

WATER SYSTEM REPLACEMENT FUND - FUND 623

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7031	Annual Line Replacements FY09	300	0	300										
7033	Water Main Replacement at Browning & Chisholm Courts	100	0	100										
7034	Water Main Replacement - Calaroga Avenue	100	60	40										
	<i>Caltrans Reimbursement</i>	<i>100</i>		<i>100</i>										
7035	City Irrigation System Backflow Replacements	121	37	84										
7038	SCADA PLC/Radio Replacement	315	161	154										
7039	SCADA System Record and Programming SCADA Update	200	4	196										
7040	Waterless Urinals	40	0	40										
7041	Cathodic Protection Master Plan	300	0	300										
7044	Annual Line Replacements FY08	300	0	300										
7047	Landscape Audits and Water Efficient Landscape Rebates	100	0	50	50									
7165	Highland 1000 Reservoir Replacement	4,122	28	550	3,544									
7003	Miscellaneous Hydrant Replacement Program	550	N/A	50	50	50	50	50	50	50	50	50	50	50
7006	Annual System Replacement Program	1,350	N/A	100	100	100	100	100	100	150	150	150	150	150
7013	High Efficiency Fixture Replacement Program	1,300	100	100	200	100	100	100	100	100	100	100	100	100
7030	Project Predesign Services	275	N/A	25	25	25	25	25	25	25	25	25	25	25
7037	Aqueducts Record Drawings Update	300	5	0	295									
7043	Asset Management Plan	100	0	0	100									
7046	Replace 16" Water Line near Mission & Willis	2,165	0	0	365	1,800								
7163	Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, and Grand	3,000	377	0	1,246	1,377								
	<i>Project Revenue</i>	<i>10</i>	<i>10</i>											
NEW	City-owned Turf Area Assessment and Pilot Turf Repl Program	35	0	0	35									
NEW	Demonstration Garden at City Hall	138	0	0	138									
TBD	Annual Line Replacements FY10	300	0	0	300									
7045	250-500 16" Transmission Main Replacement - Highland Blvd	1,400	0	0	0	1,400								
TBD	Annual Line Replacements FY11	300	0	0	0	300								
NEW	Highland 250 Pump Station Upgrade	400	0	0	0	400								
TBD	Annual Line Replacements - FY12 - FY19	14,500	0	0	0	0	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,000
NEW	Water System Master Plan Update	450	0	0	0	0	450							
NEW	Water System Master Plan Replacement Projects	2,500	0	0	0	0	0	500	500	500	500	500		
NEW	SCADA System Evaluation and Upgrade	500	0	0	0	0	0	0	0	0	0	0	500	

WATER SYSTEM REPLACEMENT FUND - FUND 623

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	TOTAL PROJECT COSTS			2,389	6,448	5,552	2,225	2,275	2,275	2,825	2,825	2,825	2,825	2,325
	Transfer to Fund 622 for Hesperian Reservoir												3,000	
	TOTAL EXPENDITURES			2,389	6,448	5,552	2,225	2,275	2,275	2,825	2,825	2,825	5,825	2,325
	REVENUES:													
	Interest			88	100	122	86	125	170	175	169	163	96	37
	Reimbursements			100										
	REVENUE SUBTOTAL:			188	100	122	86	125	170	175	169	163	96	37
	TRANSFERS IN FROM:													
	Replacement Transfer from Fund 621			2,000	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	2,500	2,500
	TRANSFERS SUBTOTAL:			2,000	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	2,500	2,500
	REVENUE TOTALS:			2,188	2,100	2,122	2,086	2,125	2,670	2,675	2,669	2,663	2,596	2,537
	BEGINNING FUND BALANCE:			12,411	12,210	7,862	4,432	4,293	4,143	4,538	4,388	4,232	4,070	841
	ENDING FUND BALANCE:			12,210	7,862	4,432	4,293	4,143	4,538	4,388	4,232	4,070	841	1,053

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

Project Title: Landscape Audits and Water Efficient Landscape Rebates

Project No.: 7047

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	50	50										100
Reimbursements													
Net Cost to Fund	0	50	50										100

DESCRIPTION:

This project will provide large landscape area surveys to assess irrigation needs and water budgets to assist property owners in controlling irrigation water use. In addition, rebates will be provided for the conversion of high-water use landscaping to water-efficient landscaping through the use of climate-appropriate plants and permeable landscaping.

