



West Las Positas Multimodal Reconstruction Project

CIP #11514

95% Engineer's Estimate Hopyard Rd to Stoneridge Dr



Submitted: May 30, 2025

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
ROADWAY					
1	MOBILIZATION	LS	1	\$3,000,000	\$3,000,000
2	CONSTRUCTION AREA SIGNS	LS	1	\$10,000	\$10,000
3	TRAFFIC CONTROL SYSTEM	LS	1	\$2,000,000	\$2,000,000
4	JOB SITE MANAGEMENT	LS	1	\$50,000	\$50,000
5	PREPARE CONSTRUCTION EQUIPMENT STAGING PLANS AND SPECIFICATIONS	LS	1	\$8,000	\$8,000
6	CLEARING AND GRUBBING	LS	1	\$115,000	\$115,000
7	TREE PROTECTION	LS	1	\$20,000	\$20,000
8	TREE REMOVAL	EA	172	\$1,800	\$309,600
9	CONSTRUCTION STAKING	LS	1	\$160,000	\$160,000
10	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$20,000	\$20,000
11	TRENCH SHORING	LS	1	\$50,000	\$50,000
12	HOT MIX ASPHALT (TYPE A)	TON	16,200	\$145	\$2,349,000
13	CLASS 2 AGGREGATE BASE	CY	7,330	\$73	\$535,090
14	CLASS 2 PERMEABLE MATERIAL	CY	690	\$85	\$58,650
15	DIGOUT	SQFT	7,830	\$3	\$23,490
16	PAVEMENT PULVERIZATION (14") - RECYCLED AGGREGATE BASE	SQFT	195,000	\$1.10	\$214,500
17	RECYCLED AGGREGATE BASE PLACEMENT (14")	SQFT	195,000	\$0.82	\$159,900
18	PAVEMENT EXCAVATION & DISPOSAL (16" EXISTING SUBGRADE/LIME TREATED BASE)	CY	3,470	\$138	\$478,860
19	PAVEMENT EXCAVATION & DISPOSAL (18" EXISTING SUBGRADE/LIME TREATED BASE)	CY	10,400	\$138	\$1,435,200
20	PAVEMENT EXCAVATION & DISPOSAL (12" ASPHALT CONCRETE+AGGREGATE BASE)	CY	9,690	\$62	\$600,780
21	LIME TREATMENT AND GRADING (18")	SQFT	187,000	\$3.15	\$589,050
22	LIME TREATMENT AND GRADING (16")	SQFT	70,700	\$3.05	\$215,635
23	SUBGRADE ENHANCEMENT GEOGRID	SQYD	50,300	\$4	\$201,200
24	STAMPED ASPHALT CONCRETE PAVEMENT	SQFT	10,300	\$20	\$206,000
25	ROADWAY EXCAVATION (LANDSCAPE MEDIAN)	CY	5,910	\$110	\$650,100
26	ROADWAY EXCAVATION (BIORETENTION AREA)	CY	5,530	\$110	\$608,300
27	REMOVE EXISTING MEDIAN CURB	LF	9,230	\$14	\$129,220
28	REMOVE CONCRETE (CURB & GUTTER, SIDEWALK, DRIVEWAY, CURB RAMP)	SQFT	79,400	\$11	\$873,400
29	REMOVE PAVER PEDESTRIAN CROSSWALK	SQFT	13,100	\$11	\$144,100
30	REMOVE LIGHTWEIGHT CELLULAR CONCRETE	SQFT	17,900	\$12	\$214,800
31	CONSTRUCT 42" MEDIAN VERTICAL CURB	LF	2,000	\$85	\$170,000
32	CONSTRUCT 36" MEDIAN VERTICAL CURB	LF	5,320	\$67	\$356,440
33	CONSTRUCT 24" MEDIAN VERTICAL CURB	LF	1,710	\$60	\$102,600
34	CONSTRUCT BUS STOP CURB	LF	450	\$55	\$24,750
35	CONSTRUCT BIORETENTION VERTICAL CURB	LF	8,020	\$85	\$681,700
36	CONSTRUCT BIORETENTION VERTICAL CURB (6" GUTTER PAN)	LF	7,430	\$95	\$705,850
37	CONSTRUCT CURB AND GUTTER	LF	1,000	\$65	\$65,000
38	CONSTRUCT CURB AND GUTTER (MODIFIED)	LF	1,370	\$60	\$82,200
39	CONSTRUCT RETAINING CURB	LF	2,320	\$50	\$116,000
40	CONSTRUCT CURB OPENING	EA	437	\$280	\$122,360
41	CONSTRUCT BIORETENTION CONCRETE TIE BEAM	EA	155	\$450	\$69,750
42	BIORETENTION PVC LINER	SQFT	92,100	\$0.35	\$32,235
43	CONSTRUCT DG BUFFER (2" DECOMPOSED GRANITE+8" AGGREGATE BASE)	SQFT	10,800	\$10	\$108,000
44	CONSTRUCT CONCRETE SIDEWALK	SQFT	48,450	\$15	\$726,750
45	CONSTRUCT CONCRETE ADA CURB RAMP	SQFT	5,250	\$38	\$199,500
46	CONSTRUCT CONCRETE BIKE RAMP	SQFT	3,600	\$40	\$144,000
47	CONSTRUCT CONCRETE BUS PAD	SQFT	5,100	\$30	\$153,000
48	CONSTRUCT CONCRETE HARDSCAPE	SQFT	6,400	\$25	\$160,000
49	CONSTRUCT CONCRETE (COLORIZED)	SQFT	1,900	\$25	\$47,500
50	CONSTRUCT STAMPED CONCRETE DRIVEWAY	SQFT	2,700	\$30	\$81,000
51	INSTALL DETECTABLE WARNING SURFACE	SQFT	1,620	\$60	\$97,200
52	MINOR CONCRETE (DRIVEWAY)	SQFT	23,300	\$15	\$349,500
53	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	15,400	\$10	\$154,000
54	TEMPORARY CONCRETE K-RAIL	LF	20,000	\$30	\$600,000
55	ALTERNATIVE TEMPORARY CRASH CUSHION	EA	23	\$5,000	\$115,000
56	CMS SIGNS	LS	1	\$70,000	\$70,000
57	COMPACTION GROUTING (WEST LAS POSITAS & STONERIDGE)	LS	1	\$120,000	\$120,000
58	TEMPORARY DRAINAGE INLET PROTECTION	EA	79	\$280	\$22,120
59	TEMPORARY CHECK DAM	LF	445	\$30	\$13,350
60	BIKE LANE BOLLARD WITH FLEXIBLE POST (TYPE K71)	EA	10	\$200	\$2,000
61	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,880	\$13	\$24,440
62	COLOR CYCLE LANE (GREEN BIKE LANE PAVEMENT MARKING)	SQFT	7,150	\$15	\$107,250
63	THERMOPLASTIC TRAFFIC STRIPE (12")	LF	2,500	\$2	\$5,000
64	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 9)	LF	12,500	\$2	\$25,000
65	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 22)	LF	40	\$2	\$80
66	THERMOPLASTIC TRAFFIC STRIPE (24 CURB)	LF	25	\$3	\$75
66	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 25)	LF	10,300	\$2	\$20,600
68	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 27B)	LF	530	\$2	\$1,060



