

KENMORE CONSTRUCTION
700 HOME AVE.
AKRON, OHIO 44310

MR. EXCAVATOR
8616 EUCLID CHARDON ROAD
KIRTLAND, OHIO 44094

LOCKHART CONCRETE
800 W. WATERLOO RD.
AKRON, OHIO 44314

CARDINAL ASPHALT COMPANY
1380 ORLEN AVE
CUYAHOGA FALLS, OHIO 44221

PERRIN ASPHALT
525 DAN ST.
AKRON, OHIO 44310

WENGER EXCAVATING
26 N COCHRAN ST.
DALTON, OHIO 44618

LIBERTA CONSTRUCTION
1001 EASTWOOD AVE.
AKRON, OHIO 44305

WOLFCREEK ENGINEERING & CONTRACTING
1288 STARLIGHT DR.
AKRON, OHIO 44306

BARBICAS CONSTRUCTION INC
124 DARROW RD
AKRON, OHIO 44305

KARVO PAVING
4524 HUDSON DR.
STOW, OHIO 44224

NORTHAMPTON/PORTAGE TRAIL INTERSECTION					ENGINEERS ESTIMATE		KENMORE		CARDINAL		CIOFFI		BARBICAS		MR EXCAVATOR		PERRIN		WOLFCREEK		KARVO		LOCKHART		WENGER			
ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		
		ROADWAY																										
1	201	CLEARING AND GRUBBING	LS	1	\$2,188.50	\$2,188.50	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$50.00	\$50.00	\$1,752.88	\$1,752.88	\$500.00	\$500.00	\$3,000.00	\$3,000.00	\$3,800.00	\$3,800.00	\$5,000.00	\$5,000.00	\$1,422.00	\$1,422.00		
2	202	HEADWALL REMOVED	EA	1	\$400.00	\$400.00	\$100.00	\$100.00	\$250.00	\$250.00	\$326.00	\$326.00	\$300.00	\$300.00	\$150.00	\$150.00	\$250.00	\$250.00	\$150.00	\$150.00	\$200.00	\$200.00	\$10.00	\$10.00	\$625.00	\$625.00		
3	202	PAVEMENT REMOVED	SQ YD	115	\$3.00	\$345.00	\$3.00	\$345.00	\$10.50	\$1,207.50	\$7.50	\$862.50	\$230.00	\$26,450.00	\$3.00	\$345.00	\$8.50	\$977.50	\$31.00	\$3,565.00	\$26.00	\$2,990.00	\$5.00	\$575.00	\$10.50	\$1,207.50		
4	202	PIPE REMOVED	LF	351	\$8.00	\$2,808.00	\$6.00	\$2,106.00	\$8.00	\$2,808.00	\$3.00	\$1,053.00	\$5.00	\$1,755.00	\$8.00	\$2,808.00	\$10.00	\$3,510.00	\$8.60	\$3,018.60	\$11.00	\$3,861.00	\$1.00	\$351.00	\$13.50	\$4,738.50		
5	202	CATCH BASIN REMOVED	EA	3	\$275.00	\$825.00	\$100.00	\$300.00	\$200.00	\$600.00	\$100.00	\$300.00	\$400.00	\$1,200.00	\$150.00	\$450.00	\$600.00	\$1,800.00	\$245.00	\$735.00	\$270.00	\$810.00	\$10.00	\$30.00	\$450.00	\$1,350.00		
6	203	EXCAVATION	CU YD	410	\$15.00	\$6,150.00	\$15.00	\$6,150.00	\$5.00	\$2,050.00	\$12.80	\$5,248.00	\$4.00	\$1,640.00	\$16.39	\$6,719.90	\$30.00	\$12,300.00	\$22.00	\$9,020.00	\$13.50	\$5,535.00	\$10.00	\$4,100.00	\$29.75	\$12,197.50		
