

RESOLUTION NUMBER 5231

A RESOLUTION ACCEPTING A BID FOR CROSSHAVEN DRIVE IMPROVEMENT PROJECT AND AUTHORIZING THE CITY MANAGER TO TAKE ALL ACTIONS NECESSARY TO SECURE SAID CONSTRUCTION

WHEREAS, Invitation to Bids were invited and publically read on March 10, 2020 at 2:00 PM for Crosshaven Drive Improvement Project with two bids received; and

WHEREAS, a copy of the official bid tabulation is marked as Exhibit A and is attached to and incorporated into this Resolution Number 5231 as if written fully therein; and

WHEREAS, recommendation was made in a memorandum dated March 26, 2020 from the TCU Consulting recommend acceptance of the base bid package submitted by Tortorigi Construction Inc, a copy of said memo is marked as Exhibit B and is attached to and incorporated into this Resolution Number 5231 as if written fully therein; and

WHEREAS, the Mayor and the City Council feel it is in the best interest of the public to accept said bid as recommended.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL AS FOLLOWS:

1. The bid submitted by Tortorigi Construction Inc., is hereby accepted; and
2. The City Manager is hereby authorized to take all actions necessary in order to secure said construction; and
3. This Resolution number 5231 shall become effective immediately upon adoption and approval.

ADOPTED and APPROVED this the 30th day of March, 2020.

Ashley C. Curry
Mayor

ATTESTED BY:

Rebecca Leavings
City Clerk

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

					ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	1	LUMP SUM	201A-002	CLEARING & GRUBBING (MAX ALLOWABLE BID \$4000 PER ACRE) (APPROXIMATELY 2 ACRES)	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
2	166	SQUARE YARD	206C-000	REMOVING CONCRETE SIDEWALK	\$22.50	\$3,735.00	\$12.00	\$1,992.00	\$13.66	\$2,267.56
3	16	SQUARE YARD	206C-002	REMOVING CONCRETE SLOPE PAVING	\$46.50	\$744.00	\$35.00	\$560.00	\$22.39	\$358.24
4	4	SQUARE YARD	206C-003	REMOVING CONCRETE FLUMES	\$16.00	\$64.00	\$35.00	\$140.00	\$18.44	\$73.76
5	1166	SQUARE YARD	206C-010	REMOVING CONCRETE DRIVEWAY	\$11.00	\$12,826.00	\$12.00	\$13,992.00	\$12.95	\$15,099.70
6	2505	LINEAR FOOT	206D-000	REMOVING PIPE	\$11.00	\$27,555.00	\$35.00	\$87,675.00	\$58.29	\$146,016.45
7	1506	LINEAR FOOT	206D-003	REMOVING CURB AND GUTTER	\$9.00	\$13,554.00	\$18.00	\$27,108.00	\$15.73	\$23,689.38
