

LAK-Lane Road (CR 123) Resurfacing Project
 PID 112509, Federal Aid project No. FAN E200(687), LCE Project No. 2020-010

Item	Quantity	Engineer's Estimate		Karvo Companies Inc		Chagrin Valley Paving, Inc.		Ronyak Paving, Inc		Barbicas Construction Co Inc	
		Estimated Cost	Extension	Price	Extension	Price	Extension	Price	Extension	Price	Extension
PROPOSAL SHEET											
1 - 201 - Clearing and Grubbing - LUMP	1.00	\$10,000.00	\$10,000.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$20,000.00	\$20,000.00
2 - 202 - Pipe Removed - FT	170.00	\$8.00	\$1,360.00	\$3.00	\$510.00	\$3.00	\$510.00	\$3.00	\$510.00	\$31.00	\$5,270.00
3 - 202 - Guardrail Removed - FT	1,085.00	\$2.25	\$2,441.25	\$2.00	\$2,170.00	\$2.00	\$2,170.00	\$2.00	\$2,170.00	\$2.00	\$2,170.00
4 - 202 - Catch Basin Removed - EA	7.00	\$250.00	\$1,750.00	\$133.00	\$931.00	\$133.00	\$931.00	\$133.00	\$931.00	\$550.00	\$3,850.00
5 - 203 - Excavation - CY	3,050.00	\$22.00	\$67,100.00	\$15.00	\$45,750.00	\$8.00	\$24,400.00	\$16.00	\$48,800.00	\$27.00	\$82,350.00
6 - 203 - Embankment - CY	200.00	\$65.00	\$13,000.00	\$9.00	\$1,800.00	\$9.00	\$1,800.00	\$31.00	\$6,200.00	\$10.00	\$2,000.00
7 - 203 - Granular Embankment, As Per Plan - CY	25.00	\$100.00	\$2,500.00	\$73.00	\$1,825.00	\$73.00	\$1,825.00	\$73.00	\$1,825.00	\$150.00	\$3,750.00
8 - 204 - Subgrade Compaction, As Per Plan - SY	8,440.00	\$1.00	\$8,440.00	\$0.50	\$4,220.00	\$0.25	\$2,110.00	\$0.50	\$4,220.00	\$0.20	\$1,688.00
9 - 209 - Linear Grading - STA	134.00	\$300.00	\$40,200.00	\$32.00	\$4,288.00	\$40.00	\$5,360.00	\$60.00	\$8,040.00	\$50.00	\$6,700.00
10 - 251 - Partial Depth Repair (441) - SY	3,650.00	\$20.00	\$73,000.00	\$16.00	\$58,400.00	\$25.00	\$91,250.00	\$22.00	\$80,300.00	\$22.00	\$80,300.00
11 - 252 - Full Depth Rigid Pavement Removal and Flexible Replacement, As Per Plan - SY	35.00	\$40.00	\$1,400.00	\$8.00	\$280.00	\$75.00	\$2,625.00	\$85.00	\$2,975.00	\$250.00	\$8,750.00
12 - 252 - Full Depth Pavement Sawing - FT	160.00	\$2.75	\$440.00	\$5.00	\$800.00	\$5.00	\$800.00	\$5.00	\$800.00	\$5.00	\$800.00
13 - 253 - Pavement Repair - SY	910.00	\$45.00	\$40,950.00	\$45.00	\$40,950.00	\$45.00	\$40,950.00	\$65.00	\$59,150.00	\$60.00	\$54,600.00
14 - 254 - Pavement Planing, Asphalt Concrete - SY	30,550.00	\$2.00	\$61,100.00	\$1.85	\$56,517.50	\$2.00	\$61,100.00	\$2.50	\$76,375.00	\$4.25	\$129,837.50
15 - 301 - 6" Asphalt Concrete Base - CY	1,410.00	\$135.00	\$190,350.00	\$138.00	\$194,580.00	\$150.00	\$211,500.00	\$135.00	\$190,350.00	\$125.00	\$176,250.00
16 - 304 - 5" Aggregate Base - CY	1,175.00	\$70.00	\$82,250.00	\$68.00	\$79,900.00	\$45.00	\$52,875.00	\$58.00	\$68,150.00	\$50.00	\$58,750.00
17 - 407 - Non-Tracking Tack Coat - GAL	5,210.00	\$2.50	\$13,025.00	\$2.00	\$10,420.00	\$2.00	\$10,420.00	\$2.00	\$10,420.00	\$3.00	\$15,630.00
18 - 441 - 1" Asphalt Concrete, Intermediate Course, Type 1, (448), As Per Plan - CY	1,010.00	\$140.00	\$141,400.00	\$153.00	\$154,530.00	\$155.00	\$156,550.00	\$145.00	\$146,450.00	\$200.00	\$202,000.00
19 - 441 - Asphalt Concrete, Intermediate Course, Type 2, (448), As Per Plan - CY	2,525.00	\$120.00	\$303,000.00	\$128.00	\$323,200.00	\$135.00	\$340,875.00	\$130.00	\$328,250.00	\$125.00	\$315,625.00
