

Capital Improvement Program



The Capital Improvement Program (CIP) consists of projects to enhance, repair, maintain, replace, or rehabilitate portions of the City/District's infrastructure. The CIP includes elements of the City/District's infrastructure such as storm drains, sanitary sewers, parks, public buildings, streets, median landscaping, bridges, water distribution, wastewater treatment, and traffic control devices.

The primary objective of the CIP is to develop and implement projects to ensure continued capacity and integrity of capital facilities necessary to effectively serve the City/District's needs. The following is a summary of active projects to be managed during Fiscal Year 2009-2010:

Ongoing Projects:

- **Synthetic Turf and Park Improvements – Catamaran and Sea Cloud S-3 (CIP 602)** – This CIP project scope of work includes the installation of a synthetic surface

soccer field, two lane walking track, basketball court lighting, and park site furniture at Catamaran Park; the installation of a synthetic surface soccer field, park site furniture and hardscape improvements at Sea Cloud Park. A contract was awarded to Top Grade Construction on January 20, 2009 in the amount of \$1,943,885 for construction of the improvements. Work is scheduled to begin in March of 2009 with anticipated completion in September 2009. Total project costs for construction, contingency, design and site improvements are estimated to be well within the \$2,700,000 budgeted for this project.

- **Sanitary Sewer Lift Station Improvements (CIP 603)**
 - This project continues the District's program of maintaining sanitary sewer lift stations and addressing preventative maintenance and upgrades to prolong the useful life of the lift stations. Since this program was implemented in FY 1999-00, 17 of the District's 49 lift stations have been completed. The most recent project

was completed in December 2007 and included five (5) lift stations. Lift Station improvements generally include items of work such as: repairing interior wet wells; installing new pumps, motors, and valves; replacing electrical and telemetry control systems; installing bypass piping and connections; and replacing corroded components with non-corrosive stainless steel materials.

Funding of \$150,000 has been approved to date. Additional funding of \$300,000 is proposed in FY 2009-10, followed by \$2,850,000 in FY 2010-11. It is anticipated that the Request for Proposals (RFP) for design services will be issued in Summer 2009, followed by an award for engineering services in Summer 2009. Design is expected to take approximately 8 months with construction anticipated in Fall 2010.

- **Residential Street Resurfacing & Repair (CIP 604)** – This biennial project is part of the City's ongoing program to maintain the public street system. The project focuses on streets in residential areas of the City. The Public Works Department uses the Pavement Management Program (PMP) database and program analysis to evaluate the condition of the City street network and to help identify street maintenance priorities. The program also helps determine the most cost effective treatment to extend the life of a section of roadway. A list of candidate residential streets for resurfacing and slurry seal work was compiled and presented to the City Council for the upcoming summer project. Bids were opened for the project on March 5, 2009. Construction is scheduled for Summer 2009. Project award is scheduled for the April 6, 2009 City Council meeting.

- **Park Infrastructure Improvements (CIP 605)** – This CIP project has two components. The first component is the dog park where contracts have been awarded in the amount of \$120,000 to complete the following improvements at the dog park:

- Installation of new synthetic turf to the big dog and little dog areas
- Upgrades to the lighting
- Improved drainage, specifically around the drinking fountains
- Addition of picnic table
- Improve gate entrances
- New signage with clear and concise rules and regulations

This work began in February 2009 and was completed by mid - March 2009.

The second component of this project includes repairs to park pathways and walkways at the following sites: Arcturus Park, Boothbay Park, Edgewater Park, Erckenbrack Park, Farragut Park, Gull Park, Ketch Park, Kildeer Park, Marlin Park, Port Royal Park, Recreation Center, Shad Park, Sunfish Park, and Turnstone Park. The scope of work is being developed by Parks Maintenance staff, and it is anticipated that plans and specifications will be completed by May of 2009 with the award of a contract for construction in July of 2009. The anticipated construction timeline for these repairs is July to October 2009. The approximate budget is \$250,000.

- **Arterial and Collector Overlay Project (CIP 606)** – Council gave approval in March 2009 for the City to advance fund this \$730,000 project for purposes of applying for funds from the American Recovery and Reinvestment Act of 2009. The City has applied for those funds, of which \$420,000 in Federal Funds is expected to be received. Construction will begin in FY 2009-2010.
- **Levee / Pedway Improvement and Repair (CIP 607)** – This project was split off of CIP 798 because the Tennis / Basketball Court Resurfacing component of that project was completed. The Levee / Pedway Improvement and Repair portion is an ongoing project. This project addresses deficiencies in the eight-mile long levee pedway system that surrounds the City and consists of the following:
 - Adjustment of surface grades in select areas
 - Installation of root barriers
 - Removal and replacement of failed asphalt
 - Slurry sealing
 - Crack sealing
 - Asphalt top coating
 - Refurbishment of the walking track.

Staff completed preliminary inspection and evaluation of the levee pedway in November 2007. The inspection of the pedway revealed a number of problems and deficiencies that were not identified when the budget estimate was originally developed. These include areas of the pathway that are in need of repairs due to up-heaving caused by tree roots. These repairs may require tree removal if future damage of the pedway is to be

avoided. Some of these trees are privately owned. In addition, private improvements have encroached onto the levee pedway easements. Removal of some of these private improvements may be necessary in order to complete the pathway repair and preventive maintenance work.

The preliminary construction cost estimate to perform repairs and preventive maintenance on the entire levee is approximately \$1.5 to \$2 million. A plan developed by staff includes completion of the boundary survey around the entire facility to clearly identify encroachments of structures, trees, and landscaping into the City's easement and property areas, and a three-phase approach to construction of the improvements in a clockwise direction starting at East Third Avenue / Foster City Blvd and ending at the southern end of Shell Cove near East Hillsdale Blvd and the San Mateo Slough.

- **WWTP Expansion Phase II (CIP 730)** –A construction contract in the amount of \$25,578,050, for the Anaerobic digester and dewatering facility improvements was awarded in January 2005 to Pacific Mechanical Corporation by the lead agency, the City of San Mateo. Notice to Proceed was effective on April 12, 2005 with a construction duration of 730 days. Contract change orders executed as of November 2008 revised the contract construction duration from 730 calendar days to 799 calendar days and the contract amount to \$26,201,455. Based on the contractor's progress of the work, construction completion is approximately 20 months beyond the contractual completion date. As of

early March 2009, the contractor has considered his work complete. This project will be closed in FY 2009-2010 when all punch list items and other open items are resolved.

- **Sewer System Rehabilitation (CIP 757)** – (Mains, Manholes and Force Mains) This project provides for the design and rehabilitation of various sewer lines based on assessment by closed circuit televising (CCTV) of the District's sewer mains, manhole inspections, and force main inventory and analysis. PW Maintenance staff has now completed the television inspection of the gravity collection system mains throughout the District. The information has been compiled and evaluated to identify sources of inflow and infiltration, pipe deficiencies, and other trouble areas where repair work is required.

In Summer 2008, Staff prepared contract documents for the first phase of this project which called for the rehabilitation of severely deteriorated sanitary sewer manholes. Bids were received for this project in October 2008. However, the two bids received for this work were significantly higher than the Engineer's Estimate and were rejected. Staff is presently redesigning the work to refine the scope of repair work in each manhole and to include additional acceptable rehabilitation products to lower the repair costs and generate a more competitive bid environment. Additional manholes are also being evaluated for inclusion in the project. The re-bidding of the first phase of work is planned for Summer 2009.

- **Water Main Condition Survey (CIP 760)** – A construction contract in the amount of \$419,800, for the

project was awarded on October 6, 2008 to West Valley Construction Company, Inc. The project consists of 24-inch valve replacements, installation of cathodic protection test stations, standardization of air release valves, and various other improvements to the 24-inch transmission main that would provide access to inspect and monitor the condition of the pipeline. Notice to Proceed was effective on December 1, 2008 with construction duration of 149 days. The main component of work, involving the shutdown of the transmission main, is scheduled for the week of March 23, 2009. Based on the contractor's progress, construction completion is anticipated by May 2009.

