

**State of New Hampshire
Department of Transportation**

29530.01

Project: BELMONT-GILFORD X-A004(164)
29530

County and Code: BELKNAP COUNTY 001

Date Bids Open: March 17, 2016

Scope of Work: PAVEMENT MAINTENANCE

Location: ON US ROUTE 3 (LACONIA BYPASS) IN BELMONT
GILFORD AND LACONIA

Completion Date: September 23, 2016

A PIKE INDUSTRIES, INC.

3 EASTGATE PARK RD BELMONT, NH 03220

\$2,068,207.00

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
202.6	CURB REMOVAL FOR STORAGE	LF	300.00	\$4.00	\$1,200.00				
202.7	REMOVAL OF GUARDRAIL	LF	24,300.00	\$1.60	\$38,880.00				
203.1	COMMON EXCAVATION	CY	50.00	\$20.00	\$1,000.00				
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	36.00	\$950.00	\$34,200.00				
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	5.00	\$650.00	\$3,250.00				
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$50.00	\$1,000.00				
206.2	ROCK STRUCTURE EXCAVATION	CY	90.00	\$40.00	\$3,600.00				
209.1	GRANULAR BACKFILL	CY	30.00	\$40.00	\$1,200.00				
304.301	CRUSHED GRAVEL	CY	20.00	\$45.00	\$900.00				
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,150.00	\$20.00	\$23,000.00				
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	410.00	\$89.00	\$36,490.00				
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,100.00	\$91.00	\$100,100.00				
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	7,510.00	\$2.50	\$18,775.00				
403.6	PAVEMENT JOINT ADHESIVE	LF	121,000.00	\$0.15	\$18,150.00				
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	11,700.00	\$2.00	\$23,400.00				
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	4,000.00	\$73.00	\$292,000.00				
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	6,000.00	\$73.00	\$438,000.00				
417	COLD PLANING BITUMINOUS SURFACES	SY	20,000.00	\$2.30	\$46,000.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	54.00	\$175.00	\$9,450.00				
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	85.00	\$450.00	\$38,250.00				
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	120.00	\$50.00	\$6,000.00				
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	120.00	\$10.00	\$1,200.00				
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	39.00	\$1,700.00	\$66,300.00				
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	7.00	\$1,600.00	\$11,200.00				
606.1256	TERMINAL UNIT (X-TENSION)	U	1.00	\$6,500.00	\$6,500.00				
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$500.00	\$500.00				
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	22,000.00	\$14.15	\$311,300.00				
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	6.00	\$2,000.00	\$12,000.00				
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	6.00	\$2,000.00	\$12,000.00				
608.28	8" CONCRETE SIDEWALK (F)	SY	400.00	\$50.00	\$20,000.00				
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	300.00	\$16.00	\$4,800.00				
609.5	RESET GRANITE CURB	LF	1,200.00	\$10.00	\$12,000.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	510.00	\$10.00	\$5,100.00				
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	4.00	\$850.00	\$3,400.00				
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$3,200.00	\$3,200.00				
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00				
618.7	FLAGGERS	HR	500.00	\$30.00	\$15,000.00				
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$120,000.00	\$120,000.00				
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$3,000.00	\$9,000.00				
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	18.00	\$200.00	\$3,600.00				
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00				
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	270.00	\$4.00	\$1,080.00				
621.31	SINGLE DELINEATOR WITH POST	EA	260.00	\$30.00	\$7,800.00				
621.32	DOUBLE DELINEATOR WITH POST	EA	100.00	\$38.00	\$3,800.00				
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,150.00	\$1.00	\$1,150.00				
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	118,400.00	\$0.15	\$17,760.00				
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,100.00	\$0.49	\$1,029.00				
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	5,150.00	\$0.95	\$4,892.50				
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	100.00	\$2.25	\$225.00				

Item No:	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	110.00	\$5.05	\$555.50				
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	5,350.00	\$0.45	\$2,407.50				
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	100.00	\$1.25	\$125.00				
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	110.00	\$1.25	\$137.50				
632.94	REMOVE RECESSED PAVEMENT MARKERS	EA	200.00	\$25.00	\$5,000.00				
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	8,800.00	\$4.00	\$35,200.00				
692	MOBILIZATION	U	1.00	\$140,000.00	\$140,000.00				
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00				
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00				
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00				
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	6,100.00	\$1.00	\$6,100.00				
					\$2,068,207.00				

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	
202.6	CURB REMOVAL FOR STORAGE	LF	300.00	\$4.00	\$1,200.00	\$6.00	\$1,800.00	(\$600.00)
202.7	REMOVAL OF GUARDRAIL	LF	24,300.00	\$1.60	\$38,880.00	\$1.55	\$37,665.00	\$1,215.00
203.1	COMMON EXCAVATION	CY	50.00	\$20.00	\$1,000.00	\$14.00	\$700.00	\$300.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	36.00	\$950.00	\$34,200.00	\$1,100.00	\$39,600.00	(\$5,400.00)
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	5.00	\$650.00	\$3,250.00	\$1,200.00	\$6,000.00	(\$2,750.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$50.00	\$1,000.00	\$49.00	\$980.00	\$20.00
206.2	ROCK STRUCTURE EXCAVATION	CY	90.00	\$40.00	\$3,600.00	\$75.00	\$6,750.00	(\$3,150.00)
209.1	GRANULAR BACKFILL	CY	30.00	\$40.00	\$1,200.00	\$34.00	\$1,020.00	\$180.00
304.301	CRUSHED GRAVEL	CY	20.00	\$45.00	\$900.00	\$48.00	\$960.00	(\$60.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,150.00	\$20.00	\$23,000.00	\$18.30	\$21,045.00	\$1,955.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	410.00	\$89.00	\$36,490.00	\$77.00	\$31,570.00	\$4,920.00
403.11902	HBP - MACHINE METHOD, HIGH STRENGTH (QC/QA TIER 2)	TON	1,100.00	\$91.00	\$100,100.00	\$82.50	\$90,750.00	\$9,350.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	7,510.00	\$2.50	\$18,775.00	\$1.70	\$12,767.00	\$6,008.00
403.6	PAVEMENT JOINT ADHESIVE	LF	121,000.00	\$0.15	\$18,150.00	\$0.25	\$30,250.00	(\$12,100.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	11,700.00	\$2.00	\$23,400.00	\$3.80	\$44,460.00	(\$21,060.00)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	4,000.00	\$73.00	\$292,000.00	\$70.00	\$280,000.00	\$12,000.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	6,000.00	\$73.00	\$438,000.00	\$65.00	\$390,000.00	\$48,000.00

