

CITY ENGINEER'S ESTIMATE

City of Los Angeles - Department of Public Works - Bureau of Engineering



Secondary Sewer Renewal Program (SSRP) T01 3rd Street & Mesa Street & T05 Channel Street & Gaffey Street W.O. No. SZC12317 & SZC12123

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		MNR Construction, Inc.		SND Construction, Inc.		Colich & Sons L.P.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
SSRP T05 Channel & Gaffey St (SZC12123)											
1	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$ 9,610.00		\$18,000.00		\$9,600.00		\$9,000.00
2	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$ 19,219.00		\$19,219.00		\$19,219.00		\$19,219.00
3	ALLOWANCES (Project Manager's discretion, List from: Permits; Inspection; Additional Neighborhood Mitigation)	LS			\$ 5,386.00		\$5,386.00		\$5,386.00		\$5,386.00
4	PAYMENT FOR TRAFFIC CONTROL PERMIT PROCESS per General Requirement Section 01292	LS			\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
5	Shoring of Open Excavations (20 Foot Depth or Less)	LF	692	\$ 10.00	\$ 6,920.00	\$ 6.00	\$ 4,152.00	\$ 15.00	\$ 10,380.00	\$ 10.00	\$ 6,920.00
6	Rehabilitate by Non-Structural Lining 8" Sewer	LF	2177	\$ 28.00	\$ 60,956.00	\$ 43.00	\$ 93,611.00	\$ 43.00	\$ 93,611.00	\$ 43.00	\$ 93,611.00
7	Rehabilitate by Non-Structural Lining 10" Sewer	LF	739	\$ 33.00	\$ 24,387.00	\$ 48.00	\$ 35,472.00	\$ 48.00	\$ 35,472.00	\$ 48.00	\$ 35,472.00
8	Rehabilitate by Non-Structural Lining 12" Sewer	LF	310	\$ 38.00	\$ 11,780.00	\$ 49.00	\$ 15,190.00	\$ 49.00	\$ 15,190.00	\$ 49.00	\$ 15,190.00
9	Remove Existing & Replace w/ 8" Sewer, Case 1 Bedding	LF	678	\$ 125.00	\$ 84,750.00	\$ 122.00	\$ 82,716.00	\$ 125.00	\$ 84,750.00	\$ 190.00	\$ 128,820.00
10	Remove Existing & Replace w/ 10" Sewer, Case 1 Bedding	LF	14	\$ 190.00	\$ 2,660.00	\$ 400.00	\$ 5,600.00	\$ 250.00	\$ 3,500.00	\$ 400.00	\$ 5,600.00
