

**Stewart Park**  
**60% Construction Documents**  
**Estimated Construction Cost Summary**

**IMPROVEMENTS**

**Description** **Total**

**Project Initiation** **\$ 360,142**

Mobilization, Surveying Signage, Traffic Control	\$ 354,142
Erosion Control	\$ 6,000

**SITE CLEARING AND DEMOLITION** **\$ 590,656**

Demolition of 9th and 10th Streets, Parking Lot Removal, Concrete Pathway Removal and Sawcut, Park Furniture Removal, Clearing and Grubbing, Tree Protection and Tree Removal	\$ 590,656
---	------------

**GRADING AND EARTHWORK** **\$ 739,628**

Site grading, including import fill, to reconfigure site topography and allow for accessible pathways	\$ 496,500
Stormwater management	\$ 231,228
Culvert relocation	\$ 11,900

**PARK DESTINATIONS** **\$ 8,096,075**

Large Playground - playground equipment, safety surfacing, embankment slab and retaining walls, stairs, shade structures, and seating	\$ 1,693,563
Small Playground - playground equipment, wood fiber surfacing, shade structures, and seating	\$ 254,305
Splash Pad and Restroom - splash pad equipment, textured concrete paving, combined restroom and pump room with slab, water and sewer utilities	\$ 2,977,276
Entry Plazas - tiled entry planters, paving, fencing, and seating	\$ 370,416
Basketball/Pickleball Courts - court surfacing and striping, basketball posts, and retractable pickleball posts	\$ 231,675
Stage - overhead structure and 4' tall concrete floor - does not include electrical connection	\$ 712,600
Group Picnic Shelters - shade structure and tables	\$ 1,456,240
Skate Park	\$ 400,000

**PATHWAYS AND PARK FURNITURE** **\$ 1,200,362**

Concrete pathways and stairs	\$ 974,402
Standalone picnic tables, benches, trash cans, and other site furnishings	\$ 225,960

**ELECTRICAL** **\$ 618,823**

Electrical supply for new facilities, including pathway lighting, splash pad pump room, stage, and irrigation controller, and reconfiguration of existing system to connect to new transformer from SCE	\$ 618,823
---	------------

**PLANTING AND IRRIGATION** **\$ 1,704,459**

Turf	\$ 157,880
Lower water use turf in retention basin	\$ 127,620
Shrubs	\$ 538,823
Trees	\$ 40,730
Irrigation	\$ 839,406

**Street Parking** **\$ 244,311**

Asphalt, Curbs, and Street Striping	\$ 244,311
-------------------------------------	------------

Construction Subtotal \$ 13,554,456  
 Estimate Contingency 10% \$ 1,355,446

**Total Anticipated Construction Cost \$14,909,901.09**

Improvements square footage	564,241
<b>price per sf</b>	<b>\$26.42</b>

**Stewart Park**  
*60% Construction Documents*  
**Potential Phasing Summary**

<b>PHASE 1 IMPROVEMENTS</b>	
Description	Total
<b>Project Initiation</b>	<b>\$ 234,205</b>
Mobilization, Surveying Signage, Traffic Control	\$ 228,205
Erosion Control	\$ 6,000
<b>SITE CLEARING AND DEMOLITION</b>	<b>\$ 492,251</b>
Demolition of 9th and 10th Streets, Concrete Pathway Removal and Sawcut, Park Furniture Removal, Clearing and Grubbing, Tree Protection and Tree Removal	\$ 492,251
<b>GRADING AND EARTHWORK</b>	<b>\$ 666,855</b>
Site grading, including import fill, to reconfigure site topography and allow for accessible pathways	\$ 446,850
Stormwater management	\$ 208,105
Culvert relocation	\$ 11,900
<b>PARK DESTINATIONS</b>	<b>\$ 4,842,765</b>
Large Playground - playground equipment, safety surfacing, embankment slab and retaining walls, stairs, shade structures, and seating	\$ 1,693,563
Splash Pad and Restroom - splash pad equipment, textured concrete paving, combined restroom and pump room with slab, water and sewer utilities	\$ 2,977,276
Entry Plazas - tiled entry planters, paving, fencing, and seating	\$ 171,926
<b>PATHWAYS AND PARK FURNITURE</b>	<b>\$ 561,414</b>
Concrete pathways and stairs	\$ 450,087
Standalone picnic tables, benches, trash cans, and other site furnishings	\$ 111,327
<b>ELECTRICAL</b>	<b>\$ 482,623</b>
Electrical supply for new facilities - includes electrical supply for stage	\$ 482,623
<b>PLANTING AND IRRIGATION</b>	<b>\$ 1,139,484</b>
Turf	\$ 62,555
Lower water use turf in retention basin	\$ 127,620
Shrubs	\$ 301,741
Trees	\$ 36,657
Irrigation	\$ 610,911
Construction Subtotal	\$ 8,419,596
Estimate Contingency 10%	\$ 841,960
<b>Total Anticipated Construction Cost - PHASE 1</b>	<b>\$9,261,555.97</b>