7	203	EMBANKMENT	CU YD	149	\$22.50	\$3,352.50	\$6.00	\$894.00	\$5.00	\$745.00	\$7.00	\$1,043.00	\$4.00	\$596.00	\$11.69	\$1,741.81	\$20.00	\$2,980.00	\$24.00	\$3,576.00	\$14.00	\$2,086.00	\$10.00	\$1,490.00	\$16.50	\$2,458.50		
8	204	SUBGRADE COMPACTION	SQ YD	1013	\$2.00	\$2,026.00	\$2.00	\$2,026.00	\$0.75	\$759.75	\$0.10	\$101.30	\$1.00	\$1,013.00	\$1.50	\$1,519.50	\$0.50	\$506.50	\$3.00	\$3,039.00	\$0.95	\$962.35	\$1.00	\$1,013.00	\$3.75	\$3,798.75		
9	SPEC.	MAIL BOX SUPPORT SINGLE	EA	1	\$135.00	\$135.00	\$100.00	\$100.00	\$200.00	\$200.00	\$35.00	\$35.00	\$150.00	\$150.00	\$272.60	\$272.60	\$150.00	\$150.00	\$150.00	\$150.00	\$130.00	\$130.00	\$50.00	\$50.00	\$224.00	\$224.00		
		EROSION CONTROL																										
10	659	SOIL ANALYSIS TEST	EA	2	\$135.00	\$270.00	\$50.00	\$100.00	\$80.00	\$160.00	\$71.50	\$143.00	\$65.00	\$130.00	\$68.90	\$137.80	\$65.00	\$130.00	\$65.00	\$130.00	\$65.00	\$130.00	\$63.50	\$127.00	\$173.00	\$346.00		
11	659	TOPSOIL	CU YD	79	\$40.00	\$3,160.00	\$25.00	\$1,975.00	\$36.00	\$2,844.00	\$33.00	\$2,607.00	\$30.00	\$2,370.00	\$31.80	\$2,512.20	\$30.00	\$2,370.00	\$30.00	\$2,370.00	\$30.00	\$2,370.00	\$29.00	\$2,291.00	\$19.50	\$1,540.50		
12	659	SEEDING AND MULCHING	SQ YD	705	\$3.50	\$2,467.50	\$1.00	\$705.00	\$1.20	\$846.00	\$1.20	\$846.00	\$1.10	\$775.50	\$1.17	\$824.85	\$1.10	\$775.50	\$1.10	\$775.50	\$1.10	\$775.50	\$1.10	\$775.50	\$1.00	\$705.00	\$1.60	\$1,128.00
13	659	REPAIR SEEDING AND MULCHING	SQ YD	36	\$1.25	\$45.00	\$1.00	\$36.00	\$1.20	\$43.20	\$1.22	\$43.92	\$1.10	\$39.60	\$1.17	\$42.12	\$1.10	\$39.60	\$1.10	\$39.60	\$1.10	\$39.60	\$1.00	\$36.00	\$0.70	\$25.20		
14	659	INTER-SEEDING	SQ YD	36	\$0.75	\$27.00	\$0.01	\$0.36	\$2.25	\$81.00	\$1.79	\$64.44	\$1.60	\$57.60	\$1.70	\$61.20	\$1.60	\$57.60	\$1.60	\$57.60	\$1.60	\$57.60	\$1.50	\$54.00	\$0.70	\$25.20		
15	659	COMMERCIAL FERTILIZER	TON	0.1	\$700.00	\$70.00	\$500.00	\$50.00	\$1,700.00	\$170.00	\$990.00	\$99.00	\$900.00	\$90.00	\$954.00	\$95.40	\$900.00	\$90.00	\$900.00	\$90.00	\$900.00	\$90.00	\$90.00	\$800.00	\$80.00	\$400.00	\$40.00	
16	659	LIME	ACRE	0.15	\$550.00	\$82.50	\$400.00	\$60.00	\$500.00	\$75.00	\$440.00	\$66.00	\$400.00	\$60.00	\$424.00	\$63.60	\$400.00	\$60.00	\$400.00	\$60.00	\$400.00	\$60.00	\$420.00	\$63.00	\$400.00	\$60.00		