11	Rehabilitate by Structural Lining 8" Sewer	LF	468	\$ 33.00	\$ 15,444.00	\$ 45.00	\$ 21,060.00	\$ 45.00	\$ 21,060.00	\$ 45.00	\$ 21,060.00
12	Rehabilitate by Structural Lining 10" Sewer	LF	346	\$ 43.00	\$ 14,878.00	\$ 53.00	\$ 18,338.00	\$ 53.00	\$ 18,338.00	\$ 53.00	\$ 18,338.00
13	Clean & Close Circuit Television (CCTV) Sewer	LF	4,040	\$ 2.00	\$ 8,080.00	\$ 1.75	\$ 7,070.00	\$ 2.00	\$ 8,080.00	\$ 2.00	\$ 8,080.00
14	Reconnect Existing HC Sewer	EA	26	\$ 375.00	\$ 9,750.00	\$ 375.00	\$ 9,750.00	\$ 500.00	\$ 13,000.00	\$ 300.00	\$ 7,800.00
15	Install Maintenance Hole	EA	19	\$ 10,000.00	\$ 190,000.00	\$ 11,700.00	\$ 222,300.00	\$ 10,000.00	\$ 190,000.00	\$ 9,000.00	\$ 171,000.00
16	Remove Flush Tank Mechanism And Remodel MH Base	EA	4	\$ 2,000.00	\$ 8,000.00	\$ 2,000.00	\$ 8,000.00	\$ 2,500.00	\$ 10,000.00	\$ 1,800.00	\$ 7,200.00
17	Chimney Riser Encasement	LF	18	\$ 100.00	\$ 1,800.00	\$ 100.00	\$ 1,800.00	\$ 50.00	\$ 900.00	\$ 200.00	\$ 3,600.00
18	Chimney Riser Structure	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 2,550.00	\$ 5,100.00	\$ 4,500.00	\$ 9,000.00	\$ 1,500.00	\$ 3,000.00
19	Grout to Stop Infiltration	LS	1	\$ 6,050.00	\$ 6,050.00	\$ 6,925.00	\$ 6,925.00	\$ 6,925.00	\$ 6,925.00	\$ 1,000.00	\$ 1,000.00
20	Temporary Trench Resurfacing	TON	42	\$ 15.00	\$ 630.00	\$ 1.00	\$ 42.00	\$ 65.00	\$ 2,730.00	\$ 70.00	\$ 2,940.00
SSRP T01 3rd & Mesa St (SZC12317)											
21	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$ 11,303.00		\$ 20,000.00		\$ 11,300.00		\$ 11,000.00
22	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$ 5,642.00		\$ 5,642.00		\$ 5,642.00		\$ 5,642.00
23	ALLOWANCE FOR CITY'S CONSTRUCTION FIELD OFFICE & OFFICE SUPPLY per General Requirement Section 01212	LS			\$ 16,000.00		\$ 16,000.00		\$ 16,000.00		\$ 16,000.00
24	PAYMENT FOR TRAFFIC CONTROL PERMIT PROCESS per General Requirement Section 01292	LS			\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00