- **Follow Up on Bi-annual Caltrans Bridge Inspection (CIP 762)** – This project involves the review of biennial Caltrans inspection reports of City owned bridges (Bicentennial, Foster City, Rainbow, and Shell). Caltrans performs these bridge inspections every other year. CSG Consultant Inc. was retained to review and evaluate the Caltrans reports (for 1999, 2001, 2003, 2005 and 2007) and to prepare a Technical Memorandum outlining their recommendations and conclusions.

CSG's Technical Memorandums completed in 2004 and 2008 concluded that the bridges appear to be in generally good condition with no significant structural problems. The Technical Memorandums, however, recommended and prioritized a list of maintenance work items. The repair work was originally planned to be done over a five-year period as a systematic preventive maintenance program. In 2006, the first repair project was bid. However, the only bid received on this project

was significantly higher than the Engineer's Estimate and was rejected. To generate more competitive bidding, it is now planned to combine all repairs into a single larger project to be completed in the Summer of 2010.

- **Lagoon Pump Station Improvements (CIP 792)** – CIP 792 was merged with CIP 789 Outfall Gate Replacement. This project will remove existing corroded trash racks and its support structure at the Lagoon Pump Station. The new trash racks will be fabricated out of light weight material that is non-corrosive. The trash racks are installed in front of the pump bays to prevent large debris from damaging the pumps when the pumps are running. The project also includes structural concrete repairs as necessary. The Request for Proposal (RFP) was issued and at the meeting on August 4, 2008, the City Council awarded the engineering design services to Winzler & Kelly. The Technical Memorandum (TM) summarizing the findings from the condition assessment has been completed. The TM also included recommended design and construction method. The consultant has been directed to prepare the contract documents for construction. Construction is anticipated in July 2009.

- **Foster Center Teen Center and Recreational Facilities (CIP 794)** – Based on an effective Notice to Proceed date of April 9, 2008, the construction completion for the Teen Center is expected by May 4, 2009. After going through



a request for proposal (RFP) process, an agreement in the amount of \$24,500 was executed with Wormhoudt, Inc. for design of the skate park component of the Teen Center facilities. The budget for CIP 794 has sufficient funds for the construction of the Teen Center as well as for associated improvements and purchases. Construction of the skate park and landscaping is anticipated to be complete by October 2009.



Projects Completed:

- CIP 736 – Rehabilitation of City-Owned Lagoon Structures
- CIP 798 – Park Infrastructure Improvements



Projects Closed Out:

- CIP 601 – Park Infrastructure Improvements
- CIP 799 – Arterial and Collector Overlay Project

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THE CAPITAL IMPROVEMENT PROJECT BUDGETING PROCESS

As part of the City's Annual Budget and Five Year Financial Plan process, the City prepares a Five Year Capital Improvement Project plan. A Capital Improvement Project (or "CIP") is a plan for capital expenditures to provide for the acquisition, expansion or rehabilitation of an element of the City's physical plant to be incurred over a fixed period of several future years. Examples of such projects include:

- Street pavement projects
- City facilities construction / refurbishment
- Park infrastructure improvements (e.g., paving basketball courts, walkway construction or rehabilitation)
- Water valve or pipe replacement
- Sewer Lift Station refurbishment

Because the costs of such improvements are usually significant, the City prepares a Five Year Capital Improvement Project Plan so that it can anticipate future costs and funding strategies for projects.

CIP Planning Process

Identifying CIP Projects

Throughout the fiscal year, City staff members continually monitor the functional status and performance of all of the City's physical plant. Maintenance activities supporting City infrastructure are documented and analyzed to determine if rehabilitation or replacement is necessary. In addition, throughout the year, policy direction from the City Council may be received to construct, enhance or rehabilitate City facilities (e.g., the Foster City Teen Center). Staff makes note of these projects and begins to define the

scope, nature and extent of projects as may be required.

In December of each year, under the direction of the City Manager, staff members assemble to kick-off the Five Year CIP planning process. Updates on CIP projects currently underway are prepared for City Council review in a January study session. Existing projects on the previous year's Five Year CIP Plan are reviewed and updated. Staff also begins the process of formally identifying, for consideration by the City Council, any new CIP's which were not on the list in the previous year.

Cost Estimates

Over the next few months, staff develops a draft CIP Plan. Upon identifying the scope and nature of each project, staff begin to prepare cost estimates of the projects. Projects which come up within the next 1-2 years have detailed engineers' cost estimates prepared for purposes of determining the total cost of the project. Projects which are 3-5 years out have less-detailed cost estimates prepared, but are sufficient in detail to give an overall order-of-magnitude cost estimate for planning purposes. This is performed for both newly identified projects and projects that are being updated from the previous year's Five Year CIP Plan.

The City builds in an inflation factor to cost estimates that are 2-5 years out. Inflation factors can range anywhere from 2% to 10% per year. Assumptions are made based upon the historical trends and future expectations of raw material and labor costs for each project. For example, projects that have significant amounts of steel or oil products may have a high inflationary factor due to the price increases experienced and forecast for those raw materials. On the other hand, projects which entail dirt and sod may yield lower inflationary factors.

Cost estimates also include contingency factors that are based upon historical experience of similar projects and relative uncertainty with respect to the project itself. For example, a construction project built upon ground that is suspect to have hazardous materials may yield a higher contingency factor than a relatively simple replacement of walkways in a park. Staff exercises significant judgment based upon its professional experience in determining both inflationary factors and contingency factors.

Cost Components

Staff develops separate cost components for the design phase and the construction phase of a project, where necessary. For larger projects, the construction phase may also be split into separate components for project identification and manageability. In this way, the costs can be identified based upon the timing for each phase of the project. Cost estimates are then prepared and time-activated based upon each component of the project and as described above.

Funding Sources

Once the costs have been identified and projected, a financial analysis is prepared to determine whether or not the projects can be funded. Consideration is given to a variety of sources of funds, including:

- Grant funds
- Revenues dedicated for such purposes (e.g., Gas Tax funds for street improvements)
- Water and Sewer revenue rate projections
- Community Development Agency funding
- Existing money available that is not committed to other uses

Development of Five Year Plan

Funding sources are then compared to project cost estimates to

develop the Five Year CIP Plan. The timing of the various projects is taken into consideration given the status of the existing infrastructure, risk management considerations, Council Policy Calendar initiatives, and available funding.

Once the draft plan is created, it is presented to the City Council in a Study Session that is typically held in late March. Council then provides direction on each of the projects within the plan and any changes are incorporated into a revised Five Year CIP Plan. Any updates requiring further discussion are provided once again to the City Council at its May Budget Study Session.

The Council then holds a Public Hearing on the budget, which includes the Five Year CIP Plan, normally the first Monday in June. Subject to any public testimony and final Council direction, the final Five Year CIP Plan is prepared, and the project costs associated with any projects which are funded in the next fiscal year are appropriated by the City Council as part of the adoption of the Annual Budget.