20 - 441 - 1 1/2" Asphalt Concrete, Surface Course, Type 1, (448), PG 70-22M, As Per Plan - CY	1,595.00	\$160.00	\$255,200.00	\$168.00	\$267,960.00	\$170.00	\$271,150.00	\$165.00	\$263,175.00	\$175.00	\$279,125.00
21 - 503 - Cofferdams and Excavation Bracing - LUMP	1.00	\$10,000.00	\$10,000.00	\$6,350.00	\$6,350.00	\$6,350.00	\$6,350.00	\$6,350.00	\$6,350.00	\$10,000.00	\$10,000.00
22 - 503 - Unclassified Excavation - LUMP	1.00	\$10,000.00	\$10,000.00	\$2,360.00	\$2,360.00	\$2,360.00	\$2,360.00	\$2,360.00	\$2,360.00	\$10,000.00	\$10,000.00
23 - 511 - Class QC1, Concrete, As Per Plan - CY	10.00	\$700.00	\$7,000.00	\$1,850.00	\$18,500.00	\$1,850.00	\$18,500.00	\$1,850.00	\$18,500.00	\$1,350.00	\$13,500.00
24 - 601 - Rock Channel Protection, Type C Grouted in Place with Aggregate Filter - CY	70.00	\$100.00	\$7,000.00	\$260.00	\$18,200.00	\$275.00	\$19,250.00	\$275.00	\$19,250.00	\$270.00	\$18,900.00
25 - 602 - Concrete Masonry - CY	0.25	\$2,500.00	\$625.00	\$3,500.00	\$875.00	\$3,500.00	\$875.00	\$3,500.00	\$875.00	\$2,000.00	\$500.00
26 - 606 - Guardrail, Type MGS - FT	706.25	\$19.00	\$13,418.75	\$22.50	\$15,890.63	\$22.50	\$15,890.63	\$23.20	\$16,385.00	\$23.20	\$16,385.00
27 - 606 - Guardrail, Type MGS, Long Span - FT	175.00	\$30.00	\$5,250.00	\$25.00	\$4,375.00	\$25.00	\$4,375.00	\$25.40	\$4,445.00	\$25.40	\$4,445.00
28 - 606 - Anchor Assembly, MGS, Type B - EA	5.00	\$1,460.00	\$7,300.00	\$2,450.00	\$12,250.00	\$2,450.00	\$12,250.00	\$2,180.00	\$10,900.00	\$2,180.00	\$10,900.00
29 - 606 - Anchor Assembly, MGS, Type T - EA	3.00	\$770.00	\$2,310.00	\$1,700.00	\$5,100.00	\$1,700.00	\$5,100.00	\$1,430.00	\$4,290.00	\$1,430.00	\$4,290.00
30 - 606 - Guardrail Post, 9 Foot - EA	173.00	\$36.00	\$6,228.00	\$36.00	\$6,228.00	\$36.00	\$6,228.00	\$24.00	\$4,152.00	\$24.00	\$4,152.00
31 - 611 - 12" Conduit, Type B - FT	141.00	\$85.00	\$11,985.00	\$165.00	\$23,265.00	\$165.00	\$23,265.00	\$165.00	\$23,265.00	\$160.00	\$22,560.00
32 - 611 - 12" Conduit, Type C - FT	60.00	\$45.00	\$2,700.00	\$110.00	\$6,600.00	\$110.00	\$6,600.00	\$110.00	\$6,600.00	\$92.00	\$5,520.00
33 - 611 - 4" Conduit, Type E, As Per Plan - FT	15.00	\$25.00	\$375.00	\$30.00	\$450.00	\$30.00	\$450.00	\$30.00	\$450.00	\$20.00	\$300.00
34 - 611 - 6" Conduit, Type E, As Per Plan - FT	20.00	\$30.00	\$600.00	\$29.00	\$580.00	\$29.00	\$580.00	\$29.00	\$580.00	\$20.00	\$400.00
35 - 611 - Catch Basin, 2-2B - EA	7.00	\$1,300.00	\$9,100.00	\$1,800.00	\$12,600.00	\$1,800.00	\$12,600.00	\$1,800.00	\$12,600.00	\$1,500.00	\$10,500.00
36 - 614 - Maintaining Traffic - LUMP	1.00	\$40,000.00	\$40,000.00	\$74,994.00	\$74,994.00	\$90,000.00	\$90,000.00	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00
37 - 614 - Detour Signing - LUMP	1.00	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
38 - 614 - Work Zone Centerline, Class II, As Per Plan - MILE	10.00	\$600.00	\$6,000.00	\$550.00	\$5,500.00	\$550.00	\$5,500.00	\$550.00	\$5,500.00	\$1,100.00	\$11,000.00
39 - 617 - Compacted Aggregate - CY	330.00	\$45.00	\$14,850.00	\$55.00	\$18,150.00	\$40.00	\$13,200.00	\$60.00	\$19,800.00	\$60.00	\$19,800.00
40 - 623 - Construction Layout Stakes and Surveying - LUMP	1.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$100.00	\$100.00	\$14,940.00	\$14,940.00	\$15,000.00	\$15,000.00