## FUTURE PHASE IMPROVEMENTS

Description	Total
-------------	-------

<b>Project Initiation</b>	<b>\$</b>	<b>129,937</b>
---------------------------	-----------	----------------

Mobilization, Surveying Signage, Traffic Control	\$	125,937
Erosion Control	\$	4,000

<b>GRADING AND EARTHWORK</b>	<b>\$</b>	<b>72,773</b>
------------------------------	-----------	---------------

Site grading, including import fill, to reconfigure site topography and allow for accessible pathways	\$	49,650
Stormwater management	\$	23,123

<b>SITE CLEARING AND DEMOLITION</b>	<b>\$</b>	<b>98,405</b>
-------------------------------------	-----------	---------------

Demolition within Maple and Orange for future parking, clearing and grubbing, concrete pathway removal	\$	98,405
--	----	--------

<b>PARK DESTINATIONS</b>	<b>\$</b>	<b>3,253,310</b>
--------------------------	-----------	------------------

Small Playground - playground equipment, wood fiber surfacing, shade structures, and seating	\$	254,305
Entry Plazas - tiled entry planters, paving, fencing, and seating	\$	198,490
Basketball/Pickleball Courts - court surfacing and striping, basketball posts, and retractable pickleball posts	\$	231,675
Stage - overhead structure and 4' tall concrete floor - does not include electrical connection	\$	712,600
Group Picnic Shelters - shade structure and tables	\$	1,456,240
Skate Park	\$	400,000

<b>PATHWAYS AND PARK FURNITURE</b>	<b>\$</b>	<b>638,948</b>
------------------------------------	-----------	----------------

Concrete pathways and stairs	\$	524,315
Standalone picnic tables, benches, trash cans, and other site furnishings	\$	114,633

<b>ELECTRICAL</b>	<b>\$</b>	<b>136,200</b>
-------------------	-----------	----------------

Electrical supply for new facilities, including pathway lighting, splash pad pump room, stage, and irrigation controller, and reconfiguration of existing system to connect to new transformer from SCE	\$	136,200
---	----	---------

<b>PLANTING AND IRRIGATION</b>	<b>\$</b>	<b>564,975</b>
--------------------------------	-----------	----------------

Turf	\$	95,325
Shrubs	\$	237,082
Trees	\$	4,073
Irrigation	\$	228,495

<b>Street Parking</b>	<b>\$</b>	<b>244,311</b>
-----------------------	-----------	----------------

Asphalt, Curbs, and Street Striping	\$	244,311
-------------------------------------	----	---------

Construction Subtotal	\$	5,066,086
Estimate Contingency 10%	\$	506,609
Escalation 15%	\$	835,904

<b>Total Anticipated Construction Cost - FUTURE PHASES</b>	<b>\$</b>	<b>6,408,599.33</b>
--	-----------	---------------------

**Stewart Park**  
 60% Construction Documents  
 Estimated Construction Costs Details

sf                      acres                      price/ sf  
 564,241                      13.0                      \$26.42