8	25	LINEAR FOOT	206D-005	REMOVING GUTTER	\$15.00	\$375.00	\$25.00	\$625.00	\$15.73	\$393.25
9	5	EACH	206E-000	REMOVING HEADWALLS	\$300.00	\$1,500.00	\$1,000.00	\$5,000.00	\$375.13	\$1,875.65
10	33	EACH	206E-001	REMOVING INLETS	\$585.00	\$19,305.00	\$1,800.00	\$59,400.00	\$776.18	\$25,613.94
11	1	EACH	206E-002	REMOVING JUNCTION BOXES	\$970.00	\$970.00	\$2,000.00	\$2,000.00	\$588.43	\$588.43
12	6	EACH	206E-003	REMOVING MANHOLES	\$1,210.00	\$7,260.00	\$3,000.00	\$18,000.00	\$588.42	\$3,530.52
13	28	EACH	209A-000	MAILBOX RESET, SINGLE	\$250.00	\$7,000.00	\$650.00	\$18,200.00	\$369.42	\$10,343.76
14	3680	CUBIC YARD	210A-000	UNCLASSIFIED EXCAVATION	\$12.50	\$46,000.00	\$40.00	\$147,200.00	\$43.24	\$159,123.20
15	1984	CUBIC YARD	210D-000	BORROW EXCAVATION	\$21.50	\$42,656.00	\$62.50	\$124,000.00	\$40.04	\$79,439.36
16	4690	CUBIC YARD	214A-000	STRUCTURE EXCAVATION	\$11.00	\$51,590.00	\$40.00	\$187,600.00	\$34.08	\$159,835.20
17	1409	CUBIC YARD	214B-001	FOUNDATION BACKFILL, COMMERCIAL	\$42.00	\$59,178.00	\$85.00	\$119,765.00	\$75.41	\$106,252.69
18	4	CUBIC YARD	260A-002	CEMENT MORTAR FLOWABLE BACKFILL, MIX 3	\$297.00	\$1,188.00	\$650.00	\$2,600.00	\$560.86	\$2,243.44
19	7603	SQUARE YARD	301A-008	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 5" COMPACTED THICKNESS	\$10.00	\$76,030.00	\$16.50	\$125,449.50	\$13.99	\$106,365.97
20	200	TON	305B-077	CRUSHED AGGREGATE, SECTION 825, FOR MISCELLANEOUS USE	\$50.00	\$10,000.00	\$65.00	\$13,000.00	\$39.91	\$7,982.00
21	3567	GALLON	405A-000	TACK COAT	\$4.00	\$14,268.00	\$4.34	\$15,480.78	\$4.17	\$14,874.39
22	2	MILE	407B-000	JOINT SEALANT FOR HOT MIX ASPHALT PAVEMENT	\$375.00	\$750.00	\$287.34	\$574.68	\$276.08	\$552.16
23	2202	SQUARE YARD	408A-052	PLANNING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)	\$4.18	\$9,204.36	\$14.14	\$31,136.28	\$13.59	\$29,925.18
24	433	TON	424A-361	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D	\$95.00	\$41,135.00	\$150.99	\$65,378.67	\$145.08	\$62,819.64
25	612	TON	424B-651	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D	\$90.00	\$55,080.00	\$231.00	\$141,372.00	\$221.94	\$135,827.28
26	1688	TON	424B-659	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE	\$60.00	\$101,280.00	\$138.60	\$233,956.80	\$133.17	\$224,790.96