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City of Los Angeles - Department of Public Works - Bureau of Engineering



Secondary Sewer Renewal Program (SSRP) T01 3rd Street & Mesa Street & T05 Channel Street & Gaffey Street W.O. No. SZC12317 & SZC12123

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		MNR Construction, Inc.		SND Construction, Inc.		Colich & Sons L.P.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
25	Shoring of Open Excavations (20 Feet Depth or Less)	LF	1434	\$ 10.00	\$ 14,340.00	\$ 6.00	\$ 8,604.00	\$ 15.00	\$ 21,510.00	\$ 10.00	\$ 14,340.00
26	Rehabilitate by Non-Structural Lining 8" Sewer	LF	2673	\$ 28.00	\$ 74,844.00	\$ 43.00	\$ 114,939.00	\$ 43.00	\$ 114,939.00	\$ 43.00	\$ 114,939.00
27	Rehabilitate by Non-Structural Lining 12" Sewer	LF	254	\$ 38.00	\$ 9,652.00	\$ 49.00	\$ 12,446.00	\$ 49.00	\$ 12,446.00	\$ 49.00	\$ 12,446.00
28	Rehabilitate by Non-Structural Lining 15" Sewer	LF	339	\$ 68.00	\$ 23,052.00	\$ 68.00	\$ 23,052.00	\$ 68.00	\$ 23,052.00	\$ 68.00	\$ 23,052.00
29	Remove Existing & Replace w/ 8" Sewer, Case 1 Bedding	LF	1,428	\$ 125.00	\$ 178,500.00	\$ 122.00	\$ 174,216.00	\$ 125.00	\$ 178,500.00	\$ 190.00	\$ 271,320.00
30	Remove Existing & Replace w/ 8" Sewer, Case 5 Bedding	LF	6	\$ 220.00	\$ 1,320.00	\$ 380.00	\$ 2,280.00	\$ 300.00	\$ 1,800.00	\$ 400.00	\$ 2,400.00
31	Rehabilitate by Structural Lining 8" Sewer	LF	916	\$ 33.00	\$ 30,228.00	\$ 45.00	\$ 41,220.00	\$ 45.00	\$ 41,220.00	\$ 45.00	\$ 41,220.00
32	Clean & CCTV Sewer	LF	4,182	\$ 2.00	\$ 8,364.00	\$ 1.75	\$ 7,318.50	\$ 2.00	\$ 8,364.00	\$ 2.00	\$ 8,364.00
33	Reconnect Existing HC Sewer	EA	62	\$ 375.00	\$ 23,250.00	\$ 375.00	\$ 23,250.00	\$ 400.00	\$ 24,800.00	\$ 300.00	\$ 18,600.00
34	Install Maintenance Hole (MH)	EA	6	\$ 10,000.00	\$ 60,000.00	\$ 11,700.00	\$ 70,200.00	\$ 10,300.00	\$ 61,800.00	\$ 7,000.00	\$ 42,000.00
35	Remove & Replace Drop MH Appurtenances	EA	9	\$ 4,000.00	\$ 36,000.00	\$ 6,500.00	\$ 58,500.00	\$ 2,500.00	\$ 22,500.00	\$ 3,500.00	\$ 31,500.00
36	Remove Flush Tank Mechanism And Remodel MH Base	EA	8	\$ 2,000.00	\$ 16,000.00	\$ 2,000.00	\$ 16,000.00	\$ 2,500.00	\$ 20,000.00	\$ 1,800.00	\$ 14,400.00
37	Chimney Riser Encasement	LF	52	\$ 100.00	\$ 5,200.00	\$ 100.00	\$ 5,200.00	\$ 50.00	\$ 2,600.00	\$ 200.00	\$ 10,400.00
38	Chimney Riser Structure	EA	5	\$ 2,200.00	\$ 11,000.00	\$ 2,550.00	\$ 12,750.00	\$ 4,000.00	\$ 20,000.00	\$ 1,500.00	\$ 7,500.00
39	Temporary Trench Resurfacing	TON	87	\$ 15.00	\$ 1,305.00	\$ 1.00	\$ 87.00	\$ 65.00	\$ 5,655.00	\$ 70.00	\$ 6,090.00
40	Joint Infiltration Grout	EA	4	\$ 7,000.00	\$ 28,000.00	\$ 3,465.00	\$ 13,860.00	\$ 15,350.00	\$ 61,400.00	\$ 1,000.00	\$ 4,000.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$1,088,700.00	\$1,255,295.50		\$1,260,669.00		\$1,268,449.00	
						{ High }	15.30%	{ High }	15.80%	{ High }	16.51%

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Secondary Sewer Renewal Program (SSRP) T01 3rd Street & Mesa Street & T05 Channel Street & Gaffey Street W.O. No. SZC12317 & SZC12123