17	659	WATER	M GAL	4	\$11.00	\$44.00	\$10.00	\$40.00	\$50.00	\$200.00	\$33.10	\$132.40	\$30.00	\$120.00	\$31.80	\$127.20	\$30.00	\$120.00	\$30.00	\$120.00	\$30.00	\$120.00	\$30.00	\$120.00	\$25.00	\$100.00		
18	832	EROSION CONTROL AS PER PLAN	LUMP	1	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$750.00	\$750.00	\$1,100.00	\$1,100.00	\$5,000.00	\$5,000.00	\$3,893.00	\$3,893.00		
		DRAINAGE																										
19	603	4" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION	FT	56	\$20.00	\$1,120.00	\$2.00	\$112.00	\$29.00	\$1,624.00	\$9.00	\$504.00	\$5.00	\$280.00	\$20.53	\$1,149.68	\$12.00	\$672.00	\$3.00	\$168.00	\$7.00	\$392.00	\$4.00	\$224.00	\$9.00	\$504.00		
20	603	4" CONDUIT, TYPE F	FT	10	\$30.00	\$300.00	\$15.00	\$150.00	\$29.00	\$290.00	\$12.00	\$120.00	\$5.00	\$50.00	\$20.53	\$205.30	\$10.00	\$100.00	\$5.00	\$50.00	\$9.00	\$90.00	\$4.00	\$40.00	\$8.80	\$88.00		
21	603	6" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION	FT	50	\$30.00	\$1,500.00	\$3.00	\$150.00	\$32.00	\$1,600.00	\$20.00	\$1,000.00	\$10.00	\$500.00	\$46.08	\$2,304.00	\$14.00	\$700.00	\$4.00	\$200.00	\$8.00	\$400.00	\$8.00	\$400.00	\$14.40	\$720.00		
22	603	12" CONDUIT, TYPE B	FT	186	\$42.00	\$7,812.00	\$45.00	\$8,370.00	\$48.00	\$8,928.00	\$52.00	\$9,672.00	\$50.00	\$9,300.00	\$48.27	\$8,978.22	\$21.00	\$3,906.00	\$32.50	\$6,045.00	\$37.00	\$6,882.00	\$35.00	\$6,510.00	\$67.20	\$12,499.20		
23	603	12" CONDUIT, TYPE C	FT	10	\$50.00	\$500.00	\$50.00	\$500.00	\$51.00	\$510.00	\$58.00	\$580.00	\$15.00	\$150.00	\$48.27	\$482.70	\$21.00	\$210.00	\$42.00	\$420.00	\$52.00	\$520.00	\$35.00	\$350.00	\$65.70	\$657.00		
24	603	12" CONDUIT, TYPE D	FT	28	\$50.00	\$1,400.00	\$53.00	\$1,484.00	\$51.00	\$1,428.00	\$45.00	\$1,260.00	\$70.00	\$1,960.00	\$48.27	\$1,351.56	\$30.00	\$840.00	\$28.00	\$784.00	\$38.00	\$1,064.00	\$40.00	\$1,120.00	\$64.30	\$1,800.40		
25	603	30" CONDUIT, TYPE C	FT	4	\$150.00	\$600.00	\$200.00	\$800.00	\$91.00	\$364.00	\$210.00	\$840.00	\$700.00	\$2,800.00	\$76.23	\$304.92	\$205.00	\$820.00	\$242.00	\$968.00	\$245.00	\$980.00	\$200.00	\$800.00	\$145.00	\$580.00		

