1																		
ChoiceOne		Bic	l Tabu	lation														
Engineering	Sycamore Township Donna Lane and Estermarie Drive Reconstruction			FORD DEVELOPMENT CORP.		BROWN CONSTRUCTION AND PAVING CORP		FRED A NEMANN CO		PA	RACK AND BALLAUER		BARRETT F		AVING MATERIALS			
RFF. ITFM	UNIT OF			Jary 23, 2017			UNIT	MORROW, OHIO		CINCINNATI, OHIO	UNIT	HAMILTON, OHIO		CINCINNATI, OHIO	UNIT	FRANKLIN, OHIO	UNIT	CINCINNATI, OHIO
NO. NO. DESCRIPTION	MEASURE	<u>QTY.</u>	COST	COST		COST	COST	COST	COST	COST		COST		COST	COST	COST	COST	COST
ROADWAY ITEMS 1 201 CLEARING AND GRUBBING, AS PER PLAN	LUMP	1	\$15,000.00	\$15,000.00	\$43,000.00	\$43,000.00	\$14,000.00	\$14,000.00	\$5,000.00	\$5,000.00		\$48,000.00	\$18,750.00	\$18,750.00	\$16,475.00	\$16,475.00	\$28,000.00	\$28,000.00
2 202 PIPE REMOVED 3 202 CATCH BASIN REMOVED	FT. EACH	132 3	\$25.00 \$750.00	\$3,300.00 \$2,250.00	\$1.00 \$10.00	\$132.00 \$30.00	\$20.00 \$750.00	\$2,640.00 \$2,250.00	\$10.00 \$400.00	\$1,320.00 \$1,200.00		\$1,716.00 \$900.00	\$28.00 \$450.00	\$3,696.00 \$1,350.00	\$32.50 \$550.00	\$4,290.00 \$1,650.00	\$20.00 \$535.00	\$2,640.00 \$1,605.00
4 202 WALK REMOVED	S.F.	2600	\$5.00	\$13,000.00	\$0.10	\$260.00	\$2.00	\$5,200.00	\$1.50	\$3,900.00	\$1.10	\$2,860.00 \$81,774.00	\$1.50	\$3,900.00	\$2.00	\$5,200.00	\$3.00	\$7,800.00
5 203 EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION, AS PER PLAN 6 204 SUBGRADE COMPACTION, AS PER PLAN	C.Y. S.Y.	2478 5218	\$25.00 \$2.00	\$61,950.00 \$10,436.00	\$20.00 \$1.00	\$49,560.00 \$5,218.00	\$27.00 \$1.00	\$66,906.00 \$5,218.00	\$25.00 \$1.00	\$61,950.00 \$5,218.00	\$33.00 \$3.00	\$81,774.00 \$15,654.00	\$32.00 \$1.65	\$79,296.00 \$8,609.70	\$39.00 \$2.15	\$96,642.00 \$11,218.70	\$40.00 \$1.35	\$99,120.00 \$7,044.30
7 254 PAVEMENT PLANING, ASPHALT CONCRETE 8 301 ASPHALT CONCRETE BASE, PG64-22	S.Y. C.Y	290 367	\$10.00 \$160.00	\$2,900.00 \$58.720.00	\$8.00 \$140.00	\$2,320.00 \$51.380.00	\$4.00 \$200.00	\$1,160.00 \$73.400.00	\$15.00 \$111.00	\$4,350.00 \$40.737.00	\$15.00 \$105.00	\$4,350.00 \$38.535.00	\$10.00 \$105.00	\$2,900.00 \$38.535.00	\$9.00 \$115.00	\$2,610.00 \$42,205.00	\$8.30 \$112.00	\$2,407.00 \$41.104.00