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		Vasilj Inc.		Ramona, Inc.		Prkacin Company	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
SSRP T05 Channel & Gaffey St (SZC12123)											
1	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$ 9,610.00		\$9,610.00		\$20,000.00		\$9,000.00
2	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$ 19,219.00		\$19,219.00		\$19,219.00		\$19,219.00
3	ALLOWANCES (Project Manager's discretion, List from: Permits; Inspection; Additional Neighborhood Mitigation)	LS			\$ 5,386.00		\$5,386.00		\$5,386.00		\$5,386.00
4	PAYMENT FOR TRAFFIC CONTROL PERMIT PROCESS per General Requirement Section 01292	LS			\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
5	Shoring of Open Excavations (20 Foot Depth or Less)	LF	692	\$ 10.00	\$ 6,920.00	\$ 5.00	\$ 3,460.00	\$ 40.00	\$ 27,680.00	\$ 5.50	\$ 3,806.00
6	Rehabilitate by Non-Structural Lining 8" Sewer	LF	2177	\$ 28.00	\$ 60,956.00	\$ 43.00	\$ 93,611.00	\$ 43.00	\$ 93,611.00	\$ 43.00	\$ 93,611.00
7	Rehabilitate by Non-Structural Lining 10" Sewer	LF	739	\$ 33.00	\$ 24,387.00	\$ 48.00	\$ 35,472.00	\$ 48.00	\$ 35,472.00	\$ 48.00	\$ 35,472.00
8	Rehabilitate by Non-Structural Lining 12" Sewer	LF	310	\$ 38.00	\$ 11,780.00	\$ 50.00	\$ 15,500.00	\$ 49.00	\$ 15,190.00	\$ 49.00	\$ 15,190.00
9	Remove Existing & Replace w/ 8" Sewer, Case 1 Bedding	LF	678	\$ 125.00	\$ 84,750.00	\$ 155.00	\$ 105,090.00	\$ 125.00	\$ 84,750.00	\$ 135.00	\$ 91,530.00
10	Remove Existing & Replace w/ 10" Sewer, Case 1 Bedding	LF	14	\$ 190.00	\$ 2,660.00	\$ 200.00	\$ 2,800.00	\$ 250.00	\$ 3,500.00	\$ 150.00	\$ 2,100.00
11	Rehabilitate by Structural Lining 8" Sewer	LF	468	\$ 33.00	\$ 15,444.00	\$ 45.00	\$ 21,060.00	\$ 45.00	\$ 21,060.00	\$ 45.00	\$ 21,060.00
12	Rehabilitate by Structural Lining 10" Sewer	LF	346	\$ 43.00	\$ 14,878.00	\$ 54.00	\$ 18,684.00	\$ 53.00	\$ 18,338.00	\$ 53.00	\$ 18,338.00
13	Clean & Close Circuit Television (CCTV) Sewer	LF	4,040	\$ 2.00	\$ 8,080.00	\$ 2.50	\$ 10,100.00	\$ 2.00	\$ 8,080.00	\$ 2.00	\$ 8,080.00
14	Reconnect Existing HC Sewer	EA	26	\$ 375.00	\$ 9,750.00	\$ 500.00	\$ 13,000.00	\$ 950.00	\$ 24,700.00	\$ 400.00	\$ 10,400.00
15	Install Maintenance Hole	EA	19	\$ 10,000.00	\$ 190,000.00	\$ 9,200.00	\$ 174,800.00	\$ 10,500.00	\$ 199,500.00	\$ 11,500.00	\$ 218,500.00
16	Remove Flush Tank Mechanism And Remodel MH Base	EA	4	\$ 2,000.00	\$ 8,000.00	\$ 1,700.00	\$ 6,800.00	\$ 1,500.00	\$ 6,000.00	\$ 2,000.00	\$ 8,000.00
17	Chimney Riser Encasement	LF	18	\$ 100.00	\$ 1,800.00	\$ 300.00	\$ 5,400.00	\$ 125.00	\$ 2,250.00	\$ 70.00	\$ 1,260.00
18	Chimney Riser Structure	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 3,000.00	\$ 6,000.00	\$ 1,100.00	\$ 2,200.00	\$ 3,500.00	\$ 7,000.00
19	Grout to Stop Infiltration	LS	1	\$ 6,050.00	\$ 6,050.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,962.50	\$ 15,962.50
20	Temporary Trench Resurfacing	TON	42	\$ 15.00	\$ 630.00	\$ 1.00	\$ 42.00	\$ 1.00	\$ 42.00	\$ 100.00	\$ 4,200.00
SSRP T01 3rd & Mesa St (SZC12317)											
21	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$ 11,303.00		\$ 11,303.00		\$ 20,000.00		\$ 12,000.00
22	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$ 5,642.00		\$ 5,642.00		\$ 5,642.00		\$ 5,642.00
23	ALLOWANCE FOR CITY'S CONSTRUCTION FIELD OFFICE & OFFICE SUPPLY per General Requirement Section 01212	LS			\$ 16,000.00		\$ 16,000.00		\$ 16,000.00		\$ 16,000.00
24	PAYMENT FOR TRAFFIC CONTROL PERMIT PROCESS per General Requirement Section 01292	LS			\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00

CITY ENGINEER'S ESTIMATE

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Secondary Sewer Renewal Program (SSRP) T01 3rd Street & Mesa Street & T05 Channel Street & Gaffey Street W.O. No. SZC12317 & SZC12123