4.1.1*

NORTHAMPTON/PORTAGE TRAIL INTERSECTION				ENGINEERS ESTIMATE		KENMORE		CARDINAL		CIOFFI		BARBICAS		MR EXCAVATOR		PERRIN		WOLFCREEK		KARVO		LOCKHART		WENGER		
ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
26	603	22"X34" CONDUIT, TYPE B 706.04	FT	217	\$80.00	\$17,360.00	\$115.00	\$24,955.00	\$100.00	\$21,700.00	\$105.00	\$22,785.00	\$125.00	\$27,125.00	\$110.04	\$23,878.68	\$109.00	\$23,653.00	\$95.00	\$20,615.00	\$114.00	\$24,738.00	\$297.00	\$64,449.00	\$165.10	\$35,826.70
27	604	CATCH BASIN NO. 3A AS PER PLAN	EA	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,890.00	\$1,890.00	\$2,500.00	\$2,500.00	\$1,767.53	\$1,767.53	\$1,875.00	\$1,875.00	\$1,600.00	\$1,600.00	\$1,550.00	\$1,550.00	\$1,000.00	\$1,000.00	\$1,849.00	\$1,849.00
28	604	CATCH BASIN , NO. 2-2B	EA	2	\$2,000.00	\$4,000.00	\$900.00	\$1,800.00	\$900.00	\$1,800.00	\$1,020.00	\$2,040.00	\$575.00	\$1,150.00	\$1,381.23	\$2,762.46	\$1,575.00	\$3,150.00	\$1,070.00	\$2,140.00	\$1,200.00	\$2,400.00	\$700.00	\$1,400.00	\$1,498.00	\$2,996.00
29	604	INLET, SIDE DITCH	EA	2	\$2,000.00	\$4,000.00	\$850.00	\$1,700.00	\$1,900.00	\$3,800.00	\$1,000.00	\$2,000.00	\$350.00	\$700.00	\$1,153.33	\$2,306.66	\$650.00	\$1,300.00	\$885.00	\$1,770.00	\$850.00	\$1,700.00	\$500.00	\$1,000.00	\$764.00	\$1,528.00
30	604	MANHOLE, NO. 3	EA	1	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$2,168.14	\$2,168.14	\$3,000.00	\$3,000.00	\$1,700.00	\$1,700.00	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00	\$2,061.00	\$2,061.00
31	605	4" BASE PIPE UNDERDRAIN	FT	29	\$20.00	\$580.00	\$9.00	\$261.00	\$16.50	\$478.50	\$7.10	\$205.90	\$25.00	\$725.00	\$15.35	\$445.15	\$15.00	\$435.00	\$29.00	\$841.00	\$8.50	\$246.50	\$7.00	\$203.00	\$16.75	\$485.75
32	605	4" UNCLASSIFIED PIPE UNDERDRAIN	FT	16	\$30.00	\$480.00	\$13.00	\$208.00	\$16.50	\$264.00	\$9.25	\$148.00	\$25.00	\$400.00	\$15.35	\$245.60	\$15.00	\$240.00	\$26.00	\$416.00	\$8.50	\$136.00	\$7.00	\$112.00	\$16.75	\$268.00
		PAVEMENT																								