9 304 AGGREGATE BASE, AS PER PLAN	C.Y.	1114	\$45.00	\$50,130.00	\$45.00	\$50,130.00	\$22.00	\$24,508.00	\$46.00	\$51,244.00	\$55.00	\$61,270.00	\$52.00	\$57,928.00	\$50.00	\$55,700.00	\$45.00	\$50,130.00
10 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 11 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	C.Y. C.Y	165 214	\$170.00 \$170.00	\$28,050.00 \$36,380.00	\$183.00 \$145.00	\$30,195.00 \$31.030.00	\$146.50 \$146.50	\$24,172.50 \$31.351.00	\$152.00 \$129.00	\$25,080.00 \$27.606.00	\$144.00 \$122.00	\$23,760.00 \$26,108.00	\$144.00 \$122.00	\$23,760.00 \$26,108.00	\$144.00 \$122.00	\$23,760.00 \$26,108.00	\$154.00 \$130.00	\$25,410.00 \$27.820.00
12 452 7" NON-REINFORCED CONCRETE PAVEMENT, AS PER PLAN	S.Y.	620	\$70.00	\$43,400.00	\$70.00	\$43,400.00	\$65.00	\$40,300.00	\$80.00	\$49,600.00	\$99.00	\$61,380.00	\$75.00	\$46,500.00	\$63.00	\$39,060.00	\$86.00	\$53,320.00
13 605 SHALLOW PIPE UNDERDRAINS, AS PER PLAN 14 608 5" CONCRETE WALK	FT S.F.	300 2700	\$12.00 \$8.00	\$3,600.00 \$21,600.00	\$10.00 \$8.00	\$3,000.00 \$21,600.00	\$12.00 \$8.00	\$3,600.00 \$21,600.00	\$15.00 \$6.00	\$4,500.00 \$16,200.00	\$15.00 \$9.50	\$4,500.00 \$25,650.00	\$16.00 \$6.50	\$4,800.00 \$17,550.00	\$12.75 \$5.35	\$3,825.00 \$14,445.00	\$17.50 \$9.60	\$5,250.00 \$25,920.00
15 608 TYPE A2 CURB RAMP WITH TRUNCATED DOMES	EACH	11	\$600.00	\$6,600.00	\$500.00	\$5,500.00	\$750.00	\$8,250.00	\$500.00	\$5,500.00	\$450.00	\$4,950.00	\$400.00	\$4,400.00	\$350.00	\$3,850.00	\$711.00	\$7,821.00
16 608 TYPE B3 CURB RAMP WITH TRUNCATED DOMES 17 609 COMBINATION ROLL CURB AND GUTTER, AS PER PLAN	EACH FT	1 3133	\$600.00 \$20.00	\$600.00 \$62.660.00	\$500.00 \$19.00	\$500.00 \$59,527.00	\$750.00 \$34.50	\$750.00 \$108,088.50	\$500.00 \$20.00	\$500.00 \$62.660.00	\$450.00 \$16.90	\$450.00 \$52,947.70	\$400.00 \$22.00	\$400.00 \$68,926.00	\$350.00 \$14.90	\$350.00 \$46.681.70	\$711.00 \$19.50	\$711.00 \$61,093.50
18 609 TYPE 6 BARRIER CURB, AS PER PLAN	FT. FT.	303	\$30.00	\$9,090.00	\$20.00	\$6,060.00	\$41.00	\$12,423.00	\$30.00	\$9,090.00	\$18.00	\$5,454.00	\$26.00	\$7,878.00	\$16.00	\$4,848.00	\$25.00	\$7,575.00
19 611 8" ROOF DRAIN COLLECTOR, AS PER PLAN 20 611 ROOF DRAIN COLLECTOR CLEANOUI	EACH	2246 9	\$20.00 \$500.00	\$44,920.00 \$4,500.00	\$15.00 \$300.00	\$33,690.00 \$2,700.00	\$17.00 \$400.00	\$38,182.00 \$3,600.00	\$18.00 \$400.00	\$40,428.00 \$3,600.00		\$56,150.00 \$3,150.00	\$17.00 \$350.00	\$38,182.00 \$3,150.00	\$13.00 \$400.00	\$29,198.00 \$3,600.00	\$29.00 \$985.00	\$65,134.00 \$8,865.00
