

**DATE BIDS OPEN:** January 19, 2024, 11:00 AM

**SCOPE OF WORK:** Work shall consist of the replacement and rehabilitation of existing traffic signal systems, installation of bicycle and pedestrian infrastructure, and other highway related items, WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES: COARSE-MILLING BITUMINOUS PAVEMENT WITH A SHORT SECTION OF CONCRETE SUBSURFACE SLAB REMOVAL INCLUDING SUBBASE, CORRECTING SUPERELEVATION DEFICIENCIES AND FULL DEPTH PAVEMENT RECONSTRUCTION, GUARDRAIL, PAVEMENT MARKINGS, SIGNAGE, STORM DRAINAGE IMPROVEMENTS, CULVERT REPLACEMENTS AND OTHER HIGHWAY RELATED ITEMS, WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES: PARTIAL CONCRETE SUBSURFACE SLAB REMOVAL INCLUDING SUBBASE, CORRECTING SUPERELEVATION DEFICIENCIES, FULL DEPTH PAVEMENT RECONSTRUCTION, COARSE-MILLING BITUMINOUS PAVEMENT, GUARDRAIL, PAVEMENT MARKINGS, SIGNAGE, STORM DRAINAGE IMPROVEMENTS, CULVERT REPLACEMENTS AND OTHER HIGHWAY RELATED ITEMS.

**COMPLETION DATE:** November 01, 2024

**LOCATION:** In the Town of Hartford at the intersections of US Route 5 and North Main Street, US Route 5 and Worcester Ave./Highland Ave., and Hanover Street and Highland Ave., BEGINNING IN THE TOWN OF HARTFORD ON U.S. ROUTE 5 AT 148+36.80 (MM 2.810) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 5 FOR A DISTANCE OF 5,623.20 FEET (1.065 MILES) TO STA. 204+60.00 (MM 3.875), BEGINNING IN THE TOWN OF HARTFORD ON U.S. ROUTE 5 AT STA. 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 5 FOR A DISTANCE OF 14,836.80 FEET (2.810 MILES) STOPPING AT STA. 148+36.80 (MM 2.810). RESUMING AT STA. 204+60.00 (MM 3.875) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 5 FOR A DISTANCE OF 5,137.44 FEET (0.973 MILES) TO STA. 255+97.44 (MM 4.846).

Play Item	Description	Unit	Quantity	1. Kubricky-Jointa Lime LLC 269 Ballard Road Wilton, NY 12851		2. PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
<b>ITEMS COMMON TO ALL ALTERNATES</b>									
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	LS	1,000						
201.31	THINNING AND TRIMMING FOR SIGNS	EACH	7,000						
203.15	COMMON EXCAVATION	CY	19,350.000	\$20.500	\$396,675.000	\$15.000	\$290,250.000		
203.16	SOLID ROCK EXCAVATION	CY	7,200.000	\$41.500	\$298,800.000	\$65.000	\$468,000.000		
203.30	EARTH BORROW	CY	450.000	\$31.500	\$14,175.000	\$15.000	\$6,750.000		
204.20	TRENCH EXCAVATION OF EARTH	CY	1,900.000	\$24.500	\$46,550.000	\$25.000	\$47,500.000		
204.21	TRENCH EXCAVATION OF ROCK	CY	510.000	\$155.000	\$79,050.000	\$150.000	\$76,500.000		
204.22	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	CY	3,000	\$75.000	\$225.000	\$75.000	\$225.000		
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY	1,220.000	\$39.500	\$48,190.000	\$35.000	\$42,700.000		
