

CITY ENGINEER'S ESTIMATE

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

Secondary Sewer Renewal Program (SSRP)

C01A California Avenue and Abbot Kinney Boulevard

W.O. No. SZC12085



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		PRKACIN COMPANY		VASILJ, INC.		MNR CONSTRUCTION, INC.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$37,656.00		\$37,000.00		\$37,000.00		\$70,030.00
2	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$63,364.00		\$63,364.00		\$63,364.00		\$63,364.00
3	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
4	Shoring of Open Excavations (20 Feet Depth or Less)	LF	2,843	\$10.00	\$28,430.00	\$10.00	\$28,430.00	\$3.00	\$8,529.00	\$6.00	\$17,058.00
5	Rehabilitate by Non-Structural Lining 8" Sewer	LF	13,188	\$28.00	\$369,264.00	\$36.00	\$474,768.00	\$36.00	\$474,768.00	\$36.00	\$474,768.00
6	Rehabilitate by Non-Structural Lining 10" Sewer	LF	1,034	\$33.00	\$34,122.00	\$40.00	\$41,360.00	\$40.00	\$41,360.00	\$40.00	\$41,360.00
7	Rehabilitate by Non-Structural Lining 12" Sewer	LF	1,091	\$38.00	\$41,458.00	\$53.00	\$57,823.00	\$53.00	\$57,823.00	\$53.00	\$57,823.00
8	Rehabilitate by Non-Structural Lining 15" Sewer	LF	167	\$68.00	\$11,356.00	\$100.00	\$16,700.00	\$100.00	\$16,700.00	\$100.00	\$16,700.00
9	Remove Existing & Replace w/ 8" sewer, Case 1 Bedding	LF	996	\$125.00	\$124,500.00	\$100.00	\$99,600.00	\$154.00	\$153,384.00	\$158.00	\$157,368.00
10	Remove Existing & Replace w/ 8" sewer, Case 5 Bedding	LF	1,782	\$220.00	\$392,040.00	\$110.00	\$196,020.00	\$189.00	\$336,798.00	\$180.00	\$320,760.00
11	Remove Existing & Replace w/ 10" sewer, Case 1 Bedding	LF	65	\$190.00	\$12,350.00	\$140.00	\$9,100.00	\$175.00	\$11,375.00	\$230.00	\$14,950.00
12	Rehabilitate by Structural Lining 8" Sewer	LF	5,318	\$33.00	\$175,494.00	\$39.50	\$210,061.00	\$39.50	\$210,061.00	\$39.50	\$210,061.00
13	Rehabilitate by Structural Lining 10" Sewer	LF	605	\$43.00	\$26,015.00	\$60.00	\$36,300.00	\$60.00	\$36,300.00	\$60.00	\$36,300.00
14	Rehabilitate by Structural Lining 12" Sewer	LF	828	\$53.00	\$43,884.00	\$71.00	\$58,788.00	\$71.00	\$58,788.00	\$71.00	\$58,788.00
15	Rehabilitate by Structural Lining 15" Sewer	LF	24	\$78.00	\$1,872.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00
16	Clean & CCTV Sewer	LF	22,255	\$2.00	\$44,510.00	\$1.55	\$34,495.25	\$1.55	\$34,495.25	\$1.55	\$34,495.25
17	Reconnect Existing HC Sewer	EA	119	\$375.00	\$44,625.00	\$400.00	\$47,600.00	\$500.00	\$59,500.00	\$375.00	\$44,625.00
18	Install Maintenance Hole	EA	27	\$10,000.00	\$270,000.00	\$6,600.00	\$178,200.00	\$5,500.00	\$148,500.00	\$10,750.00	\$290,250.00
19	Remove & Replace Drop MH Appurtenances	EA	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00
20	Remove Flush Tank Mechanism And Remodel MH Base	EA	3	\$2,000.00	\$6,000.00	\$1,800.00	\$5,400.00	\$1,700.00	\$5,100.00	\$2,125.00	\$6,375.00
21	Remodel Maintenance Hole Base	EA	17	\$1,000.00	\$17,000.00	\$1,100.00	\$18,700.00	\$1,500.00	\$25,500.00	\$1,800.00	\$30,600.00
22	Adjust Maintenance Hole to Grade	EA	1	\$750.00	\$750.00	\$600.00	\$600.00	\$900.00	\$900.00	\$400.00	\$400.00
23	Chimney Riser Encasement	LF	161	\$100.00	\$16,100.00	\$100.00	\$16,100.00	\$250.00	\$40,250.00	\$138.00	\$22,218.00
24	Chimney Riser Structure	EA	22	\$2,200.00	\$48,400.00	\$1,000.00	\$22,000.00	\$2,000.00	\$44,000.00	\$3,200.00	\$70,400.00
25	Temporary Trench Resurfacing	TON	172	\$15.00	\$2,580.00	\$90.00	\$15,480.00	\$1.00	\$172.00	\$10.00	\$1,720.00
26	Grouting Joints and Pipe cracks	EA	134	\$45.00	\$6,030.00	\$790.00	\$105,860.00	\$800.00	\$107,200.00	\$790.00	\$105,860.00
27	Grouting Set-Up	EA	27	\$9,700.00	\$261,900.00	\$1,050.00	\$28,350.00	\$1,050.00	\$28,350.00	\$1,050.00	\$28,350.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$2,099,700.00	\$1,834,099.25		\$2,032,217.25		\$2,212,623.25	
						{ Low }	-12.65%	{ Low }	-3.21%	{ High }	5.38%