JUSTIFICATION:

This project promotes water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Highland 1000 Reservoir Replacement

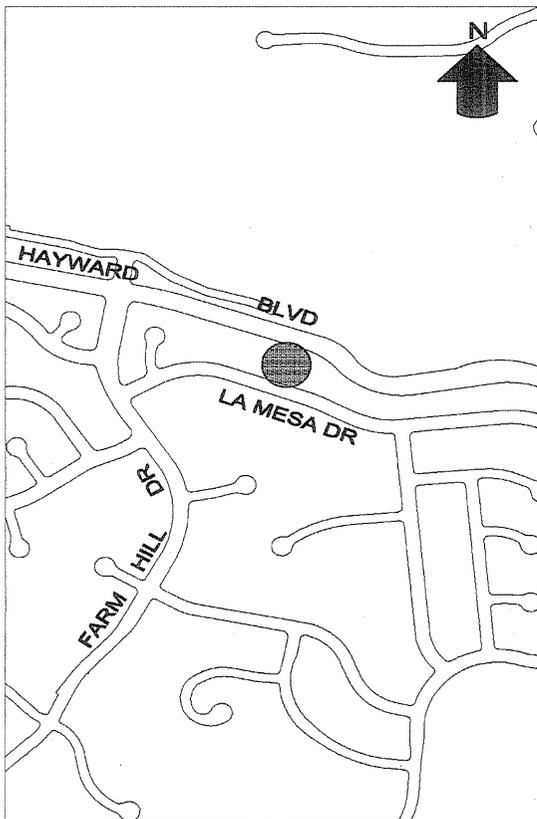
Project No.: 7165

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	28	550	3,544										4,122
Reimbursements													
Net Cost to Fund	28	550	3,544										4,122



DESCRIPTION:

Project to replace existing 1 MG reservoir with a new 2 MG reservoir to provide storage capacity for meeting emergency water demands in the 1000 Zone.

JUSTIFICATION:

Project recommended in the Water System Master Plan Update, December 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Miscellaneous Hydrant Replacement Program

Project No.: 7003

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	50	50	50	50	50	50	50	50	50	50	50	550
Reimbursements													
Net Cost to Fund	N/A	50	50	50	50	50	50	50	50	50	50	50	550

DESCRIPTION:

Annual replacement of fire hydrants by City crews and by contract. Program involves replacement with standard hydrants that have 4½" fire pumper connections.

JUSTIFICATION:

This project is a necessary safety maintenance measure.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 each year from FY14 through FY19 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual System Replacement Program

Project No.: 7006

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	100	100	100	100	100	100	150	150	150	150	150	1,350
Reimbursements													
Net Cost to Fund	N/A	100	100	100	100	100	100	150	150	150	150	150	1,350

DESCRIPTION:

Annual program for unanticipated repair and replacement of system components, e.g., pumps, valves, controls, etc., and repair of short main segments on an as-needed basis.

JUSTIFICATION:

This is part of a continuing program to maintain and upgrade water facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$100,000 during FY14 to continue this program; amount increased to \$150,000 per year from FY15 through FY19 to cover increased costs of material and labor.

OPERATING BUDGET IMPACTS:

This project reduces annual maintenance costs.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: High Efficiency Fixture Replacement Program

Project No.: 7013

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	100	100	200	100	100	100	100	100	100	100	100	100	1,300
Reimbursements													
Net Cost to Fund	100	100	200	100	100	100	100	100	100	100	100	100	1,300

DESCRIPTION:

Provide incentives to customers for the replacement of existing plumbing fixtures with water efficient models.

