



Ohio Department of Transportation
Official Bid Tabulation
Jerry Wray, Director

Project No. 180508
PID 98394
LOR-SR 18-00.00
Federal
Type: TWO LANE RESURFACING
Letting Date: 9/27/2018
Completion Date: 7/31/2019

Contract Awarded To: KARVO COMPANIES INC
Award Amount: \$3,367,452.56
Engineer's Estimate: \$3,738,000.00

Bidder 1

KARVO COMPANIES INC
4524 HUDSON DR

STOW, OH 44224-1702
Bid \$3,367,452.56

Bidder 3

ERIE BLACKTOP INC
4507 TIFFIN AVE
Erie
SANDUSKY, OH 44870
Bid \$3,494,986.15

Bidder 2

KOKOSING CONSTRUCTION COMPANY INC
6235 WESTERVILLE RD
Franklin
WESTERVILLE, OH 43081
Bid \$3,399,352.81

Bidder 4

CHAGRIN VALLEY PAVING INC
17290 MUNN RD
Geauga
CHAGRIN FALLS, OH 44023
Bid \$3,775,450.30

Ref #1	202E30000	WALK REMOVED, (801 SF)	
	Awd	\$6.70	\$5,366.70
	2	\$3.95	\$3,163.95
	3	\$4.15	\$3,324.15
	4	\$5.00	\$4,005.00
Ref #2	202E32000	CURB REMOVED, (3092 FT)	
	Awd	\$7.45	\$23,035.40
	2	\$6.85	\$21,180.20
	3	\$7.20	\$22,262.40
	4	\$6.00	\$18,552.00
Ref #3	202E38000	GUARDRAIL REMOVED, (37.5 FT)	
	Awd	\$2.40	\$90.00
	2	\$2.40	\$90.00
	3	\$2.50	\$93.75
	4	\$2.40	\$90.00
Ref #4	202E38201	GUARDRAIL REMOVED FOR REUSE, AS PER PLAN, (150 FT)	
	Awd	\$7.80	\$1,170.00
	2	\$7.80	\$1,170.00
	3	\$8.20	\$1,230.00
	4	\$7.80	\$1,170.00
Ref #5	202E42050	ANCHOR ASSEMBLY REMOVED, TYPE B, (1 EACH)	
	Awd	\$150.00	\$150.00
	2	\$150.00	\$150.00
	3	\$157.50	\$157.50
	4	\$150.00	\$150.00
Ref #6	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED, (3 EACH)	
	Awd	\$95.00	\$285.00
	2	\$95.00	\$285.00
	3	\$100.00	\$300.00
	4	\$95.00	\$285.00
Ref #7	203E20001	EMBANKMENT, AS PER PLAN, (8 CY)	
	Awd	\$122.00	\$976.00
	2	\$122.00	\$976.00
	3	\$128.00	\$1,024.00
	4	\$122.00	\$976.00
Ref #8	209E15000	RESHAPING UNDER GUARDRAIL, (3.44 STA)	
	Awd	\$50.00	\$172.00
	2	\$50.00	\$172.00
	3	\$52.50	\$180.60
	4	\$50.00	\$172.00
Ref #9	209E72000	PREPARING SUBGRADE FOR SHOULDER PAVING, (1295 STA)	
	Awd	\$25.65	\$33,216.75
	2	\$27.25	\$35,288.75
	3	\$25.00	\$32,375.00
	4	\$25.00	\$32,375.00
Ref #10	209E80000	GRADING MAILBOX APPROACHES, (13 EACH)	
	Awd	\$90.00	\$1,170.00
	2	\$5.00	\$65.00
	3	\$175.00	\$2,275.00
	4	\$100.00	\$1,300.00

