TON	2,739.00	\$83.93	\$229,884.27	\$78.00	\$213,642.00	\$90.00	\$246,510.00
403.11051	HBP-3/8" WEARING, MM, QC/QA TIER 1	TON	9,574.00	\$77.76	\$744,474.24	\$77.00	\$737,198.00	\$100.00	\$957,400.00
403.11841	HBP-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 1	TON	19,514.00	\$105.00	\$2,048,970.00	\$90.00	\$1,756,260.00	\$100.00	\$1,951,400.00
403.11842	HPB-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 2	TON	2,931.00	\$105.00	\$307,755.00	\$99.00	\$290,169.00	\$100.00	\$293,100.00
403.11843	HPB-1/2" POLYMER MODIFIED WEARING, MM	TON	18.00	\$105.00	\$1,890.00	\$250.00	\$4,500.00	\$200.00	\$3,600.00
403.11942	HBP-1/2" WEARING, MM, HIGH STRENGTH, QC/QA TIER 2	TON	3,965.00	\$82.71	\$327,945.15	\$94.00	\$372,710.00	\$100.00	\$396,500.00
403.11953	HBP-3/8" WEARING, MM, HIGH STRENGTH	TON	8.00	\$105.00	\$840.00	\$500.00	\$4,000.00	\$200.00	\$1,600.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	95.50	\$138.17	\$13,195.24	\$150.00	\$14,325.00	\$150.00	\$14,325.00
403.16	PAVEMENT JOINT ADHESIVE	LF	391,407.00	\$0.29	\$113,508.03	\$0.25	\$97,851.75	\$0.30	\$117,422.10
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	44,763.00	\$2.03	\$90,868.89	\$2.00	\$89,526.00	\$3.00	\$134,289.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	36,510.00	\$3.24	\$118,292.40	\$4.00	\$146,040.00	\$4.50	\$164,295.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	10,827.00	\$105.00	\$1,136,835.00	\$78.00	\$844,506.00	\$85.00	\$920,295.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	113,977.00	\$2.21	\$251,889.17	\$3.00	\$341,931.00	\$2.50	\$284,942.50
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	2,919.00	\$4.57	\$13,339.83	\$4.00	\$11,676.00	\$1.50	\$4,378.50
417.416	RUMBLE STRIPS, 16" WIDE	LF	65,819.00	\$0.67	\$44,098.73	\$0.47	\$30,934.93	\$0.25	\$16,454.75



					PS&E	3 EASTGA	USTRIES, INC. TE PARK ROAD NT, NH 03220	1 CONTIN	TAL PAVING INC IENTAL DRIVE ERRY, NH 03053
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	61,894.00	\$2.23	\$138,023.62	\$2.40	\$148,545.60	\$2.50	\$154,735.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	286.00	\$106.71	\$30,519.06	\$102.50	\$29,315.00	\$102.50	\$29,315.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	248.00	\$139.60	\$34,620.80	\$128.75	\$31,930.00	\$128.75	\$31,930.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	4.00	\$400.00	\$1,600.00	\$2,000.00	\$8,000.00	\$2,150.00	\$8,600.00
604.0007	POLYETHYLENE LINER	EA	31.00	\$127.00	\$3,937.00	\$125.00	\$3,875.00	\$120.00	\$3,720.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	29.00	\$453.00	\$13,137.00	\$650.00	\$18,850.00	\$500.00	\$14,500.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	2.00	\$455.00	\$910.00	\$650.00	\$1,300.00	\$500.00	\$1,000.00
604.783	GRATES & FRAMES SPECIAL ADA COMPLIANT	EA	1.00	\$1,150.00	\$1,150.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	500.00	\$15.34	\$7,670.00	\$15.00	\$7,500.00	\$12.00	\$6,000.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	6.00	\$20.00	\$120.00	\$90.00	\$540.00	\$80.00	\$480.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	6.00	\$15.00	\$90.00	\$18.25	\$109.50	\$18.25	\$109.50
606.014	6"X8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	80.00	\$97.38	\$7,790.40	\$92.00	\$7,360.00	\$90.00	\$7,200.00
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	80.00	\$25.63	\$2,050.40	\$23.00	\$1,840.00	\$19.50	\$1,560.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	26.00	\$2,990.12	\$77,743.12	\$3,600.00	\$93,600.00	\$3,685.00	\$95,810.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$3,221.39	\$3,221.39	\$3,600.00	\$3,600.00	\$3,685.00	\$3,685.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	17.00	\$949.96	\$16,149.32	\$1,100.00	\$18,700.00	\$1,100.00	\$18,700.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	152.00	\$37.50	\$5,700.00	\$38.00	\$5,776.00	\$36.00	\$5,472.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,825.50	\$22.56	\$289,343.28	\$25.00	\$320,637.50	\$23.00	\$294,986.50
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	16.00	\$1,010.56	\$16,168.96	\$1,200.00	\$19,200.00	\$1,250.00	\$20,000.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	19.00	\$1,010.56	\$19,200.64	\$1,200.00	\$22,800.00	\$1,250.00	\$23,750.00
606.91	RESETTING OR SETTING GUARDRAIL	LF	810.50	\$16.00	\$12,968.00	\$14.00	\$11,347.00	\$14.00	\$11,347.00
606.914	RESETTING TERMINAL UNIT	U	7.00	\$600.00	\$4,200.00	\$750.00	\$5,250.00	\$785.00	\$5,495.00
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	3.00	\$600.00	\$1,800.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	8,347.50	\$8.73	\$72,873.68	\$9.00	\$75,127.50	\$9.00	\$75,127.50
608.2401	4" CONCRETE SIDEWALK	SY	275.90	\$61.15	\$16,871.29	\$75.00	\$20,692.50	\$75.00	\$20,692.50