JUSTIFICATION:

This project promotes water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$900,000 to this project, which will allow it to become an annual program at a cost of \$100,000 per year.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Project Predesign Services

Project No.: 7030

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	25	25	25	25	25	25	25	25	25	25	25	275
Reimbursements													
Net Cost to Fund	N/A	25	25	25	25	25	25	25	25	25	25	25	275

DESCRIPTION:

City engineering costs associated with predesign of water projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

Predesign projects fund work by Engineering and Transportation Division staff involving preliminary design and general administrative work performed on the Capital Improvement Program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$25,000 added each year from FY14 through FY19 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Aqueducts Record Drawings Update

Project No.: 7037

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	5	0	295										300
Reimbursements													
Net Cost to Fund	5	0	295										300

DESCRIPTION:

This project will update record drawings for the City's four major aqueducts (Newark to Hayward, Hesperian, Mission, and Winton). This project will combine past record drawings with the individual changes from various developments in order to create a more complete and usable set.

JUSTIFICATION:

The existing copy of the aqueducts record drawings do not reflect changes, improvements, and relocations that have occurred since the construction of the aqueducts between 1962 and 1972. Specifically, there have been many changes due to development in Fremont and Union City.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Asset Management Plan

Project No.: 7043

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

DESCRIPTION:

An updated plan will serve to evaluate all major sewer facilities and pipelines as well as provide a schedule of cost estimates for the replacement/rehabilitation of such facilities and pipelines.

JUSTIFICATION:

This project will ensure proper maintenance of utilities, facilities, and pipelines.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Replace 16" Water Line near Mission Boulevard & Willis Avenue

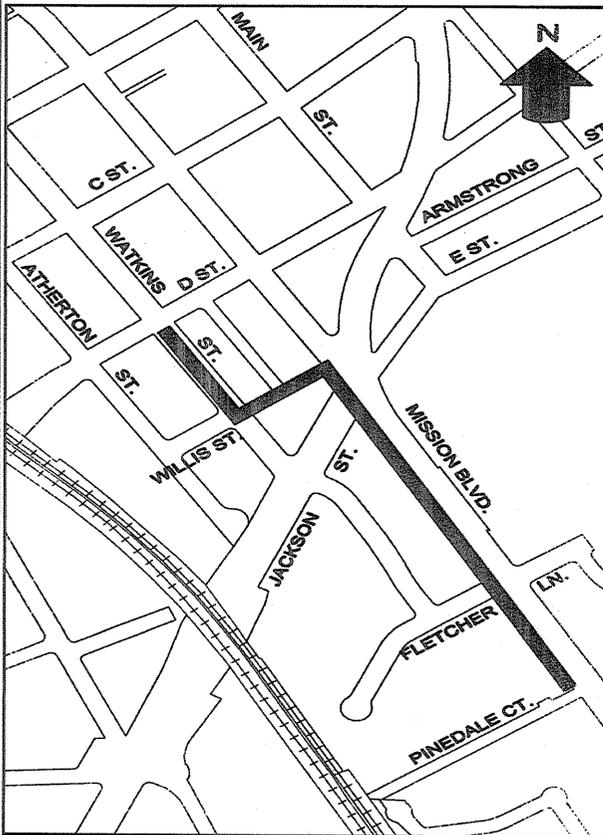
Project No.: 7046

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	365	1,800									2,165
Reimbursements													
Net Cost to Fund	0	0	365	1,800									2,165



DESCRIPTION:

Project to replace 2,500 feet of 16-inch pipeline with 30-inch pipeline near Willis Avenue and Mission Boulevard.