Ref #11	606E16550	GUARDRAIL REBUILT, TYPE 5, USING 9 FOOT POSTS, (150 FT)	
	Awd	\$13.10	\$1,965.00
	2	\$13.10	\$1,965.00
	3	\$13.75	\$2,062.50
	4	\$13.10	\$1,965.00
Ref #12	606E26100	ANCHOR ASSEMBLY, TYPE E, (1 EACH)	
	Awd	\$2,135.00	\$2,135.00
	2	\$2,135.00	\$2,135.00
	3	\$2,250.00	\$2,250.00
	4	\$2,135.00	\$2,135.00
Ref #13	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4, (3 EACH)	
	Awd	\$775.00	\$2,325.00
	2	\$775.00	\$2,325.00
	3	\$815.00	\$2,445.00
	4	\$775.00	\$2,325.00
Ref #14	608E10000	4" CONCRETE WALK, (590 SF)	
	Awd	\$7.50	\$4,425.00
	2	\$8.50	\$5,015.00
	3	\$8.95	\$5,280.50
	4	\$11.00	\$6,490.00
Ref #15	608E52000	CURB RAMP, (211 SF)	
	Awd	\$15.00	\$3,165.00
	2	\$8.50	\$1,793.50
	3	\$8.95	\$1,888.45
	4	\$20.00	\$4,220.00
Ref #16	608E53020	DETECTABLE WARNING, (136 SF)	
	Awd	\$36.00	\$4,896.00
	2	\$28.00	\$3,808.00
	3	\$29.40	\$3,998.40
	4	\$35.00	\$4,760.00
Ref #17	609E26000	CURB, TYPE 6, (3062 FT)	
	Awd	\$14.00	\$42,868.00
	2	\$9.95	\$30,466.90
	3	\$10.45	\$31,997.90
	4	\$15.00	\$45,930.00
Ref #18	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE, (9 EACH)	
	Awd	\$135.00	\$1,215.00
	2	\$135.00	\$1,215.00
	3	\$142.00	\$1,278.00
	4	\$135.00	\$1,215.00
Ref #19	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE, (1 EACH)	
	Awd	\$260.00	\$260.00
	2	\$260.00	\$260.00
	3	\$275.00	\$275.00
	4	\$260.00	\$260.00

Section 1 - ROADWAY - Totals

Awd	\$128,885.85
2	\$111,524.30
3	\$114,698.15
4	\$128,375.00

Ref #20	670E00500	SLOPE EROSION PROTECTION-660.02, (2000 SY)	
	Awd	\$3.15	\$6,300.00
	2	\$3.15	\$6,300.00
	3	\$3.30	\$6,600.00
	4	\$3.15	\$6,300.00

Section 2 - EROSION CONTROL - Totals

Awd	\$6,300.00
2	\$6,300.00
3	\$6,600.00
4	\$6,300.00

Ref #21	611E98630	CATCH BASIN ADJUSTED TO GRADE, (32 EACH)	
	Awd	\$875.00	\$28,000.00
	2	\$540.00	\$17,280.00
	3	\$775.00	\$24,800.00
	4	\$750.00	\$24,000.00

Ref #22	611E99150	INLET ADJUSTED TO GRADE, (5 EACH)	
	Awd	\$1,200.00	\$6,000.00
	2	\$540.00	\$2,700.00
	3	\$1,100.00	\$5,500.00
	4	\$1,500.00	\$7,500.00

Ref #23	611E99654	MANHOLE ADJUSTED TO GRADE, (4 EACH)	
	Awd	\$850.00	\$3,400.00
	2	\$540.00	\$2,160.00
	3	\$700.00	\$2,800.00
	4	\$600.00	\$2,400.00

Section 3 - DRAINAGE - Totals

Awd	\$37,400.00
2	\$22,140.00
3	\$33,100.00
4	\$33,900.00

Ref #24	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BA, (2000 CY)	
	Awd	\$183.00	\$366,000.00
	2	\$125.00	\$250,000.00
	3	\$190.00	\$380,000.00
	4	\$178.00	\$356,000.00

Ref #25	253E02000	PAVEMENT REPAIR, (700 CY)	
	Awd	\$180.00	\$126,000.00
	2	\$145.00	\$101,500.00
	3	\$240.00	\$168,000.00
	4	\$178.00	\$124,600.00

Ref #26	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.50"), (259063 SY)	
	Awd	\$0.80	\$207,250.40
	2	\$0.75	\$194,297.25
	3	\$0.85	\$220,203.55
	4	\$1.00	\$259,063.00