FIVE YEAR CAPITAL IMPROVEMENT PROJECT PLAN (FISCAL YEAR 2009-2010 TO 2013-2014)

Category	NO.	PROJECT NAME	Funding Source*	TOTAL - Not Including Prior Years	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
WASTEWATER COLLECTION SYSTEM PROJECTS									
A	1	(CIP 603) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	CS	\$3,300,000	\$3,300,000				
A	2	(NEW CIP) SEWER SYSTEM REHABILITATION – FORCE MAINS, GRAVITY MAINS & MANHOLES	CS	\$800,000		\$150,000	\$650,000		
TOTAL WASTEWATER COLLECTION SYSTEM PROJECTS				2	\$4,100,000	\$3,300,000	\$150,000	\$650,000	\$0
WATER PROJECTS									
A	3	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)	CW	\$300,000	\$300,000				
A	4	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)	CW	\$200,000		\$200,000			
A	5	(NEW CIP) WATER VALVE REPLACEMENT (2012-2013)	CW	\$330,000				\$330,000	
TOTAL WATER PROJECTS				3	\$830,000	\$300,000	\$200,000	\$0	\$330,000
STREETS/TRAFFIC PROJECTS									
A	6	(CIP 606) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	MA, ARRA	\$730,000	\$730,000				
A	7	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010-2011)	MA	\$825,000		\$825,000			
A	8	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)	MA	\$865,000			\$865,000		
A	9	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012-2013)	MA, P1B	\$900,000				\$900,000	
A	10	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2013-2014)	MA	\$950,000					\$950,000
B	11	(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS (2009-2010)	P42	\$535,000	\$535,000				
TOTAL STREETS/TRAFFIC PROJECTS				6	\$4,805,000	\$1,265,000	\$825,000	\$865,000	\$900,000
STORMWATER/LAGOON PROJECTS									
NONE					\$0				
TOTAL STORMWATER/LAGOON PROJECTS				0	\$0	\$0	\$0	\$0	\$0
PARKS PROJECTS									
C	12	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	CC	\$210,000	\$210,000				
C	13	(CIP 607) LEVEE PEDWAY IMPROVEMENTS AND REPAIR (2009-2010 to 2011-2012)	CC, MA	\$1,900,000	\$700,000	\$615,000	\$585,000		
C	14	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	CC	\$190,000		\$190,000			
C	15	(NEW CIP) SEA CLOUD S-4 – SYNTHETIC TURF PARK IMPROVEMENTS (2011-2012)	PIL	\$1,515,000			\$1,515,000		
C	16	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	CC	\$300,000			\$300,000		
C	17	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	CC	\$120,000				\$120,000	
C	18	(NEW CIP) CATAMARAN PARK WOODEN BULKHEAD PRESERVATION (2013-2014)	CC	\$120,000					\$120,000
C	19	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2013-2014)	CC	\$110,000					\$110,000
C	20	(NEW CIP) LEVEE PARK ("DESTINATION PARK") PARK IMPROVEMENTS (2013-2014)	PIL	\$450,000					\$450,000
TOTAL PARKS PROJECTS				9	\$4,915,000	\$910,000	\$805,000	\$2,400,000	\$120,000
BUILDING PROJECTS									
NONE					\$0				
TOTAL BUILDING PROJECTS				0	\$0	\$0	\$0	\$0	\$0
GRAND TOTAL				20	\$14,650,000	\$5,775,000	\$1,980,000	\$3,915,000	\$1,350,000

* CC=CIP City, MA=Measure A, GT = Gas Tax, PIL=Park-in-Lieu Fees, CS=CIP Sewer, CW=CIP Water, P1B = Proposition 1B, P42 = Proposition 42, ARRA = American Recovery and Reinvestment Act of 2009 (i.e. Federal Stimulus Package)

TABLE A
FIVE YEAR CAPITAL IMPROVEMENT PROJECT PLAN (FY 2009-2010 TO FY 2013-2014)

Project No.	PROJECT DESCRIPTION		TOTAL
CATEGORY A PROJECTS			
1	(CIP 603) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	\$3,300,000	
2	(NEW CIP) SEWER SYSTEM REHABILITATION – FORCE MAINS, GRAVITY MAINS & MANHOLES	\$800,000	
3	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)	\$300,000	
4	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)	\$200,000	
5	(NEW CIP) WATER VALVE REPLACEMENT (2012-2013)	\$330,000	
6	(CIP 606) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	\$730,000	
7	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010-2011)	\$825,000	
8	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)	\$865,000	
9	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012-2013)	\$900,000	
10	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2013-2014)	\$950,000	
		Subtotal for Category A Projects	\$9,200,000
CATEGORY B PROJECTS			
11	(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS (2009-2010)	\$535,000	
		Subtotal for Category B Projects	\$535,000
CATEGORY C PROJECTS			
12	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	\$210,000	
13	(CIP 607) LEVEE PEDWAY IMPROVEMENTS AND REPAIR (2009-2010 to 2011-2012)	\$1,900,000	
14	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	\$190,000	
15	(NEW CIP) SEA CLOUD S-4 – SYNTHETIC TURF PARK IMPROVEMENTS (2011-2012)	\$1,515,000	
16	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	\$300,000	
17	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	\$120,000	
18	(NEW CIP) CATAMARAN PARK WOODEN BULKHEAD PRESERVATION (2013-2014)	\$120,000	
19	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2013-2014)	\$110,000	
20	(NEW CIP) LEVEE PARK ("DESTINATION PARK") PARK IMPROVEMENTS (2013-2014)	\$450,000	
		Subtotal for Category C Projects	\$4,915,000
GRAND TOTAL			\$14,650,000

**TABLE B
FIVE YEAR CAPITAL IMPROVEMENT PROJECT PLAN (FY 2009-2010 TO FY 2013-2014)**

No.	DESCRIPTION	CIP - CITY*	Foster City Foundation	MEASURE A	GAS TAX	ARRA 2009	PARK-IN-LIEU FEES	PROP 42 TRANS.	PROP 1B TRANS.	CIP WATER	CIP SEWER	TOTAL	No.
	Funds Available for CIP Projects	\$5,440,412 (1)	\$150,000	\$1,727,000	\$0	\$0	\$0	\$290,000	\$0	\$2,403,833	\$5,179,951	\$15,191,196	
	Revenue Projections (2)	\$975,000	\$114,000	\$2,378,000	\$0	\$440,000	\$4,057,900	\$1,644,000	\$459,000	\$2,069,000	\$3,437,000	\$15,573,900	
	Fund Transfers	\$2,400,000 (3)	(\$190,000) (4)				(\$2,210,000)					\$0	
	Total Available	\$8,815,412	\$74,000	\$4,105,000	\$0	\$440,000	\$1,847,900	\$1,934,000	\$459,000	\$4,472,833	\$8,616,951	\$30,765,096	
CATEGORY A PROJECTS													
1	(CIP 603) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT										\$3,300,000	\$3,300,000	1
2	(NEW CIP) SEWER SYSTEM REHABILITATION – FORCE MAINS, GRAVITY MAINS & MANHOLES										\$800,000	\$800,000	2
3	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)									\$300,000		\$300,000	3
4	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)									\$200,000		\$200,000	4
5	(NEW CIP) WATER VALVE REPLACEMENT (2012-2013)									\$330,000		\$330,000	5
6	(CIP 606) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)			\$290,000		\$440,000						\$730,000	6
7	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010-2011)			\$825,000								\$825,000	7
8	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)			\$865,000								\$865,000	8
9	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012-2013)			\$441,000					\$459,000			\$900,000	9
10	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2013-2014)			\$950,000								\$950,000	10
	SUB TOTAL OF CATEGORY A PROJECTS	\$0	\$0	\$3,371,000	\$0	\$440,000	\$0	\$0	\$459,000	\$830,000	\$4,100,000	\$9,200,000	
	FUNDS AVAIL. (LESS CATEGORY A PROJECTS)	\$8,815,412	\$74,000	\$734,000	\$0	\$0	\$1,847,900	\$1,934,000	\$0	\$3,642,833	\$4,516,951	\$21,565,096	
CATEGORY B PROJECTS													
11	(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS (2009-2010)							\$535,000				\$535,000	
	SUB TOTAL OF CATEGORY B PROJECTS	\$0	\$0	\$0	\$0	\$0	\$0	\$535,000	\$0	\$0	\$0	\$535,000	
	FUNDS AVAIL. (LESS CATEGORY A AND B PROJECTS)	\$8,815,412	\$74,000	\$734,000	\$0	\$0	\$1,847,900	\$1,399,000	\$0	\$3,642,833	\$4,516,951	\$21,030,096	
CATEGORY C PROJECTS													
12	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	\$210,000										\$210,000	12
13	(CIP 607) LEVEE PEDWAY IMPROVEMENTS AND REPAIR (2009-2010 to 2011-2012)	\$1,900,000										\$1,900,000	13
14	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	\$190,000										\$190,000	14
15	(NEW CIP) SEA CLOUD S-4 – SYNTHETIC TURF PARK IMPROVEMENTS (2011-2012)						\$1,515,000 (5)					\$1,515,000	15
16	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	\$300,000										\$300,000	16
17	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	\$120,000										\$120,000	17
18	(NEW CIP) CATAMARAN PARK WOODEN BULKHEAD PRESERVATION (2013-2014)	\$120,000										\$120,000	18
19	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2013-2014)	\$110,000										\$110,000	19
20	(NEW CIP) LEVEE PARK ("DESTINATION PARK") PARK IMPROVEMENTS (2013-2014)						\$450,000 (5)					\$450,000	
	SUB TOTAL OF CATEGORY C PROJECTS	\$2,950,000	\$0	\$0	\$0	\$0	\$1,965,000	\$0	\$0	\$0	\$0	\$4,915,000	
	FUNDS AVAIL. (LESS CATEGORY A, B, AND C PROJECTS)	\$5,865,412	\$74,000	\$734,000	\$0	\$0	(\$117,100)	\$1,399,000	\$0	\$3,642,833	\$4,516,951	\$16,115,096	

(1) Funds Available include \$2.0M Emerg. Reserve for CIP City

(2) Includes Interest Earnings.