<b>IMPROVEMENTS</b>				
Description	Quantity	Unit	Cost	Total
<b>GENERAL REQUIREMENTS</b>				<b>\$ 360,142</b>
Mobilization	1	LS	330,572.09	\$ 330,572
Survey Staking and Layout	564,241	SF	0.04	\$ 22,570
Temporary Construction Sign	1	EA	1,000.00	\$ 1,000
Erosion Control	1	LS	6,000.00	\$ 6,000
<b>SITE CLEARING AND DEMOLITION</b>				<b>\$ 590,656</b>
Tree Protection Fencing	3,016	LF	3.00	\$ 9,048
Tree Removal	6	EA	1,000.00	\$ 6,000
Clearing and Grubbing	448,103	SF	0.61	\$ 273,343
Remove Concrete Sidewalk	24,612	SF	4.00	\$ 98,448
Remove Concrete Curb + Gutter	802	LF	2.00	\$ 1,604
Remove Concrete Header	1,024	LF	2.00	\$ 2,048
Temporary Construction Fencing	3,741	LF	3.50	\$ 13,094
Electrical Demolition	1	LS	25,000.00	\$ 25,000
Remove Benches	11	EA	100.00	\$ 1,100
Remove Asphalt Base and Surfacing	75,484	SF	2.00	\$ 150,968
Sawcut Existing Pavement	2,451	LF	4.00	\$ 9,804
Remove Signs	2	EA	100.00	\$ 200
<b>CIP CONCRETE</b>				<b>\$ 278,725</b>
6" Wide Flush Concrete Curb	175	LF	32.00	\$ 5,600
Concrete Seatwall	142	LF	350.00	\$ 49,700
Concrete Seatwall with Spray	53	LF	350.00	\$ 18,550
Concrete Seatwall with Tile	275	LF	420.00	\$ 115,500
Concrete Stairs	284	SF	50.00	\$ 14,200
Concrete Retaining Wall	15	CY	1,550.00	\$ 22,475
Stage Floor and Ramp	34	CY	1,550.00	\$ 52,700
<b>PLAYGROUND + SPLASH PAD + COURT + SKATE PARK EQUIPMENT</b>				<b>\$ 3,294,943</b>
Playground Equipment and Shade	1	LS	1,136,800.00	\$ 1,136,800
Playmound with Tunnel	2	EA	15,164.00	\$ 30,328
Additional Aggregate for Tunnel	8	CY	105.00	\$ 840
Concrete Slab for Embankment Slide	28	CY	1,550.00	\$ 43,400
VersoSplash	1	EA	65,700.00	\$ 65,700
Flash Flood	1	EA	89,310.00	\$ 89,310
Bucket Trio	2	EA	41,590.00	\$ 83,180
Water Arch Bar	2	EA	21,510.00	\$ 43,020
Sidewall Fan Spray	6	EA	3,590.00	\$ 21,540
Jumping Stream Jet (w/ LED)	12	EA	12,610.00	\$ 151,320
Arch Jet Tunnel	1	EA	9,380.00	\$ 9,380
Triple Arch Jet (w/ LED)	4	EA	9,660.00	\$ 38,640
Ground Funnel (w/LED)	3	EA	9,660.00	\$ 28,980
Funnel Twist (w/LED)	3	EA	12,610.00	\$ 37,830
Shower	2	EA	7,000.00	\$ 14,000
6" Pipe	300	LF	90.00	\$ 27,000
4" and Smaller Pipe	1,500	LF	75.00	\$ 112,500
Drains	7	EA	500.00	\$ 3,500
Tank and Associated Infrastructure	1	EA	500,000.00	\$ 500,000
Filtration/Feature Pumps	4	EA	20,000.00	\$ 80,000
UV Unit (Recirculation, Feature 2, Feature 3)	3	EA	40,000.00	\$ 120,000
UV Unit (Feature 1)	1	EA	25,000.00	\$ 25,000
Chemical Pump	2	EA	2,000.00	\$ 4,000
Chemical Tank	2	EA	2,500.00	\$ 5,000
Dual Sump Pump	1	EA	3,000.00	\$ 3,000
Emergency Eyewash and Shower	1	EA	3,000.00	\$ 3,000
6-inch Basket Strainer	1	EA	6,000.00	\$ 6,000
Sand Filters w/ 3" Multiport Valve	2	EA	5,000.00	\$ 10,000
36"x36" Access Hatch	1	EA	5,000.00	\$ 5,000
Ladder	2	EA	3,000.00	\$ 6,000

