

OPINION OF COST
PROJECT NO. 2
UPSIZE FARM ROAD PIPE

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF	618	\$ 100	\$ 61,787
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	3	\$ 4,000	\$ 12,000
			SUBTOTAL	\$ 73,787
Connection to Existing System		1	4000	\$ 4,000
Lateral Connections		4	800	\$ 3,200
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 7,200
			TOTAL CONSTRUCTION	\$ 80,987
Engineering, Administration, Legal, etc. @ 20%				\$ 16,197
City Staff Time @ 4.3%				\$ 3,482
			TOTAL	\$ 100,667
			CONTINGENCY @ 10%	\$ 10,067
GRAND TOTAL WITH CONTINGENCY				\$ 111,000

OPINION OF COST

PROJECT NO. 4A

1300 W BINGHAM CREEK REPLACE 10-INCH WITH 15-INCH FROM BINGHAM CREEK TO 8050 SOUTH & THE LOWER PART OF 8050 S

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF	1565	\$ 125	\$ 195,625
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	5	\$ 4,000	\$ 20,000
			SUBTOTAL	\$ 215,625
Inflow & Infiltration Study				\$ -
Connection to Existing System		2	4000	\$ 8,000
Lateral Connections		0	800	\$ -
Abandon in Place				\$ -
Canal Crossing		1		\$ 60,000
			SUBTOTAL	\$ 68,000
			TOTAL CONSTRUCTION	\$ 283,625
Engineering, Administration, Legal, etc. @ 20%				\$ 56,725
City Staff Time @ 4.3%				\$ 12,196
			TOTAL	\$ 352,546
			CONTINGENCY @ 10%	\$ 1,220
GRAND TOTAL WITH CONTINGENCY				\$ 354,000

OPINION OF COST**PROJECT NO. 4B**

1300 W 9400 S TO 9000 S AND 8900 S TO BINGHAM CREEK

UPSIZE PIPE TO 12-INCH

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF	6380	\$ 110	\$ 701,800
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	17	\$ 4,000	\$ 68,000
			SUBTOTAL	\$ 769,800
Inflow & Infiltration Study				\$ 50,000
Connection to Existing System		2	4000	\$ 8,000
Lateral Connections		48	800	\$ 38,400
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 96,400
			TOTAL CONSTRUCTION	\$ 866,200
Engineering, Administration, Legal, etc. @ 20%				\$ 173,240
City Staff Time @ 4.3%				\$ 37,247
			TOTAL	\$ 1,076,687
			CONTINGENCY @ 10%	\$ 3,725
GRAND TOTAL WITH CONTINGENCY				\$ 1,080,000

OPINION OF COST
PROJECT NO. 5
TRANSIT ORIENTED DEVELOPMENT 18-INCH PIPELINE

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF	6093	\$ 140	\$ 852,952
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	16	\$ 4,000	\$ 64,000
			SUBTOTAL	\$ 916,952
Inflow & Infiltration Study				\$ 50,000
Connection to Existing System		2	4000	\$ 8,000
Lateral Connections		7	800	\$ 5,600
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 63,600
			TOTAL CONSTRUCTION	\$ 980,552
Engineering, Administration, Legal, etc. @ 20%				\$ 196,110
City Staff Time @ 4.3%				\$ 42,164
			TOTAL	\$ 1,218,827
			CONTINGENCY @ 10%	\$ 121,883
GRAND TOTAL WITH CONTINGENCY				\$ 1,341,000

OPINION OF COST
PROJECT NO. 6
GARDNER VILLAGE PIPE & METER

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF	10	\$ 90	\$ 900
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF	534	\$ 110	\$ 58,740
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	3	\$ 4,000	\$ 12,000
Meter 12-INCH	EA	1	\$ 25,000	\$ 25,000
			SUBTOTAL	\$ 96,640
Connection to Existing System		1	4000	\$ 4,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 4,000
			TOTAL CONSTRUCTION	\$ 100,640
Engineering, Administration, Legal, etc. @ 20%				\$ 20,128
City Staff Time @ 4.3%				\$ 4,328
			TOTAL	\$ 125,096
			CONTINGENCY @ 10%	\$ 12,510
GRAND TOTAL WITH CONTINGENCY				\$ 138,000

OPINION OF COST**PROJECT NO. 9****9000 SOUTH 30-INCH TRUNKLINE AND NEW METER**

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF	1411	\$ 215	\$ 303,332
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	5	\$ 4,000	\$ 20,000
Meter 30-INCH	EA	1	\$ 50,000	\$ 50,000
			SUBTOTAL	\$ 373,332
Connection to Existing System		1	4000	\$ 4,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing		1	60000	\$ 60,000
			SUBTOTAL	\$ 64,000
			TOTAL CONSTRUCTION	\$ 437,332
Engineering, Administration, Legal, etc. @ 20%				\$ 87,466
City Staff Time @ 4.3%				\$ 18,805
			TOTAL	\$ 543,603
			CONTINGENCY @ 10%	\$ 54,360
GRAND TOTAL WITH CONTINGENCY				\$ 598,000

OPINION OF COST**PROJECT NO. 13**UPSIZE PIPELINE AT CENTER PARK DR FROM AIRPORT TO 7000 S INCLUDING
COBBLE RIDGE RD & JORDAN LANDING BLVD

