



Staff Report

City of Manhattan Beach

TO: Honorable Mayor Aldinger and Members of the City Council

THROUGH: Geoff Dolan, City Manager

FROM: Richard Gill, Director of Parks and Recreation
Jim Arndt, Director of Public Works
Dana Greenwood, City Engineer
Ish Medrano, Engineering Tech II

DATE: April 1, 2008

SUBJECT: Review of Conceptual Design for Replacement of Play Equipment in Polliwog Park near Redondo Avenue

RECOMMENDATION:

Staff recommends that the City Council approve the conceptual design for the replacement of play equipment in Polliwog Park near Redondo Avenue.

FISCAL IMPLICATION:

Funds in the amount of \$1,145,000 are included in the current Capital Improvement Program budget for the design and construction of this project. The City will be spending \$110,840 for the design contract with David Volz Design (D.V.D.), leaving \$1,034,160 available for the construction of the projects. A \$90,000 reimbursement grant has been awarded to the City by the California Integrated Waste Management Board for the purchase of rubber tire recycled materials which will be used as the surface material at the Polliwog Park site. The initial purchase of the materials will be made by the City, with \$90,000 being reimbursed at a later date.

The following chart illustrates the construction costs for each component of the original project scope to meet a balanced budget, as well as the costs associated with the optional exercise equipment, swings or additional play pieces. The third column presents the cumulative costs for each added project, as well as any remaining project budget.

<u>Park Location</u>	<u>Estimated Construction Cost</u>	<u>Cumulative Total</u>	<u>Remaining Budget</u>
Manhattan Heights Park Playground	\$143,962	\$143,961	\$890,198
Manhattan Village Park	84,524	228,486	805,674
Marine Avenue Park	166,915	395,401	638,759
Polliwog Park	638,088	1,033,489	676
TOTAL	\$1,033,489		
Additive Alternate Exercise Equipment	\$38,500		
Either swings OR two additional play pieces	\$230,069		

BACKGROUND:

As noted in Fiscal Implication, the replacement of play equipment in Polliwog Park is one of four parks receiving replacement play equipment. During the February 19, 2008 Council Meeting, Council directed David Volz Design team to begin construction documents for replacing play equipment at Heights, Village and Marine Avenue Parks. It is estimated that after replacing the equipment at Heights, Village and Marine, there will be \$638,759 for the Polliwog Park project.

During the February 19 City Council meeting, Council directed staff and David Volz Design (D.V.D.) to return to Council with a final design showing play equipment that was of the traditional ramp and platform design which is a continuous play piece. Council also requested that the design include losing no trees and that any new trees planted not be palms. Council also stated that D.V.D. should design a less expensive way of fixing the drainage problem. Council also stated that the new plan should be on budget; however, the exercise equipment and a few of the prior play pieces that were shown to Council, which were for children of special needs, should be shown as additive alternates.

DISCUSSION:

Based on Council's direction from the February 19 meeting, staff and D.V.D. developed a plan using the play piece that was the traditional ramp and platform continuous play piece that Council liked. The other play pieces and exercise equipment that are additive alternates will also be shown how they too can fit into this area without removing any trees. During Tuesday's meeting, D.V.D. will show slides of what can be purchased and meet the budget (Attachment A) and what can be installed with additional funds (Attachment B). To meet the budget, it is estimated that only the ramp and platform continuous play piece can be installed. It will take an additional \$230,069 to install either swings or two additional play pieces that were previously shown to Council. It will take an additional \$38,500 to replace the exercise equipment. Attachment C details the costs of the two plans plus the exercise equipment.

It should be noted that staff has received a memo from the president of the Manhattan Beach 10K Run Committee stating the executive board approved recommending to the full board the donation of \$35,000 to the City for the exercise equipment. The Manhattan Beach 10K run committee has purchased and installed many par course stations throughout the city. The full board will vote next month on the recommendation.

Also, what is not included in the estimates in Fiscal Impact is the \$90,000 grant the City will receive for the rubberized surfaces in the play area from the California Waste Management Board.

If approved during Tuesday's meeting, D.V.D. and staff estimate the entire project will be completed by December 15, 2008.

CONCLUSION:

Staff recommends that the City Council review the information presented and select a design that meets the budget or select a design with additive alternates that could cost approximately \$275,000 more than the budget.

ATTACHMENTS:

- A. Design that meets budget
- B. Design with additive alternates
- C. Budget Estimates

AREA 'A' - BUDGET ESTIMATE

Date: March 25, 2008

Project: Polliwog Park, City of Manhattan Beach (AREA 'A')