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		Vasilj Inc.		Ramona, Inc.		Prkacin Company	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
25	Shoring of Open Excavations (20 Feet Depth or Less)	LF	1434	\$ 10.00	\$ 14,340.00	\$ 5.00	\$ 7,170.00	\$ 30.00	\$ 43,020.00	\$ 6.00	\$ 8,604.00
26	Rehabilitate by Non-Structural Lining 8" Sewer	LF	2673	\$ 28.00	\$ 74,844.00	\$ 43.00	\$ 114,939.00	\$ 44.00	\$ 117,612.00	\$ 43.00	\$ 114,939.00
27	Rehabilitate by Non-Structural Lining 12" Sewer	LF	254	\$ 38.00	\$ 9,652.00	\$ 50.00	\$ 12,700.00	\$ 50.00	\$ 12,700.00	\$ 49.00	\$ 12,446.00
28	Rehabilitate by Non-Structural Lining 15" Sewer	LF	339	\$ 68.00	\$ 23,052.00	\$ 70.00	\$ 23,730.00	\$ 68.00	\$ 23,052.00	\$ 68.00	\$ 23,052.00
29	Remove Existing & Replace w/ 8" Sewer, Case 1 Bedding	LF	1,428	\$ 125.00	\$ 178,500.00	\$ 155.00	\$ 221,340.00	\$ 125.00	\$ 178,500.00	\$ 135.00	\$ 192,780.00
30	Remove Existing & Replace w/ 8" Sewer, Case 5 Bedding	LF	6	\$ 220.00	\$ 1,320.00	\$ 200.00	\$ 1,200.00	\$ 250.00	\$ 1,500.00	\$ 145.00	\$ 870.00
31	Rehabilitate by Structural Lining 8" Sewer	LF	916	\$ 33.00	\$ 30,228.00	\$ 45.00	\$ 41,220.00	\$ 45.00	\$ 41,220.00	\$ 45.00	\$ 41,220.00
32	Clean & CCTV Sewer	LF	4,182	\$ 2.00	\$ 8,364.00	\$ 2.50	\$ 10,455.00	\$ 2.00	\$ 8,364.00	\$ 2.00	\$ 8,364.00
33	Reconnect Existing HC Sewer	EA	62	\$ 375.00	\$ 23,250.00	\$ 500.00	\$ 31,000.00	\$ 950.00	\$ 58,900.00	\$ 400.00	\$ 24,800.00
34	Install Maintenance Hole (MH)	EA	6	\$ 10,000.00	\$ 60,000.00	\$ 9,200.00	\$ 55,200.00	\$ 10,500.00	\$ 63,000.00	\$ 11,500.00	\$ 69,000.00
35	Remove & Replace Drop MH Appurtenances	EA	9	\$ 4,000.00	\$ 36,000.00	\$ 4,000.00	\$ 36,000.00	\$ 4,000.00	\$ 36,000.00	\$ 5,000.00	\$ 45,000.00
36	Remove Flush Tank Mechanism And Remodel MH Base	EA	8	\$ 2,000.00	\$ 16,000.00	\$ 1,700.00	\$ 13,600.00	\$ 1,500.00	\$ 12,000.00	\$ 2,000.00	\$ 16,000.00
37	Chimney Riser Encasement	LF	52	\$ 100.00	\$ 5,200.00	\$ 300.00	\$ 15,600.00	\$ 100.00	\$ 5,200.00	\$ 70.00	\$ 3,640.00
38	Chimney Riser Structure	EA	5	\$ 2,200.00	\$ 11,000.00	\$ 3,000.00	\$ 15,000.00	\$ 2,000.00	\$ 10,000.00	\$ 3,500.00	\$ 17,500.00
39	Temporary Trench Resurfacing	TON	87	\$ 15.00	\$ 1,305.00	\$ 1.00	\$ 87.00	\$ 1.00	\$ 87.00	\$ 100.00	\$ 8,700.00
40	Joint Infiltration Grout	EA	4	\$ 7,000.00	\$ 28,000.00	\$ 16,000.00	\$ 64,000.00	\$ 5,000.00	\$ 20,000.00	\$ 15,962.50	\$ 63,850.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$1,088,700.00	\$1,300,220.00		\$1,314,775.00		\$1,322,521.50	
						{ High }	19.43%	{ High }	20.77%	{ High }	21.48%