(3) Transfers include \$190,000 from the Foster City Foundation (see #4 below).

(4) Grants totalling \$190,000 are expected to be received from the Foster City AYSO and PYSC youth soccer league organizations towards the Synthetic Turf projects at Catamaran Park and Sea Cloud Park S-3 funded in FY 2007-2008. As funds are received, they will be transferred back to the City CIP fund which advanced the funds in FY 2007-2008.

(5) The funding and timing of these projects will be based upon availability of Park-In-Lieu fees from development after reimbursement of costs associated with the Synthetic Turf Park Improvements at Catamaran and Sea Cloud (S-3) Parks (CIP 602)

**TABLE C
CAPITAL IMPROVEMENT PROJECT (CIP) PLAN (FISCAL YEAR 2009-2010)**

PROJECT NAME	Funding Source*	Total Project Cost	Prior Years' Funding	FY 2009-2010 Funding	Funding Sources				
					City Capital Investment	Measure A	ARRA	Prop 42	Sewer Capital Investment
SEWER PROJECTS									
(CIP 603) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	CS	\$ 3,450,000	\$ 150,000	\$ 3,300,000	\$ -	\$ -	\$ -	\$ -	\$ 3,300,000
TOTAL SEWER PROJECTS	1	\$ 3,450,000	\$ 150,000	\$ 3,300,000	\$ -	\$ -	\$ -	\$ -	\$ 3,300,000
WATER PROJECTS									
(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)	CW	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
TOTAL WATER PROJECTS	1	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
STREETS/TRAFFIC PROJECTS									
(CIP 606) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	MA, ARRA	\$ 730,000	\$ -	\$ 730,000	\$ -	\$ 290,000	\$ 440,000	\$ -	\$ -
(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS (2009-2010)	MA	\$ 765,000	\$ 230,000	\$ 535,000	\$ -	\$ -	\$ -	\$ 535,000	\$ -
TOTAL STREETS/TRAFFIC PROJECTS	2	\$ 1,495,000	\$ 230,000	\$ 1,265,000	\$ -	\$ 290,000	\$ 440,000	\$ 535,000	\$ -
STORMWATER/LAGOON PROJECTS									
NONE									
TOTAL STORMWATER/LAGOON PROJECTS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PARKS PROJECTS									
(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	CC	\$ 210,000	\$ -	\$ 210,000	\$ 210,000	\$ -	\$ -	\$ -	\$ -
(CIP 607) LEVEE PEDWAY IMPROVEMENTS AND REPAIR (2009-2010 to 2011-2012)	CC	\$ 950,000	\$ 250,000	\$ 700,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -
TOTAL PARKS PROJECTS	2	\$ 1,160,000	\$ 250,000	\$ 910,000	\$ 910,000	\$ -	\$ -	\$ -	\$ -
BUILDING PROJECTS									
NONE									
TOTAL BUILDING PROJECTS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL	6	\$ 6,405,000	\$ 630,000	\$ 5,775,000	\$ 910,000	\$ 290,000	\$ 440,000	\$ 535,000	\$ 3,600,000

* CC=CIP City, MA = Measure A; ARRA = American Recovery and Reinvestment Act of 2009 (aka Federal Stimulus Package) CS=CIP Sewer, CW=CIP Water

**TABLE D
ACTIVE AND PROPOSED CIP'S THROUGH FY 2013-2014**

ACTIVE PROJECT	DESCRIPTION	FY AUTH	PRIOR YEARS BUDGET AND ADJUSTMENT	CURRENT YEAR BUDGET AND ADJUSTMENT (2008-2009)	TOTAL APPROVED BUDGET AND ADJUSTMENT	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	ESTIMATED TOTAL PROJECT BUDGET
301-602	SYNTHETIC TURF AND PARK IMPROVEMENTS - CATAMARAN AND SEA CLOUD S-3	07/08	\$ 2,700,000	\$ -	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,700,000
455-603	SANITARY SEWER LIFT STATION IMPROVEMENTS	08/09	\$ -	\$ 150,000	\$ 150,000	\$ 3,300,000	\$ -	\$ -	\$ -	\$ -	\$ 3,450,000
301-604	RESIDENTIAL STREET RESURFACING AND REPAIR	08/09	\$ -	\$ 750,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
301-605	PARK INFRASTRUCTURE IMPROVEMENTS	08/09	\$ -	\$ 370,000	\$ 370,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 370,000
301-606	(CIP 606) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	08/09	\$ -	\$ -	\$ -	\$ 730,000	\$ -	\$ -	\$ -	\$ -	\$ 730,000
301-607	(CIP 607) LEVEE PEDWAY IMPROVEMENTS AND REPAIR (2009-2010 to 2011-2012)	06/07	\$ 250,000	\$ -	\$ 250,000	\$ 700,000	\$ 615,000	\$ 585,000	\$ -	\$ -	\$ 2,150,000
455-730	WWTP EXPANSION PHASE II - SOLIDS HANDLING FACILITY	98/99	\$ 9,381,000	\$ 250,000	\$ 9,631,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,631,000
455-757	SEWER SYSTEM REHABILITATION	00/01	\$ 630,000	\$ -	\$ 630,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,000
405-760	WATER MAIN CONDITION SURVEY	00/01	\$ 650,000	\$ 200,000	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 850,000
301-762	FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS	00/01	\$ 230,000	\$ -	\$ 230,000	\$ 535,000	\$ -	\$ -	\$ -	\$ -	\$ 765,000
301-792	LAGOON PUMP STATION IMPROVEMENTS	05/06	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
301-794	FOSTER CITY TEEN CENTER AND REC. FACILITIES	05/06	\$ 6,146,500	\$ -	\$ 6,146,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,146,500
NEW CIP	(NEW CIP) SEWER SYSTEM REHABILITATION - FORCE MAINS, GRAVITY MAINS & MANHOLES	09/10	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 650,000	\$ -	\$ -	\$ 800,000
NEW CIP	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)	09/10	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
NEW CIP	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
NEW CIP	(NEW CIP) WATER VALVE REPLACEMENT (2012-2013)	12/13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ -	\$ 330,000
NEW CIP	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010-2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ 825,000	\$ -	\$ -	\$ -	\$ 825,000
NEW CIP	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)	10/11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 865,000	\$ -	\$ -	\$ 865,000
NEW CIP	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012-2013)	11/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ -	\$ 900,000
NEW CIP	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2013-2014)	12/13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000	\$ 950,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	09/10	\$ -	\$ -	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ 190,000	\$ -	\$ -	\$ -	\$ 190,000
NEW CIP	(NEW CIP) SEA CLOUD S-4 - SYNTHETIC TURF PARK IMPROVEMENTS (2011-2012)	11/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,515,000	\$ -	\$ -	\$ 1,515,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	11/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	12/13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ 120,000
NEW CIP	(NEW CIP) CATAMARAN PARK WOODEN BULKHEAD PRESERVATION (2013-2014)	13/14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2013-2014)	13/14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ 110,000
NEW CIP	(NEW CIP) LEVEE PARK ("DESTINATION PARK") PARK IMPROVEMENTS (2013-2014)	13/14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
						\$ -	\$ -	\$ -	\$ -	\$ -	
	TOTAL		\$ 20,287,500	\$ 1,720,000	\$ 22,007,500	\$ 5,775,000	\$ 1,980,000	\$ 3,915,000	\$ 1,350,000	\$ 1,630,000	\$ 36,657,500

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CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT

Funding	Funding Sources	
	CIP Sewer	Total
2009-2010	3,300,000	3,300,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
2013-2014	-	-
Total	- 3,300,000	- 3,300,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	2,650,000	0%	-	2,650,000
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	2,650,000		-	2,650,000
Contingency 25%	662,500		-	662,500
Totals	3,312,500		-	3,312,500

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of a multi-phase program to rehabilitate the sewer system lift stations. Repair and rehabilitation work has been completed on sixteen (16) of the District's 49 lift stations. The most recent project was completed in December 2007 and included the rehabilitation of five (5) lift stations. A Lift Station Priority List will be developed for use in selecting the next

group of stations for rehabilitation.

