

ESTIMATE: **La Selva Beach Phase III Main Replacements**

DATE: **April 11, 2007**

CWO: **07-126**

Item	Description	Quantity	Unit	Engineer's Estimate		Earthworks Paving Cont. Capitola, CA		The Don Chapin Co., Inc. Salinas, CA	
				Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
1	Installation of 6" Class 200 PVC water main on Margarita Road, Altivo Ave., and Elena Ave.	2685	L.F.	\$105.00	\$281,925.00	\$98.00	\$263,130.00	\$101.00	\$271,185.00
2	Installation of 8" Class 200 PVC water main on Altivo Ave.	890	L.F.	\$120.00	\$106,800.00	\$122.00	\$108,580.00	\$132.00	\$117,480.00
3	Installation of 6" Class 50 DI water main on San Andreas Rd. to Margarita Rd.	100	L.F.	\$115.00	\$11,500.00	\$211.00	\$21,100.00	\$310.00	\$31,000.00
4	Installation of 2" P.E. tubing SDR-9 200 PSI water main on Anita Ave.	220	L.F.	\$40.00	\$8,800.00	\$60.00	\$13,200.00	\$90.00	\$19,800.00
5	Installation of Chlorination Tap	5	EA	\$425.00	\$2,125.00	\$583.00	\$2,915.00	\$775.00	\$3,875.00
6	Installation of 2" Permanent Blow-off Assembly	3	EA	\$1,000.00	\$3,000.00	\$1,080.00	\$3,240.00	\$1,700.00	\$5,100.00
7	Abandonment of 2 1/2" water main from Estrella Ave. to Marea Ave. (as shown on the project plans)	1	LS	\$4,500.00	\$4,500.00	\$3,175.00	\$3,175.00	\$6,500.00	\$6,500.00
8	Replacement of Domestic Service (includes private side plumbing tie-overs as shown on project plans)	72	EA	\$1,200.00	\$86,400.00	\$921.00	\$66,312.00	\$1,995.00	\$143,640.00
9	Reconnection of Combination Fire and Domestic Service	4	EA	\$1,000.00	\$4,000.00	\$936.00	\$3,744.00	\$2,425.00	\$9,700.00
10	Installation of air/vacuum releas valves	2	EA	\$1,200.00	\$2,400.00	\$1,321.00	\$2,642.00	\$2,250.00	\$4,500.00
11	Reconnection of Fire Service	2	EA	\$1,000.00	\$2,000.00	\$1,290.00	\$2,580.00	\$2,500.00	\$5,000.00
12	Abandonment of existing Domestic Service	1	EA	\$500.00	\$500.00	\$355.00	\$355.00	\$975.00	\$975.00
13	Installation of J-3740 Steamer Fire Hydrant	6	EA	\$4,500.00	\$27,000.00	\$6,500.00	\$39,000.00	\$4,700.00	\$28,200.00
14	Abandonment of Wharfhead Hydrant	4	EA	\$750.00	\$3,000.00	\$679.00	\$2,716.00	\$1,000.00	\$4,000.00
15	Hot tap tie-in at existing 8" AC main on San Andreas Road	1	EA	\$3,500.00	\$3,500.00	\$4,271.00	\$4,271.00	\$6,500.00	\$6,500.00
16	Tie-in at existing 8" AC main Margarita Road	1	EA	\$4,500.00	\$4,500.00	\$4,368.00	\$4,368.00	\$8,000.00	\$8,000.00
17	Tie-in at existing 6" PVC main at intersection of Elena Ave. and Altivo Ave.	1	EA	\$4,000.00	\$4,000.00	\$3,558.00	\$3,558.00	\$3,900.00	\$3,900.00
18	Tie-in at existing 6" PVC main at 208 Altivo Ave.	1	EA	\$5,000.00	\$5,000.00	\$4,113.00	\$4,113.00	\$5,000.00	\$5,000.00
19	Tie-in at existing 8" AC main at intersection of Altivo Ave. and Loma Ave.	1	EA	\$5,000.00	\$5,000.00	\$8,540.00	\$8,540.00	\$11,500.00	\$11,500.00
20	Hot tap tie-in at existing 8" AC main at intersection of Altivo Ave. and Mar Monte Ave.	1	EA	\$3,500.00	\$3,500.00	\$3,150.00	\$3,150.00	\$6,100.00	\$6,100.00
21	4"x2" Hot tap tie-in at existing 4" AC main at 31 Anita Ave.	1	EA	\$2,000.00	\$2,000.00	\$1,895.00	\$1,895.00	\$4,800.00	\$4,800.00
22	Clearing and grubbing	1	LS		\$0.00	\$96,600.00	\$96,600.00	\$6,000.00	\$6,000.00
23	Erosion control	1	LS		\$0.00	\$5,614.00	\$5,614.00	\$7,500.00	\$7,500.00
24	Application of Cal Trans Type II slurry seal.	51,740	SQ-FT	\$0.40	\$20,696.00	\$0.20	\$10,348.00	\$0.25	\$12,935.00
					\$592,146.00		\$675,146.00		\$723,190.00