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

					ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
27	303	TON	424C-360	SUPERPAVE BITUMINOUS CONCRETE BASE LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D	\$120.00	\$36,360.00	\$225.37	\$68,287.11	\$216.53	\$65,608.59
28	92	LINEAR FOOT	530A-001	18" ROADWAY PIPE (CLASS 3 R.C.)	\$55.00	\$5,060.00	\$84.00	\$7,728.00	\$87.62	\$8,061.04
29	66	LINEAR FOOT	530A-004	36" ROADWAY PIPE (CLASS 3 R.C.)	\$85.00	\$5,610.00	\$180.00	\$11,880.00	\$149.99	\$9,899.34
30	40	LINEAR FOOT	530A-005	42" ROADWAY PIPE (CLASS 3 R.C.)	\$130.00	\$5,200.00	\$250.00	\$10,000.00	\$218.61	\$8,744.40
31	4	LINEAR FOOT	533A-097	15" STORM SEWER PIPE (CLASS 3 R.C.)	\$64.00	\$256.00	\$75.00	\$300.00	\$161.33	\$645.32
32	3725	LINEAR FOOT	533A-098	18" STORM SEWER PIPE (CLASS 3 R.C.)	\$38.00	\$141,550.00	\$84.00	\$312,900.00	\$85.18	\$317,295.50
33	589	LINEAR FOOT	533A-099	24" STORM SEWER PIPE (CLASS 3 R.C.)	\$55.00	\$32,395.00	\$95.00	\$55,955.00	\$98.50	\$58,016.50
34	299	LINEAR FOOT	533A-100	30" STORM SEWER PIPE (CLASS 3 R.C.)	\$80.00	\$23,920.00	\$140.00	\$41,860.00	\$127.56	\$38,140.44
35	267	LINEAR FOOT	533A-101	36" STORM SEWER PIPE (CLASS 3 R.C.)	\$83.00	\$22,161.00	\$180.00	\$48,060.00	\$103.16	\$27,543.72
36	5	LINEAR FOOT	533A-102	42" STORM SEWER PIPE (CLASS 3 R.C.)	\$90.00	\$450.00	\$250.00	\$1,250.00	\$444.49	\$2,222.45
37	8	LINEAR FOOT	533A-105	60" STORM SEWER PIPE (CLASS 3 R.C.)	\$110.00	\$880.00	\$320.00	\$2,560.00	\$674.55	\$5,396.40
38	1	LUMP SUM	600A-000	MOBILIZATION	\$240,500.00	\$240,500.00	\$398,650.00	\$398,650.00	\$100,000.00	\$100,000.00
39	27	EACH	602A-000	RIGHT OF WAY MARKERS	\$330.00	\$8,910.00	\$450.00	\$12,150.00	\$803.50	\$21,694.50
40	2075	SQUARE YARD	618A-000	CONCRETE SIDEWALK, 4" THICK	\$57.00	\$118,275.00	\$77.00	\$159,775.00	\$56.09	\$116,386.75
41	162	SQUARE YARD	618A-002	CONCRETE SIDEWALK, 4" THICK (INCLUDES BRICK PAVER)	\$110.00	\$17,820.00	\$225.00	\$36,450.00	\$138.63	\$22,458.06
42	1159	SQUARE YARD	618B-003	CONCRETE DRIVEWAY, 6" THICK (INCLUDES WIRE MESH)	\$61.50	\$71,278.50	\$78.10	\$90,517.90	\$74.78	\$86,670.02
43	1	EACH	619A-005	36" ROADWAY PIPE END TREATMENT, CLASS 1	\$1,320.00	\$1,320.00	\$2,640.00	\$2,640.00	\$989.76	\$989.76
44	1	EACH	619A-006	42" ROADWAY PIPE END TREATMENT, CLASS 1	\$1,260.00	\$1,260.00	\$3,091.00	\$3,091.00	\$1,484.64	\$1,484.64
45	1	EACH	619A-101	18" SIDE DRAIN PIPE END TREATMENT, CLASS 1	\$900.00	\$900.00	\$1,710.50	\$1,710.50	\$769.81	\$769.81
46	1	EACH	619A-128	30" SIDE DRAIN PIPE END TREATMENT, CLASS 2	\$2,550.00	\$2,550.00	\$3,531.00	\$3,531.00	\$824.80	\$824.80
47	1	CUBIC YARD	620A-000	MINOR STRUCTURE CONCRETE	\$1,325.00	\$1,325.00	\$2,337.50	\$2,337.50	\$1,594.60	\$1,594.60
48	13	EACH	621A-011	JUNCTION BOXES, TYPE 1 OR 2P	\$3,090.00	\$40,170.00	\$3,641.00	\$47,333.00	\$2,419.41	\$31,452.33
49	1	EACH	621A-013	JUNCTION BOXES, TYPE SPECIAL	\$5,000.00	\$5,000.00	\$14,850.00	\$14,850.00	\$7,478.16	\$7,478.16
50	7	EACH	621A-019	JUNCTION BOXES, TYPE 1 OR 2P	\$3,900.00	\$27,300.00	\$4,812.50	\$33,687.50	\$2,419.40	\$16,935.80
51	4	EACH	621A-057	JUNCTION BOXES, TYPE PARTIAL	\$4,000.00	\$16,000.00	\$4,246.00	\$16,984.00	\$2,254.45	\$9,017.80
52	1	EACH	621B-011	JUNCTION BOX UNITS, TYPE 1 OR 1P	\$700.00	\$700.00	\$665.50	\$665.50	\$384.90	\$384.90
53	6	EACH	621B-014	JUNCTION BOX UNITS, TYPE 1 OR 2P	\$705.00	\$4,230.00	\$682.00	\$4,092.00	\$384.91	\$2,309.46
54	2	EACH	621B-035	JUNCTION BOX UNITS, TYPE SPECIAL	\$1,000.00	\$2,000.00	\$1,468.50	\$2,937.00	\$522.38	\$1,044.76