Lift Station improvements generally include items of work such as: repairing interior wet wells; installing new pumps, motors, and valves; replacing electrical control cabinets and components; installing by-pass piping and connections; removing corroded components with non-corrosive materials; replacing existing lift station square manhole covers with round and lighter manhole covers; and installing control monitoring equipment.

Funding in the amount of \$150,000 was approved in FY 2008-2009. Funding in the amount of \$3,300,000 for design and construction is proposed for FY 2009-2010. This project is part of the District's program for maintaining sanitary sewer lift stations and addressing preventative maintenance and upgrades to extend the useful life of the lift stations. The program provides for a project to be constructed every 3 to 4 years to achieve economies of scale when rehabilitating the lift stations. Over a 30-year period, all of the District's 49 lift stations will be repaired and rehabilitated.

ESTIMATED PROJECT SCHEDULE:

Project Report and Design	Winter 2009-2010
Project Construction	Spring / Summer 2010
Project Closeout of Phase III	Early 2011

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

SEWER SYSTEM REHABILITATION – FORCE MAINS, GRAVITY MAINS & MANHOLES

Funding	Funding Sources	
	CIP Sewer	Total
2009-2010	-	-
2010-2011	150,000	150,000
2011-2012	650,000	650,000
2012-2013	-	-
2013-2014	-	-
Total	800,000	800,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	-	-	-
2010-2011	117,000	5%	5,900	122,900
2011-2012	470,000	10%	47,000	517,000
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	587,000		52,900	639,900
Contingency 25%	146,800		13,200	160,000
Totals	733,800		66,100	799,900

phase of the project will address localized pipe repair and manhole rehabilitation work that have been identified.

Video recording of the system will continue to be collected and project reports prepared to identify repair and rehabilitation projects to extend the useful life of the sewer mains and manholes throughout the District's collection system. Problem areas to be evaluated and addressed by this project include:

- Areas of the gravity collection system where differential settlement has caused grade variations or sags within the pipelines. These sags exacerbate the deposition of grease and debris resulting in the need for more frequent maintenance.
- Repairs to various force mains have been required in recent years. A force main study is needed to inspect and evaluate the condition of force mains throughout the District's service area. A Request for Proposal to evaluate force mains will be prepared and issued in 2010.

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of a multi-phase program, to assess the condition and perform repairs to the sanitary collection system. Public Works Maintenance staff has now completed the television inspection of the gravity collection mains throughout the District. The inspections completed to date show that the system is in generally good condition although corrosion damage and repair/rehabilitation work is required at some locations. The first

ESTIMATED PROJECT SCHEDULE:

Preliminary Design and Compiling of Repair/Rehabilitation Locations	FY 2010-2011
Project Design	FY 2011-2012
Construction	Summer/Fall 2012

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER VALVE REPLACEMENT (2010-2011)

Funding	Funding Sources	
	CIP Water	Total
2009-2010	300,000	300,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
2013-2014	-	-
Total	300,000	300,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2009-2010	228,500	-	-	228,500
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	228,500	-	-	228,500
Contingency 25%	57,100	-	-	57,100
Totals	285,600	-	-	285,600

through the installation of new valves, replacement of existing valves and various improvements to the water system to improve reliability and minimize service impacts to customers. Valves to be replaced are determined primarily through testing during the annual water main / fire hydrant flushing program. Additional valves will be added based on examination of the system and identifying the need for installing additional isolation valves.

This on-going program helps keep the water distribution system in good condition providing for reliable service to the community. The program includes strategic use of line-stop technologies to minimize water service interruptions to customers during the construction period.

ESTIMATED PROJECT SCHEDULE:

This project is scheduled every other year to put together a project sizeable enough to attract competitive bids.

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of the District's ongoing maintenance program of maintaining and upgrading the water system

Design (In-house)
Construction

FY 2009-2010
Summer/Winter 2010

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER MAIN CONDITION SURVEY (2010-2011)

Funding	Funding Sources	
	CIP Water	Total
2009-2010	-	-
2010-2011	200,000	200,000
2011-2012	-	-
2012-2013	-	-
2013-2014	-	-
Total	200,000	200,000

Expenditures	Expenditure Categories				Total
	Design and CM	Construction	Inflation %	Inflation Escalation	
2009-2010	-	-	-	-	-
2010-2011	180,000	-	5%	-	180,000
2011-2012	-	-	10%	-	-
2012-2013	-	-	15%	-	-
2013-2014	-	-	20%	-	-
Subtotal	180,000	-	-	-	180,000
<i>Contingency</i>					
Design	10%	18,000	-	-	18,000
Construct.	25%	-	-	-	-
Totals	198,000	-	-	-	198,000

Phase II improvements include replacing existing gate valves, replacing and standardizing air release valves, and installing cathodic protection test stations to monitor the main as the system ages. Phase II improvements also include constructing entry points along the 24-inch transmission main to inspect and monitor the condition of the interior of the pipeline in future years. Phase II work is currently under construction and is anticipated to be completed by May 2009.

Initial surveys indicate that the transmission main is in good condition. Nevertheless, it is prudent to continue monitoring the main, particularly after the completion of any significant construction on the line. A budget of \$200,000 is proposed in FY 2010-2011 to provide for subsequent investigations and assessment work following the completion of Phase II improvements under CIP 760. It is anticipated that more advanced pipeline investigation technologies will be available at that time that may yield additional information on the condition of the pipeline. Future inspection of the interior of the pipelines can be performed by inserting television cameras through the access points being constructed along the pipeline as part of the Phase II work.

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

This project provides for the subsequent surveying and monitoring of the 24-inch transmission main, following the Phase I condition assessment and Phase II improvements completed under CIP 760.

Based on the results of the survey, any additional construction costs would be presented at that time.

ESTIMATED PROJECT SCHEDULE:

Investigation and Condition Assessment

FY 2010-2011

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER VALVE REPLACEMENT (2012-2013)

Funding	Funding Sources	
	CIP Water	Total
2009-2010	-	-
2010-2011	-	-
2011-2012	-	-
2012-2013	330,000	330,000
2013-2014	-	-
Total	330,000	330,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	-	-	-
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	228,500	15%	34,300	262,800
2013-2014	-	20%	-	-
Subtotal	228,500		34,300	262,800
Contingency 25%	57,100		8,600	65,700
Totals	285,600		42,900	328,500

through the installation of new valves, replacement of existing valves and various improvements to the water system to improve reliability and minimize service impacts to customers. Valves to be replaced are determined primarily through testing during the annual water main / fire hydrant flushing program. Additional valves will be added based on examination of the system and identifying the need for installing additional isolation valves.

This on-going program helps keep the water distribution system in good condition providing for reliable service to the community. The program includes strategic use of line-stop technologies to minimize water service interruptions to customers during the construction period.

ESTIMATED PROJECT SCHEDULE:

This project is scheduled every other year in order to put together a project sizeable enough to attract competitive bids.