CITY ENGINEER'S ESTIMATE

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

Secondary Sewer Renewal Program (SSRP)

C01A California Avenue and Abbot Kinney Boulevard

W.O. No. SZC12085



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SND CONSTRUCTION, INC.		COLICH & SONS, L.P.		RAMONA, INC.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$37,656.00		\$30,600.00		\$37,000.00		\$85,000.00
2	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$63,364.00		\$63,364.00		\$63,364.00		\$63,364.00
3	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
4	Shoring of Open Excavations (20 Feet Depth or Less)	LF	2,843	\$10.00	\$28,430.00	\$1.00	\$2,843.00	\$5.00	\$14,215.00	\$30.00	\$85,290.00
5	Rehabilitate by Non-Structural Lining 8" Sewer	LF	13,188	\$28.00	\$369,264.00	\$36.00	\$474,768.00	\$36.00	\$474,768.00	\$36.00	\$474,768.00
6	Rehabilitate by Non-Structural Lining 10" Sewer	LF	1,034	\$33.00	\$34,122.00	\$40.00	\$41,360.00	\$40.00	\$41,360.00	\$40.00	\$41,360.00
7	Rehabilitate by Non-Structural Lining 12" Sewer	LF	1,091	\$38.00	\$41,458.00	\$53.00	\$57,823.00	\$53.00	\$57,823.00	\$53.00	\$57,823.00
8	Rehabilitate by Non-Structural Lining 15" Sewer	LF	167	\$68.00	\$11,356.00	\$100.00	\$16,700.00	\$100.00	\$16,700.00	\$100.00	\$16,700.00
9	Remove Existing & Replace w/ 8" sewer, Case 1 Bedding	LF	996	\$125.00	\$124,500.00	\$150.00	\$149,400.00	\$216.00	\$215,136.00	\$175.00	\$174,300.00
10	Remove Existing & Replace w/ 8" sewer, Case 5 Bedding	LF	1,782	\$220.00	\$392,040.00	\$155.00	\$276,210.00	\$226.00	\$402,732.00	\$263.00	\$468,666.00
11	Remove Existing & Replace w/ 10" sewer, Case 1 Bedding	LF	65	\$190.00	\$12,350.00	\$320.00	\$20,800.00	\$470.00	\$30,550.00	\$300.00	\$19,500.00
12	Rehabilitate by Structural Lining 8" Sewer	LF	5,318	\$33.00	\$175,494.00	\$39.50	\$210,061.00	\$39.50	\$210,061.00	\$39.50	\$210,061.00
13	Rehabilitate by Structural Lining 10" Sewer	LF	605	\$43.00	\$26,015.00	\$60.00	\$36,300.00	\$60.00	\$36,300.00	\$60.00	\$36,300.00
14	Rehabilitate by Structural Lining 12" Sewer	LF	828	\$53.00	\$43,884.00	\$71.00	\$58,788.00	\$71.00	\$58,788.00	\$71.00	\$58,788.00
15	Rehabilitate by Structural Lining 15" Sewer	LF	24	\$78.00	\$1,872.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00
16	Clean & CCTV Sewer	LF	22,255	\$2.00	\$44,510.00	\$2.00	\$44,510.00	\$1.55	\$34,495.25	\$1.55	\$34,495.25
17	Reconnect Existing HC Sewer	EA	119	\$375.00	\$44,625.00	\$450.00	\$53,550.00	\$300.00	\$35,700.00	\$650.00	\$77,350.00
18	Install Maintenance Hole	EA	27	\$10,000.00	\$270,000.00	\$13,500.00	\$364,500.00	\$9,000.00	\$243,000.00	\$10,750.00	\$290,250.00
19	Remove & Replace Drop MH Appurtenances	EA	1	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
20	Remove Flush Tank Mechanism And Remodel MH Base	EA	3	\$2,000.00	\$6,000.00	\$2,500.00	\$7,500.00	\$2,000.00	\$6,000.00	\$2,500.00	\$7,500.00
21	Remodel Maintenance Hole Base	EA	17	\$1,000.00	\$17,000.00	\$1,500.00	\$25,500.00	\$1,500.00	\$25,500.00	\$1,100.00	\$18,700.00
22	Adjust Maintenance Hole to Grade	EA	1	\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$700.00	\$700.00	\$250.00	\$250.00
23	Chimney Riser Encasement	LF	161	\$100.00	\$16,100.00	\$50.00	\$8,050.00	\$150.00	\$24,150.00	\$110.00	\$17,710.00
24	Chimney Riser Structure	EA	22	\$2,200.00	\$48,400.00	\$5,000.00	\$110,000.00	\$1,600.00	\$35,200.00	\$1,250.00	\$27,500.00
25	Temporary Trench Resurfacing	TON	172	\$15.00	\$2,580.00	\$1.00	\$172.00	\$65.00	\$11,180.00	\$1.00	\$172.00
26	Grouting Joints and Pipe cracks	EA	134	\$45.00	\$6,030.00	\$790.00	\$105,860.00	\$790.00	\$105,860.00	\$395.00	\$52,930.00
27	Grouting Set-Up	EA	27	\$9,700.00	\$261,900.00	\$1,050.00	\$28,350.00	\$1,050.00	\$28,350.00	\$525.00	\$14,175.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$2,099,700.00	\$2,227,009.00		\$2,240,932.25		\$2,363,452.25	
						{ High }	6.06%	{ High }	6.73%	{ High }	12.56%