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

					ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
55	39	EACH	621C-015	INLETS, TYPE S1 OR S3 (1 WING)	\$3,125.00	\$121,875.00	\$4,389.00	\$171,171.00	\$3,421.01	\$133,419.39
56	3	EACH	621C-016	INLETS, TYPE S2 OR S4 (1 WING)	\$4,575.00	\$13,725.00	\$4,884.00	\$14,652.00	\$3,421.01	\$10,263.03
57	3	EACH	621C-017	INLETS, TYPE S1 OR S3 (2 WING)	\$3,820.00	\$11,460.00	\$5,060.00	\$15,180.00	\$3,590.73	\$10,772.19
58	1	EACH	621C-018	INLETS, TYPE S2 OR S4 (2 WING)	\$4,500.00	\$4,500.00	\$5,478.00	\$5,478.00	\$3,590.72	\$3,590.72
59	9	EACH	621C-035	INLETS, TYPE B (SURFACE GRATES)	\$2,500.00	\$22,500.00	\$3,729.00	\$33,561.00	\$2,089.49	\$18,805.41
60	2	EACH	621C-049	INLETS, TYPE S1 OR S3 (2 WING) (MODIFIED)	\$3,780.00	\$7,560.00	\$5,060.00	\$10,120.00	\$3,590.74	\$7,181.48
61	1	EACH	621C-087	INLETS, TYPE S2 OR S4 (1 WING) (MODIFIED)	\$2,900.00	\$2,900.00	\$4,884.00	\$4,884.00	\$3,421.00	\$3,421.00
62	1	EACH	621C-088	INLETS, TYPE S2 OR S4 (2 WING) (MODIFIED)	\$4,285.00	\$4,285.00	\$5,478.00	\$5,478.00	\$3,590.72	\$3,590.72
63	11	EACH	621C-109	INLETS, TYPE PD	\$5,185.00	\$57,035.00	\$6,600.00	\$72,600.00	\$5,608.62	\$61,694.82
64	12	EACH	621D-015	INLET UNITS, TYPE S1 OR S3	\$640.00	\$7,680.00	\$1,012.00	\$12,144.00	\$329.92	\$3,959.04
65	3	EACH	621D-016	INLET UNITS, TYPE S2 OR S4	\$825.00	\$2,475.00	\$1,045.00	\$3,135.00	\$329.92	\$989.76
66	7757	LINEAR FOOT	623C-000	COMBINATION CURB & GUTTER, TYPE C	\$18.00	\$139,626.00	\$45.10	\$349,840.70	\$27.39	\$212,464.23
67	1	EACH	630C-001	GAURDRAIL END ANCHOR, TYPE 8	\$890.00	\$890.00	\$990.00	\$990.00	\$960.06	\$960.06
68	1	EACH	630C-080	GAURDRAIL END ANCHOR, TYPE 20 SERIES (MASH)	\$2,880.00	\$2,880.00	\$4,180.00	\$4,180.00	\$4,053.60	\$4,053.60
69	1	LUMP SUM	640B-005	UNDERGROUND UTILITY ADJUSTMENT (WATER)	\$322,400.00	\$322,400.00	\$755,120.00	\$755,120.00	\$721,143.69	\$721,143.69
	2300	FEET	-	8" DICL PIPE		\$0.00	\$70.00	\$161,000.00	\$63.00	\$144,900.00
	2780	FEET	-	12" DICL PIPE		\$0.00	\$80.00	\$222,400.00	\$63.00	\$175,140.00
	1	EACH	-	12" X 12" TAPPING SLEEVE		\$0.00	\$6,500.00	\$6,500.00	\$2,558.59	\$2,558.59
	1	EACH	-	8" TAPPING VALVE		\$0.00	\$5,500.00	\$5,500.00	\$2,558.59	\$2,558.59
	3	EACH	-	12" X 8" M.J. TEE		\$0.00	\$1,750.00	\$5,250.00	\$959.47	\$2,878.41
	19	EACH	-	8" GATE VALVE		\$0.00	\$1,750.00	\$33,250.00	\$319.82	\$6,076.58
	1	EACH	-	6" GATE VALVE		\$0.00	\$1,500.00	\$1,500.00	\$319.82	\$319.82
	19	EACH	-	2" GATE VALVE		\$0.00	\$1,000.00	\$19,000.00	\$319.82	\$6,076.58
	2	EACH	-	12" 45 DEGREE BEND		\$0.00	\$1,500.00	\$3,000.00	\$319.82	\$639.64
	1	EACH	-	12" TAPPING VALVE		\$0.00	\$1,950.00	\$1,950.00	\$2,558.59	\$2,558.59
	3	EACH	-	8 X 8" M.J. TEE		\$0.00	\$1,000.00	\$3,000.00	\$319.82	\$959.46
	1	EACH	-	8 X 8 TAPPING SLEEVE		\$0.00	\$2,750.00	\$2,750.00	\$319.82	\$319.82
	2	EACH	-	8 X 6" M.J. VALVE TEE		\$0.00	\$1,500.00	\$3,000.00	\$319.82	\$639.64