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Secondary Sewer Renewal Program (SSRP) T01 3rd Street & Mesa Street & T05 Channel Street & Gaffey Street W.O. No. SZC12317 & SZC12123

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		Andrew Papac and Sons		John T. Malloy, Inc	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
SSRP T05 Channel & Gaffey St (SZC12123)									
1	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$ 9,610.00		\$9,610.00		\$60,000.00
2	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$ 19,219.00		\$19,219.00		\$19,219.00
3	ALLOWANCES (Project Manager's discretion, List from: Permits; Inspection; Additional Neighborhood Mitigation)	LS			\$ 5,386.00		\$5,386.00		\$5,386.00
4	PAYMENT FOR TRAFFIC CONTROL PERMIT PROCESS per General Requirement Section 01292	LS			\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
5	Shoring of Open Excavations (20 Foot Depth or Less)	LF	692	\$ 10.00	\$ 6,920.00	\$ 7.00	\$ 4,844.00	\$ 5.00	\$ 3,460.00
6	Rehabilitate by Non-Structural Lining 8" Sewer	LF	2177	\$ 28.00	\$ 60,956.00	\$ 46.00	\$ 100,142.00	\$ 50.00	\$ 108,850.00
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8	Rehabilitate by Non-Structural Lining 12" Sewer	LF	310	\$ 38.00	\$ 11,780.00	\$ 52.00	\$ 16,120.00	\$ 60.00	\$ 18,600.00
9	Remove Existing & Replace w/ 8" Sewer, Case 1 Bedding	LF	678	\$ 125.00	\$ 84,750.00	\$ 217.00	\$ 147,126.00	\$ 275.00	\$ 186,450.00
10	Remove Existing & Replace w/ 10" Sewer, Case 1 Bedding	LF	14	\$ 190.00	\$ 2,660.00	\$ 700.00	\$ 9,800.00	\$ 400.00	\$ 5,600.00
11	Rehabilitate by Structural Lining 8" Sewer	LF	468	\$ 33.00	\$ 15,444.00	\$ 47.00	\$ 21,996.00	\$ 50.00	\$ 23,400.00
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13	Clean & Close Circuit Television (CCTV) Sewer	LF	4,040	\$ 2.00	\$ 8,080.00	\$ 2.00	\$ 8,080.00	\$ 4.00	\$ 16,160.00
14	Reconnect Existing HC Sewer	EA	26	\$ 375.00	\$ 9,750.00	\$ 500.00	\$ 13,000.00	\$ 350.00	\$ 9,100.00
15	Install Maintenance Hole	EA	19	\$ 10,000.00	\$ 190,000.00	\$ 10,000.00	\$ 190,000.00	\$ 16,000.00	\$ 304,000.00
16	Remove Flush Tank Mechanism And Remodel MH Base	EA	4	\$ 2,000.00	\$ 8,000.00	\$ 2,000.00	\$ 8,000.00	\$ 3,500.00	\$ 14,000.00
17	Chimney Riser Encasement	LF	18	\$ 100.00	\$ 1,800.00	\$ 125.00	\$ 2,250.00	\$ 250.00	\$ 4,500.00
18	Chimney Riser Structure	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 4,000.00	\$ 8,000.00	\$ 3,500.00	\$ 7,000.00
19	Grout to Stop Infiltration	LS	1	\$ 6,050.00	\$ 6,050.00	\$ 7,000.00	\$ 7,000.00	\$ 10,000.00	\$ 10,000.00