Design (In-house)
Construction

FY 2011-2012
Summer/Winter 2012

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

This project is part of the District's ongoing maintenance program of maintaining and upgrading the water system

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)

Funding	Funding Sources		
	Measure A	ARRA	Total
2009-2010	290,000	440,000	730,000
2010-2011	-	-	-
2011-2012	-	-	-
2012-2013	-	-	-
2013-2014	-	-	-
Total	290,000	440,000	730,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	584,000		-	584,000
2010-2011	-	5%	-	-
2011-2012		10%	-	-
2012-2013		15%	-	-
2013-2014	-	20%	-	-
Subtotal	584,000		-	584,000
Contingency	25%	146,000	-	146,000
Totals	730,000		-	730,000

The intent of this project is to maximize the use of available federal and state transportation grant funding to address the resurfacing needs of arterial and collector streets. Future multi-year funding is proposed to assure availability of local matching funds to maximize grant eligibilities. Funding for the local share of the Arterial Overlay Project will be provided from local Measure A revenues and Gas Tax funds.

Approximately \$440,000 in federal funding will be available in FY 2008-2009 as part of the American Recovery and Reinvestment Act (ARRA) of 2009. This funding will be used to complete the resurfacing of Foster City Boulevard from Foster City Boulevard Bridge by Marlin Cove Shopping Center to Beach Park Boulevard. Construction of this project is planned for Summer 2009 to make use of the federal economic stimulus funding. The \$730,000 budget will cover the initial cost of construction while reimbursement requests are submitted for the ARRA funding.

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

As part of the City's ongoing maintenance program for the public street system, resurfacing and repairs of public arterial and collector streets is critical. This project complements the Residential Street Resurfacing and Repair project which targets primarily residential streets and focuses on slurry seals.

ESTIMATED PROJECT SCHEDULE:

Project Design – In-house	FY 2008-2009
Construction	Summer 2009

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

RESIDENTIAL STREET RESURFACING AND REPAIR (2010-2011)

Funding	Funding Sources	
	Measure A	Total
2009-2010	-	-
2010-2011	825,000	825,000
2011-2012	-	-
2012-2013	-	-
2013-2014	-	-
Total	825,000	825,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	-	-	-
2010-2011	630,000	5%	31,500	661,500
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	630,000		31,500	661,500
Contingency 25%	157,500		7,900	165,400
Totals	787,500		39,400	826,900

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of the City's ongoing maintenance program for the public street system. To implement the street maintenance and rehabilitation program in the most cost-effective manner, a Pavement Management Program (PMP) analysis program is utilized. A re-inspection of selected streets was completed in December 2008 and the data used to update the PMP street condition database. The updating of the street

inspection database is completed approximately every two years. The streets selected for each year's project are determined primarily through the PMP computer-modeling program analyses. The program also helps determine the most cost-effective treatment to extend the life of a section of roadway.

This project will provide for the repair of identified streets within residential areas of the City. Funding for this project is proposed every other year over the next five year period. Funding available for each year's project will also be used to address deficiencies in the pavement, curb & gutter, and sidewalk in certain areas of the City. The normal repair methods employed, in order of ascending costs, are: crack seal; slurry seal; dig-out repairs and surface overlays. Funding for this project will be provided by Measure A funds.

ESTIMATED PROJECT SCHEDULE:**Street Resurfacing & Repair**

Project Design – In-house
Construction

FY 2010-2011
Summer 2011

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)

Funding	Funding Sources	
	Measure A	Total
2009-2010	-	-
2010-2011	-	-
2011-2012	865,000	865,000
2012-2013	-	-
2013-2014	-	-
Total	- 865,000	865,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	-	-	-
2010-2011	-	5%	-	-
2011-2012	630,000	10%	63,000	693,000
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	630,000		63,000	693,000
Contingency	25%	157,500	15,800	173,300
Totals	787,500		78,800	866,300

As part of the City's ongoing maintenance program for the public street system, resurfacing and repair of public arterial and collector streets is critical. This project complements the Residential Street Resurfacing and Repair project which targets primarily residential streets and focuses on slurry seals.

The intent of this project is to maximize the use of available federal and state transportation grant funding to address the resurfacing needs of arterial and collector streets. The federal government has re-authorized the SAFETEA transportation funding program. Future multi-year funding is proposed to assure availability of local matching funds to maximize grant eligibilities. Funding for the local share of the Arterial Overlay Project will be provided from local Measure A revenues.

ESTIMATED PROJECT SCHEDULE:

Project Design – In-house
Construction

FY 2011-2012
Summer 2012

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

RESIDENTIAL STREET RESURFACING AND REPAIR (2012-2013)

Funding	Funding Sources		
	Measure A	Prop. 1B	Total
2009-2010		-	-
2010-2011		-	-
2011-2012		-	-
2012-2013	441,000	459,000	900,000
2013-2014		-	-
Total		459,000	900,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-		-	-
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	626,000	15%	93,900	719,900
2013-2014	-	20%	-	-
Subtotal	626,000		93,900	719,900
Contingency 25%	156,500		23,500	180,000
Totals	782,500		117,400	899,900

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

This project is part of the City's ongoing maintenance program for the public street system. To implement the street maintenance and rehabilitation program in the most cost-effective manner, a Pavement Management Program (PMP) analysis program is utilized. A re-inspection of selected streets was completed in December 2008 and the data used to update the PMP street condition database. The updating of the street

inspection database is completed approximately every two years. The streets selected for each year's project are determined primarily through the PMP computer-modeling program analyses. The program also helps determine the most cost-effective treatment to extend the life of a section of roadway.

This project will provide for the repair of identified streets in residential areas of the City. Funding for this project is proposed every other year over the next five year period. Funding available for each year's project will also be used to address deficiencies in the pavement, curb & gutter, and sidewalk in select areas of the City. The normal repair methods employed, in order of ascending costs, are: crack seal; slurry seal; dig-out repairs and surface overlays. Funding for this project will be provided by Measure A and State Proposition 1B funds.

ESTIMATED PROJECT SCHEDULE:

Street Resurfacing & Repair

Project Design – In-house
Construction

FY 2012-2013
Summer 2013

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

ARTERIAL AND COLLECTOR OVERLAY PROJECT (2013-2014)

Funding	Funding Sources	
	Measure A	Total
2009-2010	-	-
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
2013-2014	950,000	950,000
Total	- 950,000	950,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	-	-	-
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	633,000	20%	126,600	759,600
Subtotal	633,000		126,600	759,600
Contingency	25%	158,300	31,700	190,000
Totals	791,300		158,300	949,600

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

As part of the City's ongoing maintenance program for the public street system, resurfacing and repairs of public arterial and collector streets is critical. This project complements the Residential Street Resurfacing and Repair project which targets primarily residential streets and focuses on slurry seals.

The intent of this project is to maximize the use of available federal and state transportation grant funding to address the resurfacing needs of arterial and collector streets. Future multi-year funding is proposed to assure availability of local matching funds to maximize grant eligibilities. Funding for the local share of the Arterial Overlay Project will be provided from local Measure A revenues.

ESTIMATED PROJECT SCHEDULE:

Project Design – In-house	Fall/Winter 2013-2014
Construction	Summer 2014

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS (2009-2010)

Funding	Funding Sources	
	Prop. 42	Total
2009-2010	535,000	535,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
2013-2014	-	-
Total	535,000	535,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2009-2010	428,000	-	-	428,000
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	428,000	-	-	428,000
Contingency 25%	107,000	-	-	107,000
Totals	535,000	-	-	535,000

PROJECT PRIORITY CATEGORY: BPROJECT DESCRIPTION:

This project provides for follow-up actions to the bi-annual Caltrans inspection reports of four City owned bridges (Bicentennial, Foster City, Rainbow, & Shell Blvd.). These inspections identified potential defects in the various bridge structural components that may require repairs. CSG Consultant Inc. reviewed CALTRANS reports for the years

1999, 2001, 2003, 2005 and 2007 along with bridge record drawings and details and found that the bridges are in generally good condition with no major structural issues. However, some repair and preventive maintenance work is recommended to preserve the long term structural integrity of the bridges.