JUSTIFICATION:

Recommended in Water System Master Plan Update, December 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, and Grand

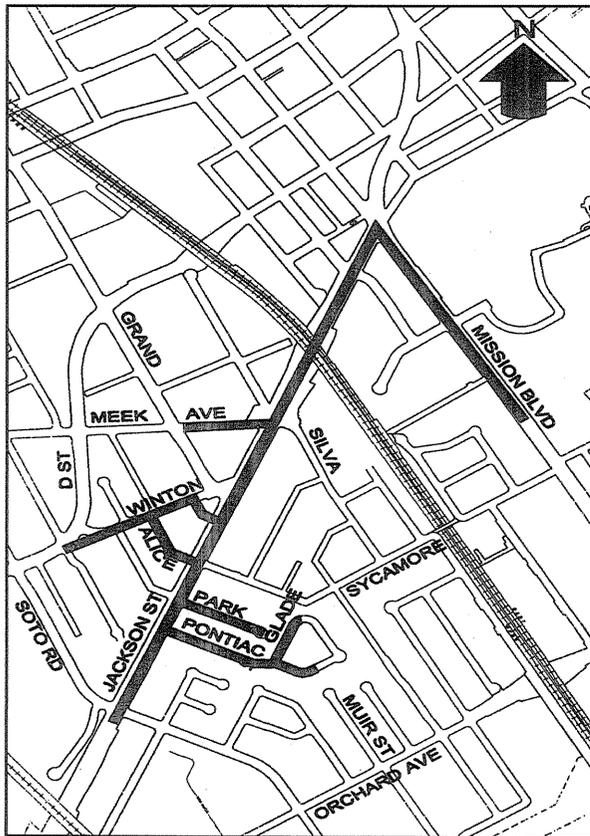
Project No.: 7163

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	377	0	1,246	1,377									3,000
Reimbursements													
Net Cost to Fund	377	0	1,246	1,377									3,000



DESCRIPTION:

Project to replace 8,500 linear feet of water mains in Jackson Street, Mission Boulevard, Pontiac Street, Meek Avenue, Glade Street, Winton Avenue, and Grand Street.

JUSTIFICATION:

The water mains at these locations are over 65 years old, and their replacement will provide adequate hydraulic capacity for desired flow in existing fire hydrants.

REIMBURSEMENTS:

Project Revenue 10

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

Project Title: City-owned Turf Area Assessment and Pilot Turf Replacement Program

Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	35										35
Reimbursements													
Net Cost to Fund	0	0	35										35

DESCRIPTION:

The study will identify all City-owned turf areas; assess its function and use; make turf replacement recommendations; and set priorities for implementation. From the assessment study, one or two sites would be chosen to implement water conservation measures in accordance with the priorities set forth in the assessment study. The implementation could include turf replacement with water-wise plants, or other complimenting alternative materials, or irrigation system replacement and rehabilitation, or combinations thereof.

JUSTIFICATION:

This project would support the City's commitment to water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

Project Title: Demonstration Garden at City Hall

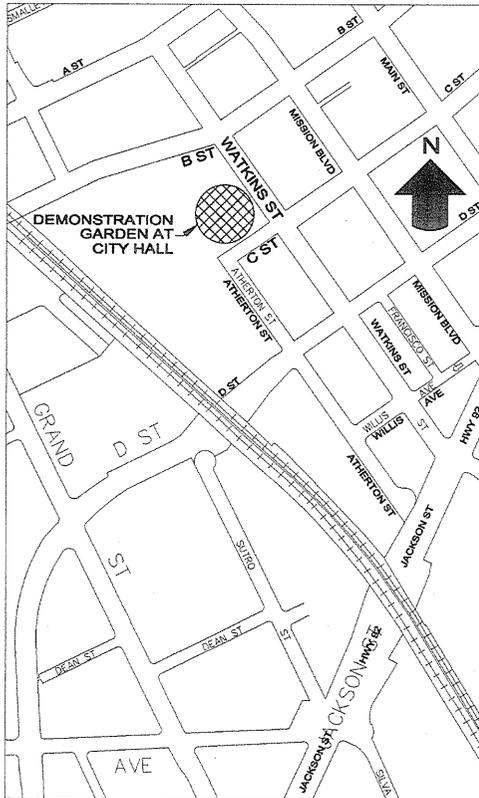
Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	138										138
Reimbursements													
Net Cost to Fund	0	0	138										138



