

Las Virgenes Creek

Construction Code	Project Codes	Project Description	Study & Design Cost	Construction & Inspection Cost	Total Design & Construction	Projected O & M Costs	Comments	Priority
QL-01	LVC-01	Stabilize Headcut	7,920	26,400	34,320	6,000		Medium
	LVC-02	Monitor Channel Incision	1,500	5,000	6,500	5,000		Medium
	LVC-03	Create/Restore Wetlands	15,000	50,000	65,000	24,000		Medium
	LVC-04, 12A	Remove Concrete, Re-establish Soft Bottom	200,000	3,800,000	4,000,000	30,000	2,000' concr. channel likely having signif. downstream geomorphic destabilizing effect.	High
	LVC-05	Remove Obstructions and Rework Channel	4,500	15,000	19,500	0		Low
	LVC-06	Improve Detention Basin	12,210	40,700	52,910	12,000		Low
			241,130	3,937,100	4,178,230	77,000		
QL-02	LVC-09	Remove Rip-Rap	1,500	5,000	6,500	0		Medium
	LVC-10	Monitor Channel Incision	1,200	4,000	5,200	5,000		High
	LVC-11	Create/Restore Wetlands	5,700	19,000	24,700	7,000		Medium
	LVC-15	Stabilize Bank	4,500	15,000	19,500	2,000		Low
	LVC-17	Remove Portion of Parking Lot and Create/Restore	30,000	100,000	130,000	10,000	Small sediment reduction benefit; requires buying land	Low
	LVC-21	Pull Back Banks	13,800	46,000	59,800	10,000	Primarily sediment reduction	Medium
	LVC-22	Stabilize Channel	18,540	61,800	80,340	24,000		Medium
			75,240	250,800	326,040	58,000		
QL-03	LVC-26	Remove Barrier to Fish Movement	0	3,500	3,500	0		Medium
	LVC-27	Remove Cribwall	60,000	200,000	260,000	20,000		Low
	LVC-28	Stabilize Banks	14,490	48,300	62,790	12,000		Medium

(850 L.F upstrm of Thousand Oaks, 950 L.F dwnstrm to Mureau, 200 L.F. Mureau to Hwy 101
 Calabasas - LVC-04, 12A (remove concrete bottom, 1,800 L.F.) ENGINEER'S ESTIMATE

Item No.	Description	Unit	Est. Qty.	Unit Price	Total
1	Mobilization/Installation of Construction and Protective Fencing	L.S.	Job	\$25,000.00	\$25,000.00
2	Superintendence and Site Management	L.S.	Job	\$10,000.00	\$10,000.00
3	EXISTING CONCRETE RETAINING WALL FOUNDATION AND SUPPORT				
	Core Slab/Drill 16"x 16 ft. deep/Install H-beams/Backfill with concrete, piers 5 feet on center both sides	Each	800	\$1,500.00	\$1,200,000.00
	Construct new 2' x 3' grade beam at base of concrete side walls	L.F.	4000	\$100.00	\$400,000.00
4	DEMOLITION				
	Sawcut, remove bottom of box culvert.	S.Y.	4,500	\$15.00	\$67,500.00
	Dispose of concrete/steel/debris.	Ton	800	\$75.00	\$60,000.00
5	Grade, haul, dispose of soil for excavating low flow channel	C.Y.	14,000	\$40.00	\$560,000.00
6	Rock Check Grade Control every 50'	Ton	15000	\$100.00	\$1,500,000.00
7	PREPARE AND IMPLEMENT A SWPPP	L.S.	Job	\$15,000.00	\$15,000.00
	TOTAL				\$3,837,500.00

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	LVC-30A	Remove Barrier to Fish Movement	50,000	200,000	250,000	20,000	Would open up 1/4 mile of good quality fish habitat to Meadow Creek Lane.	High
			124,490	451,800	576,290	52,000		Low to High
QL-04	LVC-31	Stabilize Ravine	5,760	19,200	24,960	5,000		Medium
QL-05	LVC-34	Remove Barrier to Fish Movement	2,000	25,000	27,000	2,000		Low
QL-06	LVC-37	Pull back banks. Create/restore wetlands.	34,500	115,000	149,500	5,000	Repair not recommended; no infrastructure in danger.	Low
	LVC-38	Stabilize Headcuts	75,000	250,000	325,000	5,000	Not recommended	Low
	LVC-39	Monitor Incised Side Drainage and Sewer Pipeline	2,100	7,000	9,100	2,000		High
	LVC-40	Pull Back Banks; Create/Restore Wetlands	18,000	60,000	78,000	10,000		
			129,600	432,000	561,600	22,000		
QL-07	LVC-43	Remove Barrier to Fish Movement	50,000	160,000	210,000	20,000	Opens add'l. 1.2 miles of fish habitat to Lost Hills Rd. box culert	High
QL-08	LVC-44	Stabilize Banks	72,600	242,000	314,600	24,000	No infrastructure endangered at top of bank	Low