The project scope of work will include cleaning and replacing expansion joint seals, repairing concrete spalls and settlement of the approach slabs and decks, installing bird screens, and applying methacrylate sealant to the bridge decks. It is proposed that work on all four bridges be combined into a single project to generate more competitive bidding.

Prior funding for this project totals \$230,000. The proposed budget of \$535,000 in FY 2009-2010 will augment this amount to provide for construction of the project, as well as design, testing and inspection, and construction management services. The bidding of this project is planned for the Summer of 2010. Funding for this project is eligible for State Proposition 42 transportation funds.

ESTIMATED PROJECT SCHEDULE:

Design	FY 2009-2010
Construction	Summer 2010

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)

		Funding Sources			
Funding		CIP City		Total	
2009-2010		-	210,000	-	210,000
2010-2011		-	-	-	-
2011-2012		-	-	-	-
2012-2013		-	-	-	-
2013-2014		-	-	-	-
Total			210,000		210,000
		Expenditure Categories			
Expenditures		Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010		167,000	0%	-	167,000
2010-2011		-	5%	-	-
2011-2012		-	10%	-	-
2012-2013		-	15%	-	-
2013-2014		-	20%	-	-
Subtotal		167,000		-	167,000
Contingency	25%	41,800		-	41,800
Totals		208,800		-	208,800

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCE:

- Capital Investment – City Fund
- Land Water Conservation Grants

PROJECT DESCRIPTION

1. Recreation Center Planter Box Removals/South Parking Lot - \$20,000. There are 6 finger and 8 square landscape islands in the south parking lot. Several of the Blackwood Acacia trees have died in the islands due to disease and have been removed. Many of the small concrete planter boxes (islands) have become hazardous. Perimeter concrete curbs are cracking and several have been frequently struck by vehicles. Eight (8) square islands will be removed and these sections of the parking lot will be replaced with asphalt and restriped.

2. Central Irrigation Computer Satellites - \$147,000. Add satellites at five (5) park locations to increase irrigation efficiency and reduce water costs. Park sites include: 1) Leo J. Ryan Memorial Park - \$36,500; 2) Boat Park - \$15,500; 3) Catamaran Park – \$23,500; 4) Rec. Center - \$55,500 [Five (5) controllers] and; 5) Farragut Park – \$16,000. Once central system satellites are fully operational with added locations and routine use, an increase in cost savings will be realized. This type of system is more efficient because it has the capability of: a) Providing entire system shutdowns; b) Calculating water use or gallons used; and (c) Making automatic adjustments by using Basic ET or Advanced ET Systems.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

LEVEE/PEDWAY IMPROVEMENTS AND REPAIRS (2009-2010 TO 2011-2012)

Funding	Funding Sources		
	CIP City	Measure A	Total
2009-2010	350,000	350,000	700,000
2010-2011	436,000	179,000	615,000
2011-2012	420,000	165,000	585,000
2012-2013	-	-	-
2013-2014	-	-	-
Total	1,206,000	694,000	1,900,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	580,000		-	580,000
2010-2011	488,000	5%	24,400	512,400
2011-2012	444,000	10%	44,400	488,400
2012-2013		15%	-	-
2013-2014	-	20%	-	-
Subtotal	1,512,000		68,800	1,580,800
Contingency 20%	302,400		13,800	316,200
Totals	1,814,400		82,600	1,897,000

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCES

1. Measure A Revenues
2. Capital Investment – City Fund

PROJECT DESCRIPTION

Maintenance of the levee pedway was last done in 2001. The scope of work included top coating, slurry sealing, and line striping. With several hundred thousand users of the pedway on a yearly basis, several areas are showing significant wear. Maintenance items that are necessary to

keep the pedway in good condition and repair deficiencies include:

- Adjustment of surface grades in select areas.
- Installation of root barriers.
- Removal and replacement of failed asphalt.
- Seal Coating.
- Crack sealing.
- Asphalt top coating.
- Refurbishment of the walking track.

Inasmuch as the project has yet to be fully designed, the entire cost of the project is not known, however for budgetary purposes, the project is estimated to be \$2,150,000. \$250,000 was included in the FY 2006/2007 budget for the project. \$700,000 in funding is proposed in FY 2009-2010. \$100,000 will provide for completion of a boundary survey and other preliminary design work. \$600,000 is for the construction of Phase I, which includes the preventive maintenance and repair work of the levee pedway from the San Mateo/Foster City City limits on East Third Avenue to Foster City Blvd/Beach Park Blvd.

Phase II of the project would include the section from Foster City Blvd./Beach Park Blvd to the west end of the Lantern Cove development, while Phase III includes the area between the west end of Lantern Cove and the southern end of Shell Cove. The sum of these remaining two Phases is estimated to be \$1,200,000. Phase II is programmed for FY 2010-2011 with Phase III programmed for FY 2011-2012.

Staff completed preliminary inspection and evaluation of the levee pedway in November 2007. The inspection revealed a number of problems and deficiencies that were not identified

when the original budget estimate was developed. These problems include tree root damage, pathway settlement, and private improvements that may be encroaching onto the levee pedway easement areas.

As the project moves forward, projected construction costs will be more accurately estimated. A revised plan for prioritizing, scheduling, and funding the pedway improvements is presently being developed by staff. Staff is recommending that this plan include completion of a boundary survey to clearly identify encroachment of private structures, trees, and landscaping into the City's easements for the levee pedway.

ESTIMATED PROJECT SCHEDULE

Survey/Design & Phase I Construction	FY 2009-2010
Phase II Construction	FY 2010-2011
Phase III Construction	FY 2011-2012

MAINTENANCE AND RESOURCE REQUIREMENTS

The levee/pedway will be maintained with existing staff resources. Certain sections of the Levee Pedway facility will be temporarily closed to the general public to facilitate the maintenance and repair work. The work will progress in stages and signage will be posted in advance at numerous locations to advise the public of the upcoming construction and potential impacts.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)

Funding	Funding Sources			Total
	CIP City			
2009-2010	-	-	-	-
2010-2011	-	190,000	-	190,000
2011-2012	-	-	-	-
2012-2013	-	-	-	-
2013-2014	-	-	-	-
Total		190,000		190,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2009-2010	-	0%	-	-
2010-2011	146,000	5%	7,300	153,300
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	146,000		7,300	153,300
Contingency 25%	36,500		1,800	38,300
Totals	182,500		9,100	191,600

PROJECT DESCRIPTION

1. **Tennis Court Resurfacing - \$146,000.** Resurfacing of the tennis courts should be done every five to seven years. As courts are played on, asphalt surfaces become cracked and worn and painted lines fade. Resurfacing helps restore the courts to a more playable condition. This also includes all patching and painting of lines. Eight (8) tennis courts scheduled for repair include (date of last resurfacing is shown below):
 - a. Boothbay Park - 4 tennis courts (2003)
 - b. Leo Ryan Park - 4 tennis courts (2003)

PROJECT PRIORITY CATEGORY: CPOSSIBLE FUNDING SOURCE:

Capital Investment – City Fund

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CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

SEA CLOUD S-4 – SYNTHETIC TURF PARK IMPROVEMENTS (2011-2012)

Funding		Funding Sources			
		Park in Lieu	Total		
2009-2010		-	-	-	
2010-2011		-	-	-	
2011-2012		-	1,515,000	1,515,000	
2012-2013		-	-	-	
2013-2014		-	-	-	
Total			1,515,000	1,515,000	
Expenditures		Expenditure Categories			
		Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010		-	0%	-	-
2010-2011		-	5%	-	-
2011-2012		1,100,000	10%	110,000	1,210,000
2012-2013		-	15%	-	-
2013-2014		-	20%	-	-
Subtotal		1,100,000		110,000	1,210,000
Contingency	25%	275,000		27,500	302,500
Totals		1,375,000		137,500	1,512,500

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCES:

1. Park in Lieu Fees
2. Capital Investment – City Fund
3. Capital Investment – CDA Fund
4. Land Water Conservation Grant
5. Youth Sport Turf Foundation

PROJECT DESCRIPTION

1. **Synthetic Turf – Sea Cloud Park (S-4)** \$1,100,000.

