

**State of New Hampshire  
Department of Transportation**

24902.01

**Project:** LOUDON X-A002(997) 24902  
**County and Code:** MERRIMACK COUNTY 013  
**Date Bids Open:** January 30, 2014  
**Scope of Work:** PAVEMENT REHABILITATION  
**Location:** NH 106 IN THE TOWN LOUDON  
**Completion Date:** August 15, 2014

A PIKE INDUSTRIES, INC.

3 EASTGATE PARK RD BELMONT, NH 03220

\$1,020,945.95

B CONTINENTAL PAVING INC.

ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053

\$1,075,046.51

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	650.00	\$15.00	\$9,750.00	\$15.00	\$9,750.00		
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	8,200.00	\$68.00	\$557,600.00	\$68.00	\$557,600.00		
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	890.00	\$72.00	\$64,080.00	\$81.00	\$72,090.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	9,090.00	\$1.50	\$13,635.00	\$1.00	\$9,090.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	79,900.00	\$0.22	\$17,578.00	\$0.22	\$17,578.00		
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	600.00	\$68.00	\$40,800.00	\$70.00	\$42,000.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	79,700.00	\$1.15	\$91,655.00	\$1.50	\$119,550.00		
604.0007	POLYETHYLENE LINER	EA	2.00	\$150.00	\$300.00	\$120.00	\$240.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$250.00	\$500.00	\$400.00	\$800.00		
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	1.00	\$250.00	\$250.00	\$400.00	\$400.00		
615.02	TRAFFIC SIGN TYPE B (F)	SF	56.50	\$45.00	\$2,542.50	\$35.00	\$1,977.50		
615.03	TRAFFIC SIGN TYPE C (F)	SF	254.25	\$35.00	\$8,898.75	\$31.00	\$7,881.75		
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$100.00	\$200.00	\$175.00	\$350.00		
615.06	TRAFFIC SIGN TYPE CC (F)	SF	32.02	\$10.00	\$320.20	\$13.00	\$416.26		
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	2.00	\$325.00	\$650.00	\$325.00	\$650.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$650.00	\$3,900.00	\$650.00	\$3,900.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	31,000.00	\$1.00	\$31,000.00	\$1.00	\$31,000.00		
618.7	FLAGGERS	HR	2,400.00	\$8.00	\$19,200.00	\$21.50	\$51,600.00		

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$13,500.00	\$13,500.00	\$15,000.00	\$15,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$700.00	\$2,100.00	\$2,000.00	\$6,000.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$375.00	\$750.00	\$1,000.00	\$2,000.00		
621.31	SINGLE DELINEATOR WITH POST	EA	228.00	\$34.00	\$7,752.00	\$34.00	\$7,752.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	209,000.00	\$0.12	\$25,080.00	\$0.11	\$22,990.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	750.00	\$0.75	\$562.50	\$2.00	\$1,500.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	95.00	\$4.00	\$380.00	\$3.00	\$285.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	316.00	\$7.00	\$2,212.00	\$6.00	\$1,896.00		
692	MOBILIZATION	U	1.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00		
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE(QC/QA) ASPHALT	\$	30,750.00	\$1.00	\$30,750.00	\$1.00	\$30,750.00		
					\$1,020,945.95		\$1,075,046.51		

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	650.00	\$15.00	\$9,750.00	\$20.00	\$13,000.00	(\$3,250.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	8,200.00	\$68.00	\$557,600.00	\$75.00	\$615,000.00	(\$57,400.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	890.00	\$72.00	\$64,080.00	\$82.00	\$72,980.00	(\$8,900.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	9,090.00	\$1.50	\$13,635.00	\$1.25	\$11,362.50	\$2,272.50
403.6	PAVEMENT JOINT ADHESIVE	LF	79,900.00	\$0.22	\$17,578.00	\$0.25	\$19,975.00	(\$2,397.00)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	600.00	\$68.00	\$40,800.00	\$85.00	\$51,000.00	(\$10,200.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	79,700.00	\$1.15	\$91,655.00	\$1.75	\$139,475.00	(\$47,820.00)
604.0007	POLYETHYLENE LINER	EA	2.00	\$150.00	\$300.00	\$185.00	\$370.00	(\$70.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$250.00	\$500.00	\$340.00	\$680.00	(\$180.00)
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	1.00	\$250.00	\$250.00	\$310.00	\$310.00	(\$60.00)
615.02	TRAFFIC SIGN TYPE B (F)	SF	56.50	\$45.00	\$2,542.50	\$40.00	\$2,260.00	\$282.50
615.03	TRAFFIC SIGN TYPE C (F)	SF	254.25	\$35.00	\$8,898.75	\$35.00	\$8,898.75	\$0.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$100.00	\$200.00	\$175.00	\$350.00	(\$150.00)
615.06	TRAFFIC SIGN TYPE CC (F)	SF	32.02	\$10.00	\$320.20	\$12.00	\$384.24	(\$64.04)
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	2.00	\$325.00	\$650.00	\$400.00	\$800.00	(\$150.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	6.00	\$650.00	\$3,900.00	\$500.00	\$3,000.00	\$900.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	31,000.00	\$1.00	\$31,000.00	\$1.00	\$31,000.00	\$0.00

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
618.7	FLAGGERS	HR	2,400.00	\$8.00	\$19,200.00	\$22.00	\$52,800.00	(\$33,600.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$13,500.00	\$13,500.00	\$25,000.00	\$25,000.00	(\$11,500.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$700.00	\$2,100.00	\$3,500.00	\$10,500.00	(\$8,400.00)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$375.00	\$750.00	\$2,000.00	\$4,000.00	(\$3,250.00)
621.31	SINGLE DELINEATOR WITH POST	EA	228.00	\$34.00	\$7,752.00	\$32.00	\$7,296.00	\$456.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	209,000.00	\$0.12	\$25,080.00	\$0.11	\$22,990.00	\$2,090.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	750.00	\$0.75	\$562.50	\$0.55	\$412.50	\$150.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	95.00	\$4.00	\$380.00	\$3.30	\$313.50	\$66.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	316.00	\$7.00	\$2,212.00	\$6.00	\$1,896.00	\$316.00
692	MOBILIZATION	U	1.00	\$30,000.00	\$30,000.00	\$75,000.00	\$75,000.00	(\$45,000.00)
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE(QC/QA) ASPHALT	\$	30,750.00	\$1.00	\$30,750.00	\$1.00	\$30,750.00	\$0.00
					\$1,020,945.95		\$1,246,803.49	(\$225,857.54)