33	301	ASPHALT CONCRETE BASE, PG64-22	CU YD	128	\$150.00	\$19,200.00	\$135.00	\$17,280.00	\$164.00	\$20,992.00	\$203.50	\$26,048.00	\$140.00	\$17,920.00	\$164.30	\$21,030.40	\$176.00	\$22,528.00	\$185.00	\$23,680.00	\$160.00	\$20,480.00	\$183.00	\$23,424.00	\$197.00	\$25,216.00
34	304	AGGREGATE BASE (LIMESTONE)	CU YD	207	\$46.50	\$9,625.50	\$35.00	\$7,245.00	\$38.00	\$7,866.00	\$47.00	\$9,729.00	\$50.00	\$10,350.00	\$35.79	\$7,408.53	\$55.00	\$11,385.00	\$55.00	\$11,385.00	\$82.00	\$16,974.00	\$40.00	\$8,280.00	\$45.90	\$9,501.30
35	407	TACK COAT	GAL	77	\$4.40	\$338.80	\$2.00	\$154.00	\$4.00	\$308.00	\$3.30	\$254.10	\$2.00	\$154.00	\$4.24	\$326.48	\$2.50	\$192.50	\$3.00	\$231.00	\$3.00	\$231.00	\$3.00	\$231.00	\$3.20	\$246.40
36	408	PRIME COAT	GAL	339	\$5.60	\$1,898.40	\$4.00	\$1,356.00	\$6.00	\$2,034.00	\$4.40	\$1,491.60	\$3.00	\$1,017.00	\$5.30	\$1,796.70	\$3.50	\$1,186.50	\$4.00	\$1,356.00	\$3.00	\$1,017.00	\$4.00	\$1,356.00	\$4.30	\$1,457.70
37	422	SINGLE CHIP SEAL	SQ YD	200	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$7.70	\$1,540.00	\$5.00	\$1,000.00	\$21.20	\$4,240.00	\$14.50	\$2,900.00	\$7.00	\$1,400.00	\$17.80	\$3,560.00	\$6.50	\$1,300.00	\$8.70	\$1,740.00
38	448	ASPHALT CONCRETE INTERM. COURSE TYPE 2 PG64-22 (DRIVEWAYS)	CU YD	4	\$300.00	\$1,200.00	\$250.00	\$1,000.00	\$174.00	\$696.00	\$291.50	\$1,166.00	\$250.00	\$1,000.00	\$212.00	\$848.00	\$300.00	\$1,200.00	\$265.00	\$1,060.00	\$250.00	\$1,000.00	\$255.00	\$1,020.00	\$276.00	\$1,104.00
39	448	ASPHALT CONCRETE SURFACE, COURSE TYPE 1PG64-22	CU YD	32	\$175.00	\$5,600.00	\$200.00	\$6,400.00	\$200.00	\$6,400.00	\$322.30	\$10,313.60	\$150.00	\$4,800.00	\$190.80	\$6,105.60	\$300.00	\$9,600.00	\$293.00	\$9,376.00	\$350.00	\$11,200.00	\$283.00	\$9,056.00	\$280.00	\$8,960.00
40	448	ASPHALT CONCRETE SURFACE, COURSE TYPE 1PG64-22 (DRIVEWAYS)	CU YD	3	\$375.00	\$1,125.00	\$300.00	\$900.00	\$200.00	\$600.00	\$322.30	\$966.90	\$450.00	\$1,350.00	\$212.00	\$636.00	\$300.00	\$900.00	\$293.00	\$879.00	\$390.00	\$1,170.00	\$324.00	\$972.00	\$280.00	\$840.00
41	452	8" NON-REINFORCED CONCRETE PAVEMENT	SQ YD	68	\$60.00	\$4,080.00	\$60.00	\$4,080.00	\$49.00	\$3,332.00	\$45.00	\$3,060.00	\$45.00	\$3,060.00	\$68.88	\$4,683.84	\$47.20	\$3,209.60	\$75.00	\$5,100.00	\$66.00	\$4,488.00	\$40.00	\$2,720.00	\$51.70	\$3,515.60