210.10	COARSE-MILLING, BITUMINOUS PAVEMENT	SY	130,400.000	\$4.100	\$534,640.000	\$0.250	\$32,600.000		
213.10	MILLED RUMBLE STRIPS (SINUSOIDAL CENTERLINE)	LF	6,150.000	\$0.550	\$3,382.500	\$1.000	\$6,150.000		
301.28	SUBBASE OF CRUSHED GRAVEL, FINE GRADE	TON	35,500.000	\$30.500	\$1,082,750.000	\$30.000	\$1,065,000.000		
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	CY	3,350.000	\$50.500	\$168,175.000	\$55.000	\$185,250.000		
402.13	AGGREGATE SHOULDERS, RAP	TON	526.000	\$34.500	\$18,147.000	\$50.000	\$26,300.000		
404.65	EMULSIFIED ASPHALT	CWT	1,400.000	\$16.000	\$22,400.000	\$45.000	\$63,000.000		
406.28	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	LU	2,000	\$1.000	\$2.000	\$1.000	\$2.000		
406.29	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	LU	2,000	\$1.000	\$2.000	\$1.000	\$2.000		
406.30	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	LU	2,000	\$1.000	\$2.000	\$1.000	\$2.000		
406.31	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	LU	2,000	\$1.000	\$2.000	\$1.000	\$2.000		
406.35	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	TON	39,800.000	\$115.000	\$4,554,000.000	\$109.000	\$4,316,400.000		
406.38	HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES	SY	2,475.000	\$35.500	\$87,862.500	\$35.000	\$86,625.000		
406.45	BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION	TON	200.000	\$265.000	\$53,000.000	\$200.000	\$40,000.000		
406.50	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	LU	2,000	\$1.000	\$2.000	\$1.000	\$2.000		
410.10	MATERIAL TRANSFER VEHICLE	TON	39,800.000	\$2.100	\$83,580.000	\$1.500	\$59,700.000		
580.17	RAPID SETTING CONCRETE REPAIR MATERIAL	CF	10,000	\$71.000	\$710,000.000	\$300.000	\$3,000,000.000		
601.0405	12" PCCSP, 064 (2-2/3 X 1/2)	LF	5,000	\$230.000	\$1,150,000.000	\$375.000	\$1,875,000.000		
601.0815	18" RCP CLASS III	LF	40,000	\$340.000	\$13,600.000	\$300.000	\$12,000.000		
601.0825	24" RCP CLASS III	LF	20,000	\$285.000	\$5,700.000	\$350.000	\$7,000.000		
601.2615	18" CPEP(SL)	LF	325,000	\$97.000	\$31,525.000	\$175.000	\$56,875.000		
601.995	CLEANING CULVERT PIPE, IN-PLACE (0 TO 24 IN., INCL.)	LF	460,000	\$21.000	\$9,660.000	\$20.000	\$9,200.000		
604.18	PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE	EACH	7,000	\$4,300.000	\$30,100.000	\$5,500.000	\$38,500.000		
604.40	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	EACH	7,000	\$805.000	\$5,635.000	\$1,100.000	\$7,700.000		
604.412	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	EACH	84,000	\$1,800.000	\$151,200.000	\$1,800.000	\$151,200.000		
604.415	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	EACH	17,000	\$3,850.000	\$65,450.000	\$2,000.000	\$34,000.000		
604.418	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	EACH	17,000	\$4,700.000	\$79,900.000	\$2,000.000	\$34,000.000		
