
Appendix E

Cost Analysis

QUANTITY AND COST BREAKDOWN

Project: 3rd St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 149,291	\$ 149,291
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 71,091	\$ 71,091
1003	UTILITY STAKING	LS	1	\$ 67,706	\$ 67,706
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 433,039	\$ 433,039
1012	COMPLETE ROAD PAVING	SF	27,700	\$ 5	\$ 138,500
1013	COMPLETE ROAD MILLING	SF	27,700	\$ 3	\$ 83,100
1014	GRATE INLET - SMALL	EA	20	\$ 5,000	\$ 100,000
1015	GRATE INLET - MEDIUM	EA	15	\$ 8,000	\$ 120,000
1026	18" RCP PIPE (upsized, replace)	LF	63	\$ 100	\$ 6,300
1028	30" RCP PIPE (upsized, replace)	LF	1,101	\$ 150	\$ 165,147
1029	36" RCP PIPE (upsized, replace)	LF	1,107	\$ 175	\$ 193,714
1041	TURF GRASS SEED for lawns	SY	1,215	\$ 1	\$ 1,215
1042	FURNISHED 4" TOPSOIL	CY	135	\$ 60	\$ 8,102
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 1,642,206
CONTINGENCY				20%	\$ 328,441
TOTAL ESTIMATED CONSTRUCTION COST					\$ 1,970,647
1053	Permitting Services	LS	1	\$ 39,413	\$ 39,413
1054	Engineering and Design Services	LS	1	\$ 197,065	\$ 197,065
1055	Construction Administration	LS	1	\$ 197,065	\$ 197,065
SUBTOTAL					\$ 433,542
CONTINGENCY				15%	\$ 65,031
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 498,574
TOTAL ESTIMATED PROJECT COST					\$ 2,469,221

QUANTITY AND COST BREAKDOWN

Project: 4th St and Gov Richardson Rd

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 466,194	\$ 466,194
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 221,997	\$ 221,997
1003	UTILITY STAKING	LS	1	\$ 211,426	\$ 211,426
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 1,391,173	\$ 1,391,173
1008	5' CONCRETE SIDEWALK	SF	7,425	\$ 10	\$ 74,250
1009	CONCRETE CURB	LF	1,485	\$ 45	\$ 66,825
1012	COMPLETE ROAD PAVING	SF	80,080	\$ 5	\$ 400,400
1013	COMPLETE ROAD MILLING	SF	80,080	\$ 3	\$ 240,240
1014	GRATE INLET - SMALL	EA	55	\$ 5,000	\$ 275,000
1015	GRATE INLET - MEDIUM	EA	29	\$ 8,000	\$ 232,000
1016	GRATE INLET - LARGE	EA	10	\$ 12,000	\$ 120,000
1026	18" RCP PIPE (upsized, replace)	LF	1,233	\$ 100	\$ 123,266
1027	24" RCP PIPE (upsized, replace)	LF	1,264	\$ 135	\$ 170,576
1028	30" RCP PIPE (upsized, replace)	LF	747	\$ 150	\$ 111,999
1029	36" RCP PIPE (upsized, replace)	LF	1,713	\$ 175	\$ 299,786
1030	42" RCP PIPE (upsized, replace)	LF	671	\$ 200	\$ 134,247
1031	48" RCP PIPE (upsized, replace)	LF	1,764	\$ 265	\$ 467,355
1032	60" RCP PIPE (upsized, replace)	LF	1,749	\$ 350	\$ 611,997
1041	TURF GRASS SEED for lawns	SY	2,139	\$ 1	\$ 2,139
1042	FURNISHED 4" TOPSOIL	CY	238	\$ 60	\$ 14,263
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 5,740,133
				CONTINGENCY 20%	\$ 1,148,027
TOTAL ESTIMATED CONSTRUCTION COST					\$ 6,888,159
1053	Permitting Services	LS	1	\$ 137,763	\$ 137,763
1054	Engineering and Design Services	LS	1	\$ 688,816	\$ 688,816
1055	Construction Administration	LS	1	\$ 688,816	\$ 688,816
SUBTOTAL					\$ 1,515,395
				CONTINGENCY 15%	\$ 227,309
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 1,742,704
TOTAL ESTIMATED PROJECT COST					\$ 8,630,863