21 611 4" CONDUIT, TYPE B (707.45) 22 611 6" CONDUIT, TYPE B (707.45)	FT. FT.	100 50	\$15.00 \$20.00	\$1,500.00 \$1.000.00	\$4.00 \$5.00	\$400.00 \$250.00	\$35.00 \$40.00	\$3,500.00 \$2.000.00	\$20.00 \$20.00	\$2,000.00 \$1.000.00	\$3.00 \$4.00	\$300.00 \$200.00	\$10.00 \$10.00	\$1,000.00 \$500.00	\$13.65 \$16.55	\$1,365.00 \$827.50	\$16.00 \$22.00	\$1,600.00
22 611 8 CONDUIT, TYPE B (707.45) 23 611 8" CONDUIT, TYPE B (707.45)	FT.	50	\$20.00	\$1,250.00	\$5.00	\$250.00	\$45.00	\$2,000.00	\$20.00	\$1,500.00	\$4.00	\$250.00	\$10.00	\$500.00	\$10.55	\$827.50	\$22.00	\$1,100.00 \$1,150.00
24 611 12" STORM SEWER, AS PER PLAN 25 611 15" STORM SEWER, AS PER PLAN	FT. FT	182 51	\$75.00 \$100.00	\$13,650.00 \$5,100.00	\$100.00 \$110.00	\$18,200.00 \$5,610.00	\$124.00 \$135.00	\$22,568.00 \$6,885.00	\$100.00 \$150.00	\$18,200.00 \$7,650.00	\$105.00 \$107.00	\$19,110.00 \$5,457.00	\$130.00 \$205.00	\$23,660.00 \$10,455.00	\$80.00 \$100.00	\$14,560.00 \$5,100.00	\$96.00 \$99.00	\$17,472.00 \$5,049.00
26 611 TYPE 3A CATCH BASIN	EACH	4	\$2,000.00	\$8,000.00	\$3,000.00	\$12,000.00	\$500.00	\$2,000.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$2,950.00	\$11,800.00	\$2,800.00	\$11,200.00	\$2,665.00	\$10,660.00
27 611 TYPE 3 CATCH BASIN 28 611 STORM SEWER MANHOLE ADJUSTED TO GRADE	EACH EACH	6 4	\$3,000.00 \$750.00	\$18,000.00 \$3,000.00	\$4,000.00 \$500.00	\$24,000.00 \$2,000.00	\$750.00 \$250.00	\$4,500.00 \$1,000.00	\$3,400.00 \$500.00	\$20,400.00 \$2,000.00	\$3,000.00	\$18,000.00 \$1,600.00	\$3,475.00 \$725.00	\$20,850.00 \$2,900.00	\$3,300.00 \$500.00	\$19,800.00 \$2,000.00	\$3,505.00 \$550.00	\$21,030.00 \$2,200.00
29 614 MAINTAINING TRAFFIC	LUMP	1	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$30,000.00	\$30,000.00	\$60,000.00	\$60,000.00	\$50,651.00	\$50,651.00	\$28,900.00	\$28,900.00
30 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN 31 630 TRAFFIC SIGNS REMOVED AND RELOCATED, AS PER PLAN	LUMP EACH	1 22	\$10,000.00 \$150.00	\$10,000.00 \$3.300.00	\$10,000.00 \$10.00	\$10,000.00 \$220.00	\$7,500.00 \$200.00	\$7,500.00 \$4.400.00	\$8,000.00 \$150.00	\$8,000.00 \$3.300.00	\$8,300.00 \$65.00	\$8,300.00 \$1.430.00	\$6,500.00 \$150.00	\$6,500.00 \$3,300.00	\$15,000.00 \$65.00	\$15,000.00 \$1,430.00	\$6,500.00 \$70.00	\$6,500.00 \$1,540.00