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69	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 38)	LF	4,500	\$2	\$9,000
70	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 38A)	LF	425	\$2	\$850
71	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 39)	LF	1,270	\$2	\$2,540
72	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 39A)	LF	3,000	\$2	\$6,000
73	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 44)	LF	370	\$2	\$740
74	INSTALL ROADSIDE SIGN AND POST	EA	16	\$400	\$6,400
75	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8	\$250	\$2,000
76	RELOCATE ROADSIDE SIGN	EA	21	\$280	\$5,880
77	REMOVE ROADSIDE SIGN	EA	14	\$160	\$2,240
78	RESET ROADSIDE SIGN	EA	24	\$350	\$8,400
79	ADJUST MONUMENT TO GRADE	EA	5	\$1,700	\$8,500
80	RESET MONUMENT	EA	6	\$2,500	\$15,000
ROADWAY SUBTOTAL					\$21,372,735



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UTILITY					
81	RECTANGULAR STEEL TUBE PIPE	LF	1,050	\$140	\$147,000
82	15" REINFORCED CONCRETE PIPE	LF	120	\$250	\$30,000
83	18" REINFORCED CONCRETE PIPE	LF	605	\$300	\$181,500
84	21" REINFORCED CONCRETE PIPE	LF	13	\$380	\$4,940
85	24" REINFORCED CONCRETE PIPE	LF	205	\$400	\$82,000
86	30" REINFORCED CONCRETE PIPE	LF	30	\$430	\$12,900
87	42" REINFORCED CONCRETE PIPE	LF	36	\$680	\$24,480
88	48" REINFORCED CONCRETE PIPE	LF	955	\$750	\$716,250
89	4" PERFORATED PVC PIPE (MEDIAN CURBS)	LF	6,910	\$35	\$241,850
90	6" PERFORATED PVC PIPE (BIORETENTION)	LF	8,020	\$80	\$641,600
91	6" PVC PIPE (BIORETENTION)	LF	1,050	\$85	\$89,250
92	4" PVC PIPE (WATER)	LF	10	\$25	\$250
93	6" PVC PIPE (WATER)	LF	125	\$85	\$10,625
94	8" PVC PIPE (WATER)	LF	25	\$150	\$3,750
95	10" PVC PIPE (WATER)	LF	975	\$190	\$185,250
96	12" PVC PIPE (WATER)	LF	90	\$200	\$18,000
97	FLEXIBLE COUPLING	EA	39	\$175	\$6,825
98	POWERMAX COUPLING	EA	2	\$1,000	\$2,000
99	INSTALL COBBLESTONE SPLASH PAD (BIORETENTION AREA)	CY	13	\$800	\$10,400
100	INSTALL 6" WATER VALVE	EA	1	\$2,800	\$2,800
101	INSTALL 10" WATER VALVE	EA	12	\$3,000	\$36,000
102	CONVERT DRAINAGE INLET TO MANHOLE	EA	7	\$4,500	\$31,500
103	CONVERT DRAINAGE INLET TO OVERFLOW INLET	EA	1	\$5,000	\$5,000
104	REMOVE DRAINAGE INLET	EA	16	\$3,500	\$56,000
105	CITY OF PLEASANTON DRAINAGE INLET (TYPE II)	EA	7	\$4,500	\$31,500
106	CALTRANS TYPE G1 OVERFLOW INLET	EA	26	\$5,000	\$130,000
107	CLEANOUT	EA	67	\$1,000	\$67,000
