

						Revised Engineer Estimate	
Section Title	Line Item	Item Code	Item Description	UNIT	Quantity	Unit Price	Extension
O.B. FRAIL PETITION DITCH #1330							
OPEN DITCH WORK							
	1	201	ONE SIDED DITCH CLEARING AND GRUBBING	LF	1300	\$20.00	\$ 26,000.00
	2	201	LOG JAM DEBRIS REMOVAL	EACH	45	\$400.00	\$ 18,000.00
	3	203	OPEN DITCH EXCAVATION	CY	1000	\$10.00	\$ 10,000.00
						SUBTOTAL	\$ 54,000.00
SUBDIVISION WORK							
	4	201	RESIDENTIAL AREA CLEARING AND GRUBBING	LUMP	1	\$4,000.00	\$ 4,000.00
	5	201	18" TREE REMOVAL (12" - 24" Diameter)	EACH	5	\$1,200.00	\$ 6,000.00
	6	201	30" TREE REMOVAL (24" -36" Diameter)	EACH	3	\$1,500.00	\$ 4,500.00
	7	202	DRAINAGE STRUCTURE (+/-9'x4') REMOVED	EACH	2	\$800.00	\$ 1,600.00
	8	203	EXCAVATION, As Per Plan	CY	3000	\$8.00	\$ 24,000.00
	9	452	6" NON-REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, AS PER PLAN	SY	595	\$80.00	\$ 47,600.00
	10	601	TYPE "C" ROCK CHANNEL PROTECTION	TONS	130	\$40.00	\$ 5,200.00
	11	611	CATCH BASIN 2-2B INSTALLED	EACH	60	\$1,200.00	\$ 72,000.00
	12	611	CATCH BASIN 2-3 INSTALLED	EACH	10	\$1,600.00	\$ 16,000.00
	13	611	YARD DRAIN INSTALLED	EACH	58	\$450.00	\$ 26,100.00
	14	611	DRAINAGE STRUCTURE INSTALLED AS PER PLAN	EACH	2	\$5,000.00	\$ 10,000.00
	15	611	8" CORRUGATED STEEL CONDUIT DRIVE PIPE, TYPE D	LF	100	\$35.00	\$ 3,500.00
	16	611	8" CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, TYPE B INSTALLED 707.3	LF	102	\$24.00	\$ 2,448.00
	17	611	12" CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, TYPE B INSTALLED 707.3	LF	787	\$26.00	\$ 20,462.00
	18	611	15" CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, TYPE B INSTALLED 707.3	LF	80	\$40.00	\$ 3,200.00
	19	611	18" CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, TYPE B INSTALLED 707.3	LF	2552	\$28.00	\$ 71,456.00
	20	611	24" CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, TYPE C INSTALLED 707.3	LF	1555	\$42.00	\$ 65,310.00
	21	611	12" PERF. CORRUGATED POLYETHYLENE SMOOTH LINED PIPE TYPE C INSTALLED 707.	LF	11416	\$24.00	\$ 273,984.00
	22	611	15" PERF. CORRUGATED POLYETHYLENE SMOOTH LINED PIPE TYPE C INSTALLED 707.	LF	2393	\$30.00	\$ 71,790.00
	23	614	TRAFFIC MAINTENANCE	LUMP	1	\$4,000.00	\$ 4,000.00
	24	653	TOPSOIL FURNISH AND PLACED	CY	200	\$25.00	\$ 5,000.00
	25	659	SEEDING AND MULCHING (Hydroseed)	SY	32000	\$1.15	\$ 36,800.00
	26	832	INLET PROTECTION	EACH	68	\$110.00	\$ 7,480.00
	27	832	MULCH SOCK FILTER DIKE, AS PER PLAN	LF	80	\$5.00	\$ 400.00
	28	S-1	PAVEMENT REPLACEMENT, AS PER PLAN	SY	125	\$65.00	\$ 8,125.00
	29	S-2	ASPHALT DRIVE APPROACH, AS PER PLAN	SY	850	\$40.00	\$ 34,000.00
	30	S-3	STONE DRIVE APPROACH, AS PER PLAN	SY	150	\$15.00	\$ 2,250.00
	31	S-4	REMOVAL & REPLACEMENT OF FENCE, AS PER PLAN	LF	350	\$20.00	\$ 7,000.00