					PS&E	3 EASTGA	USTRIES, INC. TE PARK ROAD NT, NH 03220	1 CONTIN	TAL PAVING INC NENTAL DRIVE ERRY, NH 03053
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	39.30	\$442.15	\$17,376.50	\$400.00	\$15,720.00	\$500.00	\$19,650.00
609.5	RESET GRANITE CURB	LF	466.00	\$16.73	\$7,796.18	\$50.00	\$23,300.00	\$40.00	\$18,640.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	4,003.50	\$5.80	\$23,220.30	\$8.00	\$32,028.00	\$6.00	\$24,021.00
615.0201	TRAFFIC SIGN TYPE B	SF	41.50	\$71.28	\$2,958.12	\$40.00	\$1,660.00	\$38.80	\$1,610.20
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$73.38	\$146.76	\$30.00	\$60.00	\$30.00	\$60.00
615.0301	TRAFFIC SIGN TYPE C	SF	193.50	\$46.27	\$8,953.25	\$35.00	\$6,772.50	\$34.70	\$6,714.45
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	42.00	\$15.39	\$646.38	\$30.00	\$1,260.00	\$30.00	\$1,260.00
615.0501	TRAFFIC SIGN TYPE BB	SF	9.00	\$16.49	\$148.41	\$12.00	\$108.00	\$12.00	\$108.00
615.0601	TRAFFIC SIGN TYPE CC	SF	22.18	\$14.35	\$318.28	\$12.00	\$266.16	\$12.00	\$266.16
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	2.00	\$611.00	\$1,222.00	\$500.00	\$1,000.00	\$750.00	\$1,500.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	20.00	\$1,171.08	\$23,421.60	\$900.00	\$18,000.00	\$900.00	\$18,000.00
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	4.00	\$2,875.00	\$11,500.00	\$4,000.00	\$16,000.00	\$3,000.00	\$12,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	84,500.00	\$1.00	\$84,500.00	\$1.00	\$84,500.00	\$1.00	\$84,500.00
618.7	FLAGGERS	HR	1,620.00	\$34.55	\$55,971.00	\$40.00	\$64,800.00	\$35.00	\$56,700.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$390,000.00	\$390,000.00	\$550,000.00	\$550,000.00	\$300,000.00	\$300,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$4,411.21	\$17,644.84	\$6,000.00	\$24,000.00	\$4,000.00	\$16,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$940.71	\$3,762.84	\$250.00	\$1,000.00	\$250.00	\$1,000.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,394.20	\$5,576.80	\$6,000.00	\$24,000.00	\$5,000.00	\$20,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$27,500.00	\$55,000.00	\$40,000.00	\$80,000.00	\$10,000.00	\$20,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	292.00	\$5.49	\$1,603.08	\$5.00	\$1,460.00	\$5.00	\$1,460.00
621.31	SINGLE DELINEATOR WITH POST	EA	157.00	\$47.76	\$7,498.32	\$50.00	\$7,850.00	\$48.00	\$7,536.00
621.32	DOUBLE DELINEATOR WITH POST	EA	27.00	\$50.57	\$1,365.39	\$65.00	\$1,755.00	\$50.00	\$1,350.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	841.00	\$2.43	\$2,043.63	\$10.00	\$8,410.00	\$2.50	\$2,102.50
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	353,100.00	\$0.16	\$56,496.00	\$0.19	\$67,089.00	\$0.18	\$63,558.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	193,800.00	\$0.18	\$34,884.00	\$0.21	\$40,698.00	\$0.20	\$38,760.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	1,043.00	\$1.25	\$1,303.75	\$0.75	\$782.25	\$1.25	\$1,303.75