Guardrail	30	LF	80.00	\$ 2,400
Potable Water Fill Line	1	EA	5,000.00	\$ 5,000
Electrical, Control, and Programming	1	EA	110,000.00	\$ 110,000
Start up and Training	1	EA	30,000.00	\$ 30,000
Pressure Test Pipe	1	EA	30,000.00	\$ 30,000
Skate Park Allowance	1	EA	400,000.00	\$ 400,000
Basketball Posts - Single	2	SF	3,540.00	\$ 7,080
Basketball Posts - Double	1	SF	6,195.00	\$ 6,195

**STRUCTURES** **\$ 2,648,650**

Stage	1	EA	659,900.00	\$ 659,900
Restroom and Pump House	1	EA	650,000.00	\$ 650,000
Restroom and Pump House Slab	25	CY	1,550.00	\$ 38,750
Picnic Structure	2	EA	650,000.00	\$ 1,300,000

**OTHER SITE FURNISHINGS** **\$ 880,370**

Picnic Table	54	EA	4,340.00	\$ 234,360
Recycling/ Trash Receptacle	12	EA	3,330.00	\$ 39,960
Bench	23	EA	1,860.00	\$ 42,780
Swing Bench	6	EA	70,370.00	\$ 422,220
Timber Seat	9	EA	4,000.00	\$ 36,000
Boulders	186	TONS	350.00	\$ 65,100
Stair Handrail	28	LF	150.00	\$ 4,200
Guardrail	110	LF	325.00	\$ 35,750

**SITE ELECTRICAL** **\$ 618,823**

New Southern California Edison 300kva primary underground service from pole to utility transformer.	1	LS	25,000.00	\$ 25,000
New 800 Amp main distribution switchboard 120/208V-3P-4W with main and meter.	1	LS	16,500.00	\$ 16,500
Panelboard 100 Amp 120/208-3P-4W (42 CKT NEMA 3R)	5	EA	4,150.00	\$ 20,750
Sump pump .05 HP 115 volt 60HZ	1	LF	600.00	\$ 600
3/4-inch Conduit (EMT)	500	LF	6.90	\$ 3,450
1-inch Conduit (EMT)	500	LF	8.45	\$ 4,225
3-inch Conduit (PVC)	1,500	LF	18.10	\$ 27,150
Pullboxes NEMA 3R (36"x36"x12"D)	7	EA	1,000.00	\$ 7,000
#12 Copper Wire	1,600	CLF	88.00	\$ 1,408
#10 Copper Wire	4,000	CLF	107.00	\$ 4,280
4/0 Copper Wire (kcmil)	5,200	CLF	975.00	\$ 50,700
Miscellaneous Fittings and Connectors and Mounting Equipment	1	LS	30,000.00	\$ 30,000
Trenching and Back Fill	2,500	LF	25.00	\$ 62,500
Walkway Lighting Fixtures	138	EA	2,100.00	\$ 289,800
Landscape Lighting fixtures	2	EA	830.00	\$ 1,660
Flood Lighting Fixtures	28	EA	1,200.00	\$ 33,600
Retrofit Sports Ball Park Lighting Heads to LED	6	EA	1,800.00	\$ 10,800
Basketball Court Light Fixtures	8	EA	1,300.00	\$ 10,400
Wallpack Light Fixtures	5	EA	400.00	\$ 2,000
Lighting Controls (Basic tork timers with Contactors 6-8 zones)	1	LS	10,000.00	\$ 10,000
Grounding	7	EA	1,000.00	\$ 7,000

**EARTHWORK** **\$ 501,800**

Earthwork (Import Fill)	8,100	CY	30.00	\$ 243,000
Cut	4,400	CY	15.00	\$ 66,000
Fill	12,500	CY	15.00	\$ 187,500
River Gravel	20	CY	265.00	\$ 5,300