\*Math error in bid

\*Math error in bid

ESTIMATE: **La Selva Beach Phase III Main Replacements**

DATE: **April 11, 2007**

CWO: **07-126**

Item	Description	Quantity	Unit	Engineer's Estimate		Pacific Undergrnd Const., Inc. San Jose, CA		Monterey Peninsula Eng. Marina, CA	
				Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
1	Installation of 6" Class 200 PVC water main on Margarita Road, Altivo Ave., and Elena Ave.	2685	L.F.	\$105.00	\$281,925.00	\$127.00	\$340,995.00	\$123.00	\$330,255.00
2	Installation of 8" Class 200 PVC water main on Altivo Ave.	890	L.F.	\$120.00	\$106,800.00	\$136.00	\$121,040.00	\$130.00	\$115,700.00
3	Installation of 6" Class 50 DI water main on San Andreas Rd. to Margarita Rd.	100	L.F.	\$115.00	\$11,500.00	\$120.00	\$12,000.00	\$180.00	\$18,000.00
4	Installation of 2" P.E. tubing SDR-9 200 PSI water main on Anita Ave.	220	L.F.	\$40.00	\$8,800.00	\$50.00	\$11,000.00	\$60.00	\$13,200.00
5	Installation of Chlorination Tap	5	EA	\$425.00	\$2,125.00	\$1,600.00	\$8,000.00	\$750.00	\$3,750.00
6	Installation of 2" Permanent Blow-off Assembly	3	EA	\$1,000.00	\$3,000.00	\$2,400.00	\$7,200.00	\$1,500.00	\$4,500.00
7	Abandonment of 2 1/2" water main from Estrella Ave. to Marea Ave. (as shown on the project plans)	1	LS	\$4,500.00	\$4,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
8	Replacement of Domestic Service (includes private side plumbing tie-overs as shown on project plans)	72	EA	\$1,200.00	\$86,400.00	\$2,000.00	\$144,000.00	\$2,000.00	\$144,000.00
9	Reconnection of Combination Fire and Domestic Service	4	EA	\$1,000.00	\$4,000.00	\$2,300.00	\$9,200.00	\$3,500.00	\$14,000.00
10	Installation of air/vacuum releas valves	2	EA	\$1,200.00	\$2,400.00	\$2,300.00	\$4,600.00	\$2,300.00	\$4,600.00
11	Reconnection of Fire Service	2	EA	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
12	Abandonment of existing Domestic Service	1	EA	\$500.00	\$500.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
13	Installation of J-3740 Steamer Fire Hydrant	6	EA	\$4,500.00	\$27,000.00	\$5,000.00	\$30,000.00	\$4,500.00	\$27,000.00
14	Abandonment of Wharfhead Hydrant	4	EA	\$750.00	\$3,000.00	\$500.00	\$2,000.00	\$750.00	\$3,000.00
15	Hot tap tie-in at existing 8" AC main on San Andreas Road	1	EA	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00
16	Tie-in at existing 8" AC main Margarita Road	1	EA	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
17	Tie-in at existing 6" PVC main at intersection of Elena Ave. and Altivo Ave.	1	EA	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
18	Tie-in at existing 6" PVC main at 208 Altivo Ave.	1	EA	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
19	Tie-in at existing 8" AC main at intersection of Altivo Ave. and Loma Ave.	1	EA	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00
20	Hot tap tie-in at existing 8" AC main at intersection of Altivo Ave. and Mar Monte Ave.	1	EA	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
21	4"x2" Hot tap tie-in at existing 4" AC main at 31 Anita Ave.	1	EA	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
22	Clearing and grubbing	1	LS		\$0.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00
23	Erosion control	1	LS		\$0.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
24	Application of Cal Trans Type II slurry seal.	51,740	SQ-FT	\$0.40	\$20,696.00	\$0.40	\$20,696.00	\$0.25	\$12,935.00
					\$592,146.00		\$743,231.00		\$746,440.00