QUANTITY AND COST BREAKDOWN

Project: Chalise St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 60,799	\$ 60,799
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 28,952	\$ 28,952
1003	UTILITY STAKING	LS	1	\$ 27,573	\$ 27,573
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 165,487	\$ 165,487
1012	COMPLETE ROAD PAVING	SF	25,960	\$ 5	\$ 129,800
1013	COMPLETE ROAD MILLING	SF	25,960	\$ 3	\$ 77,880
1014	GRATE INLET - SMALL	EA	6	\$ 5,000	\$ 30,000
1024	12" RCP PIPE (upsized, replace)	LF	135	\$ 80	\$ 10,764
1027	24" RCP PIPE (upsized, replace)	LF	317	\$ 135	\$ 42,783
1040	TURF GRASS SEED for channels/ditches	SY	264	\$ 1	\$ 264
1041	TURF GRASS SEED for lawns	SY	29	\$ 1	\$ 29
1042	FURNISHED 4" TOPSOIL	CY	4	\$ 60	\$ 217
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 679,549
CONTINGENCY 20%					\$ 135,910
TOTAL ESTIMATED CONSTRUCTION COST					\$ 815,459
1053	Permitting Services	LS	1	\$ 16,309	\$ 16,309
1054	Engineering and Design Services	LS	1	\$ 81,546	\$ 81,546
1055	Construction Administration	LS	1	\$ 81,546	\$ 81,546
SUBTOTAL					\$ 179,401
CONTINGENCY 15%					\$ 26,910
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 206,311
TOTAL ESTIMATED PROJECT COST					\$ 1,021,770

QUANTITY AND COST BREAKDOWN

Project: Hill St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 29,229	\$ 29,229
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 13,919	\$ 13,919
1003	UTILITY STAKING	LS	1	\$ 13,256	\$ 13,256
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 70,039	\$ 70,039
1007	CLASS 5 EXCAVATION FOR CHANNELS	CY	80	\$ 50	\$ 4,000
1012	COMPLETE ROAD PAVING	SF	9,820	\$ 5	\$ 49,100
1013	COMPLETE ROAD MILLING	SF	9,820	\$ 3	\$ 29,460
1014	GRATE INLET - SMALL	EA	1	\$ 5,000	\$ 5,000
1026	18" RCP PIPE (upsized, replace)	LF	10	\$ 100	\$ 960
1040	TURF GRASS SEED for channels/ditches	SY	192	\$ 1	\$ 192
1041	TURF GRASS SEED for lawns	SY	11	\$ 1	\$ 11
1042	FURNISHED 4" TOPSOIL	CY	23	\$ 60	\$ 1,354
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 321,519
CONTINGENCY 20%					\$ 64,304
TOTAL ESTIMATED CONSTRUCTION COST					\$ 385,823
1053	Permitting Services	LS	1	\$ 7,716	\$ 7,716
1054	Engineering and Design Services	LS	1	\$ 38,582	\$ 38,582
1055	Construction Administration	LS	1	\$ 38,582	\$ 38,582
SUBTOTAL					\$ 84,881
CONTINGENCY 15%					\$ 12,732
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 97,613
TOTAL ESTIMATED PROJECT COST					\$ 483,436