20	Temporary Trench Resurfacing	TON	42	\$ 15.00	\$ 630.00	\$ 40.00	\$ 1,680.00	\$ 150.00	\$ 6,300.00
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22	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$ 5,642.00		\$ 5,642.00		\$ 5,642.00
23	ALLOWANCE FOR CITY'S CONSTRUCTION FIELD OFFICE & OFFICE SUPPLY per General Requirement Section 01212	LS			\$ 16,000.00		\$ 16,000.00		\$ 16,000.00
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DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		Andrew Papac and Sons		John T. Malloy, Inc	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
25	Shoring of Open Excavations (20 Feet Depth or Less)	LF	1434	\$ 10.00	\$ 14,340.00	\$ 7.00	\$ 10,038.00	\$ 5.00	\$ 7,170.00
26	Rehabilitate by Non-Structural Lining 8" Sewer	LF	2673	\$ 28.00	\$ 74,844.00	\$ 45.00	\$ 120,285.00	\$ 49.00	\$ 130,977.00
27	Rehabilitate by Non-Structural Lining 12" Sewer	LF	254	\$ 38.00	\$ 9,652.00	\$ 51.00	\$ 12,954.00	\$ 65.00	\$ 16,510.00
28	Rehabilitate by Non-Structural Lining 15" Sewer	LF	339	\$ 68.00	\$ 23,052.00	\$ 70.00	\$ 23,730.00	\$ 80.00	\$ 27,120.00
29	Remove Existing & Replace w/ 8" Sewer, Case 1 Bedding	LF	1,428	\$ 125.00	\$ 178,500.00	\$ 185.00	\$ 264,180.00	\$ 290.00	\$ 414,120.00
30	Remove Existing & Replace w/ 8" Sewer, Case 5 Bedding	LF	6	\$ 220.00	\$ 1,320.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00
31	Rehabilitate by Structural Lining 8" Sewer	LF	916	\$ 33.00	\$ 30,228.00	\$ 46.00	\$ 42,136.00	\$ 52.00	\$ 47,632.00
32	Clean & CCTV Sewer	LF	4,182	\$ 2.00	\$ 8,364.00	\$ 2.00	\$ 8,364.00	\$ 4.00	\$ 16,728.00
33	Reconnect Existing HC Sewer	EA	62	\$ 375.00	\$ 23,250.00	\$ 500.00	\$ 31,000.00	\$ 350.00	\$ 21,700.00
34	Install Maintenance Hole (MH)	EA	6	\$ 10,000.00	\$ 60,000.00	\$ 10,000.00	\$ 60,000.00	\$ 16,000.00	\$ 96,000.00
35	Remove & Replace Drop MH Appurtenances	EA	9	\$ 4,000.00	\$ 36,000.00	\$ 5,000.00	\$ 45,000.00	\$ 7,500.00	\$ 67,500.00
36	Remove Flush Tank Mechanism And Remodel MH Base	EA	8	\$ 2,000.00	\$ 16,000.00	\$ 2,000.00	\$ 16,000.00	\$ 3,500.00	\$ 28,000.00
37	Chimney Riser Encasement	LF	52	\$ 100.00	\$ 5,200.00	\$ 100.00	\$ 5,200.00	\$ 250.00	\$ 13,000.00
38	Chimney Riser Structure	EA	5	\$ 2,200.00	\$ 11,000.00	\$ 4,000.00	\$ 20,000.00	\$ 3,500.00	\$ 17,500.00
39	Temporary Trench Resurfacing	TON	87	\$ 15.00	\$ 1,305.00	\$ 40.00	\$ 3,480.00	\$ 150.00	\$ 13,050.00
40	Joint Infiltration Grout	EA	4	\$ 7,000.00	\$ 28,000.00	\$ 7,000.00	\$ 28,000.00	\$ 17,000.00	\$ 68,000.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$1,088,700.00	\$1,402,852.00		\$1,993,079.00	
						{ High } 28.86%		{ High } 83.07%	