					PS&E	3 EASTGA	USTRIES, INC. TE PARK ROAD NT, NH 03220	1 CONTIN	TAL PAVING INC NENTAL DRIVE IERRY, NH 03053
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	377.00	\$3.91	\$1,474.07	\$3.75	\$1,413.75	\$5.00	\$1,885.0
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,042.00	\$0.90	\$937.80	\$1.81	\$1,886.02	\$0.58	\$604.3
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	16,933.00	\$1.12	\$18,964.96	\$2.06	\$34,881.98	\$0.87	\$14,731.7
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,127.00	\$2.62	\$2,952.74	\$3.09	\$3,482.43	\$1.45	\$1,634.1
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,310.00	\$3.17	\$39,022.70	\$3.87	\$47,639.70	\$3.95	\$48,624.5
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	377.00	\$5.06	\$1,907.62	\$5.16	\$1,945.32	\$5.95	\$2,243.1
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,604.00	\$8.76	\$14,051.04	\$9.28	\$14,885.12	\$7.50	\$12,030.0
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	15,226.00	\$0.51	\$7,765.26	\$0.41	\$6,242.66	\$0.95	\$14,464.7
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,964.00	\$2.43	\$36,362.52	\$2.00	\$29,928.00	\$1.75	\$26,187.0
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,795.00	\$4.56	\$17,305.20	\$5.00	\$18,975.00	\$3.75	\$14,231.2
645.531	SILT FENCE	LF	3,795.00	\$2.53	\$9,601.35	\$1.50	\$5,692.50	\$2.00	\$7,590.0
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	101.40	\$2.85	\$288.99	\$28.00	\$2,839.20	\$0.45	\$45.63
692.	MOBILIZATION	U	1.00	\$410,000.00	\$410,000.00	\$521,000.00	\$521,000.00	\$450,000.00	\$450,000.0
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.0
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	15,300.00	\$1.00	\$15,300.00	\$1.00	\$15,300.00	\$1.00	\$15,300.0
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
1008.941	ALTERATIONS AND ADDITIONS AS NEEDED - CCTV EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	13,450.00	\$1.00	\$13,450.00	\$1.00	\$13,450.00	\$1.00	\$13,450.0
1008.942	ALTERATIONS AND ADDITIONS AS NEEDED - RWIS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	11,300.00	\$1.00	\$11,300.00	\$1.00	\$11,300.00	\$1.00	\$11,300.0
1008.946	ALTERATIONS AND ADDITIONS AS NEEDED - MVDS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.0
1008.951	ALTERATIONS AND ADDITIONS AS NEEDED - ITS CABINET EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	35,500.00	\$1.00	\$35,500.00	\$1.00	\$35,500.00	\$1.00	\$35,500.0
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.0
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.0
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	171,458.00	\$1.00	\$171,458.00	\$1.00	\$171,458.00	\$1.00	\$171,458.0
		<u> </u>	Totals:		\$8.219.297.42	<u>'</u>	\$8.249.696.87		\$8,318,188.7

# New Hampshive Department of Transportation

## **ABC Bid Data**

					PS&E	3 EASTGAT	USTRIES, INC. IE PARK ROAD UT, NH 03220	1 CONTIN	TAL PAVING INC IENTAL DRIVE ERRY, NH 03053
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
			Alt. Totals:						
			Totals:		\$8,219,297.42		\$8,249,696.87		\$8,318,188.79



MANCHESTER 42635 X-A004(997)

				ı	°S&E	1471 MET	USTRIES, INC. HUEN STREET T, MA 01826		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total