QUANTITY AND COST BREAKDOWN

Project: Louis St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 57,531	\$ 57,531
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 27,396	\$ 27,396
1003	UTILITY STAKING	LS	1	\$ 26,091	\$ 26,091
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 155,607	\$ 155,607
1007	CLASS 5 EXCAVATION FOR CHANNELS	CY	113	\$ 50	\$ 5,633
1012	COMPLETE ROAD PAVING	SF	14,720	\$ 5	\$ 73,600
1013	COMPLETE ROAD MILLING	SF	14,720	\$ 3	\$ 44,160
1014	GRATE INLET - SMALL	EA	15	\$ 5,000	\$ 75,000
1025	15" RCP PIPE (upsized, replace)	LF	120	\$ 90	\$ 10,800
1026	18" RCP PIPE (upsized, replace)	LF	483	\$ 100	\$ 48,300
1040	TURF GRASS SEED for channels/ditches	SY	150	\$ 1	\$ 150
1041	TURF GRASS SEED for lawns	SY	335	\$ 1	\$ 335
1042	FURNISHED 4" TOPSOIL	CY	54	\$ 60	\$ 3,235
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 632,837
				CONTINGENCY 20%	\$ 126,567
TOTAL ESTIMATED CONSTRUCTION COST					\$ 759,405
1053	Permitting Services	LS	1	\$ 15,188	\$ 15,188
1054	Engineering and Design Services	LS	1	\$ 75,940	\$ 75,940
1055	Construction Administration	LS	1	\$ 75,940	\$ 75,940
SUBTOTAL					\$ 167,069
				CONTINGENCY 15%	\$ 25,060
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 192,129
TOTAL ESTIMATED PROJECT COST					\$ 951,534

QUANTITY AND COST BREAKDOWN

Project: Main Trunk Line

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 778,005	\$ 778,005
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 370,479	\$ 370,479
1003	UTILITY STAKING	LS	1	\$ 352,837	\$ 352,837
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 2,333,912	\$ 2,333,912
1012	COMPLETE ROAD PAVING	SF	123,440	\$ 5	\$ 617,200
1013	COMPLETE ROAD MILLING	SF	123,440	\$ 3	\$ 370,320
1014	GRATE INLET - SMALL	EA	43	\$ 5,000	\$ 215,000
1015	GRATE INLET - MEDIUM	EA	21	\$ 8,000	\$ 168,000
1016	GRATE INLET - LARGE	EA	38	\$ 12,000	\$ 456,000
1026	18" RCP PIPE (upsized, replace)	LF	30	\$ 100	\$ 3,000
1027	24" RCP PIPE (upsized, replace)	LF	302	\$ 135	\$ 40,787
1028	30" RCP PIPE (upsized, replace)	LF	194	\$ 150	\$ 29,081
1029	36" RCP PIPE (upsized, replace)	LF	239	\$ 175	\$ 41,825
1030	42" RCP PIPE (upsized, replace)	LF	87	\$ 200	\$ 17,371
1031	48" RCP PIPE (upsized, replace)	LF	480	\$ 265	\$ 127,250
1032	60" RCP PIPE (upsized, replace)	LF	2,319	\$ 350	\$ 811,520
1033	72" RCP PIPE (upsized, replace)	LF	3,955	\$ 435	\$ 1,720,471
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 8,558,056
CONTINGENCY 20%					\$ 1,711,611
TOTAL ESTIMATED CONSTRUCTION COST					\$ 10,269,668
1053	Permitting Services	LS	1	\$ 205,393	\$ 205,393
1054	Engineering and Design Services	LS	1	\$ 1,026,967	\$ 1,026,967
1055	Construction Administration	LS	1	\$ 1,026,967	\$ 1,026,967
SUBTOTAL					\$ 2,259,327
CONTINGENCY 15%					\$ 338,899
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 2,598,226
TOTAL ESTIMATED PROJECT COST					\$ 12,867,894

QUANTITY AND COST BREAKDOWN

Project: Meadowfield Apartments

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 45,855	\$ 45,855
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 21,836	\$ 21,836
1003	UTILITY STAKING	LS	1	\$ 20,796	\$ 20,796
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 120,306	\$ 120,306
1012	COMPLETE ROAD PAVING	SF	8,080	\$ 5	\$ 40,400
1013	COMPLETE ROAD MILLING	SF	8,080	\$ 3	\$ 24,240
1014	GRATE INLET - SMALL	EA	4	\$ 5,000	\$ 20,000
1026	18" RCP PIPE (upsized, replace)	LF	106	\$ 100	\$ 10,624
1027	24" RCP PIPE (upsized, replace)	LF	419	\$ 135	\$ 56,522
1028	30" RCP PIPE (upsized, replace)	LF	249	\$ 150	\$ 37,349
1041	TURF GRASS SEED for lawns	SY	193	\$ 1	\$ 193
1042	FURNISHED 4" TOPSOIL	CY	21	\$ 60	\$ 1,285
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 504,406
CONTINGENCY 20%					\$ 100,881
TOTAL ESTIMATED CONSTRUCTION COST					\$ 605,287
1053	Permitting Services	LS	1	\$ 12,106	\$ 12,106
1054	Engineering and Design Services	LS	1	\$ 60,529	\$ 60,529
1055	Construction Administration	LS	1	\$ 60,529	\$ 60,529
SUBTOTAL					\$ 133,163
CONTINGENCY 15%					\$ 19,974
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 153,138
TOTAL ESTIMATED PROJECT COST					\$ 758,424