42	609	CURB, TYPE 6	FT	56	\$31.00	\$1,736.00	\$21.00	\$1,176.00	\$27.00	\$1,512.00	\$16.10	\$901.60	\$18.00	\$1,008.00	\$21.20	\$1,187.20	\$35.00	\$1,960.00	\$20.00	\$1,120.00	\$23.00	\$1,288.00	\$15.00	\$840.00	\$28.75	\$1,610.00
		TRAFFIC CONTROL																								
43	630	GROUND MOUNTED SUPPORT, NO 3 POST	FT	51.5	\$11.50	\$592.25	\$5.00	\$257.50	\$10.00	\$515.00	\$7.15	\$368.23	\$6.50	\$334.75	\$6.89	\$354.84	\$8.50	\$437.75	\$6.50	\$334.75	\$9.00	\$463.50	\$6.00	\$309.00	\$7.50	\$386.25
44	630	SIGN, FLAT SHEET	SQ FT	15	\$20.00	\$300.00	\$17.00	\$255.00	\$16.00	\$240.00	\$15.40	\$231.00	\$14.00	\$210.00	\$14.84	\$222.60	\$18.00	\$270.00	\$14.00	\$210.00	\$14.00	\$210.00	\$17.00	\$255.00	\$15.00	\$225.00
45	630	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	EA	5	\$19.50	\$97.50	\$10.00	\$50.00	\$30.00	\$150.00	\$27.50	\$137.50	\$25.00	\$125.00	\$26.50	\$132.50	\$16.50	\$82.50	\$25.00	\$125.00	\$3.00	\$15.00	\$18.00	\$90.00	\$27.00	\$135.00
46	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	EA	2	\$69.00	\$138.00	\$45.00	\$90.00	\$60.00	\$120.00	\$60.50	\$121.00	\$55.00	\$110.00	\$58.30	\$116.60	\$27.50	\$55.00	\$55.00	\$110.00	\$100.00	\$200.00	\$24.00	\$48.00	\$59.00	\$118.00
47	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	EA	8	\$18.00	\$144.00	\$22.00	\$176.00	\$35.00	\$280.00	\$33.00	\$264.00	\$30.00	\$240.00	\$31.80	\$254.40	\$16.50	\$132.00	\$30.00	\$240.00	\$25.00	\$200.00	\$18.00	\$144.00	\$34.00	\$272.00
48	642	EDGE LINE TYPE 2	MILE	0.3	\$2,675.00	\$802.50	\$750.00	\$225.00	\$900.00	\$270.00	\$880.00	\$264.00	\$800.00	\$240.00	\$848.00	\$254.40	\$800.00	\$240.00	\$800.00	\$240.00	\$3,000.00	\$900.00	\$2,500.00	\$750.00	\$819.00	\$245.70
49	642	CENTER LINE, TYPE 2	MILE	0.21	\$4,600.00	\$966.00	\$1,600.00	\$336.00	\$1,950.00	\$409.50	\$1,980.00	\$415.80	\$1,800.00	\$378.00	\$1,908.00	\$400.68	\$1,800.00	\$378.00	\$1,800.00	\$378.00	\$5,280.00	\$1,108.80	\$5,000.00	\$1,050.00	\$2,000.00	\$420.00

