

**State of New Hampshire
Department of Transportation**

40036.01

Project: NASHUA-MERRIMACK
NON-FEDERAL 40036

County and Code: HILLSBOROUGH COUNTY 011

Date Bids Open: February 23, 2016

Scope of Work: ROADWAY RESURFACING

Location: F.E. EVERETT TURNPIKE

Completion Date: September 9, 2016

A CONTINENTAL PAVING INC. ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053	\$3,168,828.61
B PIKE INDUSTRIES, INC. 3 EASTGATE PARK RD BELMONT, NH 03220	\$3,609,086.95
C BROX INDUSTRIES, INC. 1471 METHUEN STREET DRACUT, MA 01826	\$3,699,469.22

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
214	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,307.00	\$7.00	\$23,149.00	\$20.00	\$66,140.00	\$25.00	\$82,675.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	441.00	\$70.00	\$30,870.00	\$66.00	\$29,106.00	\$68.00	\$29,988.00
403.11091	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 1) (NIGHT)	TON	21,956.00	\$61.00	\$1,339,316.00	\$67.00	\$1,471,052.00	\$66.00	\$1,449,096.00
403.11092	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 2) (NIGHT)	TON	6,137.00	\$61.00	\$374,357.00	\$66.00	\$405,042.00	\$66.00	\$405,042.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	200.00	\$110.00	\$22,000.00	\$125.00	\$25,000.00	\$125.00	\$25,000.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	28,093.00	\$1.50	\$42,139.50	\$1.50	\$42,139.50	\$3.00	\$84,279.00
403.6	PAVEMENT JOINT ADHESIVE	LF	131,011.00	\$0.21	\$27,512.31	\$0.23	\$30,132.53	\$0.30	\$39,303.30
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,275.00	\$2.00	\$28,550.00	\$3.00	\$42,825.00	\$5.00	\$71,375.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	200.00	\$80.00	\$16,000.00	\$110.00	\$22,000.00	\$66.00	\$13,200.00
417.19	COLD PLANING BITUMINOUS SURFACES (NIGHT)	SY	99,148.00	\$1.50	\$148,722.00	\$1.45	\$143,764.60	\$3.50	\$347,018.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	115,402.00	\$0.15	\$17,310.30	\$0.25	\$28,850.50	\$0.25	\$28,850.50
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	50,142.00	\$1.25	\$62,677.50	\$1.75	\$87,748.50	\$1.25	\$62,677.50
559.4	ASPHALTIC PLUG EXPANSION JOINT (F)	LF	200.00	\$125.00	\$25,000.00	\$124.00	\$24,800.00	\$130.00	\$26,000.00
604.0007	POLYETHYLENE LINER	EA	25.00	\$110.00	\$2,750.00	\$125.00	\$3,125.00	\$135.00	\$3,375.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	135.00	\$300.00	\$40,500.00	\$400.00	\$54,000.00	\$325.00	\$43,875.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
604.622	MANHOLE COVERS AND FRAMES (LOCKED)	EA	5.00	\$750.00	\$3,750.00	\$440.00	\$2,200.00	\$750.00	\$3,750.00
604.712	GRATES & FRAMES, TYPE A (HOOKED)	EA	20.00	\$750.00	\$15,000.00	\$445.00	\$8,900.00	\$750.00	\$15,000.00
608.2601	6" CONCRETE SIDEWALK	SY	100.00	\$40.00	\$4,000.00	\$65.00	\$6,500.00	\$60.00	\$6,000.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	500.00	\$19.50	\$9,750.00	\$30.00	\$15,000.00	\$40.00	\$20,000.00
609.5	RESET GRANITE CURB	LF	1,000.00	\$9.00	\$9,000.00	\$8.50	\$8,500.00	\$25.00	\$25,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$135,000.00	\$135,000.00	\$75,000.00	\$75,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$5,000.00	\$5,000.00	\$13,000.00	\$13,000.00	\$8,750.00	\$8,750.00
621.31	SINGLE DELINEATOR WITH POST	EA	400.00	\$36.00	\$14,400.00	\$39.00	\$15,600.00	\$40.00	\$16,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	500.00	\$1.00	\$500.00	\$2.50	\$1,250.00	\$1.50	\$750.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	52,819.00	\$0.14	\$7,394.66	\$0.20	\$10,563.80	\$0.17	\$8,979.23
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,566.00	\$1.25	\$5,707.50	\$0.72	\$3,287.52	\$0.75	\$3,424.50
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	7,179.00	\$2.00	\$14,358.00	\$2.00	\$14,358.00	\$1.55	\$11,127.45
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	666.00	\$8.00	\$5,328.00	\$6.50	\$4,329.00	\$6.00	\$3,996.00
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	259,132.00	\$0.97	\$251,358.04	\$1.00	\$259,132.00	\$0.97	\$251,358.04