108	6" BEEHIVE OVERFLOW INLET	EA	118	\$500	\$59,000
109	ADJUST STORM DRAIN MANHOLE TO GRADE	EA	16	\$3,500	\$56,000
110	CITY OF PLEASANTON STORM DRAIN MANHOLE (TYPE I)	EA	1	\$6,500	\$6,500
111	CITY OF PLEASANTON STORM DRAIN MANHOLE (TYPE III)	EA	1	\$8,000	\$8,000
112	RECONSTRUCT BOX AND GRATE	EA	1	\$2,500	\$2,500
113	6" VITRIFIED CLAY PIPE	LF	110	\$200	\$22,000
114	8" VITRIFIED CLAY PIPE	LF	555	\$250	\$138,750
115	UTILITY TRENCH CUTOFF	EA	35	\$1,000	\$35,000
116	ADJUST STREETLIGHT BOX	EA	1	\$1,700	\$1,700
117	ADJUST SANITARY SEWER MANHOLE TO GRADE	EA	18	\$2,000	\$36,000
118	ADJUST FIRE HYDRANT TO GRADE	EA	2	\$2,500	\$5,000
119	ADJUST WATER VALVE COVER TO GRADE	EA	43	\$1,700	\$73,100
120	ADJUST RECYCLED WATER VALVE COVER TO GRADE	EA	10	\$1,700	\$17,000
121	ABANDON 16" DUCTILE IRON PIPE	LF	105	\$150	\$15,750
122	16" DUCTILE IRON PIPE	LF	110	\$450	\$49,500
123	16" DIP FITTING	EA	4	\$4,000	\$16,000
UTILITY SUBTOTAL					\$3,310,470
LANDSCAPE					
124	SHRUBS AND GROUND COVER - 1 GAL	EA	7145	\$18.00	\$128,610.00
125	SHRUBS - 5 GAL	EA	2951	\$60.00	\$177,060.00
126	TREES - 15 GAL	EA	166	\$275.00	\$45,650.00
127	TREES - 24 BOX	EA	118	\$650.00	\$76,700.00
128	BIORETENTION SOIL MEDIA (BSM), 24" Depth	CY	2170	\$120.00	\$260,400.00
129	IMPORTED TOPSOIL, 24" Depth	CY	6140	\$105.00	\$644,700.00
130	PLANT ESTABLISHMENT WORK (90 DAYS)	LS	1	\$18,700.00	\$18,700.00
131	WOOD MULCH FOR PLANTING AREA, 3" Depth	CY	770	\$95.00	\$73,150.00
132	NON-FLOATING MULCH FOR BIORETENTION AREA, 3" Depth	CY	270	\$95.00	\$25,650.00
133	ROOT BARRIER	LF	10990	\$18.00	\$197,820.00
134	CHECK AND TEST EXISTING IRRIGATION FACILITIES	LS	1	\$9,000.00	\$9,000.00
135	IRRIGATION WATER SERVICE CHARGES	LS	1	\$6,600.00	\$6,600.00
136	1" REMOTE CONTROL VALVE	EA	22	\$750.00	\$16,500.00
137	MASTER VALVE - 1 1/2" REMOTE CONTROL VALVE	EA	2	\$800.00	\$1,600.00
138	48 STATION IRRIGATION CONTROLLER	EA	2	\$14,000.00	\$28,000.00
139	SUBSURFACE DRIP IRRIGATION FOR PLANTING AREA (INCLUDE DRIPINES, FLUSH VALVES, AND AIR RELIEF VALVES)	SQFT	82880	\$3.00	\$248,640.00
140	SUBSURFACE DRIP IRRIGATION FOR BIORETENTION AREA (INCLUDE DRIPINES, FLUSH VALVES, AND AIR RELIEF VALVES)	SQFT	29320	\$5.00	\$146,600.00
141	1 1/2" BACKFLOW PREVENTER ASSEMBLY	EA	2	\$7,000.00	\$14,000.00
142	1" FLOW SENSOR	EA	2	\$1,500.00	\$3,000.00
143	TREE BUBBLER	EA	568	\$115.00	\$65,320.00