#### **Items**

202.7	REMOVAL OF GUARDRAIL	LF	14,960.50	\$2.84	\$42,487.82	\$3.85	\$57,597.93	
202.83131	REMOVE AND SALVAGE CCTV CABINET	U	1.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	
202.83401	REMOVE AND SALVAGE VSLS SYSTEM	U	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	
203.5561	EAGRT PLATFORM PREFERRED	U	19.00	\$1,185.00	\$22,515.00	\$1,800.00	\$34,200.00	
203.5562	EAGRT PLATFORM ALTERNATE	U	8.00	\$1,185.00	\$9,480.00	\$1,650.00	\$13,200.00	
203.5596	GUARDRAIL E-2 PLATFORM	LF	152.00	\$27.50	\$4,180.00	\$40.00	\$6,080.00	
206.1	COMMON STRUCTURE EXCAVATION	CY	32.70	\$41.72	\$1,364.24	\$500.00	\$16,350.00	
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,433.00	\$26.69	\$91,626.77	\$26.00	\$89,258.00	
403.11023	HBP-BINDER, MM	TON	2,739.00	\$83.93	\$229,884.27	\$85.00	\$232,815.00	
403.11051	HBP-3/8" WEARING, MM, QC/QA TIER 1	TON	9,574.00	\$77.76	\$744,474.24	\$85.00	\$813,790.00	
403.11841	HBP-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 1	TON	19,514.00	\$105.00	\$2,048,970.00	\$92.00	\$1,795,288.00	
403.11842	HPB-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 2	TON	2,931.00	\$105.00	\$307,755.00	\$94.00	\$275,514.00	
403.11843	HPB-1/2" POLYMER MODIFIED WEARING, MM	TON	18.00	\$105.00	\$1,890.00	\$250.00	\$4,500.00	
403.11942	HBP-1/2" WEARING, MM, HIGH STRENGTH, QC/QA TIER 2	TON	3,965.00	\$82.71	\$327,945.15	\$84.00	\$333,060.00	
403.11953	HBP-3/8" WEARING, MM, HIGH STRENGTH	TON	8.00	\$105.00	\$840.00	\$250.00	\$2,000.00	
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	95.50	\$138.17	\$13,195.24	\$200.00	\$19,100.00	
403.16	PAVEMENT JOINT ADHESIVE	LF	391,407.00	\$0.29	\$113,508.03	\$0.31	\$121,336.17	
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	44,763.00	\$2.03	\$90,868.89	\$3.00	\$134,289.00	
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	36,510.00	\$3.24	\$118,292.40	\$4.25	\$155,167.50	
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	10,827.00	\$105.00	\$1,136,835.00	\$83.00	\$898,641.00	
417.	COLD PLANING BITUMINOUS SURFACES	SY	113,977.00	\$2.21	\$251,889.17	\$3.50	\$398,919.50	
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	2,919.00	\$4.57	\$13,339.83	\$5.00	\$14,595.00	
417.416	RUMBLE STRIPS, 16" WIDE	LF	65,819.00	\$0.67	\$44,098.73	\$0.60	\$39,491.40	

Wednesday, October 21, 2020



					PS&E	1471 MET	OUSTRIES, INC. HUEN STREET IT, MA 01826		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	61,894.00	\$2.23	\$138,023.62	\$2.25	\$139,261.50		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	286.00	\$106.71	\$30,519.06	\$105.00	\$30,030.00		
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	248.00	\$139.60	\$34,620.80	\$130.00	\$32,240.00		
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	4.00	\$400.00	\$1,600.00	\$2,200.00	\$8,800.00		
604.0007	POLYETHYLENE LINER	EA	31.00	\$127.00	\$3,937.00	\$100.00	\$3,100.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	29.00	\$453.00	\$13,137.00	\$400.00	\$11,600.00		
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	2.00	\$455.00	\$910.00	\$600.00	\$1,200.00		
604.783	GRATES & FRAMES SPECIAL ADA COMPLIANT	EA	1.00	\$1,150.00	\$1,150.00	\$1,000.00	\$1,000.00		
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	500.00	\$15.34	\$7,670.00	\$12.50	\$6,250.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	6.00	\$20.00	\$120.00	\$85.00	\$510.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	6.00	\$15.00	\$90.00	\$19.00	\$114.00		
606.014	6"X8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	80.00	\$97.38	\$7,790.40	\$95.00	\$7,600.00		
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	80.00	\$25.63	\$2,050.40	\$20.50	\$1,640.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	26.00	\$2,990.12	\$77,743.12	\$3,800.00	\$98,800.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$3,221.39	\$3,221.39	\$3,800.00	\$3,800.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	17.00	\$949.96	\$16,149.32	\$1,200.00	\$20,400.00		
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	152.00	\$37.50	\$5,700.00	\$37.00	\$5,624.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,825.50	\$22.56	\$289,343.28	\$24.50	\$314,224.75		
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	16.00	\$1,010.56	\$16,168.96	\$1,300.00	\$20,800.00		
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	19.00	\$1,010.56	\$19,200.64	\$1,300.00	\$24,700.00		
606.91	RESETTING OR SETTING GUARDRAIL	LF	810.50	\$16.00	\$12,968.00	\$15.00	\$12,157.50		
606.914	RESETTING TERMINAL UNIT	U	7.00	\$600.00	\$4,200.00	\$800.00	\$5,600.00		
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	3.00	\$600.00	\$1,800.00	\$1,050.00	\$3,150.00		
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	8,347.50	\$8.73	\$72,873.68	\$10.00	\$83,475.00		
608.2401	4" CONCRETE SIDEWALK	SY	275.90	\$61.15	\$16,871.29	\$85.00	\$23,451.50		