604.42	CHANGING ELEVATION OF SEWER MANHOLES	EACH	32,000	\$805.000	\$25,760.000	\$1,000.000	\$32,000.000		
605.10	UNDERDRAIN PIPE, 6 INCHES	LF	5,700.000	\$31.000	\$176,700.000	\$33.000	\$188,100.000		
608.15	POWER GRADER RENTAL	HR	27,000	\$195.000	\$5,265.000	\$150.000	\$4,050.000		
608.25	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	HR	158,000	\$335.000	\$51,825.000	\$165.000	\$25,575.000		
608.26	ALL PURPOSE EXCAVATOR RENTAL, TYPE II	HR	25,000	\$235.000	\$5,875.000	\$300.000	\$7,500.000		
608.30	POWER BROOM RENTAL, TYPE I	HR	25,000	\$105.000	\$2,625.000	\$50.000	\$1,250.000		
608.31	POWER BROOM RENTAL, TYPE II	HR	60,000	\$160.000	\$9,600.000	\$150.000	\$9,000.000		
608.37	TRUCK RENTAL	HR	310,000	\$155.000	\$48,050.000	\$115.000	\$35,650.000		
608.40	LOADER RENTAL, TYPE I	HR	22,000	\$155.000	\$3,410.000	\$150.000	\$3,300.000		
609.15	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	TON	32,000	\$660.000	\$21,120.000	\$650.000	\$20,800.000		
613.10	STONE FILL, TYPE I	CY	520.000	\$80.000	\$41,600.000	\$78.000	\$40,560.000		
616.21	VERTICAL GRANITE CURB	LF	1,500.000	\$61.000	\$91,500.000	\$80.000	\$120,000.000		
616.215	VERTICAL GRANITE CURB, MOUNTABLE	LF	110,000	\$115.000	\$12,650.000	\$150.000	\$16,500.000		
616.40	REMOVING AND RESETTING CURB	LF	3,400.000	\$37.500	\$127,500.000	\$50.000	\$170,000.000		
616.41	REMOVAL OF EXISTING CURB	LF	1,050.000	\$9.250	\$9,712.500	\$15.000	\$15,750.000		
617.10	REMOVE AND RESET MAILBOX, SINGLE SUPPORT	EACH	24,000	\$160.000	\$3,840.000	\$100.000	\$2,400.000		
617.12	REMOVE AND RESET MAILBOX, MULTIPLE SUPPORT	EACH	1,000	\$205.000	\$205.000	\$150.000	\$150.000		
618.10	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SY	62,000	\$530.000	\$32,860.000	\$220.000	\$13,640.000		
618.30	DETECTABLE WARNING SURFACE	SF	104,000	\$56.500	\$5,876.000	\$55.000	\$5,720.000		
619.17	YIELDING MARKER POSTS	EACH	30,000	\$61.000	\$1,830.000	\$44.000	\$1,320.000		
621.20	STEEL BEAM GUARDRAIL, GALVANIZED	LF	550,000	\$31.500	\$17,325.000	\$27.750	\$15,262.500		
621.205	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	LF	1,825,000	\$33.500	\$61,137.500	\$31.000	\$56,575.000		
621.218	TRAFFIC BARRIER DELINEATOR	EACH	130,000	\$14.500	\$1,885.000	\$12.750	\$1,657.500		
621.51	MANUFACTURED TERMINAL SECTION, TANGENT	EACH	1,000	\$3,150.000	\$3,150.000	\$3,400.000	\$3,400.000		
621.60	ANCHOR FOR STEEL BEAM RAIL	EACH	13,000	\$1,350.000	\$17,550.000	\$1,240.000	\$16,120.000		
621.76	REPLACE GUARDRAIL POST ASSEMBLY	EACH	94,000	\$58.000	\$5,452.000	\$65.000	\$6,110.000		
621.77	REPLACE GUARDRAIL BEAM UNIT	EACH	47,000	\$250.000	\$11,750.000	\$260.000	\$12,220.000		
621.80	REMOVAL AND DISPOSAL OF GUARDRAIL	LF	2,272,500	\$1.450	\$3,295.125	\$0.800	\$1,818.000		
629.20	ADJUST ELEVATION OF VALVE BOX	EACH	53,000	\$150.000	\$7,950.000	\$250.000	\$13,250.000		