32 644 CENTER LINE	FT.	257	\$5.00	\$1,285.00	\$2.00	\$514.00	\$4.00	\$1,028.00	\$1.50	\$385.50	\$1.36	\$349.52	\$1.36	\$349.52	\$3.53	\$907.21	\$3.80	\$976.60
33 644 STOP LINE 34 644 CROSSWALK LINE	FT. FT	89 419	\$10.00 \$5.00	\$890.00 \$2,095.00	\$6.00 \$4.00	\$534.00 \$1,676.00	\$5.00 \$3.00	\$445.00 \$1,257.00	\$6.00 \$4.00	\$534.00 \$1.676.00	\$5.35 \$3.35	\$476.15 \$1,403.65	\$5.35 \$3.35	\$476.15 \$1,403.65	\$6.00 \$2.55	\$534.00 \$1.068.45	\$6.45 \$2.75	\$574.05 \$1,152.25
35 659 SEEDING AND MULCHING, AS PER PLAN	S.Y.	2650	\$3.00	\$7,950.00	\$2.00	\$5,300.00	\$2.00	\$5,300.00	\$6.00	\$15,900.00	\$1.00	\$2,650.00	\$5.25	\$13,912.50	\$7.81	\$20,696.50	\$9.00	\$23,850.00
36 832 STORM WATER POLLUTION PREVENTION PLAN 37 832 EROSION CONTROL	LUMP	1 1	\$4,000.00 \$2,000.00	\$4,000.00 \$2,000.00	\$500.00 \$2,000.00	\$500.00 \$2,000.00	\$1,000.00 \$2,000.00	\$1,000.00 \$2,000.00	\$2,000.00 \$2,000.00	\$2,000.00 \$2.000.00	\$4,340.00	\$4,340.00 \$2,000.00	\$2,000.00 \$2,000.00	\$2,000.00 \$2,000.00	\$4,145.00 \$2,000.00	\$4,145.00 \$2,000.00		\$1,200.00 \$2.000.00
38 SPEC UNDERCUTTING, AS PER PLAN	C.Y.	375	\$50.00	\$18,750.00 \$600,856.00	\$20.00	\$7,500.00 \$540,236.00	\$30.00	\$11,250.00	\$80.00	\$30,000.00 \$549,728.50	\$60.00	\$22,500.00 \$647,925.02	\$88.00	\$33,000.00	\$75.00	\$28,125.00 \$611,983.56	\$80.00	\$30,000.00
ROADWAY ITEMS SUBTOTAL 10% ROADWAY ITEMS CONTINGENCY			-	\$60,085.60	-	\$54,023.60	-	\$576,482.00 \$57,648.20	-	\$54,972.85	-	\$64,792.50	-	\$651,225.52 \$0.00	-	\$61,198.36	-	\$685,723.70 \$68,572.37
GCWW WATER MAIN ITEMS																		
39 1101 FURNISHING AND LAYING 6" DUCTILE IRON PIPE AND FITTINGS	FT.	189	\$150.00	\$28,350.00	\$90.00	\$17,010.00	\$85.00	\$16,065.00	\$117.75	\$22,254.75	\$117.00	\$22,113.00	\$265.00	\$50,085.00	\$117.50	\$22,207.50	\$243.52	\$46,025.28
40 1101 FURNISHING AND LAYING 8" DUCTILE IRON PIPE AND FITTINGS 41 1110 CONCRETE, CLASS "C"	FT. C.Y.	1501 5	\$150.00 \$140.00	\$225,150.00 \$700.00	\$112.00 \$100.00	\$168,112.00 \$500.00	\$87.00 \$150.00	\$130,587.00 \$750.00	\$117.75 \$0.01	\$176,742.75 \$0.05	\$91.00 \$1.00	\$136,591.00 \$5.00	\$115.00 \$100.00	\$172,615.00 \$500.00	\$111.25 \$105.00	\$166,986.25 \$525.00	\$90.92 \$0.01	\$136,470.92 \$0.05
