EXHIBIT "A" TO ORDINANCE NO. 12-17

Prepared by Chagrin Valley Engineering, Ltd.

BID TABULATION
CASE ROAD & NAGEL ROAD PAVEMENT RESURFACING PROJECT
CITY OF AVON
DATE: FEBRUARY 16, 2017

CVE JOB NO. **16411** Base Est. $1,058,050.00 / Alt. Est. $250,590.00

ITEM	DESCRIPTION	UNIT	QTY.	KARVO COMPANIES, INC. UNIT PRICE	KARVO COMPANIES, INC. TOTAL PRICE	CHAGRIN VALLEY PAVING, INC. UNIT PRICE	CHAGRIN VALLEY PAVING, INC. TOTAL PRICE	PRECISION PAVING, INC. UNIT PRICE	PRECISION PAVING, INC. TOTAL PRICE
1	ODOT 251 PARTIAL DEPTH PAVEMENT REPAIR	SY	2,540	$11.45	$29,083.00	$14.00	$35,560.00	$16.00	$40,640.00
2	ODOT 253 FULL DEPTH PAVEMENT REPAIR	SY	2,540	$36.00	$91,440.00	$38.00	$96,520.00	$50.00	$127,000.00
3	ODOT 254 PAVEMENT PLANING, ASPHALT CONCRETE & PORTLAND CEMENT CONCRETE	SY	32,580	$1.80	$58,644.00	$2.00	$65,160.00	$2.00	$65,160.00
4	ODOT 411 STABILIZED CRUSHED AGGREGATE	CY	803	$75.00	$60,225.00	$50.00	$40,150.00	$65.00	$52,195.00
5	ODOT 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	CY	1,135	$155.00	$175,925.00	$155.00	$175,925.00	$162.00	$183,870.00
6	ODOT 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22	CY	1,585	$124.00	$196,540.00	$150.00	$237,750.00	$122.00	$193,370.00
7	24" STORM SEWER	FT	61	$193.00	$11,773.00	$200.00	$12,200.00	$180.00	$10,980.00
8	STORM MANHOLE	EACH	1	$2,500.00	$2,500.00	$5,000.00	$5,000.00	$2,100.00	$2,100.00
9	VALVE BOX ADJUST TO GRADE	EACH	5	$700.00	$3,500.00	$600.00	$3,000.00	$175.00	$875.00
10	MONUMENT BOX ADJUSTED TO GRADE	EACH	9	$685.00	$6,165.00	$600.00	$5,400.00	$295.00	$2,655.00
11	MISCELLANEOUS METAL	LBS	500	$1.00	$500.00	$1.50	$750.00	$1.00	$500.00
12	MAINTENANCE OF TRAFFIC	LUMP	1	$75,000.00	$75,000.00	$95,000.00	$95,000.00	$46,000.00	$46,000.00
13	REMOVE AND REPLACE EXISTING LOOP DETECTOR	LUMP	1	$2,500.00	$2,500.00	$2,200.00	$2,200.00	$2,600.00	$2,600.00
14	PAVEMENT MARKINGS	LUMP	1	$7,700.00	$7,700.00	$12,000.00	$12,000.00	$16,275.00	$16,275.00
15	GENERAL CONSTRUCTION CONTINGENCY ALLOWANCE	LUMP	1	$90,000.00	$90,000.00	$90,000.00	$90,000.00	$90,000.00	$90,000.00
16	INSPECTION ALLOWANCE	LUMP	1	$60,000.00	$60,000.00	$60,000.00	$60,000.00	$60,000.00	$60,000.00