DESCRIPTION:

This project would support an innovative, water-efficient demonstration garden next to a well-traveled walkway that connects City Hall to a regional public transportation station (BART). The garden would replace existing turf and non-native shrubs on a 4,785 sq. ft. area with a garden that encompasses water use efficiency, bay-friendly landscaping practices, and integrated pest control. The project would include an educational outreach program, with signage for a self-guided tour, and brochures.

JUSTIFICATION:

The primary objective of this project is to educate the public on the use of water-wise plants and efficient irrigation technologies as well as complying with a best management practice associated with State Regional Water Quality Control Board regulations.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual Line Replacements FY10

Project No.: To Be Determined

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	300										300
Reimbursements													
Net Cost to Fund	0	0	300										300

DESCRIPTION:

Citywide program to replace existing 4" mains with 6" mains. Each year, a group of mains will be replaced, and that targeted group will be segregated from the ongoing project to track costs.

JUSTIFICATION:

To provide adequate hydraulic capacity for desired flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: 250-500 16" Transmission Main Replacement-Highland Boulevard

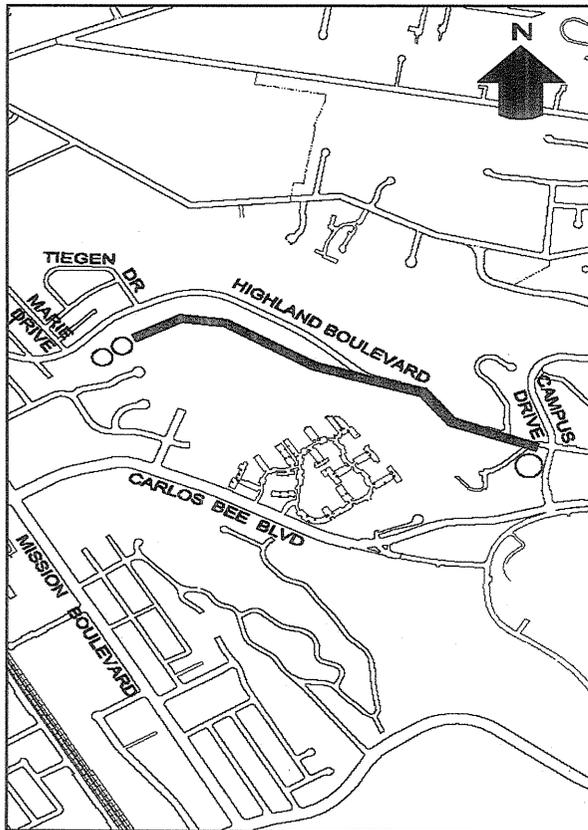
Project No.: 7045

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	1,400									1,400
Reimbursements													
Net Cost to Fund	0	0	0	1,400									1,400



DESCRIPTION:

This project will replace the existing 16-inch water main with an 18-inch steel pipe between the Highland 250 and Highland 500 reservoirs.

JUSTIFICATION:

The existing line is deteriorated and leaking and, therefore, is in need of rehabilitation or replacement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual Line Replacements FY11

Project No.: To Be Determined

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	300									300
Reimbursements													
Net Cost to Fund	0	0	0	300									300

DESCRIPTION:

Citywide program to replace existing 4" mains with 6" mains. Each year, a group of mains will be replaced, and that targeted group will be segregated from the ongoing project to track costs.