QUANTITY AND COST BREAKDOWN

Project: N Church St at Danbury Dr

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 38,327	\$ 38,327
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 18,251	\$ 18,251
1003	UTILITY STAKING	LS	1	\$ 17,382	\$ 17,382
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 97,546	\$ 97,546
1008	5' CONCRETE SIDEWALK	SF	565	\$ 10	\$ 5,650
1009	CONCRETE CURB	LF	113	\$ 45	\$ 5,085
1012	COMPLETE ROAD PAVING	SF	8,340	\$ 5	\$ 41,700
1013	COMPLETE ROAD MILLING	SF	8,340	\$ 3	\$ 25,020
1014	GRATE INLET - SMALL	EA	1	\$ 5,000	\$ 5,000
1026	18" RCP PIPE (upsized, replace)	LF	302	\$ 100	\$ 30,212
1027	24" RCP PIPE (upsized, replace)	LF	237	\$ 135	\$ 31,936
1041	TURF GRASS SEED for lawns	SY	64	\$ 1	\$ 64
1042	FURNISHED 4" TOPSOIL	CY	7	\$ 60	\$ 426
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 421,600
				CONTINGENCY 20%	\$ 84,320
TOTAL ESTIMATED CONSTRUCTION COST					\$ 505,919
1053	Permitting Services	LS	1	\$ 10,118	\$ 10,118
1054	Engineering and Design Services	LS	1	\$ 50,592	\$ 50,592
1055	Construction Administration	LS	1	\$ 50,592	\$ 50,592
SUBTOTAL					\$ 111,302
				CONTINGENCY 15%	\$ 16,695
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 127,998
TOTAL ESTIMATED PROJECT COST					\$ 633,917

QUANTITY AND COST BREAKDOWN

Project: N Church St - N Cantey St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 141,990	\$ 141,990
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 67,614	\$ 67,614
1003	UTILITY STAKING	LS	1	\$ 64,395	\$ 64,395
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 410,965	\$ 410,965
1008	5' CONCRETE SIDEWALK	SF	5,785	\$ 10	\$ 57,850
1009	CONCRETE CURB	LF	1,157	\$ 45	\$ 52,065
1012	COMPLETE ROAD PAVING	SF	23,760	\$ 5	\$ 118,800
1013	COMPLETE ROAD MILLING	SF	23,760	\$ 3	\$ 71,280
1014	GRATE INLET - SMALL	EA	21	\$ 5,000	\$ 105,000
1015	GRATE INLET - MEDIUM	EA	8	\$ 8,000	\$ 64,000
1026	18" RCP PIPE (upsized, replace)	LF	302	\$ 100	\$ 30,212
1027	24" RCP PIPE (upsized, replace)	LF	650	\$ 135	\$ 87,775
1028	30" RCP PIPE (upsized, replace)	LF	219	\$ 150	\$ 32,817
1029	36" RCP PIPE (upsized, replace)	LF	862	\$ 175	\$ 150,894
1041	TURF GRASS SEED for lawns	SY	161	\$ 1	\$ 161
1042	FURNISHED 4" TOPSOIL	CY	18	\$ 60	\$ 1,074
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 1,561,893
CONTINGENCY 20%					\$ 312,379
TOTAL ESTIMATED CONSTRUCTION COST					\$ 1,874,271
1053	Permitting Services	LS	1	\$ 37,485	\$ 37,485
1054	Engineering and Design Services	LS	1	\$ 187,427	\$ 187,427
1055	Construction Administration	LS	1	\$ 187,427	\$ 187,427
SUBTOTAL					\$ 412,340
CONTINGENCY 15%					\$ 61,851
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 474,191
TOTAL ESTIMATED PROJECT COST					\$ 2,348,462