42 1112 HAULING AND INSTALLING FIRE HYDRANT	EACH	5	\$900.00	\$4,500.00	\$2,000.00	\$10,000.00	\$750.00	\$3,750.00	\$800.00	\$4,000.00	\$1,250.00	\$6,250.00	\$1,100.00	\$5,500.00	\$953.00	\$4,765.00	\$2,265.85	\$11,329.25
43 1114 REMOVING FIRE HYDRANT 44 1115 FURNISHING AND INSTALLING FIRE HYDRANT EXTENSION, 6" LONG	EACH EACH	3	\$500.00 \$500.00	\$1,500.00 \$1,500.00	\$100.00 \$400.00	\$300.00 \$1,200.00	\$500.00 \$400.00	\$1,500.00 \$1,200.00	\$300.00 \$300.00	\$900.00 \$900.00	\$200.00 \$400.00	\$600.00 \$1,200.00	\$450.00 \$365.00	\$1,350.00 \$1.095.00	\$150.00 \$467.00	\$450.00 \$1.401.00	\$200.00 \$0.01	\$600.00 \$0.03
45 1115 FURNISHING AND INSTALLING FIRE HYDRANT EXTENSION, 12" LONG	EACH	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$400.00	\$400.00	\$500.00	\$500.00	\$420.00	\$420.00	\$550.00	\$550.00	\$500.00	\$500.00
 46 1116 FURNISHING AND INSTALLING VALVE BOX COMPLETE 47 1116 FURNISHING AND INSTALLING VALVE BOX WITH 1" AIR RELEASE COMPLETE 	EACH TE EACH	12 5	\$250.00 \$500.00	\$3,000.00 \$2,500.00	\$300.00 \$500.00	\$3,600.00 \$2,500.00	\$350.00 \$1,000.00	\$4,200.00 \$5,000.00	\$200.00 \$400.00	\$2,400.00 \$2,000.00	\$175.00 \$500.00	\$2,100.00 \$2,500.00	\$600.00 \$990.00	\$7,200.00 \$4,950.00	\$167.00 \$961.00	\$2,004.00 \$4,805.00	\$200.00 \$400.00	\$2,400.00 \$2,000.00
48 1119 ADDITIONAL EXCAVATION	C.Y.	5	\$60.00	\$300.00	\$1.00	\$5.00	\$30.00	\$150.00	\$0.01	\$0.05	\$1.00	\$5.00	\$20.00	\$100.00	\$10.00	\$50.00	\$0.01	\$0.05
49 1120 EXPLORATORY EXCAVATION 50 1122 REMOVING EXISTING MANHOLE CURB AND COVER	C.Y. EACH	5	\$75.00 \$225.00	\$375.00 \$900.00	\$1.00 \$100.00	\$5.00 \$400.00	\$40.00 \$200.00	\$200.00 \$800.00	\$0.01 \$200.00	\$0.05 \$800.00	\$1.00 \$200.00	\$5.00 \$800.00	\$20.00 \$265.00	\$100.00 \$1,060.00	\$10.00 \$75.00	\$50.00 \$300.00	\$0.01 \$250.00	\$0.05 \$1,000.00
51 1122 REMOVING EXISTING VALVE BOX	EACH	5	\$100.00	\$500.00	\$10.00	\$50.00	\$150.00	\$750.00	\$100.00	\$500.00	\$100.00	\$500.00	\$130.00	\$650.00	\$5.00	\$25.00	\$100.00	\$500.00