**PAVING** **\$ 2,361,650**

Pedestrian Concrete Paving	64,008	SF	15.00	\$ 960,126
Textured Concrete (Splash Pad)	9,022	SF	58.00	\$ 523,266
Court Paving	8,400	SF	26.00	\$ 218,400
Decomposed Granite	571	SF	6.00	\$ 3,426
Poured-in-Place Synthetic Safety Surfacing	12,270	SF	25.00	\$ 306,750
Engineered Wood Fiber	5,389	SF	5.00	\$ 26,945
Pavers (Unilock Promenade 4"x12")	4,357	SF	18.00	\$ 78,426
Street Improvements - Vehicular Asphalt	23,922	SF	5.00	\$ 119,610
Street Improvements - Concrete Curb Ramp (w/ truncated domes)	6	EA	2,000.00	\$ 12,000
Street Improvements - Valley Gutter	789	LF	\$ 40.00	\$ 31,560
Street Improvements -Type D Curb	1,531	LF	\$ 35.00	\$ 53,585
Street Improvements -Type A-6 Curb and Gutter	719	LF	\$ 35.00	\$ 25,165
Street Improvements -Striping	2,391	LF	1.00	\$ 2,391

<b>IRRIGATION</b>				<b>\$ 839,406</b>
Irrigation System Allowance	279,802	SF	3.00	\$ 839,406
<b>PLANTS</b>				<b>\$ 865,053</b>
Fine Grading	279,802	SF	0.30	\$ 83,941
Sod Lawn - Turf	121,446	SF	1.00	\$ 121,446
Sod Lawn - Retention Basin	98,169	SF	1.00	\$ 98,169
Soil Preparation	2,412	CY	85.00	\$ 205,019
Mulch (3" thick XXsf)	750	CY	100.00	\$ 75,000
Shrubs/ Groundcover	60,187	SF	4.00	\$ 240,748
Trees (15 Gal)	96	EA	130.00	\$ 12,480
Trees ( 24" Box)	50	EA	565.00	\$ 28,250
<b>WATER UTILITIES</b>				<b>\$ 60,310</b>
Water Meter - Service Connection Fee	2	EA	980.00	\$ 1,960
Water Meter - Construction Meter Deposit	2	EA	2,650.00	\$ 5,300
Water Utilities - Plan Check Deposit	1	EA	7,500.00	\$ 7,500
Water Utilities - Will Serve Deposit	1	EA	500.00	\$ 500
2" Copper Pipe	530	LF	85.00	\$ 45,050
<b>SANITARY SEWERAGE UTILITIES</b>				<b>\$ 16,100</b>
Sanitary Sewer Cleanout	1	EA	100.00	\$ 100
Sanitary Sewer Manhole	1	EA	6,000.00	\$ 6,000
4" PVC Pipe (Sewer)	200	LF	50.00	\$ 10,000
<b>STORM UTILITY</b>				<b>\$ 237,828</b>
6" Area Drain	14	EA	50.00	\$ 700
18X18 Drop Inlet	11	EA	1,375.00	\$ 15,125
Storm Drain Pump	4	EA	18,000.00	\$ 72,000
Mitered Drain	3	EA	45.00	\$ 135
Storm Drain Cleanout	3	EA	100.00	\$ 300
Storm Drain Manhole	1	EA	6,000.00	\$ 6,000
Curb Drain	1	EA	150.00	\$ 150
6" HDPE Pipe (Storm Drain)	1,640	LF	26.00	\$ 42,640
Headwalls	2	EA	3,200.00	\$ 6,400
18" RCP Culvert	55	LF	120.00	\$ 6,600
Sediment Basin	1	LS	30,000.00	\$ 30,000
Biosoil	385	CY	100.00	\$ 38,519
Class 2 AB	193	CY	100.00	\$ 19,259
Construction Subtotal				\$ 13,554,456
Estimate Contingency 10%				\$ 1,355,446
<b>Total Anticipated Construction Cost</b>				<b>\$14,909,901.09</b>