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	6,566.00	\$0.30	\$1,969.80	\$0.50	\$3,283.00	\$0.45	\$2,954.70
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	666.00	\$1.00	\$666.00	\$2.50	\$1,665.00	\$2.00	\$1,332.00
692	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$160,000.00	\$160,000.00	\$65,000.00	\$65,000.00
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	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	145,500.00	\$1.00	\$145,500.00	\$1.00	\$145,500.00	\$1.00	\$145,500.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	95,293.00	\$1.00	\$95,293.00	\$1.00	\$95,293.00	\$1.00	\$95,293.00
					\$3,168,828.61		\$3,609,086.95		\$3,699,469.22

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	
214	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$1,000.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	3,307.00	\$7.00	\$23,149.00	\$8.00	\$26,456.00	(\$3,307.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	441.00	\$70.00	\$30,870.00	\$68.00	\$29,988.00	\$882.00
403.11091	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 1) (NIGHT)	TON	21,956.00	\$61.00	\$1,339,316.00	\$68.00	\$1,493,008.00	(\$153,692.00)
403.11092	HOT BITUMINOUS PAVEMENT MACHINE METHOD (QC/QA TIER 2) (NIGHT)	TON	6,137.00	\$61.00	\$374,357.00	\$68.00	\$417,316.00	(\$42,959.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	200.00	\$110.00	\$22,000.00	\$118.00	\$23,600.00	(\$1,600.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	28,093.00	\$1.50	\$42,139.50	\$1.25	\$35,116.25	\$7,023.25
403.6	PAVEMENT JOINT ADHESIVE	LF	131,011.00	\$0.21	\$27,512.31	\$0.25	\$32,752.75	(\$5,240.44)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	14,275.00	\$2.00	\$28,550.00	\$4.00	\$57,100.00	(\$28,550.00)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	200.00	\$80.00	\$16,000.00	\$75.00	\$15,000.00	\$1,000.00
417.19	COLD PLANING BITUMINOUS SURFACES (NIGHT)	SY	99,148.00	\$1.50	\$148,722.00	\$1.50	\$148,722.00	\$0.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	115,402.00	\$0.15	\$17,310.30	\$0.25	\$28,850.50	(\$11,540.20)
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	50,142.00	\$1.25	\$62,677.50	\$1.25	\$62,677.50	\$0.00
559.4	ASPHALTIC PLUG EXPANSION JOINT (F)	LF	200.00	\$125.00	\$25,000.00	\$125.00	\$25,000.00	\$0.00
604.0007	POLYETHYLENE LINER	EA	25.00	\$110.00	\$2,750.00	\$118.00	\$2,950.00	(\$200.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	135.00	\$300.00	\$40,500.00	\$295.00	\$39,825.00	\$675.00

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	
604.622	MANHOLE COVERS AND FRAMES (LOCKED)	EA	5.00	\$750.00	\$3,750.00	\$550.00	\$2,750.00	\$1,000.00
604.712	GRATES & FRAMES, TYPE A (HOOKED)	EA	20.00	\$750.00	\$15,000.00	\$675.00	\$13,500.00	\$1,500.00
608.2601	6" CONCRETE SIDEWALK	SY	100.00	\$40.00	\$4,000.00	\$50.00	\$5,000.00	(\$1,000.00)
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	500.00	\$19.50	\$9,750.00	\$18.75	\$9,375.00	\$375.00
609.5	RESET GRANITE CURB	LF	1,000.00	\$9.00	\$9,000.00	\$10.00	\$10,000.00	(\$1,000.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00	\$10,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	(\$200.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	400.00	\$36.00	\$14,400.00	\$30.00	\$12,000.00	\$2,400.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	500.00	\$1.00	\$500.00	\$2.50	\$1,250.00	(\$750.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	52,819.00	\$0.14	\$7,394.66	\$0.12	\$6,338.28	\$1,056.38
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	4,566.00	\$1.25	\$5,707.50	\$0.75	\$3,424.50	\$2,283.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	7,179.00	\$2.00	\$14,358.00	\$1.50	\$10,768.50	\$3,589.50
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	666.00	\$8.00	\$5,328.00	\$7.00	\$4,662.00	\$666.00
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	259,132.00	\$0.97	\$251,358.04	\$0.85	\$220,262.20	\$31,095.84

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	
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	6,566.00	\$0.30	\$1,969.80	\$0.85	\$5,581.10	(\$3,611.30)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	666.00	\$1.00	\$666.00	\$1.15	\$765.90	(\$99.90)
692	MOBILIZATION	U	1.00	\$100,000.00	\$100,000.00	\$80,000.00	\$80,000.00	\$20,000.00
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	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	145,500.00	\$1.00	\$145,500.00	\$1.00	\$145,500.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	95,293.00	\$1.00	\$95,293.00	\$1.00	\$95,293.00	\$0.00
					\$3,168,828.61	\$3,338,032.48		(\$169,203.87)