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C01A California Avenue and Abbot Kinney Boulevard

W.O. No. SZC12085



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		ANDREW PAPAC & SONS	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION per General Requirements Section 01293 & 01721	LS			\$37,656.00		\$37,657.00
2	ALLOWANCE FOR DIFFERING SITE CONDITIONS per General Requirements Sections 01212 & 01253	LS			\$63,364.00		\$63,364.00
3	ALLOWANCE FOR CITY'S CONSTRUCTION FIELD OFFICE & OFFICE SUPPLY per General Requirement Section 01212	LS			\$16,000.00		\$16,000.00
4	Shoring of Open Excavations (20 Feet Depth or Less)	LF	2,843	\$10.00	\$28,430.00	\$5.00	\$14,215.00
5	Rehabilitate by Non-Structural Lining 8" Sewer	LF	13,188	\$28.00	\$369,264.00	\$38.00	\$501,144.00
6	Rehabilitate by Non-Structural Lining 10" Sewer	LF	1,034	\$33.00	\$34,122.00	\$43.00	\$44,462.00
7	Rehabilitate by Non-Structural Lining 12" Sewer	LF	1,091	\$38.00	\$41,458.00	\$55.00	\$60,005.00
8	Rehabilitate by Non-Structural Lining 15" Sewer	LF	167	\$68.00	\$11,356.00	\$110.00	\$18,370.00
9	Remove Existing & Replace w/ 8" sewer, Case 1 Bedding	LF	996	\$125.00	\$124,500.00	\$135.00	\$134,460.00
10	Remove Existing & Replace w/ 8" sewer, Case 5 Bedding	LF	1,782	\$220.00	\$392,040.00	\$250.00	\$445,500.00
11	Remove Existing & Replace w/ 10" sewer, Case 1 Bedding	LF	65	\$190.00	\$12,350.00	\$500.00	\$32,500.00
12	Rehabilitate by Structural Lining 8" Sewer	LF	5,318	\$33.00	\$175,494.00	\$45.00	\$239,310.00
13	Rehabilitate by Structural Lining 10" Sewer	LF	605	\$43.00	\$26,015.00	\$65.00	\$39,325.00
14	Rehabilitate by Structural Lining 12" Sewer	LF	828	\$53.00	\$43,884.00	\$76.00	\$62,928.00
15	Rehabilitate by Structural Lining 15" Sewer	LF	24	\$78.00	\$1,872.00	\$800.00	\$19,200.00
16	Clean & CCTV Sewer	LF	22,255	\$2.00	\$44,510.00	\$2.00	\$44,510.00
17	Reconnect Existing HC Sewer	EA	119	\$375.00	\$44,625.00	\$500.00	\$59,500.00
18	Install Maintenance Hole	EA	27	\$10,000.00	\$270,000.00	\$7,500.00	\$202,500.00
19	Remove & Replace Drop MH Appurtenances	EA	1	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
20	Remove Flush Tank Mechanism And Remodel MH Base	EA	3	\$2,000.00	\$6,000.00	\$2,000.00	\$6,000.00
21	Remodel Maintenance Hole Base	EA	17	\$1,000.00	\$17,000.00	\$1,725.00	\$29,325.00
22	Adjust Maintenance Hole to Grade	EA	1	\$750.00	\$750.00	\$1,200.00	\$1,200.00
23	Chimney Riser Encasement	LF	161	\$100.00	\$16,100.00	\$110.00	\$17,710.00
24	Chimney Riser Structure	EA	22	\$2,200.00	\$48,400.00	\$4,000.00	\$88,000.00
25	Temporary Trench Resurfacing	TON	172	\$15.00	\$2,580.00	\$50.00	\$8,600.00
26	Grouting Joints and Pipe cracks	EA	134	\$45.00	\$6,030.00	\$4,200.00	\$562,800.00
27	Grouting Set-Up	EA	27	\$9,700.00	\$261,900.00	\$3,300.00	\$89,100.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$2,099,700.00		\$2,842,685.00
						{ High }	35.39%