Ref #27	254E01600	PATCHING PLANED SURFACE, (1297 SY)	
	Awd	\$0.50	\$648.50
	2	\$1.00	\$1,297.00
	3	\$7.50	\$9,727.50
	4	\$10.00	\$12,970.00
Ref #28	407E10000	TACK COAT (0.08 GAL/SY), (17666 GAL)	
	Awd	\$1.80	\$31,798.80
	2	\$1.95	\$34,448.70
	3	\$2.45	\$43,281.70
	4	\$2.00	\$35,332.00
Ref #29	407E20000	NON-TRACKING TACK COAT (0.08 GAL/SY), (3064 GAL)	
	Awd	\$2.90	\$8,885.60
	2	\$2.40	\$7,353.60
	3	\$2.45	\$7,506.80
	4	\$2.00	\$6,128.00
Ref #30	408E10000	PRIME COAT (0.04 GAL/SY), (11507 GAL)	
	Awd	\$3.50	\$40,274.50
	2	\$3.30	\$37,973.10
	3	\$4.00	\$46,028.00
	4	\$2.00	\$23,014.00
Ref #31	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (, (10794 CY)	
	Awd	\$163.00	\$1,759,422.00
	2	\$175.00	\$1,888,950.00
	3	\$166.00	\$1,791,804.00
	4	\$170.00	\$1,834,980.00
Ref #32	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (, (357 CY)	
	Awd	\$163.00	\$58,191.00
	2	\$175.00	\$62,475.00
	3	\$166.00	\$59,262.00
	4	\$170.00	\$60,690.00
Ref #33	617E10100	COMPACTED AGGREGATE, (1764 CY)	
	Awd	\$28.50	\$50,274.00
	2	\$28.00	\$49,392.00
	3	\$30.00	\$52,920.00
	4	\$55.00	\$97,020.00
Ref #34	618E41000	EDGE LINE, RUMBLE STRIPE (ASPHALT CONCRETE), (25.24 MILE)	
	Awd	\$750.00	\$18,930.00
	2	\$750.00	\$18,930.00
	3	\$685.00	\$17,289.40
	4	\$750.00	\$18,930.00
Section 4 - PAVEMENT - Totals			
	Awd		\$2,667,674.80
	2		\$2,646,616.65
	3		\$2,796,022.95
	4		\$2,828,727.00
Ref #35	621E00100	RPM, (820 EACH)	
	Awd	\$20.15	\$16,523.00
	2	\$20.50	\$16,810.00
	3	\$21.50	\$17,630.00
	4	\$20.50	\$16,810.00

Ref #36	621E54000	RAISED PAVEMENT MARKER REMOVED, (809 EACH)	
	Awd	\$1.95	\$1,577.55
	2	\$6.50	\$5,258.50
	3	\$7.50	\$6,067.50
	4	\$1.00	\$809.00
Ref #37	626E00110	BARRIER REFLECTOR, TYPE 2 BIDIRECTIONAL, (51 EACH)	
	Awd	\$7.00	\$357.00
	2	\$7.00	\$357.00
	3	\$7.35	\$374.85
	4	\$7.00	\$357.00
Ref #38	642E00094	EDGE LINE, 6", (27.84 MILE)	
	Awd	\$615.00	\$17,121.60
	2	\$615.00	\$17,121.60
	3	\$740.00	\$20,601.60
	4	\$615.00	\$17,121.60
Ref #39	642E00290	CENTER LINE, (13.88 MILE)	
	Awd	\$725.00	\$10,063.00
	2	\$725.00	\$10,063.00
	3	\$840.00	\$11,659.20
	4	\$725.00	\$10,063.00
Ref #40	644E00400	CHANNELIZING LINE, 8", (120 FT)	
	Awd	\$2.00	\$240.00
	2	\$2.00	\$240.00
	3	\$1.30	\$156.00
	4	\$2.00	\$240.00
Ref #41	644E00500	STOP LINE, (552 FT)	
	Awd	\$6.25	\$3,450.00
	2	\$6.25	\$3,450.00
	3	\$6.30	\$3,477.60
	4	\$6.25	\$3,450.00
Ref #42	644E00601	CROSSWALK LINE, AS PER PLAN, (361 FT)	
	Awd	\$8.50	\$3,068.50
	2	\$8.50	\$3,068.50
	3	\$10.25	\$3,700.25
	4	\$8.50	\$3,068.50
Ref #43	644E01000	RAILROAD SYMBOL MARKING, (4 EACH)	
	Awd	\$550.00	\$2,200.00
	2	\$550.00	\$2,200.00
	3	\$525.00	\$2,100.00
	4	\$550.00	\$2,200.00
Ref #44	644E01110	SCHOOL SYMBOL MARKING, 96", (2 EACH)	
	Awd	\$290.00	\$580.00
	2	\$290.00	\$580.00
	3	\$630.00	\$1,260.00
	4	\$290.00	\$580.00
Ref #45	644E01300	LANE ARROW, (4 EACH)	
	Awd	\$125.00	\$500.00
	2	\$125.00	\$500.00
	3	\$131.00	\$524.00
	4	\$125.00	\$500.00