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	
417	COLD PLANING BITUMINOUS SURFACES	SY	20,000.00	\$2.30	\$46,000.00	\$1.80	\$36,000.00	\$10,000.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	54.00	\$175.00	\$9,450.00	\$138.00	\$7,452.00	\$1,998.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	85.00	\$450.00	\$38,250.00	\$415.00	\$35,275.00	\$2,975.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	120.00	\$50.00	\$6,000.00	\$50.00	\$6,000.00	\$0.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	120.00	\$10.00	\$1,200.00	\$10.00	\$1,200.00	\$0.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	39.00	\$1,700.00	\$66,300.00	\$1,950.00	\$76,050.00	(\$9,750.00)
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	7.00	\$1,600.00	\$11,200.00	\$1,650.00	\$11,550.00	(\$350.00)
606.1256	TERMINAL UNIT (X-TENSION)	U	1.00	\$6,500.00	\$6,500.00	\$5,025.00	\$5,025.00	\$1,475.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$500.00	\$500.00	\$600.00	\$600.00	(\$100.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	22,000.00	\$14.15	\$311,300.00	\$15.40	\$338,800.00	(\$27,500.00)
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	6.00	\$2,000.00	\$12,000.00	\$1,450.00	\$8,700.00	\$3,300.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	6.00	\$2,000.00	\$12,000.00	\$1,450.00	\$8,700.00	\$3,300.00
608.28	8" CONCRETE SIDEWALK (F)	SY	400.00	\$50.00	\$20,000.00	\$55.00	\$22,000.00	(\$2,000.00)

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	
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	300.00	\$16.00	\$4,800.00	\$17.00	\$5,100.00	(\$300.00)
609.5	RESET GRANITE CURB	LF	1,200.00	\$10.00	\$12,000.00	\$8.50	\$10,200.00	\$1,800.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	510.00	\$10.00	\$5,100.00	\$6.50	\$3,315.00	\$1,785.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	4.00	\$850.00	\$3,400.00	\$1,250.00	\$5,000.00	(\$1,600.00)
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$3,200.00	\$3,200.00	\$2,500.00	\$2,500.00	\$700.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	35,000.00	\$1.00	\$35,000.00	\$1.00	\$35,000.00	\$0.00
618.7	FLAGGERS	HR	500.00	\$30.00	\$15,000.00	\$25.00	\$12,500.00	\$2,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$120,000.00	\$120,000.00	\$37,500.00	\$37,500.00	\$82,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	3.00	\$3,000.00	\$9,000.00	\$3,700.00	\$11,100.00	(\$2,100.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	18.00	\$200.00	\$3,600.00	\$190.00	\$3,420.00	\$180.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$2,400.00	\$4,800.00	(\$800.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	270.00	\$4.00	\$1,080.00	\$4.50	\$1,215.00	(\$135.00)
621.31	SINGLE DELINEATOR WITH POST	EA	260.00	\$30.00	\$7,800.00	\$33.50	\$8,710.00	(\$910.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	100.00	\$38.00	\$3,800.00	\$39.00	\$3,900.00	(\$100.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,150.00	\$1.00	\$1,150.00	\$1.40	\$1,610.00	(\$460.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	118,400.00	\$0.15	\$17,760.00	\$0.18	\$21,312.00	(\$3,552.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,100.00	\$0.49	\$1,029.00	\$1.15	\$2,415.00	(\$1,386.00)

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		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	5,150.00	\$0.95	\$4,892.50	\$2.50	\$12,875.00	(\$7,982.50)	
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	100.00	\$2.25	\$225.00	\$3.80	\$380.00	(\$155.00)	
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	110.00	\$5.05	\$555.50	\$9.00	\$990.00	(\$434.50)	
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	5,350.00	\$0.45	\$2,407.50	\$0.40	\$2,140.00	\$267.50	
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	100.00	\$1.25	\$125.00	\$1.20	\$120.00	\$5.00	
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	110.00	\$1.25	\$137.50	\$2.00	\$220.00	(\$82.50)	
632.94	REMOVE RECESSED PAVEMENT MARKERS	EA	200.00	\$25.00	\$5,000.00	\$10.00	\$2,000.00	\$3,000.00	
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	8,800.00	\$4.00	\$35,200.00	\$4.30	\$37,840.00	(\$2,640.00)	
692	MOBILIZATION	U	1.00	\$140,000.00	\$140,000.00	\$140,000.00	\$140,000.00	\$0.00	
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00	
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	\$	6,100.00	\$1.00	\$6,100.00	\$1.00	\$6,100.00	\$0.00	
					\$2,068,207.00			\$1,975,931.00	\$92,276.00