41 - 623 - Monument Assembly - Type C - EA	5.00	\$750.00	\$3,750.00	\$950.00	\$4,750.00	\$950.00	\$4,750.00	\$950.00	\$4,750.00	\$750.00	\$3,750.00
42 - 624 - Mobilization - LUMP	1.00	\$30,000.00	\$30,000.00	\$59,588.68	\$59,588.68	\$41,370.57	\$41,370.57	\$45,500.00	\$45,500.00	\$75,000.00	\$75,000.00
43 - 624 - Mobilization - Stone Culvert Repair - LUMP	1.00	\$10,000.00	\$10,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$2,566.00	\$2,566.00	\$12,000.00	\$12,000.00
44 - 626 - Barrier Reflector, Type A-2 - EA	26.00	\$8.00	\$208.00	\$14.00	\$364.00	\$14.00	\$364.00	\$8.00	\$208.00	\$8.00	\$208.00
45 - 630 - Ground Mounted Support, No. 3 Post - FT	112.00	\$12.00	\$1,344.00	\$15.00	\$1,680.00	\$15.00	\$1,680.00	\$15.00	\$1,680.00	\$11.00	\$1,232.00
46 - 630 - Removal of Ground Mounted Sign and Re-erection - EA	8.00	\$30.00	\$240.00	\$50.00	\$400.00	\$50.00	\$400.00	\$50.00	\$400.00	\$75.00	\$600.00
47 - 630 - Removal of Ground Mounted Post Support and Disposal - EA	8.00	\$25.00	\$200.00	\$50.00	\$400.00	\$50.00	\$400.00	\$50.00	\$400.00	\$30.00	\$240.00
48 - 642 - Edge Line, 6-inch, Type 1 - MILE	5.00	\$750.00	\$3,750.00	\$700.00	\$3,500.00	\$700.00	\$3,500.00	\$700.00	\$3,500.00	\$850.00	\$4,250.00
49 - 642 - Centerline, Type 1 - MILE	2.55	\$900.00	\$2,295.00	\$1,100.00	\$2,805.00	\$1,100.00	\$2,805.00	\$1,100.00	\$2,805.00	\$1,200.00	\$3,060.00
50 - 644 - Stop Line - FT	130.00	\$8.00	\$1,040.00	\$10.00	\$1,300.00	\$10.00	\$1,300.00	\$10.00	\$1,300.00	\$10.00	\$1,300.00
51 - 644 - Railroad Symbol, 96-inch - EA	4.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$750.00	\$3,000.00
52 - 659 - Seeding and Mulching, Class 1 - SY	1,100.00	\$3.00	\$3,300.00	\$4.00	\$4,400.00	\$4.00	\$4,400.00	\$4.00	\$4,400.00	\$4.00	\$4,400.00
53 - 832 - Erosion Control - EA	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
54 - 875 - Longitudinal Joint Adhesive - LBS	3,365.00	\$2.25	\$7,571.25	\$0.65	\$2,187.25	\$1.50	\$5,047.50	\$3.00	\$10,095.00	\$2.00	\$6,730.00
55 - SPECIAL - Reinforced Paving Mat - SY	7,035.00	\$13.00	\$91,455.00	\$8.66	\$60,923.10	\$8.66	\$60,923.10	\$9.00	\$63,315.00	\$6.00	\$42,210.00
56 - SPECIAL - Hybrid Interlayer Paving Mat - SY	34,560.00	\$5.00	\$172,800.00	\$4.92	\$170,035.20	\$4.92	\$170,035.20	\$5.00	\$172,800.00	\$4.92	\$170,035.20
57 - SPECIAL - Mailbox, Remove and Re-erect - EA	107.00	\$110.00	\$11,770.00	\$60.00	\$6,420.00	\$100.00	\$10,700.00	\$115.00	\$12,305.00	\$100.00	\$10,700.00
58 - SPECIAL - Pothole Existing Utilities - EA	4.00	\$500.00	\$2,000.00	\$100.00	\$400.00	\$400.00	\$1,600.00	\$100.00	\$400.00	\$200.00	\$800.00
59 - SPECIAL - Pre-Construction Video - LUMP	1.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
60 - SPECIAL - Sandstone Removal and Reset, As Per Plan - LUMP	1.00	\$25,000.00	\$25,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$20,000.00	\$20,000.00
61 - SPECIAL - Professional Liability Insurance - LUMP	1.00	\$20,000.00	\$20,000.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
62 - SPECIAL - Premium for Contract Performance Bond, Payment Bond and Maintenance Bond - LUMP	1.00	\$20,000.00	\$20,000.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$13,000.00	\$13,000.00	\$55,000.00	\$55,000.00
62 Items	Totals		\$1,889,371.25		\$1,847,002.36		\$1,875,000.00		\$1,887,807.00		\$2,140,112.70