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

					ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	9	EACH	-	8" SOLID SLEEVE		\$0.00	\$1,500.00	\$13,500.00	\$319.82	\$2,878.38
	11	EACH	-	POLYETUBE WRAP (500')		\$0.00	\$1,000.00	\$11,000.00	\$1,439.21	\$15,831.31
	9	EACH	-	8" 45 DEGREE BEND		\$0.00	\$500.00	\$4,500.00	\$319.82	\$2,878.38
	3	EACH	-	12" SLEEVE		\$0.00	\$1,000.00	\$3,000.00	\$1,279.29	\$3,837.87
	2	EACH	-	6" SOLID SLEEVE		\$0.00	\$500.00	\$1,000.00	\$319.82	\$639.64
	50	FEET	-	6" DICL PIPE		\$0.00	\$65.00	\$3,250.00	\$63.00	\$3,150.00
	2	EACH	-	6" SOLID SLEEVE		\$0.00	\$500.00	\$1,000.00	\$319.82	\$639.64
	4	EACH	-	6" 45 DEGREE BEND		\$0.00	\$500.00	\$2,000.00	\$319.83	\$1,279.32
	2	EACH	-	6" SOLID SLEEVE		\$0.00	\$500.00	\$1,000.00	\$319.82	\$639.64
	200	FEET	-	4" DICL PIPE		\$0.00	\$65.00	\$13,000.00	\$63.00	\$12,600.00
	1	EACH	-	6" X 4" REDUCER		\$0.00	\$500.00	\$500.00	\$159.91	\$159.91
	1	EACH	-	4" CAP (TAPPED 2")		\$0.00	\$350.00	\$350.00	\$159.91	\$159.91
	1	EACH	-	RISER MATERIAL		\$0.00	\$3,500.00	\$3,500.00	\$959.47	\$959.47
	1	EACH	-	MISCELLANEOUS MATERIAL		\$0.00	\$1,000.00	\$1,000.00	\$16,954.88	\$16,954.88
	200	FEET	-	INSTALL 4" PIPE		\$0.00	\$65.00	\$13,000.00	\$36.57	\$7,314.00
	1	CUBIC YARD	-	CONCRETE BRACING		\$0.00	\$500.00	\$500.00	\$1,567.22	\$1,567.22
	2	TONS	-	HAULING (FOUNDRY)		\$0.00	\$24,000.00	\$48,000.00	\$1,280.42	\$2,560.84
	400	FEET	-	PAVING (TEMP. & PERM.)		\$0.00	\$75.00	\$30,000.00	\$73.95	\$29,580.00
	20	TONS	-	CRUSHED STONE		\$0.00	\$57.00	\$1,140.00	\$98.05	\$1,961.00
	2600	FEET	-	1" COPPER PIPE		\$0.00	\$22.00	\$57,200.00	\$53.06	\$137,956.00
	26	EACH	-	1" CORPORATION STOPS		\$0.00	\$150.00	\$3,900.00	\$409.22	\$10,639.72
	26	EACH	-	1" METER LOOPS		\$0.00	\$150.00	\$3,900.00	\$809.30	\$21,041.80
	26	EACH	-	1" REPAIR COUPLINGS		\$0.00	\$150.00	\$3,900.00	\$349.91	\$9,097.66
	26	EACH	-	METER BOXES		\$0.00	\$150.00	\$3,900.00	\$348.95	\$9,072.70
	26	EACH	-	METER BOX LIDS		\$0.00	\$150.00	\$3,900.00	\$348.95	\$9,072.70
	1	EACH	-	2" COPPER PIPE		\$0.00	\$2,700.00	\$2,700.00	\$9,671.75	\$9,671.75
	1	EACH	-	2" GATE VALVE		\$0.00	\$500.00	\$500.00	\$702.77	\$702.77
	24	EACH	-	8" X 3/4" SERVICE CLAMP		\$0.00	\$500.00	\$12,000.00	\$1,010.62	\$24,254.88