					PS&E	1471 MET	DUSTRIES, INC. HUEN STREET IT, MA 01826		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	39.30	\$442.15	\$17,376.50	\$400.00	\$15,720.00		
609.5	RESET GRANITE CURB	LF	466.00	\$16.73	\$7,796.18	\$55.00	\$25,630.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	4,003.50	\$5.80	\$23,220.30	\$7.00	\$28,024.50		
615.0201	TRAFFIC SIGN TYPE B	SF	41.50	\$71.28	\$2,958.12	\$39.00	\$1,618.50		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$73.38	\$146.76	\$30.00	\$60.00		
615.0301	TRAFFIC SIGN TYPE C	SF	193.50	\$46.27	\$8,953.25	\$35.00	\$6,772.50		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	42.00	\$15.39	\$646.38	\$30.00	\$1,260.00		
615.0501	TRAFFIC SIGN TYPE BB	SF	9.00	\$16.49	\$148.41	\$12.00	\$108.00		
615.0601	TRAFFIC SIGN TYPE CC	SF	22.18	\$14.35	\$318.28	\$12.00	\$266.16		
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	2.00	\$611.00	\$1,222.00	\$550.00	\$1,100.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	20.00	\$1,171.08	\$23,421.60	\$950.00	\$19,000.00		
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	4.00	\$2,875.00	\$11,500.00	\$4,200.00	\$16,800.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	84,500.00	\$1.00	\$84,500.00	\$1.00	\$84,500.00		
618.7	FLAGGERS	HR	1,620.00	\$34.55	\$55,971.00	\$38.00	\$61,560.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$390,000.00	\$390,000.00	\$450,000.00	\$450,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$4,411.21	\$17,644.84	\$7,200.00	\$28,800.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$940.71	\$3,762.84	\$160.00	\$640.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,394.20	\$5,576.80	\$7,200.00	\$28,800.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$27,500.00	\$55,000.00	\$30,000.00	\$60,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	292.00	\$5.49	\$1,603.08	\$5.00	\$1,460.00		
621.31	SINGLE DELINEATOR WITH POST	EA	157.00	\$47.76	\$7,498.32	\$50.00	\$7,850.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	27.00	\$50.57	\$1,365.39	\$55.00	\$1,485.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	841.00	\$2.43	\$2,043.63	\$5.00	\$4,205.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	353,100.00	\$0.16	\$56,496.00	\$0.20	\$70,620.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	193,800.00	\$0.18	\$34,884.00	\$0.22	\$42,636.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	1,043.00	\$1.25	\$1,303.75	\$1.00	\$1,043.00		



					PS&E	1471 MET	DUSTRIES, INC. HUEN STREET JT, MA 01826		
tem No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
32.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	377.00	\$3.91	\$1,474.07	\$3.50	\$1,319.50		
32.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,042.00	\$0.90	\$937.80	\$0.75	\$781.50		
32.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	16,933.00	\$1.12	\$18,964.96	\$1.00	\$16,933.00		
32.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,127.00	\$2.62	\$2,952.74	\$1.65	\$1,859.55		
32.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,310.00	\$3.17	\$39,022.70	\$4.20	\$51,702.00		
32.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	377.00	\$5.06	\$1,907.62	\$6.40	\$2,412.80		
32.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,604.00	\$8.76	\$14,051.04	\$8.00	\$12,832.00		
32.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	15,226.00	\$0.51	\$7,765.26	\$1.00	\$15,226.00		
45.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,964.00	\$2.43	\$36,362.52	\$2.70	\$40,402.80		
45.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,795.00	\$4.56	\$17,305.20	\$3.75	\$14,231.25		
45.531	SILT FENCE	LF	3,795.00	\$2.53	\$9,601.35	\$2.65	\$10,056.75		
46.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	101.40	\$2.85	\$288.99	\$25.00	\$2,535.00		
92.	MOBILIZATION	U	1.00	\$410,000.00	\$410,000.00	\$450,000.00	\$450,000.00		
99.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	15,300.00	\$1.00	\$15,300.00	\$1.00	\$15,300.00		
008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00		
008.941	ALTERATIONS AND ADDITIONS AS NEEDED - CCTV EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	13,450.00	\$1.00	\$13,450.00	\$1.00	\$13,450.00		
008.942	ALTERATIONS AND ADDITIONS AS NEEDED - RWIS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	11,300.00	\$1.00	\$11,300.00	\$1.00	\$11,300.00		
008.946	ALTERATIONS AND ADDITIONS AS NEEDED - MVDS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00		
008.951	ALTERATIONS AND ADDITIONS AS NEEDED - ITS CABINET EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	35,500.00	\$1.00	\$35,500.00	\$1.00	\$35,500.00		
010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00		
010.2	ASPHALT CEMENT ADJUSTMENT	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00		
010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	171,458.00	\$1.00	\$171,458.00	\$1.00	\$171,458.00		