Ref #46	645E40000	SPECIAL - AIR SPEED ZONE MARKING, (1 EACH)	
	Awd	\$1,250.00	\$1,250.00
	2	\$2,850.00	\$2,850.00
	3	\$2,730.00	\$2,730.00
	4	\$1,250.00	\$1,250.00
Ref #47	646E10010	EDGE LINE, 6", (0.08 MILE)	
	Awd	\$55,000.00	\$4,400.00
	2	\$75,000.00	\$6,000.00
	3	\$18,375.00	\$1,470.00
	4	\$68,445.00	\$5,475.60
Ref #48	646E10200	CENTER LINE, (0.08 MILE)	
	Awd	\$56,000.00	\$4,480.00
	2	\$75,000.00	\$6,000.00
	3	\$26,250.00	\$2,100.00
	4	\$68,445.00	\$5,475.60
Section 5 - TRAFFIC CONTROL - Totals			
	Awd		\$65,810.65
	2		\$74,498.60
	3		\$73,851.00
	4		\$67,400.30
Ref #49	625E31510	PULL BOX REMOVED, (8 EACH)	
	Awd	\$400.00	\$3,200.00
	2	\$330.00	\$2,640.00
	3	\$420.00	\$3,360.00
	4	\$400.00	\$3,200.00
Ref #50	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM:LOOP , (1 EACH)	
	Awd	\$2,500.00	\$2,500.00
	2	\$1,500.00	\$1,500.00
	3	\$2,625.00	\$2,625.00
	4	\$2,500.00	\$2,500.00
Ref #51	632E90500	SIGNALIZATION, MISC.:UNLASH AND RELASH MESSENGER W, (120 FT)	
	Awd	\$9.00	\$1,080.00
	2	\$7.50	\$900.00
	3	\$9.45	\$1,134.00
	4	\$9.00	\$1,080.00
Ref #52	809E69000	ADVANCE RADAR DETECTION, (2 EACH)	
	Awd	\$7,800.00	\$15,600.00
	2	\$7,410.00	\$14,820.00
	3	\$8,190.00	\$16,380.00
	4	\$7,800.00	\$15,600.00
Ref #53	809E69100	STOP LINE RADAR DETECTION, (2 EACH)	
	Awd	\$7,800.00	\$15,600.00
	2	\$6,810.00	\$13,620.00
	3	\$7,875.00	\$15,750.00
	4	\$7,500.00	\$15,000.00

Section 6 - TRAFFIC SIGNALS - Totals

Awd	\$37,980.00
2	\$33,480.00
3	\$39,249.00
4	\$37,380.00

Ref #54	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (80 HOUR)	
	Awd	\$65.00	\$5,200.00
	2	\$55.00	\$4,400.00
	3	\$63.00	\$5,040.00
	4	\$60.00	\$4,800.00

Ref #55	614E12460	WORK ZONE MARKING SIGN, (62 EACH)	
	Awd	\$62.00	\$3,844.00
	2	\$62.00	\$3,844.00
	3	\$65.00	\$4,030.00
	4	\$62.00	\$3,844.00

Ref #56	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, (25 CY)	
	Awd	\$195.00	\$4,875.00
	2	\$125.00	\$3,125.00
	3	\$260.00	\$6,500.00
	4	\$200.00	\$5,000.00

Ref #57	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT, (13.88 MILE)	
	Awd	\$925.00	\$12,839.00
	2	\$1,200.00	\$16,656.00
	3	\$945.00	\$13,116.60
	4	\$925.00	\$12,839.00

Ref #58	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PA, (120 FT)	
	Awd	\$0.50	\$60.00
	2	\$0.50	\$60.00
	3	\$1.00	\$120.00
	4	\$0.50	\$60.00

Ref #59	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT, (552 FT)	
	Awd	\$3.00	\$1,656.00
	2	\$3.00	\$1,656.00
	3	\$3.15	\$1,738.80
	4	\$3.00	\$1,656.00

Section 7 - MAINTENANCE OF TRAFFIC - Totals

Awd	\$28,474.00
2	\$29,741.00
3	\$30,545.40
4	\$28,199.00

Ref #60	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, (6 CY)	
	Awd	\$1,115.00	\$6,690.00
	2	\$1,115.00	\$6,690.00
	3	\$1,170.00	\$7,020.00
	4	\$1,200.00	\$7,200.00