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144	DRIP VALVE ASSEMBLY	EA	69	\$850.00	\$58,650.00
145	2 1/2" GATE VALVE	EA	11	\$900.00	\$9,900.00
146	LATERIAL LINE (SCHEDULE 40 PVC)	LF	29980	\$8.00	\$239,840.00
147	IRRIGATION MAINLINE (SCHEDULE 80 PVC)	LF	14200	\$14.00	\$198,800.00
148	1" QUICK COUPLING VALVE	EA	94	\$400.00	\$37,600.00
149	SLEEVE (SCHEDULE 80 PVC)	LF	4900	\$80.00	\$392,000.00
LANDSCAPE SUBTOTAL					\$3,124,490



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ELECTRICAL					
150	HOPYARD & W LAS POSITAS TRAFFIC SIGNAL MODIFICATIONS	LS	1	\$510,000	\$510,000
151	WILLOW & W LAS POSITAS TRAFFIC SIGNAL MODIFICATIONS	LS	1	\$455,000	\$455,000
152	HACIENDA & W LAS POSITAS TRAFFIC SIGNAL MODIFICATIONS	LS	1	\$510,000	\$510,000
153	STONERIDGE & W LAS POSITAS TRAFFIC SIGNAL MODIFICATIONS	LS	1	\$720,000	\$720,000
154	W LAS POSITAS LIGHTING MODIFICATIONS	LS	1	\$510,000	\$510,000
ELECTRICAL SUBTOTAL					\$2,705,000
SUBTOTAL					\$30,512,695
GRAND TOTAL					
					SUBTOTAL= \$30,512,695
					CONTINGENCY (10%) = \$3,051,300
					GRAND TOTAL = \$33,564,000