# New Hampshire Department of Transportation

## **ABC Bid Data**

				PS&E		PS&E BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826			
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
	Alt. Totals:								
	Tatala			\$9.240.207.42		\$0 242 470 EC			
	•	•	Alt. Totals:		\$8,219,297.42		\$8,342,479.56		_



## **PS&E Comparison**

				A-Bid	der	PS	<b>ξ</b> Ε	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
Items								
202.7	REMOVAL OF GUARDRAIL	LF	14,960.50	\$4.00	\$59,842.00	\$2.84	\$42,487.82	\$17,354.18
202.83131	REMOVE AND SALVAGE CCTV CABINET	U	1.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$500.00
202.83401	REMOVE AND SALVAGE VSLS SYSTEM	U	1.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	(\$2,000.00)
202.83501	REMOVE AND SALVAGE WIRELESS ANTENNA	U	1.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	(\$1,000.00)
203.5561	EAGRT PLATFORM PREFERRED	U	19.00	\$2,100.00	\$39,900.00	\$1,185.00	\$22,515.00	\$17,385.00
203.5562	EAGRT PLATFORM ALTERNATE	U	8.00	\$2,000.00	\$16,000.00	\$1,185.00	\$9,480.00	\$6,520.00
203.5596	GUARDRAIL E-2 PLATFORM	LF	152.00	\$38.00	\$5,776.00	\$27.50	\$4,180.00	\$1,596.00
206.1	COMMON STRUCTURE EXCAVATION	CY	32.70	\$500.00	\$16,350.00	\$41.72	\$1,364.24	\$14,985.76
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,433.00	\$25.00	\$85,825.00	\$26.69	\$91,626.77	(\$5,801.77)
403.11023	HBP-BINDER, MM	TON	2,739.00	\$78.00	\$213,642.00	\$83.93	\$229,884.27	(\$16,242.27)
403.11051	HBP-3/8" WEARING, MM, QC/QA TIER 1	TON	9,574.00	\$77.00	\$737,198.00	\$77.76	\$744,474.24	(\$7,276.24)
403.11841	HBP-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 1	TON	19,514.00	\$90.00	\$1,756,260.00	\$105.00	\$2,048,970.00	(\$292,710.00)
403.11842	HPB-1/2" POLYMER MODIFIED WEARING, MM, QC/QA TIER 2	TON	2,931.00	\$99.00	\$290,169.00	\$105.00	\$307,755.00	(\$17,586.00)
403.11843	HPB-1/2" POLYMER MODIFIED WEARING, MM	TON	18.00	\$250.00	\$4,500.00	\$105.00	\$1,890.00	\$2,610.00





Item No.				A-Bid	der	PS	&E	
	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
403.11942	HBP-1/2" WEARING, MM, HIGH STRENGTH, QC/QA TIER 2	TON	3,965.00	\$94.00	\$372,710.00	\$82.71	\$327,945.15	\$44,764.85
403.11953	HBP-3/8" WEARING, MM, HIGH STRENGTH	TON	8.00	\$500.00	\$4,000.00	\$105.00	\$840.00	\$3,160.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	95.50	\$150.00	\$14,325.00	\$138.17	\$13,195.24	\$1,129.76
403.16	PAVEMENT JOINT ADHESIVE	LF	391,407.00	\$0.25	\$97,851.75	\$0.29	\$113,508.03	(\$15,656.28)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	44,763.00	\$2.00	\$89,526.00	\$2.03	\$90,868.89	(\$1,342.89)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	36,510.00	\$4.00	\$146,040.00	\$3.24	\$118,292.40	\$27,747.60
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	10,827.00	\$78.00	\$844,506.00	\$105.00	\$1,136,835.00	(\$292,329.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	113,977.00	\$3.00	\$341,931.00	\$2.21	\$251,889.17	\$90,041.83
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	2,919.00	\$4.00	\$11,676.00	\$4.57	\$13,339.83	(\$1,663.83)
417.416	RUMBLE STRIPS, 16" WIDE	LF	65,819.00	\$0.47	\$30,934.93	\$0.67	\$44,098.73	(\$13,163.80)
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	61,894.00	\$2.40	\$148,545.60	\$2.23	\$138,023.62	\$10,521.98
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	286.00	\$102.50	\$29,315.00	\$106.71	\$30,519.06	(\$1,204.06)
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	248.00	\$128.75	\$31,930.00	\$139.60	\$34,620.80	(\$2,690.80)
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	4.00	\$2,000.00	\$8,000.00	\$400.00	\$1,600.00	\$6,400.00
604.0007	POLYETHYLENE LINER	EA	31.00	\$125.00	\$3,875.00	\$127.00	\$3,937.00	(\$62.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	29.00	\$650.00	\$18,850.00	\$453.00	\$13,137.00	\$5,713.00