17	CONSTRUCTION STAKING ALLOWANCE	LUMP	1	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00
18	ODOT 304 AGGREGATE BASE (FULL DEPTH PAVEMENT	CY	850	$29.00	$24,650.00	$25.00	$21,250.00	$75.00	$63,750.00
	TOTAL PROJECT COST			**TOTAL**	**$906,145.00**	**TOTAL**	**$967,865.00**	**TOTAL**	**$967,970.00**
				DAYS TO COMPLETE: 60 DAYS		DAYS TO COMPLETE: 90 DAYS		DAYS TO COMPLETE: 30	
				EARLIEST START DATE: MAY 1ST, 2017		EARLIEST START DATE: 4/3/17		EARLIEST START DATE: MAY 1, 2017	
	ALTERNATE BID - CASE ROAD PAVEMENT WIDENING								
A1	PAVEMENT AND STRUCTURE REMOVAL	LUMP	1	$10,500.00	$10,500.00	$56,000.00	$56,000.00	$38,000.00	$38,000.00
A2	EXCAVATION AND EMBANKMENT	LUMP	1	$28,500.00	$28,500.00	$56,000.00	$56,000.00	$305,000.00	$305,000.00
A3	SUBGRADE COMPACTION	SY	2,670	$0.40	$1,068.00	$1.00	$2,670.00	$1.00	$2,670.00
A4	ODOT 301 ASPHALT CONCRETE BASE,	CY	480	$131.00	$62,880.00	$125.00	$60,000.00	$130.00	$62,400.00
A5	ODOT 304 AGGREGATE BASE	CY	445	$60.00	$26,700.00	$55.00	$24,475.00	$70.00	$31,150.00
A6	ODOT 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	CY	65	$162.00	$10,530.00	$155.00	$10,075.00	$162.00	$10,530.00
A7	ODOT 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22	CY	90	$131.00	$11,790.00	$150.00	$13,500.00	$122.00	$10,980.00
A8	GUARDRAIL, TYPE MGS AND ANCHOR ASSEMBLY, TYPE E	LF	225	$32.20	$7,245.00	$32.20	$7,245.00	$34.00	$7,650.00
A9	JOINT REPAIR WITH FABRIC	SF	18,600	$1.90	$35,340.00	$1.88	$34,968.00	$2.10	$39,060.00
A10	6" STORM SEWER	FT	15	$61.00	$915.00	$40.00	$600.00	$60.00	$900.00
A11	12" STORM SEWER	FT	70	$93.00	$6,510.00	$50.00	$3,500.00	$47.00	$3,290.00
A12	CATCH BASIN 2-2B	EACH	2	$1,950.00	$3,900.00	$1,000.00	$2,000.00	$1,650.00	$3,300.00
A13	12" DIAMETER OPTION B YARD DRAIN	EACH	3	$1,250.00	$3,750.00	$1,000.00	$3,000.00	$1,300.00	$3,900.00
A14	CATCH BASIN ADJUSTED TO GRADE	EACH	3	$2,000.00	$6,000.00	$1,250.00	$3,750.00	$1,000.00	$3,000.00
	TOTAL ALTERNATE PROJECT COST			**ALT TOTAL**	**$215,628.00**	**ALT TOTAL**	**$277,783.00**	**ALT TOTAL**	**$521,830.00**
				DAYS TO COMPLETE: 60 DAYS		DAYS TO COMPLETE: 90 DAYS		DAYS TO COMPLETE: 30	
				EARLIEST START DATE: MAY 1ST, 2017		EARLIEST START DATE: 4/3/17		EARLIEST START DATE: MAY 1, 2017	