Estimated By: gv

AREA 'A' PARK IMPROVEMENTS

Item No.	Item Description	Quantity	Unit	Unit Price	Total
1	Mobilization (Not to exceed 5% of total bid)	1	LS	\$ 27,000.00	\$ 27,000.00
2	Dust Control	1	LS	\$ 1,500.00	\$ 1,500.00
3	Temporary Construction Fence, 6' ht.	745	LF	\$ 5.00	\$ 3,725.00
4	Construction Surveying	1	LS	\$ 4,000.00	\$ 4,000.00
5	Demolition	1	LS	\$ 40,000.00	\$ 40,000.00
6	Site Drainage Improvements	1	LS	\$ 20,000.00	\$ 20,000.00
7	Repair, Adjust and/or Replace damage Irrigation components and turf within 10 feet of the perimeter improvements. (Includes irrigation and sod at the undeveloped portion of the existing playground)	7,000	SF	\$ 2.50	\$ 17,500.00
8	Weed Abatement	450	SF	\$ 0.05	\$ 22.50
9	Concrete Flatwork, 4-inch	6,500	SF	\$ 6.50	\$ 42,250.00
10	Interlocking Pavers	1,600	SF	\$ 18.00	\$ 28,800.00
11	Thicken Concrete Edge @ Playground	280	LF	\$ 35.00	\$ 9,800.00
12	Play Equipment (includes tax, shipping and installation)	1	LS	\$ 160,000.00	\$ 160,000.00
13	Rubberized Surfacing to meet ASTM, CPSC & Integrated Waste Management requirements	4,730	SF	\$ 15.00	\$ 70,950.00
14	Overhead Shade Structure	1,190	SF	\$ 65.00	\$ 77,350.00
15	4' Tubular Steel Fence	75	LF	\$ 120.00	\$ 9,000.00
16	Precast Café Table	2	EA	\$ 1,500.00	\$ 3,000.00
17	Precast Picnic Table	6	EA	\$ 1,200.00	\$ 7,200.00
18	Precast Sphere, 30-inch diameter	5	EA	\$ 1,800.00	\$ 9,000.00
19	Precast Park Bench	12	EA	\$ 1,800.00	\$ 21,600.00
20	Precast Litter Receptacle	8	EA	\$ 1,500.00	\$ 12,000.00
21	Raised Concrete Planter(12-inch high)	70	LF	\$ 100.00	\$ 7,000.00
22	Irrigation System (450 sf)	1	LS	\$ 1,000.00	\$ 1,000.00

Item No.	Item Description	Quantity	Unit	Unit Price	Total
23	Soil Preparation & Fine Grading	590	SF	\$ 0.35	\$ 206.50
24	Landscaping (Groundcover & Shrubs)	590	SF	\$ 7.50	\$ 4,425.00
25	Trees, 36" Box	2	EA	\$ 660.00	\$ 1,320.00
26	Root Barriers	2	EA	\$ 65.00	\$ 130.00
27	Mulch, 2" thick	590	SF	\$ 0.50	\$ 295.00
28	Landscape Maintenance, 90 days	12,585	SF	\$ 0.08	\$ 1,006.80
SUB-TOTAL					\$ 580,080.80
10% Contingency					\$ 58,008.08
Total Estimated Construction Cost					\$ 638,088.88

AREA 'B' - BUDGET ESTIMATE

Date: March 25, 2008

Project: Polliwog Park, City of Manhattan Beach (EXCERSIE CIRCUIT)

Estimated By: gv

AREA 'B' IMPROVEMENTS - EXERCISE CIRCUIT:

Item No.	Item Description	Quantity	Unit	Unit Price	Total
1	12 - Piece Excersie Circuit including resilient Surfacing	1	LS	\$ 35,000.00	\$ 35,000.00
SUB-TOTAL					\$ 35,000.00
10% Contingency					\$ 3,500.00
Total Estimated Construction Cost					\$ 38,500.00

AREA 'C' - BUDGET ESTIMATE

Date: March 25, 2008

Project: Polliwog Park, City of Manhattan Beach (AREA 'C')

Estimated By: gv

AREA 'C' IMPROVEMENTS

Item No.	Item Description	Quantity	Unit	Unit Price	Total
1	Mobilization (Not to exceed 5% of total bid)	1	LS	\$ 9,500.00	\$ 9,500.00
2	Dust Control	1	LS	\$ 1,500.00	\$ 1,500.00
3	Temporary Construction Fence, 6' ht.	450	LF	\$ 5.00	\$ 2,250.00
4	Construction Surveying	1	LS	\$ 2,000.00	\$ 2,000.00
5	Demolition	1	LS	\$ 5,000.00	\$ 5,000.00
6	Repair, Adjust and/or Replace damage Irrigation components and turf within 10 feet of the perimeter improvements	4,280	SF	\$ 2.50	\$ 10,700.00
7	Weed Abatement	2,575	SF	\$ 0.05	\$ 128.75
8	Concrete Flatwork, 4-inch	3,400	SF	\$ 6.50	\$ 22,100.00
9	Interlocking Pavers	990	SF	\$ 18.00	\$ 17,820.00
10	Thicken Concrete Edge @ Playground	165	LF	\$ 35.00	\$ 5,775.00
11	Swings (4) Standard Seats & (2) Bucket Seats	1	LS	\$ 30,000.00	\$ 30,000.00
12	Rubberized Surfacing to meet ASTM, CPSC & Integrated Waste Management Requirements	1,955	SF	\$ 15.00	\$ 29,325.00
13	Precast Picnic Table	7	EA	\$ 1,200.00	\$ 8,400.00
14	Precast Sphere, 30-inch diameter	17	EA	\$ 1,800.00	\$ 30,600.00
15	Precast Park Bench	2	EA	\$ 1,800.00	\$ 3,600.00
16	Precast Litter Receptacle	4	EA	\$ 1,500.00	\$ 6,000.00
17	Concrete Mow Curb	300	LF	\$ 15.00	\$ 4,500.00
18	Seatwall	65	LF	\$ 115.00	\$ 7,475.00
19	Irrigation System (2575 sf)	1	LS	\$ 3,000.00	\$ 3,000.00
20	Soil Preparation & Fine Grading	2,575	SF	\$ 0.35	\$ 901.25
21	Groundcover and/or Shrubs - 1 GALLON - 36"O.C.	290	EA	\$ 7.50	\$ 2,175.00
22	Trees, 36" Box	6	EA	\$ 660.00	\$ 3,960.00
23	Root Barriers	6	EA	\$ 65.00	\$ 390.00

Item No.	Item Description	Quantity	Unit	Unit Price	Total
24	Mulch, 2" thick	2,575	SF	\$ 0.50	\$ 1,287.50
25	Landscape Maintenance, 90 days	9,580	SF	\$ 0.08	\$ 766.40
SUB-TOTAL					\$ 209,153.90
10% Contingency					\$ 20,915.39
Total Estimated Construction Cost					\$ 230,069.29