				A-Bido	der	PS8		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	2.00	\$650.00	\$1,300.00	\$455.00	\$910.00	\$390.00
604.783	GRATES & FRAMES SPECIAL ADA COMPLIANT	EA	1.00	\$1,000.00	\$1,000.00	\$1,150.00	\$1,150.00	(\$150.00)
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	500.00	\$15.00	\$7,500.00	\$15.34	\$7,670.00	(\$170.00)
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	6.00	\$90.00	\$540.00	\$20.00	\$120.00	\$420.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	6.00	\$18.25	\$109.50	\$15.00	\$90.00	\$19.50
606.014	6"X8" WOOD POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	80.00	\$92.00	\$7,360.00	\$97.38	\$7,790.40	(\$430.40)
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	80.00	\$23.00	\$1,840.00	\$25.63	\$2,050.40	(\$210.40)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	26.00	\$3,600.00	\$93,600.00	\$2,990.12	\$77,743.12	\$15,856.88
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$3,600.00	\$3,600.00	\$3,221.39	\$3,221.39	\$378.61
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)		17.00	\$1,100.00	\$18,700.00	\$949.96	\$16,149.32	\$2,550.68
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	152.00	\$38.00	\$5,776.00	\$37.50	\$5,700.00	\$76.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	12,825.50	\$25.00	\$320,637.50	\$22.56	\$289,343.28	\$31,294.22
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	16.00	\$1,200.00	\$19,200.00	\$1,010.56	\$16,168.96	\$3,031.04
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	19.00	\$1,200.00	\$22,800.00	\$1,010.56	\$19,200.64	\$3,599.36





				A-Bidder PS&E		&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
606.91	RESETTING OR SETTING GUARDRAIL	LF	810.50	\$14.00	\$11,347.00	\$16.00	\$12,968.00	(\$1,621.00)
606.914	RESETTING TERMINAL UNIT	U	7.00	\$750.00	\$5,250.00	\$600.00	\$4,200.00	\$1,050.00
606.91454	RESETTING TERMINAL UNIT (TYPE EAGRT, TL 3)	U	3.00	\$1,000.00	\$3,000.00	\$600.00	\$1,800.00	\$1,200.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	8,347.50	\$9.00	\$75,127.50	\$8.73	\$72,873.68	\$2,253.82
608.2401	4" CONCRETE SIDEWALK	SY	275.90	\$75.00	\$20,692.50	\$61.15	\$16,871.29	\$3,821.21
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	39.30	\$400.00	\$15,720.00	\$442.15	\$17,376.50	(\$1,656.50)
609.5	RESET GRANITE CURB	LF	466.00	\$50.00	\$23,300.00	\$16.73	\$7,796.18	\$15,503.82
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	4,003.50	\$8.00	\$32,028.00	\$5.80	\$23,220.30	\$8,807.70
615.0201	TRAFFIC SIGN TYPE B	SF	41.50	\$40.00	\$1,660.00	\$71.28	\$2,958.12	(\$1,298.12)
615.023	REMOVING TRAFFIC SIGN TYPE B	U	2.00	\$30.00	\$60.00	\$73.38	\$146.76	(\$86.76)
615.0301	TRAFFIC SIGN TYPE C	SF	193.50	\$35.00	\$6,772.50	\$46.27	\$8,953.25	(\$2,180.75)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	42.00	\$30.00	\$1,260.00	\$15.39	\$646.38	\$613.62
615.0501	TRAFFIC SIGN TYPE BB	SF	9.00	\$12.00	\$108.00	\$16.49	\$148.41	(\$40.41)
615.0601	TRAFFIC SIGN TYPE CC	SF	22.18	\$12.00	\$266.16	\$14.35	\$318.28	(\$52.12)
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	2.00	\$500.00	\$1,000.00	\$611.00	\$1,222.00	(\$222.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	20.00	\$900.00	\$18,000.00	\$1,171.08	\$23,421.60	(\$5,421.60)
616.9501	INSTALL TRAFFIC STUDY EQUIPMENT	U	4.00	\$4,000.00	\$16,000.00	\$2,875.00	\$11,500.00	\$4,500.00