ESTIMATE: **La Selva Beach Phase III Main Replacements**

DATE: **April 11, 2007**

CWO: **07-126**

Item	Description	Quantity	Unit	Engineer's Estimate		D&D Pipelines San Francisco, CA		Vulcan Const. & Maintenance Fresno, CA	
				Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
1	Installation of 6" Class 200 PVC water main on Margarita Road, Altivo Ave., and Elena Ave.	2685	L.F.	\$105.00	\$281,925.00	\$130.00	\$349,050.00	\$138.00	\$370,530.00
2	Installation of 8" Class 200 PVC water main on Altivo Ave.	890	L.F.	\$120.00	\$106,800.00	\$130.00	\$115,700.00	\$158.00	\$140,620.00
3	Installation of 6" Class 50 DI water main on San Andreas Rd. to Margarita Rd.	100	L.F.	\$115.00	\$11,500.00	\$150.00	\$15,000.00	\$268.00	\$26,800.00
4	Installation of 2" P.E. tubing SDR-9 200 PSI water main on Anita Ave.	220	L.F.	\$40.00	\$8,800.00	\$100.00	\$22,000.00	\$128.00	\$28,160.00
5	Installation of Chlorination Tap	5	EA	\$425.00	\$2,125.00	\$2,500.00	\$12,500.00	\$480.00	\$2,400.00
6	Installation of 2" Permanent Blow-off Assembly	3	EA	\$1,000.00	\$3,000.00	\$3,000.00	\$9,000.00	\$1,680.00	\$5,040.00
7	Abandonment of 2 1/2" water main from Estrella Ave. to Marea Ave. (as shown on the project plans)	1	LS	\$4,500.00	\$4,500.00	\$2,000.00	\$2,000.00	\$3,480.00	\$3,480.00
8	Replacement of Domestic Service (includes private side plumbing tie-overs as shown on project plans)	72	EA	\$1,200.00	\$86,400.00	\$2,000.00	\$144,000.00	\$2,260.00	\$162,720.00
9	Reconnection of Combination Fire and Domestic Service	4	EA	\$1,000.00	\$4,000.00	\$3,000.00	\$12,000.00	\$860.00	\$3,440.00
10	Installation of air/vacuum releas valves	2	EA	\$1,200.00	\$2,400.00	\$3,000.00	\$6,000.00	\$2,200.00	\$4,400.00
11	Reconnection of Fire Service	2	EA	\$1,000.00	\$2,000.00	\$3,000.00	\$6,000.00	\$990.00	\$1,980.00
12	Abandonment of existing Domestic Service	1	EA	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$470.00	\$470.00
13	Installation of J-3740 Steamer Fire Hydrant	6	EA	\$4,500.00	\$27,000.00	\$6,000.00	\$36,000.00	\$5,610.00	\$33,660.00
14	Abandonment of Wharfhead Hydrant	4	EA	\$750.00	\$3,000.00	\$1,000.00	\$4,000.00	\$370.00	\$1,480.00
15	Hot tap tie-in at existing 8" AC main on San Andreas Road	1	EA	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$7,840.00	\$7,840.00
16	Tie-in at existing 8" AC main Margarita Road	1	EA	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$7,200.00	\$7,200.00
17	Tie-in at existing 6" PVC main at intersection of Elena Ave. and Altivo Ave.	1	EA	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$6,290.00	\$6,290.00
18	Tie-in at existing 6" PVC main at 208 Altivo Ave.	1	EA	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$6,430.00	\$6,430.00
19	Tie-in at existing 8" AC main at intersection of Altivo Ave. and Loma Ave.	1	EA	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$8,800.00	\$8,800.00
20	Hot tap tie-in at existing 8" AC main at intersection of Altivo Ave. and Mar Monte Ave.	1	EA	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$7,990.00	\$7,990.00
21	4"x2" Hot tap tie-in at existing 4" AC main at 31 Anita Ave.	1	EA	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$7,820.00	\$7,820.00
22	Clearing and grubbing	1	LS		\$0.00	\$5,000.00	\$5,000.00	\$5,510.00	\$5,510.00
23	Erosion control	1	LS		\$0.00	\$2,000.00	\$2,000.00	\$2,590.00	\$2,590.00
24	Application of Cal Trans Type II slurry seal.	51,740	SQ-FT	\$0.40	\$20,696.00	\$0.30	\$15,522.00	\$0.25	\$12,935.00
					\$592,146.00		\$781,772.00		\$858,585.00

<b>Apparent Low Bidder</b>	Earthworks Paving Cont.
<b>Low Bid</b>	\$675,146.00