52 1123 CHANGING 8" AND UNDER PIPE SEWER 53 1123 CHANGING 10" THRU 24" PIPE SEWER	FT. FT.	10 10	\$75.00 \$85.00	\$750.00 \$850.00	\$1.00 \$2.00	\$10.00 \$20.00	\$75.00 \$100.00	\$750.00 \$1,000.00	\$0.01 \$0.01	\$0.10 \$0.10	0 \$1.00 0 \$1.00	\$10.00 \$10.00	\$15.00 \$15.00	\$150.00 \$150.00	\$10.00 \$10.00	\$100.00 \$100.00	\$0.01 \$0.01	\$0.10 \$0.10
54 1126 FURNISHING AND INSTALLING 3/4" COPPER SERVICE PIPE W/ AQUA SHIE 55 1128 RECONNECTING EXISTING 3/4" SERVICE BRANCH	LD FT. FACH	583 2	\$61.00 \$400.00	\$35,563.00 \$800.00	\$40.00 \$500.00	\$23,320.00 \$1,000.00	\$34.00 \$250.00	\$19,822.00 \$500.00	\$65.00 \$750.00	\$37,895.00	\$5.00 \$1.000.00	\$2,915.00 \$2,000.00	\$72.00 \$925.00	\$41,976.00 \$1,850.00	\$113.00 \$662.00	\$65,879.00 \$1,324.00	\$5.32 \$1.100.00	\$3,101.56 \$2,200.00
56 1131 FURNISHING AND INSTALLING CURB AND ROADWAY BOX (RENEW)	EACH	32	\$75.00	\$2,400.00	\$100.00	\$3,200.00	\$300.00	\$9,600.00	\$55.00	\$1,760.00	\$1,380.00	\$44,160.00	\$170.00	\$5,440.00	\$80.00	\$2,560.00	\$1,595.53	\$51,056.96
57 509 REINFORCING STEEL 58 602 BRICK MASONRY	LBS. C.Y.	1500	\$1.00 \$210.00	\$1,500.00 \$210.00	\$0.01 \$10.00	\$15.00 \$10.00	\$2.00 \$200.00	\$3,000.00 \$200.00	\$0.01 \$0.01	\$15.00 \$0.01	\$0.10 \$1.00	\$150.00 \$1.00	\$0.10 \$300.00	\$150.00 \$300.00	\$1.00 \$1.00	\$1,500.00 \$1.00	\$0.01 \$0.01	\$15.00 \$0.01
59 637 SHEETING AND BRACING ORDERED LEFT IN PLACE	MFBM	1	\$300.00	\$300.00	\$10.00	\$10.00	\$500.00	\$500.00	\$0.01	\$0.01	1 \$1.00 1 \$1.00	\$1.00	\$10.00	\$10.00	\$1.00	\$1.00	\$0.01	\$0.01
GCWW WATER MAIN ITEMS SUBTOTAL			=	\$312,148.00		\$231,767.00	=	\$200,824.00	_	\$252,067.87	-	\$222,416.00	=	\$295,651.00	-	\$275,583.75	-	\$257,199.37
CONSTRUCTION TOTAL				\$973,089.60		\$826,026.60		\$834,954.20		\$856,769.22		\$935,133.52		\$946,876.52		\$948,765.67		\$1,011,495.44
LESS 10% ROADWAY ITEMS CONTINGENCY	LESS 10% ROADWAY ITEMS CONTINGENCY CONSTRUCTION TOTAL WITHOUT CONTINGENCY (10% CONTINGENCY WAS NOT TO BE INCLUDED IN CONTRACTOR BID)						_	(\$57,648.20)		(\$54,972.85))	(\$64,792.50)	_	\$0.00	-	(\$61,198.36)	-	(\$68,572.37)
CONSTRUCTION TOTAL WITHOUT CONTINGENCY (10% CONTINGENCY V	AND TO BE INC	LUDED IN	CONTRACTOR	ыл)	_	\$772,003.00	-	\$777,306.00	-	\$801,796.37		\$870,341.02		\$946,876.52	-	\$887,567.31		\$942,923.07