

**State of New Hampshire  
Department of Transportation**

23784.01

**Project:** Dover-Rochester-Portsmouth-  
Hampton NONE-FEDERAL 23784

**County and Code:** ROCKINGHAM COUNTY 015 & STRAFFORD 017

**Date Bids Open:** February 26, 2014

**Scope of Work:** ROADWAY RESURFACING

**Location:** SEE THE PROSECUTION OF WORK

**Completion Date:** September 12, 2014

A PIKE INDUSTRIES, INC. 3 EASTGATE PARK RD BELMONT, NH 03220	\$3,386,022.19
B CONTINENTAL PAVING INC. ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053	\$3,390,042.16
C BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826	\$3,469,116.68

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	2,461.00	\$10.00	\$24,610.00	\$10.00	\$24,610.00	\$15.00	\$36,915.00
403.11091	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 1) (NIGHT)	TON	800.00	\$73.00	\$58,400.00	\$70.00	\$56,000.00	\$80.00	\$64,000.00
403.11092	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 2) (NIGHT)	TON	2,976.00	\$66.00	\$196,416.00	\$70.00	\$208,320.00	\$80.00	\$238,080.00
403.11291	HOT BITUMINOUS PAVEMENT MACHINE METHOD ARGG (QC/QA TIER 1) (NIGHT)	TON	20,519.00	\$92.00	\$1,887,748.00	\$95.00	\$1,949,305.00	\$92.50	\$1,898,007.50
403.11992	HOT BITUMINOUS PAVEMENT MACHINE METHOD HIGH STR. (QC/QA TIER 2) (NIGHT)	TON	1,304.00	\$73.00	\$95,192.00	\$78.00	\$101,712.00	\$88.00	\$114,752.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	200.00	\$110.00	\$22,000.00	\$110.00	\$22,000.00	\$110.00	\$22,000.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	23,504.00	\$1.50	\$35,256.00	\$1.00	\$23,504.00	\$1.50	\$35,256.00
403.6	PAVEMENT JOINT ADHESIVE	LF	141,317.00	\$0.23	\$32,502.91	\$0.23	\$32,502.91	\$0.24	\$33,916.08
411.19	HOT BITUMINOUS CONCRETE LEVELING COURSE (NIGHT)	TON	200.00	\$73.00	\$14,600.00	\$75.00	\$15,000.00	\$80.00	\$16,000.00
417.19	COLD PLANING BITUMINOUS SURFACES (NIGHT)	SY	64,343.00	\$1.75	\$112,600.25	\$1.50	\$96,514.50	\$1.40	\$90,080.20
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	104,227.00	\$1.15	\$119,861.05	\$1.25	\$130,283.75	\$1.30	\$135,495.10
559.4	ELASTOMERIC PLUG TYPE EXPANSION JOINT (F)	LF	152.00	\$132.00	\$20,064.00	\$132.00	\$20,064.00	\$132.00	\$20,064.00
604.0007	POLYETHYLENE LINER	EA	106.00	\$140.00	\$14,840.00	\$110.00	\$11,660.00	\$125.00	\$13,250.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	106.00	\$275.00	\$29,150.00	\$300.00	\$31,800.00	\$250.00	\$26,500.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2.00	\$275.00	\$550.00	\$400.00	\$800.00	\$250.00	\$500.00
604.72	GRATES & FRAMES, TYPE B	EA	20.00	\$500.00	\$10,000.00	\$300.00	\$6,000.00	\$510.00	\$10,200.00
608.26	6" CONCRETE SIDEWALK (F)	SY	200.00	\$42.00	\$8,400.00	\$35.00	\$7,000.00	\$55.00	\$11,000.00
609.5	RESET GRANITE CURB	LF	500.00	\$11.00	\$5,500.00	\$10.00	\$5,000.00	\$16.50	\$8,250.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,000.00	\$8.00	\$16,000.00	\$4.00	\$8,000.00	\$8.00	\$16,000.00
615.0101	TRAFFIC SIGN TYPE A	SF	500.00	\$50.00	\$25,000.00	\$50.00	\$25,000.00	\$50.00	\$25,000.00
615.01201	TRAFFIC SIGN TYPE A BREAKAWAY MOUNTS	SF	1,500.00	\$55.00	\$82,500.00	\$55.00	\$82,500.00	\$55.00	\$82,500.00
615.0201	TRAFFIC SIGN TYPE B	SF	200.00	\$60.00	\$12,000.00	\$60.00	\$12,000.00	\$60.00	\$12,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$45,500.00	\$45,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$2,400.00	\$4,800.00
621.31	SINGLE DELINEATOR WITH POST	EA	400.00	\$31.00	\$12,400.00	\$34.00	\$13,600.00	\$35.00	\$14,000.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	9,092.00	\$0.25	\$2,273.00	\$0.15	\$1,363.80	\$0.50	\$4,546.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	2,606.00	\$0.70	\$1,824.20	\$1.25	\$3,257.50	\$1.00	\$2,606.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,500.00	\$0.55	\$1,375.00	\$1.00	\$2,500.00	\$0.75	\$1,875.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	3,000.00	\$1.65	\$4,950.00	\$1.75	\$5,250.00	\$1.50	\$4,500.00
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING 6" LINE	LF	120,582.00	\$0.79	\$95,259.78	\$0.85	\$102,494.70	\$0.90	\$108,523.80