JUSTIFICATION:

To provide adequate hydraulic capacity for desired flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Highland 250 Pump Station Upgrade

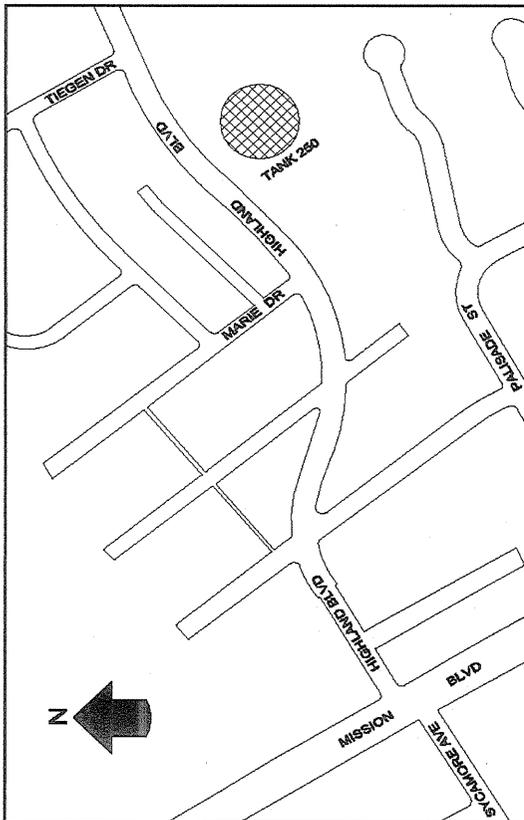
Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	400									400
Reimbursements													
Net Cost to Fund	0	0	0	400									400



DESCRIPTION:

This project will upgrade the existing Highland 250 Pump Station by replacing the existing pumps and associated equipment.

JUSTIFICATION:

The upgrading of the pump station will increase the reliability and reduce maintenance and operating costs. It will also increase the survivability of the pump station during a major earthquake.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual Line Replacements FY12-FY19

Project No.: To Be Determined

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,000	14,500
Reimbursements													
Net Cost to Fund	0	0	0	0	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,000	14,500

DESCRIPTION:

City-wide program to replace existing 4" mains with 6" mains. Each year, a group of mains will be replaced, and that targeted group will be segregated from the ongoing project to track costs.

JUSTIFICATION:

To provide adequate hydraulic capacity for desired flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding to \$2,000,000 each year commencing with FY15 in order to cover the increased cost of material and labor.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System Project Title: Water System Master Plan Update
 Project No.: New
 Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	450								450
Reimbursements													
Net Cost to Fund	0	0	0	0	450								450

DESCRIPTION:

The project will include analysis of current and future water demands, water pumping capacity, water storage adequacy, emergency preparedness, distribution system hydraulics and water quality. The Water System Master Plan Update will also include a discussion of distribution system deficiencies and prioritized recommended improvements with estimated costs for future CIP planning.

JUSTIFICATION:

Periodic project to determine the ultimate water supply needs of the City based on current land use and water demand versus future planned land use changes, projected population growth, and water demand.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Water System Master Plan Replacement Projects

Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	500	500	500	500	500			2,500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	500	500	500	500	500			2,500

DESCRIPTION:

It is anticipated that the Water System Master Plan, scheduled to be completed in 2012, will identify needed improvement projects in order to ensure the reliability of the City's water distribution system.

JUSTIFICATION:

This project serves as a place holder to fund implementation of the Plan recommendations that result in improvements to the system, such as replacing existing facilities and equipment.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: SCADA System Evaluation and Upgrade
 Project No.: New
 Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	500		500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	500		500

DESCRIPTION:

This project will fund an evaluation of the water portion of the SCADA system and implementation of recommended upgrades to the software and hardware.

JUSTIFICATION:

Periodic evaluation of the SCADA system will allow for the purchase of the most current and appropriate software to ensure the proper functioning of the system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