ITEM	DESCRIPTION	UNIT	QTY.	CROSS ROADS ASPHALT RECYCLING, INC.		BARBICAS PAVING, LLC.		BURTON SCOT CONTRACTORS, LLC	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	ODOT 251 PARTIAL DEPTH PAVEMENT REPAIR	SY	2,540	$24.00	$60,960.00	$20.00	$50,800.00	$23.00	$58,420.00
2	ODOT 253 FULL DEPTH PAVEMENT REPAIR	SY	2,540	$40.00	$101,600.00	$50.00	$127,000.00	$48.00	$121,920.00
3	ODOT 254 PAVEMENT PLANING, ASPHALT CONCRETE & PORTLAND CEMENT CONCRETE	SY	32,580	$3.00	$97,740.00	$4.65	$151,497.00	$1.70	$55,386.00
4	ODOT 411 STABILIZED CRUSHED AGGREGATE	CY	803	$62.00	$49,786.00	$66.00	$52,998.00	$80.00	$64,240.00
5	ODOT 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	CY	1,135	$171.00	$194,085.00	$175.00	$198,625.00	$189.00	$214,515.00
6	ODOT 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22	CY	1,585	$135.00	$213,975.00	$155.00	$245,675.00	$140.00	$221,900.00
7	24" STORM SEWER	FT	61	$290.00	$17,690.00	$182.00	$11,102.00	$260.00	$15,860.00
8	STORM MANHOLE	EACH	1	$7,500.00	$7,500.00	$3,500.00	$3,500.00	$6,000.00	$6,000.00
9	VALVE BOX ADJUST TO GRADE	EACH	5	$325.00	$1,625.00	$175.00	$875.00	$575.00	$2,875.00
10	MONUMENT BOX ADJUSTED TO GRADE	EACH	9	$360.00	$3,240.00	$425.00	$3,825.00	$625.00	$5,625.00
11	MISCELLANEOUS METAL	LBS	500	$1.00	$500.00	$1.20	$600.00	$3.00	$1,500.00
12	MAINTENANCE OF TRAFFIC	LUMP	1	$59,400.00	$59,400.00	$65,000.00	$65,000.00	$153,400.00	$153,400.00
13	REMOVE AND REPLACE EXISTING LOOP DETECTOR	LUMP	1	$1,300.00	$1,300.00	$2,500.00	$2,500.00	$2,500.00	$2,500.00
14	PAVEMENT MARKINGS	LUMP	1	$15,500.00	$15,500.00	$15,500.00	$15,500.00	$12,000.00	$12,000.00
15	GENERAL CONSTRUCTION CONTINGENCY ALLOWANCE	LUMP	1	$90,000.00	$90,000.00	$90,000.00	$90,000.00	$90,000.00	$90,000.00
16	INSPECTION ALLOWANCE	LUMP	1	$60,000.00	$60,000.00	$60,000.00	$60,000.00	$60,000.00	$60,000.00
17	CONSTRUCTION STAKING ALLOWANCE	LUMP	1	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00
18	ODOT 304 AGGREGATE BASE (FULL DEPTH PAVEMENT	CY	850	$60.00	$51,000.00	$42.00	$35,700.00	$80.00	$68,000.00
	TOTAL PROJECT COST			**TOTAL**	**$1,035,901.00**	**TOTAL**	**$1,125,197.00**	**TOTAL**	**$1,164,141.00**
				DAYS TO COMPLETE: 90 DAYS		DAYS TO COMPLETE: 50		DAYS TO COMPLETE: 60 DAYS	
				EARLIEST START DATE: APRIL 1, 2017		EARLIEST START DATE: APRIL 17, 2017		EARLIEST START DATE: APRIL 3, 2017	
	ALTERNATE BID - CASE ROAD PAVEMENT WIDENING								
A1	PAVEMENT AND STRUCTURE REMOVAL	LUMP	1	$26,200.00	$26,200.00	$15,000.00	$15,000.00	$35,000.00	$35,000.00
A2	EXCAVATION AND EMBANKMENT	LUMP	1	$98,000.00	$98,000.00	$35,000.00	$35,000.00	$24,000.00	$24,000.00
A3	SUBGRADE COMPACTION	SY	2,670	$2.00	$5,340.00	$0.51	$1,361.70	$2.25	$6,007.50
A4	ODOT 301 ASPHALT CONCRETE BASE, PG 64-22	CY	480	$188.00	$90,240.00	$221.00	$106,080.00	$135.00	$64,800.00
A5	ODOT 304 AGGREGATE BASE	CY	445	$72.00	$32,040.00	$45.00	$20,025.00	$72.00	$32,040.00
A6	ODOT 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	CY	65	$165.00	$10,725.00	$365.00	$23,725.00	$180.00	$11,700.00
A7	ODOT 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22	CY	90	$130.00	$11,700.00	$225.00	$20,250.00	$145.00	$13,050.00
A8	GUARDRAIL, TYPE MGS AND ANCHOR ASSEMBLY, TYPE E	LF	225	$32.20	$7,245.00	$32.20	$7,245.00	$32.20	$7,245.00
A9	JOINT REPAIR WITH FABRIC	SF	18,600	$1.88	$34,968.00	$2.00	$37,200.00	$1.90	$35,340.00
A10	6" STORM SEWER	FT	15	$42.00	$630.00	$15.00	$225.00	$175.00	$2,625.00
A11	12" STORM SEWER	FT	70	$76.00	$5,320.00	$42.00	$2,940.00	$120.00	$8,400.00
A12	CATCH BASIN 2-2B	EACH	2	$2,085.00	$4,170.00	$1,800.00	$3,600.00	$2,600.00	$5,200.00
A13	12" DIAMETER OPTION B YARD DRAIN	EACH	3	$1,025.00	$3,075.00	$650.00	$1,950.00	$950.00	$2,850.00
A14	CATCH BASIN ADJUSTED TO GRADE	EACH	3	$1,000.00	$3,000.00	$950.00	$2,850.00	$1,400.00	$4,200.00
	TOTAL ALTERNATE PROJECT COST			**ALT TOTAL**	**$332,653.00**	**ALT TOTAL**	**$277,451.70**	**ALT TOTAL**	**$252,457.50**
				DAYS TO COMPLETE: 90 DAYS		DAYS TO COMPLETE: 50		DAYS TO COMPLETE: 60 DAYS	
				EARLIEST START DATE: APRIL 1, 2017		EARLIEST START DATE: APRIL 17, 2017		EARLIEST START DATE: APRIL 3, 2017	