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	3,000.00	\$1.25	\$3,750.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
692	MOBILIZATION	U	1.00	\$66,000.00	\$66,000.00	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
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	\$	115,000.00	\$1.00	\$115,000.00	\$1.00	\$115,000.00	\$1.00	\$115,000.00
					\$3,386,022.19			\$3,390,042.16	\$3,469,116.68

## 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	2,461.00	\$10.00	\$24,610.00	\$11.00	\$27,071.00	(\$2,461.00)
403.11091	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 1) (NIGHT)	TON	800.00	\$73.00	\$58,400.00	\$69.75	\$55,800.00	\$2,600.00
403.11092	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 2) (NIGHT)	TON	2,976.00	\$66.00	\$196,416.00	\$65.50	\$194,928.00	\$1,488.00
403.11291	HOT BITUMINOUS PAVEMENT MACHINE METHOD ARGG (QC/QA TIER 1) (NIGHT)	TON	20,519.00	\$92.00	\$1,887,748.00	\$100.00	\$2,051,900.00	(\$164,152.00)
403.11992	HOT BITUMINOUS PAVEMENT MACHINE METHOD HIGH STR. (QC/QA TIER 2) (NIGHT)	TON	1,304.00	\$73.00	\$95,192.00	\$90.00	\$117,360.00	(\$22,168.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	200.00	\$110.00	\$22,000.00	\$120.00	\$24,000.00	(\$2,000.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	23,504.00	\$1.50	\$35,256.00	\$1.25	\$29,380.00	\$5,876.00
403.6	PAVEMENT JOINT ADHESIVE	LF	141,317.00	\$0.23	\$32,502.91	\$0.25	\$35,329.25	(\$2,826.34)
411.19	HOT BITUMINOUS CONCRETE LEVELING COURSE (NIGHT)	TON	200.00	\$73.00	\$14,600.00	\$80.00	\$16,000.00	(\$1,400.00)
417.19	COLD PLANING BITUMINOUS SURFACES (NIGHT)	SY	64,343.00	\$1.75	\$112,600.25	\$1.75	\$112,600.25	\$0.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	104,227.00	\$1.15	\$119,861.05	\$1.55	\$161,551.85	(\$41,690.80)
559.4	ELASTOMERIC PLUG TYPE EXPANSION JOINT (F)	LF	152.00	\$132.00	\$20,064.00	\$139.00	\$21,128.00	(\$1,064.00)
604.0007	POLYETHYLENE LINER	EA	106.00	\$140.00	\$14,840.00	\$138.90	\$14,723.40	\$116.60
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	106.00	\$275.00	\$29,150.00	\$290.00	\$30,740.00	(\$1,590.00)

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				Unit Price	Total	Unit Price	Total	
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2.00	\$275.00	\$550.00	\$300.00	\$600.00	(\$50.00)
604.72	GRATES & FRAMES, TYPE B	EA	20.00	\$500.00	\$10,000.00	\$300.00	\$6,000.00	\$4,000.00
608.26	6" CONCRETE SIDEWALK (F)	SY	200.00	\$42.00	\$8,400.00	\$40.00	\$8,000.00	\$400.00
609.5	RESET GRANITE CURB	LF	500.00	\$11.00	\$5,500.00	\$9.00	\$4,500.00	\$1,000.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,000.00	\$8.00	\$16,000.00	\$6.25	\$12,500.00	\$3,500.00
615.0101	TRAFFIC SIGN TYPE A	SF	500.00	\$50.00	\$25,000.00	\$42.50	\$21,250.00	\$3,750.00
615.01201	TRAFFIC SIGN TYPE A BREAKAWAY MOUNTS	SF	1,500.00	\$55.00	\$82,500.00	\$48.00	\$72,000.00	\$10,500.00
615.0201	TRAFFIC SIGN TYPE B	SF	200.00	\$60.00	\$12,000.00	\$39.00	\$7,800.00	\$4,200.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$70,000.00	\$70,000.00	(\$20,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$1,000.00
621.31	SINGLE DELINEATOR WITH POST	EA	400.00	\$31.00	\$12,400.00	\$33.00	\$13,200.00	(\$800.00)
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	9,092.00	\$0.25	\$2,273.00	\$0.15	\$1,363.80	\$909.20
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	2,606.00	\$0.70	\$1,824.20	\$1.10	\$2,866.60	(\$1,042.40)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,500.00	\$0.55	\$1,375.00	\$0.65	\$1,625.00	(\$250.00)
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	3,000.00	\$1.65	\$4,950.00	\$1.60	\$4,800.00	\$150.00
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING 6" LINE	LF	120,582.00	\$0.79	\$95,259.78	\$0.80	\$96,465.60	(\$1,205.82)

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PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	3,000.00	\$1.25	\$3,750.00	\$1.35	\$4,050.00	(\$300.00)
692	MOBILIZATION	U	1.00	\$66,000.00	\$66,000.00	\$80,000.00	\$80,000.00	(\$14,000.00)
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$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	\$	115,000.00	\$1.00	\$115,000.00	\$1.00	\$115,000.00	\$0.00
					\$3,386,022.19		\$3,623,532.75	(\$237,510.56)