QUANTITY AND COST BREAKDOWN

Project: Parson St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 17,769	\$ 17,769
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 8,462	\$ 8,462
1003	UTILITY STAKING	LS	1	\$ 8,059	\$ 8,059
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 35,391	\$ 35,391
1014	GRATE INLET - SMALL	EA	2	\$ 5,000	\$ 10,000
1026	18" RCP PIPE (upsized, replace)	LF	102	\$ 100	\$ 10,167
1041	TURF GRASS SEED for lawns	SY	80	\$ 1	\$ 80
1042	FURNISHED 4" TOPSOIL	CY	9	\$ 60	\$ 535
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 195,463
CONTINGENCY				20%	\$ 39,093
TOTAL ESTIMATED CONSTRUCTION COST					\$ 234,556
1053	Permitting Services	LS	1	\$ 4,691	\$ 4,691
1054	Engineering and Design Services	LS	1	\$ 23,456	\$ 23,456
1055	Construction Administration	LS	1	\$ 23,456	\$ 23,456
SUBTOTAL					\$ 51,602
CONTINGENCY				15%	\$ 7,740
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 59,343
TOTAL ESTIMATED PROJECT COST					\$ 293,899

QUANTITY AND COST BREAKDOWN

Project: Post Office

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 19,166	\$ 19,166
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 9,127	\$ 9,127
1003	UTILITY STAKING	LS	1	\$ 8,692	\$ 8,692
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 39,615	\$ 39,615
1012	COMPLETE ROAD PAVING	SF	1,300	\$ 5	\$ 6,500
1013	COMPLETE ROAD MILLING	SF	1,300	\$ 3	\$ 3,900
1014	GRATE INLET - SMALL	EA	1	\$ 5,000	\$ 5,000
1015	GRATE INLET - MEDIUM	EA	1	\$ 8,000	\$ 8,000
1027	24" RCP PIPE (upsized, replace)	LF	21	\$ 135	\$ 2,837
1029	36" RCP PIPE (upsized, replace)	LF	16	\$ 175	\$ 2,835
1041	TURF GRASS SEED for lawns	SY	21	\$ 1	\$ 21
1042	FURNISHED 4" TOPSOIL	CY	2	\$ 60	\$ 137
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 210,829
CONTINGENCY				20%	\$ 42,166
TOTAL ESTIMATED CONSTRUCTION COST					\$ 252,995
1053	Permitting Services	LS	1	\$ 5,060	\$ 5,060
1054	Engineering and Design Services	LS	1	\$ 25,300	\$ 25,300
1055	Construction Administration	LS	1	\$ 25,300	\$ 25,300
SUBTOTAL					\$ 55,659
CONTINGENCY				15%	\$ 8,349
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 64,008
TOTAL ESTIMATED PROJECT COST					\$ 317,003

QUANTITY AND COST BREAKDOWN

Project: S Church St - S Cantey St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 49,003	\$ 49,003
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 23,335	\$ 23,335
1003	UTILITY STAKING	LS	1	\$ 22,224	\$ 22,224
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 129,824	\$ 129,824
1008	5' CONCRETE SIDEWALK	SF	800	\$ 10	\$ 8,000
1009	CONCRETE CURB	LF	160	\$ 45	\$ 7,200
1012	COMPLETE ROAD PAVING	SF	4,160	\$ 5	\$ 20,800
1013	COMPLETE ROAD MILLING	SF	4,160	\$ 3	\$ 12,480
1014	GRATE INLET - SMALL	EA	8	\$ 5,000	\$ 40,000
1025	15" RCP PIPE (upsized, replace)	LF	84	\$ 90	\$ 7,560
1026	18" RCP PIPE (upsized, replace)	LF	0	\$ 100	\$ -
1027	24" RCP PIPE (upsized, replace)	LF	452	\$ 135	\$ 61,037
1028	30" RCP PIPE (upsized, replace)	LF	350	\$ 150	\$ 52,570
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 539,033
				CONTINGENCY	20%
					\$ 107,807
TOTAL ESTIMATED CONSTRUCTION COST					\$ 646,840
1053	Permitting Services	LS	1	\$ 12,937	\$ 12,937
1054	Engineering and Design Services	LS	1	\$ 64,684	\$ 64,684
1055	Construction Administration	LS	1	\$ 64,684	\$ 64,684
SUBTOTAL					\$ 142,305
				CONTINGENCY	15%
					\$ 21,346
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 163,650
TOTAL ESTIMATED PROJECT COST					\$ 810,490