4.1.2*

NORTHAMPTON/PORTAGE TRAIL INTERSECTION				ENGINEERS ESTIMATE		KENMORE		CARDINAL		CIOFFI		BARBICAS		MR EXCAVATOR		PERRIN		WOLFCREEK		KARVO		LOCKHART		WENGER		
ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
50	642	CHANNELIZATION LINE, TYPE 2	FT	260	\$0.75	\$195.00	\$0.80	\$208.00	\$0.90	\$234.00	\$0.88	\$228.80	\$0.80	\$208.00	\$0.85	\$221.00	\$0.70	\$182.00	\$0.80	\$208.00	\$1.00	\$260.00	\$0.60	\$156.00	\$1.50	\$390.00
51	642	TRANSVERSE/DIAGONAL LINE TYPE 2	FT	191	\$2.80	\$534.80	\$2.00	\$382.00	\$3.00	\$573.00	\$2.76	\$527.16	\$2.50	\$477.50	\$2.65	\$506.15	\$3.30	\$630.30	\$2.50	\$477.50	\$1.90	\$362.90	\$3.00	\$573.00	\$4.00	\$764.00
52	642	REMOVAL OF PAVEMENT MARKING	FT	790	\$1.75	\$1,382.50	\$2.00	\$1,580.00	\$2.00	\$1,580.00	\$2.20	\$1,738.00	\$2.00	\$1,580.00	\$2.12	\$1,674.80	\$2.00	\$1,580.00	\$2.00	\$1,580.00	\$1.31	\$1,034.90	\$1.00	\$790.00	\$0.25	\$197.50
53	642	REMOVAL OF PAVEMENT MARKING	EA	7	\$80.00	\$560.00	\$50.00	\$350.00	\$55.00	\$385.00	\$60.50	\$423.50	\$55.00	\$385.00	\$58.30	\$408.10	\$55.00	\$385.00	\$55.00	\$385.00	\$50.00	\$350.00	\$30.00	\$210.00	\$24.00	\$168.00
54	644	STOP LINE	FT	45	\$7.00	\$315.00	\$9.00	\$405.00	\$10.00	\$450.00	\$9.90	\$445.50	\$9.00	\$405.00	\$9.54	\$429.30	\$9.00	\$405.00	\$9.00	\$405.00	\$23.00	\$1,035.00	\$14.00	\$630.00	\$10.00	\$450.00
55	644	LANE ARROW	EA	6	\$110.00	\$660.00	\$50.00	\$300.00	\$130.00	\$780.00	\$137.50	\$825.00	\$125.00	\$750.00	\$132.50	\$795.00	\$125.00	\$750.00	\$125.00	\$750.00	\$158.00	\$948.00	\$84.00	\$504.00	\$271.00	\$1,626.00
		TRAFFIC SIGNAL																								
56	625	CONDUIT 2", 725.04	FT	5	\$18.50	\$92.50	\$10.00	\$50.00	\$8.00	\$40.00	\$14.87	\$74.35	\$15.00	\$75.00	\$8.43	\$42.15	\$8.00	\$40.00	\$7.95	\$39.75	\$7.95	\$39.75	\$7.20	\$36.00	\$9.00	\$45.00
57	625	CONDUIT JACKED OR DRILLED, 3"	FT	82	\$37.50	\$3,075.00	\$25.00	\$2,050.00	\$32.00	\$2,624.00	\$33.00	\$2,706.00	\$25.00	\$2,050.00	\$31.80	\$2,607.60	\$30.00	\$2,460.00	\$30.00	\$2,460.00	\$30.00	\$2,460.00	\$29.50	\$2,419.00	\$35.00	\$2,870.00
58	625	TRENCH	FT	5	\$8.00	\$40.00	\$10.00	\$50.00	\$7.00	\$35.00	\$7.53	\$37.65	\$12.00	\$60.00	\$7.26	\$36.30	\$7.00	\$35.00	\$6.85	\$34.25	\$6.85	\$34.25	\$7.20	\$36.00	\$9.00	\$45.00
59	625	PULL BOX, 725.08 18"	EA	2	\$675.00	\$1,350.00	\$550.00	\$1,100.00	\$650.00	\$1,300.00	\$682.00	\$1,364.00	\$625.00	\$1,250.00	\$657.20	\$1,314.40	\$620.00	\$1,240.00	\$620.00	\$1,240.00	\$620.00	\$1,240.00	\$617.00	\$1,234.00	\$620.00	\$1,240.00
60	632	DETECTOR LOOP	EA																							