Item No.	Description			A-Bidd	der	PS8	RE .	
		Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	84,500.00	\$1.00	\$84,500.00	\$1.00	\$84,500.00	\$0.00
618.7	FLAGGERS	HR	1,620.00	\$40.00	\$64,800.00	\$34.55	\$55,971.00	\$8,829.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$550,000.00	\$550,000.00	\$390,000.00	\$390,000.00	\$160,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$6,000.00	\$24,000.00	\$4,411.21	\$17,644.84	\$6,355.16
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$250.00	\$1,000.00	\$940.71	\$3,762.84	(\$2,762.84)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$6,000.00	\$24,000.00	\$1,394.20	\$5,576.80	\$18,423.20
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	2.00	\$40,000.00	\$80,000.00	\$27,500.00	\$55,000.00	\$25,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	292.00	\$5.00	\$1,460.00	\$5.49	\$1,603.08	(\$143.08)
621.31	SINGLE DELINEATOR WITH POST	EA	157.00	\$50.00	\$7,850.00	\$47.76	\$7,498.32	\$351.68
621.32	DOUBLE DELINEATOR WITH POST	EA	27.00	\$65.00	\$1,755.00	\$50.57	\$1,365.39	\$389.61
628.2	SAWED BITUMINOUS PAVEMENT	LF	841.00	\$10.00	\$8,410.00	\$2.43	\$2,043.63	\$6,366.37
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	353,100.00	\$0.19	\$67,089.00	\$0.16	\$56,496.00	\$10,593.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	193,800.00	\$0.21	\$40,698.00	\$0.18	\$34,884.00	\$5,814.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE		1,043.00	\$0.75	\$782.25	\$1.25	\$1,303.75	(\$521.50)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	377.00	\$3.75	\$1,413.75	\$3.91	\$1,474.07	(\$60.32)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	1,042.00	\$1.81	\$1,886.02	\$0.90	\$937.80	\$948.22



# **PS&E Comparison**

				A-Bidd	der	PS8	RE .	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	16,933.00	\$2.06	\$34,881.98	\$1.12	\$18,964.96	\$15,917.02
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,127.00	\$3.09	\$3,482.43	\$2.62	\$2,952.74	\$529.69
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	12,310.00	\$3.87	\$47,639.70	\$3.17	\$39,022.70	\$8,617.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	377.00	\$5.16	\$1,945.32	\$5.06	\$1,907.62	\$37.70
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	1,604.00	\$9.28	\$14,885.12	\$8.76	\$14,051.04	\$834.08
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	15,226.00	\$0.41	\$6,242.66	\$0.51	\$7,765.26	(\$1,522.60)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	14,964.00	\$2.00	\$29,928.00	\$2.43	\$36,362.52	(\$6,434.52)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,795.00	\$5.00	\$18,975.00	\$4.56	\$17,305.20	\$1,669.80
645.531	SILT FENCE	LF	3,795.00	\$1.50	\$5,692.50	\$2.53	\$9,601.35	(\$3,908.85)
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	101.40	\$28.00	\$2,839.20	\$2.85	\$288.99	\$2,550.21
692.	MOBILIZATION	U	1.00	\$521,000.00	\$521,000.00	\$410,000.00	\$410,000.00	\$111,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	15,300.00	\$1.00	\$15,300.00	\$1.00	\$15,300.00	\$0.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00



## **PS&E Comparison**

MANCHESTER 42635 X-A004(997)

				A-Bidder		PS&E		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	A-PS&E Difference
1008.941	ALTERATIONS AND ADDITIONS AS NEEDED - CCTV EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	13,450.00	\$1.00	\$13,450.00	\$1.00	\$13,450.00	\$0.00
1008.942	ALTERATIONS AND ADDITIONS AS NEEDED - RWIS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	11,300.00	\$1.00	\$11,300.00	\$1.00	\$11,300.00	\$0.00
1008.946	ALTERATIONS AND ADDITIONS AS NEEDED - MVDS EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$0.00
1008.951	ALTERATIONS AND ADDITIONS AS NEEDED - ITS CABINET EQUIPMENT (SUPPLY TO DEPARTMENT)	\$	35,500.00	\$1.00	\$35,500.00	\$1.00	\$35,500.00	\$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	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	171,458.00	\$1.00	\$171,458.00	\$1.00	\$171,458.00	\$0.00

**Total:** \$8,249,696.87 \$8,219,297.42 \$30,399.45