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

					ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	8	EACH	-	12" X 3/4" SERVICE CLAMP		\$0.00	\$550.00	\$4,400.00	\$1,045.92	\$8,367.36
	1	EACH	-	2" COPPER SETTER (METER LOOP)		\$0.00	\$1,250.00	\$1,250.00	\$4,098.86	\$4,098.86
	1	EACH	-	METER VAULT 3' SECTION		\$0.00	\$3,500.00	\$3,500.00	\$6,798.15	\$6,798.15
	1	EACH	-	METER VAULT LID		\$0.00	\$3,500.00	\$3,500.00	\$1,759.45	\$1,759.45
	42	FEET	-	6" DICL PIPE		\$0.00	\$65.00	\$2,730.00	\$48.60	\$2,041.20
	1	EACH	-	8" TAPPING VALVE		\$0.00	\$5,500.00	\$5,500.00	\$1,918.93	\$1,918.93
	1	EACH	-	8" X 6" TAPPING SLEEVE		\$0.00	\$5,500.00	\$5,500.00	\$2,558.59	\$2,558.59
	1	EACH	-	6" GATE VALVE		\$0.00	\$1,250.00	\$1,250.00	\$319.82	\$319.82
	1	EACH	-	6" VALVE ADAPTER		\$0.00	\$2,750.00	\$2,750.00	\$319.82	\$319.82
	4	EACH	-	4' HYDRANT		\$0.00	\$2,750.00	\$11,000.00	\$1,279.29	\$5,117.16
	4	EACH	-	VALVE BOX		\$0.00	\$450.00	\$1,800.00	\$319.83	\$1,279.32
	4	EACH	-	VALVE BOX EXT.		\$0.00	\$450.00	\$1,800.00	\$319.83	\$1,279.32
	4	EACH	-	MISCELLANEOUS MATERIAL		\$0.00	\$3,500.00	\$14,000.00	\$639.65	\$2,558.60
70	1	LUMP SUM	640B-006	UNDERGROUND UTILITY ADJUSTMENT (SEWERAGE)	\$285,597.00	\$285,597.00	\$701,036.39	\$701,036.39	\$420,072.01	\$420,072.01
	749	TON	305B-077	CRUSHED AGGREGATE, SECTION 825, FOR MISCELLANEOUS USE		\$0.00	\$57.00	\$42,693.00	\$39.91	\$29,892.59
	67	TON	424A-364	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, PATCHING, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D		\$0.00	\$507.07	\$33,973.69	\$487.20	\$32,642.40
	9	SQUARE YARD	450A-013	PLAIN CEMENT CONCRETE PAVEMENT, 6 INCH THICK		\$0.00	\$220.00	\$1,980.00	\$120.97	\$1,088.73
	408	LINEAR FOOT	645A-510	8 INCH DUCTILE IRON SANITARY SEWER GRAVITY PIPE LAID		\$0.00	\$300.00	\$122,400.00	\$161.28	\$65,802.24
	1006	LINEAR FOOT	645A-512	10 INCH DUCTILE IRON SANITARY SEWER GRAVITY PIPE LAID		\$0.00	\$320.00	\$321,920.00	\$169.38	\$170,396.28
	54	LINEAR FOOT	645E-512	6 INCH DUCTILE IRON STACKS AND LATERALS		\$0.00	\$250.00	\$13,500.00	\$191.64	\$10,348.56
	539	LINEAR FOOT	645F-510	8 INCH ABANDON EXISTING SANITARY SEWER		\$0.00	\$10.00	\$5,390.00	\$20.13	\$10,850.07
	812	LINEAR FOOT	645F-515	10 INCH ABANDON EXISTING SANITARY SEWER		\$0.00	\$15.00	\$12,180.00	\$15.87	\$12,886.44
	12	EACH	645H-510	48 INCH MANHOLE		\$0.00	\$8,500.00	\$102,000.00	\$5,186.81	\$62,241.72
	3	EACH	645M-500	CONNECTION TO EXISTING MANHOLE		\$0.00	\$4,500.00	\$13,500.00	\$2,948.91	\$8,846.73
	7	EACH	645N-500	ABANDON EXISTING MANHOLE		\$0.00	\$4,500.00	\$31,500.00	\$2,153.75	\$15,076.25
71	613	CUBIC YARD	650A-000	TOPSOIL	\$23.00	\$14,099.00	\$45.00	\$27,585.00	\$34.02	\$20,854.26
72	3831	SQUARE YARD	654A-000	SOLID SODDING	\$4.75	\$18,197.25	\$8.00	\$30,648.00	\$5.33	\$20,419.23
73	6	ACRE	665A-000	TEMPORARY SEEDING	\$305.00	\$1,830.00	\$1,500.00	\$9,000.00	\$533.37	\$3,200.22