QUANTITY AND COST BREAKDOWN

Project: Wassau St

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 98,208	\$ 98,208
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 46,766	\$ 46,766
1003	UTILITY STAKING	LS	1	\$ 44,539	\$ 44,539
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 25,000	\$ 25,000
1006	UTILITY RELOCATION	LS	1	\$ 278,591	\$ 278,591
1008	5' CONCRETE SIDEWALK	SF	3,205	\$ 10	\$ 32,050
1009	CONCRETE CURB	LF	641	\$ 45	\$ 28,845
1012	COMPLETE ROAD PAVING	SF	22,780	\$ 5	\$ 113,900
1013	COMPLETE ROAD MILLING	SF	22,780	\$ 3	\$ 68,340
1014	GRATE INLET - SMALL	EA	22	\$ 5,000	\$ 110,000
1026	18" RCP PIPE (upsized, replace)	LF	82	\$ 100	\$ 8,200
1027	24" RCP PIPE (upsized, replace)	LF	342	\$ 135	\$ 46,170
1028	30" RCP PIPE (upsized, replace)	LF	656	\$ 150	\$ 98,400
1041	TURF GRASS SEED for lawns	SY	167	\$ 1	\$ 167
1042	FURNISHED 4" TOPSOIL	CY	19	\$ 60	\$ 1,111
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 1,080,286
CONTINGENCY 20%					\$ 216,057
TOTAL ESTIMATED CONSTRUCTION COST					\$ 1,296,344
1053	Permitting Services	LS	1	\$ 25,927	\$ 25,927
1054	Engineering and Design Services	LS	1	\$ 129,634	\$ 129,634
1055	Construction Administration	LS	1	\$ 129,634	\$ 129,634
SUBTOTAL					\$ 285,196
CONTINGENCY 15%					\$ 42,779
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 327,975
TOTAL ESTIMATED PROJECT COST					\$ 1,624,319