Ref #61	202E98200	REMOVAL MISC.: JOINT SEALER, (90 FT)	
	Awd	\$3.60	\$324.00
	2	\$3.60	\$324.00
	3	\$3.75	\$337.50
	4	\$4.00	\$360.00
Ref #62	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINT, (91 FT)	
	Awd	\$28.30	\$2,575.30
	2	\$28.30	\$2,575.30
	3	\$29.75	\$2,707.25
	4	\$29.00	\$2,639.00
Ref #63	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (APPROACH SLAB , (3 CY)	
	Awd	\$1,680.00	\$5,040.00
	2	\$1,680.00	\$5,040.00
	3	\$1,765.00	\$5,295.00
	4	\$2,000.00	\$6,000.00
Ref #64	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (BACKWALL REPAI, (1 CY)	
	Awd	\$2,667.00	\$2,667.00
	2	\$2,667.00	\$2,667.00
	3	\$2,800.00	\$2,800.00
	4	\$3,000.00	\$3,000.00
Ref #65	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (BRIDGE DECK RE, (3 CY)	
	Awd	\$1,680.00	\$5,040.00
	2	\$1,680.00	\$5,040.00
	3	\$1,765.00	\$5,295.00
	4	\$2,000.00	\$6,000.00
Ref #66	512E33300	TYPE A WATERPROOFING, (2 SY)	
	Awd	\$477.00	\$954.00
	2	\$477.00	\$954.00
	3	\$500.00	\$1,000.00
	4	\$500.00	\$1,000.00
Ref #67	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RE, (448 SY)	
	Awd	\$10.77	\$4,824.96
	2	\$10.77	\$4,824.96
	3	\$11.30	\$5,062.40
	4	\$15.00	\$6,720.00
Ref #68	516E31000	JOINT SEALER, (90 FT)	
	Awd	\$28.30	\$2,547.00
	2	\$28.30	\$2,547.00
	3	\$29.75	\$2,677.50
	4	\$30.00	\$2,700.00
Ref #69	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING, (187.5 FT)	
	Awd	\$89.20	\$16,725.00
	2	\$85.60	\$16,050.00
	3	\$90.00	\$16,875.00
	4	\$85.60	\$16,050.00
Ref #70	519E11100	PATCHING CONCRETE STRUCTURE, (200 SF)	
	Awd	\$86.20	\$17,240.00
	2	\$86.20	\$17,240.00
	3	\$90.50	\$18,100.00
	4	\$120.00	\$24,000.00

Section 8 - STRUCTURE REPAIR (LOR-18-0715 SFN 470180 - Totals

Awd	\$64,627.26
2	\$63,952.26
3	\$67,169.65
4	\$75,669.00

Ref #71	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)	
	Awd	\$20,000.00	\$20,000.00
	2	\$14,000.00	\$14,000.00
	3	\$20,000.00	\$20,000.00
	4	\$25,000.00	\$25,000.00

Ref #72	614E11000	MAINTAINING TRAFFIC, (LUMP SUM)	
	Awd	\$190,000.00	\$190,000.00
	2	\$285,800.00	\$285,800.00
	3	\$195,000.00	\$195,000.00
	4	\$350,000.00	\$350,000.00

Ref #73	619E16010	FIELD OFFICE, TYPE B, (3 MNTH)	
	Awd	\$2,000.00	\$6,000.00
	2	\$1,600.00	\$4,800.00
	3	\$2,250.00	\$6,750.00
	4	\$2,000.00	\$6,000.00

Ref #74	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)	
	Awd	\$4,300.00	\$4,300.00
	2	\$4,000.00	\$4,000.00
	3	\$6,500.00	\$6,500.00
	4	\$1,500.00	\$1,500.00

Ref #75	624E10000	MOBILIZATION, (LUMP SUM)	
	Awd	\$105,000.00	\$105,000.00
	2	\$100,000.00	\$100,000.00
	3	\$100,000.00	\$100,000.00
	4	\$182,000.00	\$182,000.00

Ref #100	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY , (LUMP SUM)	
	Awd	\$5,000.00	\$5,000.00
	2	\$2,500.00	\$2,500.00
	3	\$5,500.00	\$5,500.00
	4	\$5,000.00	\$5,000.00

Section 9 - INCIDENTALS - Totals

Awd	\$330,300.00
2	\$411,100.00
3	\$333,750.00
4	\$569,500.00