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

					ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
74	18	TONS	665B-001	TEMPORARY MULCHING	\$275.00	\$4,950.00	\$550.00	\$9,900.00	\$426.70	\$7,680.60
75	3425	LINEAR FOOT	665J-002	SILT FENCE	\$3.10	\$10,617.50	\$3.85	\$13,186.25	\$5.04	\$17,262.00
76	3425	LINEAR FOOT	665O-001	SILT FENCE REMOVAL	\$0.80	\$2,740.00	\$0.55	\$1,883.75	\$0.96	\$3,288.00
77	121	EACH	665P-005	INLET PROTECTION, STAGE 3 OR 4	\$365.00	\$44,165.00	\$181.50	\$21,961.50	\$357.36	\$43,240.56
78	390	LINEAR FOOT	665Q-002	WATTLE	\$8.00	\$3,120.00	\$9.90	\$3,465.00	\$7.47	\$2,913.30
79	1	LUMP SUM	680A-001	GEOMETRIC CONTROLS	\$32,250.00	\$32,250.00	\$176,000.00	\$176,000.00	\$29,802.46	\$29,802.46
80	3	MILE	701A-227	SOILD WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	\$3,365.00	\$10,095.00	\$3,520.00	\$10,560.00	\$3,519.14	\$10,557.42
81	3	MILE	701A-230	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	\$3,420.00	\$10,260.00	\$3,520.00	\$10,560.00	\$3,519.14	\$10,557.42
82	2	MILE	701A-244	BROKEN YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" STRIPE)	\$1,865.00	\$3,730.00	\$2,117.50	\$4,235.00	\$2,116.98	\$4,233.96
83	1903	LINEAR FOOT	701B-207	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	\$1.50	\$2,854.50	\$1.10	\$2,093.30	\$1.10	\$2,093.30
84	6	MILE	701C-001	SOLID TEMPORARY TRAFFIC STRIPE	\$960.00	\$5,760.00	\$1,452.00	\$8,712.00	\$1,451.64	\$8,709.84
85	7734	LINEAR FOOT	701E-010	BROKEN TEMPORARY TRAFFIC STRIPE	\$0.50	\$3,867.00	\$0.28	\$2,165.52	\$0.27	\$2,088.18
86	1634	LINEAR FOOT	701F-000	DOTTED TEMPORARY TRAFFIC STRIPE	\$0.45	\$735.30	\$0.28	\$457.52	\$0.27	\$441.18
87	3049	SQUARE FOOT	703A-002	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	\$4.50	\$13,720.50	\$5.50	\$16,769.50	\$5.50	\$16,769.50
88	314	SQUARE FOOT	703B-002	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A	\$5.00	\$1,570.00	\$5.50	\$1,727.00	\$5.50	\$1,727.00
89	1088	SQUARE FOOT	703D-001	TEMPORARY TRAFFIC CONTROL MARKINGS	\$2.00	\$2,176.00	\$2.20	\$2,393.60	\$2.20	\$2,393.60
90	23	SQUARE FOOT	703E-001	TEMPORARY TRAFFIC CONTROL LEGENDS	\$1.75	\$40.25	\$3.30	\$75.90	\$3.30	\$75.90
91	75	EACH	705A-030	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	\$5.00	\$375.00	\$5.50	\$412.50	\$5.50	\$412.50
92	50	EACH	705A-032	PAVEMENT MARKERS, CLASS A-H, TYPE 1-B	\$5.00	\$250.00	\$5.50	\$275.00	\$5.50	\$275.00
93	224	EACH	705A-037	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D	\$5.00	\$1,120.00	\$5.50	\$1,232.00	\$5.50	\$1,232.00
94	16	SQUARE FOOT	710A-150	CLASS 9, ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND)	\$21.50	\$344.00	\$28.60	\$457.60	\$28.59	\$457.44
95	28	LINEAR FOOT	710B-021	ROADWAY SIGN POST (#3 U-CHANNEL, GLAVANIZED STEEL OR 2", 14 GA SQUARE TUBULAR STEEL)	\$13.00	\$364.00	\$15.40	\$431.20	\$15.40	\$431.20
96	1	LUMP SUM	711A-000	ROADWAY SIGN RELOCATION	\$1,500.00	\$1,500.00	\$10,450.00	\$10,450.00	\$10,445.81	\$10,445.81
97	1	LUMP SUM	730C-000	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (CAHABA HEIGHTS ROAD AT CROSSHAVEN DRIVE)	\$550.00	\$550.00	\$530.48	\$530.48	\$514.43	\$514.43
98	1	LUMP SUM	730C-001	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (OVERTON ROAD AT CROSSHAVEN DRIVE)	\$2,250.00	\$2,250.00	\$1,878.97	\$1,878.97	\$1,822.15	\$1,822.15
99	4740	LINEAR FOOT	730H-001	LOOP WIRE	\$3.25	\$15,405.00	\$3.03	\$14,362.20	\$2.93	\$13,888.20
100	490	LINEAR FOOT	730I-001	LOOP DETECTOR LEAD-IN-CABLE	\$1.50	\$735.00	\$1.73	\$847.70	\$1.67	\$818.30
101	4	EACH	730K-000	TRAFFIC SIGNAL JUNCTION BOX	\$550.00	\$2,200.00	\$501.82	\$2,007.28	\$486.65	\$1,946.60