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF	6466	\$ 110	\$ 711,243
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	17	\$ 4,000	\$ 68,000
			SUBTOTAL	\$ 779,243
Connection to Existing System		1	4000	\$ 4,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 4,000
			TOTAL CONSTRUCTION	\$ 783,243
Engineering, Administration, Legal, etc. @ 20%				\$ 156,649
City Staff Time @ 4.3%				\$ 33,679
			TOTAL	\$ 973,571
			CONTINGENCY @ 10%	\$ 97,357
GRAND TOTAL WITH CONTINGENCY				\$ 1,071,000

OPINION OF COST**PROJECT NO. 14**

PIPE UPSIZE FROM 8-INCH TO 12-INCH AT 3200 W 8900 S TO 9000 S

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF	563	\$ 110	\$ 61,890
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	2	\$ 4,000	\$ 8,000
			SUBTOTAL	\$ 69,890
Connection to Existing System		1	4000	\$ 4,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 4,000
			TOTAL CONSTRUCTION	\$ 73,890
Engineering, Administration, Legal, etc. @ 20%				\$ 14,778
City Staff Time @ 4.3%				\$ 3,177
			TOTAL	\$ 91,845
			CONTINGENCY @ 10%	\$ 9,185
GRAND TOTAL WITH CONTINGENCY				\$ 101,000

OPINION OF COST**PROJECT NO. 20****OLD BINGHAM HWY 18" PIPE FROM 4800 W TO 90TH SOUTH**

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF	4681	\$ 140	\$ 655,272
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	13	\$ 4,000	\$ 52,000
			SUBTOTAL	\$ 707,272
Connection to Existing System		1	4000	\$ 4,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 4,000
			TOTAL CONSTRUCTION	\$ 711,272
Engineering, Administration, Legal, etc. @ 20%				\$ 142,254
City Staff Time @ 4.3%				\$ 30,585
			TOTAL	\$ 884,111
			CONTINGENCY @ 10%	\$ 88,411
GRAND TOTAL WITH CONTINGENCY				\$ 973,000

OPINION OF COST

PROJECT NO. 21

UPSIZE PIPELINE AT WELLS PARK ROAD 6400 W to OBH INCLUDING
HAWLEY PARK, AXEL PARK, AND BAGLEY PARK

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF	6826	\$ 110	\$ 750,860
15-inch pipeline	LF	2732	\$ 125	\$ 341,452
18-inch pipeline	LF		\$ 140	\$ -
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	20	\$ 4,000	\$ 80,000
			SUBTOTAL	\$ 1,172,312
Connection to Existing System		3	4000	\$ 12,000
Lateral Connections		48	800	\$ 38,400
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 50,400
			TOTAL CONSTRUCTION	\$ 1,222,712
Engineering, Administration, Legal, etc. @ 20%				\$ 244,542
City Staff Time @ 4.3%				\$ 52,577
			TOTAL	\$ 1,519,831
			CONTINGENCY @ 10%	\$ 151,983
GRAND TOTAL WITH CONTINGENCY				\$ 1,672,000

OPINION OF COST

PROJECT NO. 23

7000 S, 18-INCH FROM 1800 W TO 3420 WEST AND
24-INCH FROM 1800 WEST TO 1300 WEST

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF	8806	\$ 140	\$ 1,232,840
21-inch pipeline	LF		\$ 160	\$ -
24-inch pipeline	LF	3309	\$ 180	\$ 595,620
30-inch pipeline	LF	25	\$ 215	\$ 5,375
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	31	\$ 4,000	\$ 124,000
			SUBTOTAL	\$ 1,957,835
Connection to Existing System			4000	\$ -
Lateral Connections		35	800	\$ 28,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing				\$ -
			SUBTOTAL	\$ 28,000
			TOTAL CONSTRUCTION	\$ 1,985,835
Engineering, Administration, Legal, etc. @ 20%				\$ 397,167
City Staff Time @ 4.3%				\$ 85,391
			TOTAL	\$ 2,468,393
			CONTINGENCY @ 10%	\$ 246,839
GRAND TOTAL WITH CONTINGENCY				\$ 2,715,000

OPINION OF COST**PROJECT NO. 25**

9000 SOUTH TRUNKLINE UPSIZE TO 18-INCH WEST OF BANGERTER HWY
AND 21-INCH FROM 2000 W TO 1900 W

Description	Unit	Quantity	Unit Cost	Total
8-inch pipeline	LF		\$ 90	\$ -
10-inch pipeline	LF		\$ 100	\$ -
12-inch pipeline	LF		\$ 110	\$ -
15-inch pipeline	LF		\$ 125	\$ -
18-inch pipeline	LF	2008	\$ 140	\$ 281,120
21-inch pipeline	LF	503	\$ 160	\$ 80,480
24-inch pipeline	LF		\$ 180	\$ -
30-inch pipeline	LF		\$ 215	\$ -
36-inch pipeline	LF		\$ 235	\$ -
42-inch pipeline	LF		\$ 270	\$ -
Manhole	EA	7	\$ 4,000	\$ 28,000
Meter	EA		\$ 50,000	\$ -
			SUBTOTAL	\$ 389,600
Connection to Existing System		2	4000	\$ 8,000
Disconnect Piping				\$ -
Abandon in Place				\$ -
Canal Crossing			60000	\$ -
			SUBTOTAL	\$ 8,000
			TOTAL CONSTRUCTION	\$ 397,600
Engineering, Administration, Legal, etc. @ 20%				\$ 79,520
City Staff Time @ 4.3%				\$ 17,097
			TOTAL	\$ 494,217
			CONTINGENCY @ 10%	\$ 49,422
GRAND TOTAL WITH CONTINGENCY				\$ 544,000