NORTHAMPTON/PORTAGE TRAIL INTERSECTION					ENGINEERS ESTIMATE		KENMORE		CARDINAL		CIOFFI		BARBICAS		MR EXCAVATOR		PERRIN		WOLFCREEK		KARVO		LOCKHART		WENGER	
ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
		MISCELLANEOUS																								
74	614	MAINTAINING TRAFFIC	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$3,200.00	\$3,200.00	\$7,500.00	\$7,500.00	\$500.00	\$500.00	\$5,392.00	\$5,392.00	\$4,000.00	\$4,000.00	\$12,000.00	\$12,000.00	\$19,500.00	\$19,500.00	\$10,000.00	\$10,000.00	\$36,382.00	\$36,382.00
75	623	CONSTRUCTION LAYOUT STAKING	LS	1	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$2,491.25	\$2,491.25	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00	\$1,250.00	\$1,250.00	\$7,000.00	\$7,000.00	\$9,918.00	\$9,918.00
76	624	MOBILIZATION	LS	1	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$3,650.00	\$3,650.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00	\$7,500.00	\$7,500.00	\$18,565.00	\$18,565.00
TOTAL BASE BID					\$175,115.25		\$157,227.86		\$159,558.45		\$162,418.87		\$162,817.95		\$168,142.70		\$173,560.05		\$179,483.63		\$194,797.23		\$208,941.00		\$254,351.01	

NORTHAMPTON/PORTAGE TRAIL INTERSECTION					ENGINEERS ESTIMATE		KENMORE		CARDINAL		CIOFFI		BARBICAS		MR EXCAVATOR		PERRIN		WOLFCREEK		KARVO		LOCKHART		WENGER	
ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
A-1	254	PAVEMENT PLANING, ASPHALT CONCRETE	SQ YD	2350	\$3.25	\$7,637.50	\$5.00	\$11,750.00	\$3.20	\$7,520.00	\$6.80	\$15,980.00	\$3.35	\$7,872.50	\$3.18	\$7,473.00	\$3.25	\$7,637.50	\$2.80	\$6,580.00	\$2.55	\$5,992.50	\$3.00	\$7,050.00	\$3.25	\$7,637.50
A-2	407	TACK COAT	GAL	235	\$2.75	\$646.25	\$2.00	\$470.00	\$4.00	\$940.00	\$2.20	\$517.00	\$2.00	\$470.00	\$4.24	\$996.40	\$1.50	\$352.50	\$2.00	\$470.00	\$2.50	\$587.50	\$2.00	\$470.00	\$2.30	\$540.50
A-3	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 PG64-22	CU YD	98	\$175.00	\$17,150.00	\$160.00	\$15,680.00	\$200.00	\$19,600.00	\$173.80	\$17,032.40	\$150.00	\$14,700.00	\$177.55	\$17,399.90	\$200.00	\$19,600.00	\$168.00	\$16,464.00	\$164.00	\$16,072.00	\$176.00	\$17,248.00	\$168.00	\$16,464.00
A-4	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	CU YD	2	\$225.00	\$450.00	\$500.00	\$1,000.00	\$220.00	\$440.00	\$475.00	\$950.00	\$80.00	\$160.00	\$538.00	\$1,076.00	\$200.00	\$400.00	\$100.00	\$200.00	\$159.00	\$318.00	\$130.00	\$260.00	\$202.00	\$404.00
(52.53)		DEDUCT PAVEMENT MARKING REMOVAL ITEMS	LS	-1	\$1,872.50	-\$1,872.50	\$1,930.00	-\$1,930.00	\$1,500.00	-\$1,500.00	\$2,065.00	-\$2,065.00	\$1,965.00	-\$1,965.00	\$1,700.00	-\$1,700.00	\$250.00	-\$250.00	\$1,965.00	-\$1,965.00	\$1,384.90	-\$1,384.90	\$1,000.00	-\$1,000.00	\$25.00	-\$25.00
TOTAL ALTERNATE#1					\$24,011.25		\$26,970.00		\$27,000.00		\$32,414.40		\$21,237.50		\$25,245.30		\$27,740.00		\$21,749.00		\$21,585.10		\$24,028.00		\$25,021.00	
BASE + ALTERNATE#1					\$199,126.50		\$184,197.86		\$186,558.45		\$194,833.27		\$184,055.45		\$193,388.00		\$201,300.05		\$201,232.63		\$216,382.33		\$232,969.00		\$279,372.01	

4.1.4*