QUANTITY AND COST BREAKDOWN

Project: Wilson Ave - Furse Rd

ITEM NO	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL COST
1001	MOBILIZATION	LS	1	\$ 471,060	\$ 471,060
1002	CONSTRUCTION STAKES, LINES & GRADES	LS	1	\$ 224,314	\$ 224,314
1003	UTILITY STAKING	LS	1	\$ 213,633	\$ 213,633
1004	TRAFFIC CONTROL	LS	1	\$ 30,000	\$ 30,000
1005	CLEARING & GRUBBING	LS	1	\$ 50,000	\$ 50,000
1006	UTILITY RELOCATION	LS	1	\$ 1,405,885	\$ 1,405,885
1012	COMPLETE ROAD PAVING	SF	75,700	\$ 5	\$ 378,500
1013	COMPLETE ROAD MILLING	SF	75,700	\$ 3	\$ 227,100
1014	GRATE INLET - SMALL	EA	73	\$ 5,000	\$ 365,000
1015	GRATE INLET - MEDIUM	EA	21	\$ 8,000	\$ 168,000
1018	POND RISER STRUCTURE - 4'x4', 5' HEIGHT	EA	1	\$ 20,000	\$ 20,000
1019	GRADING OF DETENTION POND	LS	1	\$ 750,000	\$ 750,000
1020	LAND PURCHASE	AC	2.3	\$ 5,000	\$ 11,400
1024	12" RCP PIPE (upsized, replace)	LF	870	\$ 80	\$ 69,600
1025	15" RCP PIPE (upsized, replace)	LF	2,126	\$ 90	\$ 191,371
1026	18" RCP PIPE (upsized, replace)	LF	1,862	\$ 100	\$ 186,153
1027	24" RCP PIPE (upsized, replace)	LF	1,396	\$ 135	\$ 188,460
1028	30" RCP PIPE (upsized, replace)	LF	2,766	\$ 150	\$ 414,857
1029	36" RCP PIPE (upsized, replace)	LF	1,139	\$ 175	\$ 199,338
1030	42" RCP PIPE (upsized, replace)	LF	566	\$ 200	\$ 113,264
1031	48" RCP PIPE (upsized, replace)	LF	1,100	\$ 265	\$ 291,424
1041	TURF GRASS SEED for lawns	SY	3,822	\$ 1	\$ 3,822
1042	FURNISHED 4" TOPSOIL	CY	425	\$ 60	\$ 25,481
1043	EROSION AND SEDIMENT CONTROL	LS	1	\$ 50,000	\$ 50,000
SUBTOTAL					\$ 6,048,663
CONTINGENCY 20%					\$ 1,209,733
TOTAL ESTIMATED CONSTRUCTION COST					\$ 7,258,396
1053	Permitting Services	LS	1	\$ 145,168	\$ 145,168
1054	Engineering and Design Services	LS	1	\$ 725,840	\$ 725,840
1055	Easement Acquisition Services	LS	1	\$ 10,000	\$ 10,000
1056	Construction Administration	LS	1	\$ 725,840	\$ 725,840
SUBTOTAL					\$ 1,606,847
CONTINGENCY 15%					\$ 241,027
TOTAL ESTIMATED PROFESSIONAL SERVICES COST					\$ 1,847,874
TOTAL ESTIMATED PROJECT COST					\$ 9,106,270

QUANTITY AND COST BREAKDOWN

Project: Maintenance Cost

Service Area	Total Pipe Length (ft)	Unit Cost	Total Pipe Cleaning Cost	Inlets	Unit Cost	Total Inlet Cleaning Cost	Annual Total Maintenance Cost
3rd St	2,270.92	\$ 25	\$ 56,773	35	\$ 150	\$ 5,250	\$ 8,302
4th St and Gov Richardson Rd	9,139.30	\$ 25	\$ 228,483	94	\$ 150	\$ 14,100	\$ 29,898
Chalise St	451.46	\$ 25	\$ 11,287	6	\$ 150	\$ 900	\$ 1,579
Hill St	9.60	\$ 25	\$ 240	1	\$ 150	\$ 150	\$ 99
Louis St	603.00	\$ 25	\$ 15,075	15	\$ 150	\$ 2,250	\$ 2,633
Main Trunk Line	7,605.77	\$ 25	\$ 190,144	102	\$ 150	\$ 15,300	\$ 26,664
Meadowfield Apartments	773.92	\$ 25	\$ 19,348	4	\$ 150	\$ 600	\$ 2,235
N Church St at Danbury Dr	538.68	\$ 25	\$ 13,467	1	\$ 150	\$ 150	\$ 1,422
N Church St - N Cantey St	2,033.34	\$ 25	\$ 50,834	29	\$ 150	\$ 4,350	\$ 7,258
Parson St	101.67	\$ 25	\$ 2,542	2	\$ 150	\$ 300	\$ 404
Post Office	37.21	\$ 25	\$ 930	2	\$ 150	\$ 300	\$ 243
S Church St - S Cantey St	886.60	\$ 25	\$ 22,165	8	\$ 150	\$ 1,200	\$ 2,816
Wassau St	1,080.00	\$ 25	\$ 27,000	22	\$ 150	\$ 3,300	\$ 4,350
Wilson Ave - Furse Rd	11,824.70	\$ 25	\$ 295,617	94	\$ 150	\$ 14,100	\$ 36,612
TOTAL \$							124,515

NOTE: Inlets would be cleaned every 2 years, pipes would be cleaned every 10 years (pipes are designed to be self cleaning, thus the once a decade approach)