Bid Tab

Widening on Crosshaven Drive from Cahaba Heights Road to Overton Road
Project 18-0249

NO	QUANTITY	UNIT	ITEM NO.	ITEM DESCRIPTION	ENGINEER'S ESTIMATE		CHILTON CONTRACTOR'S INC.		TORTORIGI	
					UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
102	295	LINEAR FOOT	730L-005	2", NON-METALLIC, CONDUIT	\$7.25	\$2,138.75	\$6.33	\$1,867.35	\$6.13	\$1,808.35
103	2	EACH	730Q-011	PEDESTRIAN SIGNAL HEAD, TYPE LED	\$1,500.00	\$3,000.00	\$1,544.18	\$3,088.36	\$1,497.49	\$2,994.98
104	746	SQUARE FOOT	740B-000	CONSTRUCTION SIGNS	\$7.75	\$5,781.50	\$11.00	\$8,206.00	\$11.00	\$8,206.00
105	450	EACH	740D-000	CHANNELIZING DRUMS	\$26.50	\$11,925.00	\$49.50	\$22,275.00	\$49.49	\$22,270.50
106	75	EACH	740E-000	CONES (36 INCHES HIGH)	\$9.00	\$675.00	\$19.80	\$1,485.00	\$19.80	\$1,485.00
107	7	EACH	740F-002	BARRICADES, TYPE III	\$210.00	\$1,470.00	\$198.00	\$1,386.00	\$197.95	\$1,385.65
108	4	EACH	740I-002	WARNING LIGHTS, TYPE B	\$225.00	\$900.00	\$605.00	\$2,420.00	\$604.85	\$2,419.40
109	75	EACH	740M-001	BALLAST FOR CONE	\$5.00	\$375.00	\$13.20	\$990.00	\$13.20	\$990.00
110	5	EACH	742A-003	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 3	\$12,040.00	\$60,200.00	\$13,750.00	\$68,750.00	\$13,746.61	\$68,733.05
111	40	LINEAR FOOT	756A-022	4" ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION	\$45.00	\$1,800.00	\$49.50	\$1,980.00	\$48.00	\$1,920.00
112	1	LUMP SUM	-	OWNER'S ALLOWANCE	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
113	500	CUBIC YARD	-	TRENCH ROCK EXCAVATION	\$160.00	\$80,000.00	\$175.00	\$87,500.00	\$200.00	\$100,000.00
114	400	EACH	665G-000	SAND BAGS	\$3.88	\$1,552.00	\$11.00	\$4,400.00	\$5.33	\$2,132.00
115	885	LINEAR FOOT	623A-007	CONCRETE GUTTER (TYPE SPECIAL)	\$36.00	\$31,860.00	\$25.30	\$22,390.50	\$62.24	\$55,082.40
TOTAL BID						\$3,015,563.41		\$5,764,959.79		\$4,567,312.00

Certified Lowest Responsible Total Bid: **\$4,567,312.00**

Contractor with Certified Lowest Responsible Total Bid: **TORTORIGI**

The undersigned confirms that all the information in this bid tabulation is correct and accurate

James R. Brown 3-12-20
James R. Brown, P.E. AL PE 15858



March 26, 2020

Mr. Jeff Downes
City Manager
City of Vestavia Hills
1032 Montgomery Highway
Vestavia Hills, Alabama 35216

Re: Crosshaven Dr.

Dear Mr. Downes:

TCU Consulting Services has reviewed the bid and concur with Gonzales Strength Engineers. It is our recommendation that the City of Vestavia Hills proceed with contract award to Tortorigi Construction Inc. for the Base Bid that was received on March 10, 2020 for the renovation of and widening of Crosshaven Dr.

Sincerely,



W. Ken Upchurch, III
Principal