630.10	UNIFORMED TRAFFIC OFFICERS	HR	4,700.000	\$80.000	\$376,000.000	\$55.000	\$258,500.000		
630.15	FLAGGERS	HR	14,700.000	\$45.000	\$661,500.000	\$50.000	\$735,000.000		
631.10	FIELD OFFICE, ENGINEERS (NH PS24(3))	LS	1,000	\$6,650.000	\$6,650.000	\$10,000.000	\$10,000.000		
631.10	FIELD OFFICE, ENGINEERS (STP PS24(2))	LS	1,000	\$34,700.000	\$34,700.000	\$10,000.000	\$10,000.000		
631.16	TESTING EQUIPMENT, CONCRETE (NHG SGNL(60))	LS	1,000	\$1,700.000	\$1,700.000	\$500.000	\$500.000		
631.16	TESTING EQUIPMENT, CONCRETE (NH PS24(3))	LS	1,000	\$1,700.000	\$1,700.000	\$500.000	\$500.000		
631.16	TESTING EQUIPMENT, CONCRETE (STP PS24(2))	LS	1,000	\$1,700.000	\$1,700.000	\$500.000	\$500.000		
631.17	TESTING EQUIPMENT, BITUMINOUS (NH PS24(3))	LS	1,000	\$540.000	\$540.000	\$500.000	\$500.000		
631.17	TESTING EQUIPMENT, BITUMINOUS (STP PS24(2))	LS	1,000	\$540.000	\$540.000	\$500.000	\$500.000		
631.26	FIELD OFFICE COMMUNICATIONS (N.A.B.I.)	DL	3,000.000	\$1.000	\$3,000.000	\$1.000	\$3,000.000		
633.10	CPM SCHEDULE	EACH	11,000	\$835.000	\$9,185.000	\$250.000	\$2,750.000		
634.10	EMPLOYEE TRAINEESHIP	HR	1,040.000	\$1.000	\$1,040.000	\$25.000	\$26,000.000		
635.11	MOBILIZATION/DEMobilIZATION (NHG SGNL(60))	LS	1,000	\$11,300.000	\$11,300.000	\$175,000.000	\$175,000.000		
635.11	MOBILIZATION/DEMobilIZATION (NH PS24(3))	LS	1,000	\$18,400.000	\$18,400.000	\$700,000.000	\$700,000.000		
635.11	MOBILIZATION/DEMobilIZATION (STP PS24(2))	LS	1,000	\$580,000.000	\$580,000.000	\$1,202,000.000	\$1,202,000.000		
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE (NHG SGNL(60))	LS	1,000	\$145,000.000	\$145,000.000	\$75,000.000	\$75,000.000		
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE (NH PS24(3))	LS	1,000	\$255,000.000	\$255,000.000	\$800,000.000	\$800,000.000		
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE (STP PS24(2))	LS	1,000	\$1,235,000.000	\$1,235,000.000	\$800,000.000	\$800,000.000		
641.15	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	10,000	\$9,700.000	\$97,000.000	\$5,400.000	\$54,000.000		
646.602	TEMPORARY 4 INCH WHITE LINE, PAINT	LF	162,500.000	\$0.220	\$35,750.000	\$0.200	\$32,500.000		
646.612	TEMPORARY 4 INCH YELLOW LINE, PAINT	LF	114,000.000	\$0.220	\$25,080.000	\$0.200	\$22,800.000		
646.622	TEMPORARY 6 INCH WHITE LINE, PAINT	LF	950,000	\$3.150	\$2,992.500	\$3.000	\$2,850.000		
646.632	TEMPORARY 6 INCH YELLOW LINE, PAINT	LF	530,000	\$3.150	\$1,669.500	\$3.000	\$1,590.000		
646.652	TEMPORARY 8 INCH YELLOW LINE, PAINT	LF	2,900.000	\$4.200	\$12,180.000	\$4.000	\$11,600.000		
646.662	TEMPORARY 12 INCH WHITE LINE, PAINT	LF	500.000	\$5.250	\$2,625.000	\$5.000	\$2,500.000		
646.682	TEMPORARY 24 INCH STOP BAR, PAINT	LF	2,030.000	\$6.300	\$12,789.000	\$6.000	\$12,180.000		
646.692	TEMPORARY LETTER OR SYMBOL, PAINT	EACH	890,000	\$42.000	\$37,380.000	\$40.000	\$35,60		