						SUBTOTAL	\$ 834,205.00
STORM SEWER CLEANING							
	46	S-6	CATCH BASIN CLEANED	EACH	27	\$200.00	\$ 5,400.00
	47	S-7	6" STORM SEWER CLEANING	LF	625	\$2.50	\$ 1,562.50
	46	S-8	8" STORM SEWER CLEANING	LF	830	\$2.50	\$ 2,075.00
	47	S-9	12" STORM SEWER CLEANING	LF	681	\$2.50	\$ 1,702.50
	48	S-10	15" STORM SEWER CLEANING	LF	1284	\$2.50	\$ 3,210.00
	49	S-11	18" STORM SEWER CLEANING	LF	917	\$2.50	\$ 2,292.50
	50	S-12	21" AND LARGER STORM SEWER CLEANING	LF	1589	\$2.50	\$ 3,972.50
	51	S-13	HEAVY DUTY STORM SEWER CLEANING (AS ATHOURIZED)	HRS	10	\$300.00	\$ 3,000.00
						SUBTOTAL	\$ 23,215.00
ENGINEER QUANTITIES							
	32	611	4" INSERTA TEE SERVICE CONNECTION OR APPROVED EQUAL	EACH	25	\$225.00	\$ 5,625.00
	33	611	6" INSERTA TEE SERVICE CONNECTION OR APPROVED EQUAL	EACH	25	\$225.00	\$ 5,625.00
	34	611	MANHOLE, ADJUST TO GRADE	EACH	5	\$300.00	\$ 1,500.00
	35	630	STREET SIGN, REMOVE AND REINSTALL	EACH	10	\$75.00	\$ 750.00
	36	638	FIRE HYDRANT RELOCATED	EACH	6	\$1,200.00	\$ 7,200.00
	37	638	FIRE HYDRANT ADJUSTED TO GRADE	EACH	6	\$1,000.00	\$ 6,000.00
	38	638	STANDARD CURB BOX, ADJUST TO GRAGE	EACH	15	\$150.00	\$ 2,250.00
	39	638	CURB METER SET, ADJUST TO GRADE	EACH	15	\$225.00	\$ 3,375.00
	40	638	RELOCATE VALVE AND METER SET, AS PER PLAN	EACH	10	\$700.00	\$ 7,000.00
	41	638	3/4" COPPER SERVICE BRANCH	FT	100	\$50.00	\$ 5,000.00
	42	832	SEDIMENT FENCE	LF	100	\$4.00	\$ 400.00
	43	918	SANITARY SERVICE PIPE REPLACEMENT, AS PER PLAN	LF	400	\$20.00	\$ 8,000.00
	44	S-5	MAILBOX, REMOVE AND RESET	EACH	20	\$75.00	\$ 1,500.00
	45	S-14	STORM SEWER VIDEO DOCUMENTATION	LF	2000	\$3.00	\$ 6,000.00
						SUBTOTAL	\$ 60,225.00
						CONSTRUCTION TOTAL	\$ 971,645.00

ADDITONAL PROJECT EXPENSES

		County Engineer				
		Engineering and Administration To Date				\$ 30,875.62
		Engineering and Administration Estimated To Complete				\$ 15,000.00
		Construction Staking				\$ 5,000.00
		Construction Inspection				\$ 25,000.00
		Contract Services By Others				
		Kohli and Kaliher				\$ 49,050.00
		Allen County Sanitary Engineer				\$ 5,017.41
		Advertising and Printing				
		Advertising and Printing to Date				\$ 1,615.67
		Advertising and Printing Estimated to Complete				\$ 1,000.00
		Interest and Fiscal Management				
		Interest and Fiscal Expenses to Date				\$ 1,545.75
		Bond Council Fee for Original Loan				\$ 2,500.00
		Addition Project Expenses Subtotal				\$ 136,604.45
		Construction Total				\$ 971,645.00
		Project Contingency on Construction Total - 15%				\$ 145,746.75
		TOTAL PROJECT COST				\$ 1,253,996.20
		Estimated Bond Council and Loan Fees				\$ 21,500.00
		Interest to finance the Project - (Estimated 2.0% Interest for 10 year Bond)				\$ 140,250.00
		Complete Estimated Project Cost				\$ 1,415,746.20