Installation of a modern synthetic turf athletic field surface at Sea Cloud Park on the S-4 Soccer and B-3, B-4 baseball fields. There are approximately seven soccer fields and seven baseball fields at Sea Cloud Park. The synthetic soccer field's option has been available for over ten (10) years. Synthetic grass soccer fields are very popular due to their excellent safety records and outstanding playability. (

Because of the elimination of many of the routine park maintenance duties, Parks staff would be redeployed to handle maintenance in other areas throughout the park system. Projected increases in garbage pickup and bathroom cleanup are anticipated due to increased playing times at the park.

With the installation of a synthetic surface, playing conditions would improve and "rain-outs" for the most part would be eliminated. Synthetic fields are also aesthetically pleasing. The new modern synthetic fields are very similar in appearance to a natural grass field. The synthetic fields are superior to natural grass fields in safety in the following areas:

- Life expectancy is 12-15 years depending on play.
- Synthetic fields do not compact from wet playing conditions.
- Synthetic fields never wear out to bare ground or become clumpy around soccer goals.
- The new synthetic fields have excellent release characteristics so that a players foot can anchor, rotate, and release easily. Joint injuries are greatly reduced.

- Field playing conditions are uniform over the entire field. There are no surprises for soccer players due to soft, wet, or hard surfaces.
- Falls to the surfacing are “forgiving” with minimal abrasions and/or no “rug burn” injuries.

The timing of this project is currently dependent upon the collection of Park In Lieu fees from anticipated development. If other sources come available, the timing of this project will be revisited.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)

Funding	Funding Sources	
	CIP City	Total
2009-2010	-	-
2010-2011	-	-
2011-2012	300,000	300,000
2012-2013	-	-
2013-2014	-	-
Total	300,000	300,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2009-2010	-	0%	-	-
2010-2011	-	5%	-	-
2011-2012	250,000	10%	25,000	275,000
2012-2013	-	15%	-	-
2013-2014	-	20%	-	-
Subtotal	250,000		25,000	275,000
Contingency 10%	25,000		2,500	27,500
Totals	275,000		27,500	302,500

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCES:

1. Capital Investment – City Fund
2. Capital Investment – CDA Fund
3. Bay Trails Grants
4. CCAG Bikeway Grant
5. Youth Sport Turf Foundation

PROJECT DESCRIPTION

1. **Basketball Court Resurfacing - \$50,000.** The surfaces show considerable signs of wear and cracking. Court surfaces are re-surfaced to ensure that they are safe to play on and aesthetically pleasing. By using an overlay system the courts are level, smoother, and safer to play on. Basketball court resurfacing takes place every five to seven years based upon an evaluation of each court. The total costs include all resurfacing and painting of lines. Four (4) basketball courts scheduled for repair include (date of last resurfacing is shown below):
 - a. Shad Park -1 basketball court (2003)
 - b. Sunfish Park - 1 basketball court (2003)
 - c. Port Royal Park - 1 basketball court (2003)
 - d. Turnstone – 1 basketball court (2006)

2. **Parking Lot Resurfacing - \$200,000.** Resurfacing the city owned parking lots should be done every five to seven years. The present condition of surfaces is poor with several areas sustaining cracks, minor ruts, and small holes. Resurfacing processes will include a slurry seal, repairs, and painting. This will add to the general surface life of the asphalt before major repairs or replacements are needed. Locations include (date of last resurfacing is shown below):
 - a. Boat Park (2005)
 - b. Library/Community Center (2005)
 - c. Sea Cloud Park (Large lot 2005; small lot 2007)
 - d. Rec. Ctr. and South Parking Lots (2005)
 - e. Boothbay Park (2005)
 - f. Civic Center and South Drive (2002)
 - g. Police Station (2002)
 - h. Senior Center (2005)
 - i. Port Royal (2003)

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)

Funding	Funding Sources			Total
	CIP City			
2009-2010	-	-	-	-
2010-2011	-	-	-	-
2011-2012	-	-	-	-
2012-2013	-	120,000	-	120,000
2013-2014	-	-	-	-
Total		120,000		120,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	0%	-	-
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	90,000	15%	13,500	103,500
2013-2014	-	20%	-	-
Total	90,000		13,500	103,500
<i>Contingency</i> 15%	13,500		2,000	15,500
Totals	103,500		15,500	119,000

PROJECT DESCRIPTION

1. **Basketball and Tennis Court Resurfacing - \$90,000.** The basketball courts and tennis courts listed below are in need of repair. The majority of surfaces show considerable signs of wear and cracking. Court surfaces are re-surfaced to ensure that they are safe to play on and aesthetically pleasing. By using an overlay system the courts are level, smoother, and safer to play on. Basketball and tennis court resurfacing is done every five to seven years based upon an evaluation of the condition of each court. The total costs include all resurfacing and painting of lines. Three (3) basketball courts and five (5) tennis courts will be in need of repair (date of last resurfacing is shown below):

- a. Edgewater Park -1 basketball court (2003)
- b. Boothbay Park - 1 basketball court (2006)
- c. Catamaran Park – 1 basketball court (2006)
- d. Edgewater Park – 5 tennis courts (2007)

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCES:

1. Capital Investment – City Fund
2. Park in Lieu

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

CATAMARAN PARK WOODEN BULKHEAD PRESERVATION

Funding	Funding Sources	
	CIP City	Total
2009-2010	-	-
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
2013-2014	120,000	120,000
Total	120,000	120,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010	-	-	-	-
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	80,000	20%	16,000	96,000
Subtotal	80,000		16,000	96,000
Contingency 25%	20,000		4,000	24,000
Totals	100,000		20,000	120,000

PROJECT PRIORITY CATEGORY: C

PROJECT DESCRIPTION:

Approximately 550 lineal feet of the Catamaran Park shoreline is protected by an existing wooden bulkhead. The bulkhead was constructed in the mid-1980's as part of the original park improvements. A recent inspection of the existing wooden bulkhead at Catamaran Park included examining the condition of

the wood by taking core samples at several locations along the bulkhead. In addition, visual inspections were made at intermittent locations along the bulkhead. The inspections revealed several locations where attack by the marine borer has damaged the wood.

To protect the wooden bulkhead from the spread of borer infestation and to protect the wood from further deterioration, this project would install a high molecular weight polyethylene (PE) sheathing over the lagoon side of the wood piles, from below the berm to the underside of the waler beam. The sheathing would be fastened to the wood using stainless steel fasteners.

The sheathing is black in color and would protect the aesthetics of the bulkhead. Application of the PE sheathing cuts off the oxygen supply to the marine borer and prevents further attack. This approach has been used successfully to protect wooden bulkheads at the Long Water and Pitcairn Homeowners Associations lagoon frontage.

ESTIMATED PROJECT SCHEDULE:

Design / Preparation of Contract Documents	FY 2013-2014
Construction	Summer/Fall 2013

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2013-2014)

Funding	Funding Sources			Total
	CIP City			
2009-2010	-	-	-	-
2010-2011	-	-	-	-
2011-2012	-	-	-	-
2012-2013	-	-	-	-
2013-2014	-	110,000	-	110,000
Total		100,000		110,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2009-2010	-	0%	-	-
2010-2011	-	5%	-	-
2011-2012	-	10%	-	-
2012-2013	-	15%	-	-
2013-2014	80,000	20%	16,000	96,000
Subtotal	80,000		16,000	96,000
Contingency	15%	12,000	2,400	14,400
Totals		92,000	18,400	110,400

PROJECT DESCRIPTION

- Basketball Court Resurfacing, Ketch Park - \$15,000.** The majority of surface areas show considerable signs of wear and cracking. Court surfaces are re-surfaced to ensure that they are safe to play on and aesthetically pleasing. By using an overlay system the courts are level, smoother, and safer to play on. Basketball court resurfacing is done every five to seven years based upon the condition of each court. The total costs include all resurfacing and painting of lines. This court was last resurfaced in 2006.
- Tennis Court Resurfacing, Catamaran Park - \$65,000.** This is an element of our regularly scheduled tennis court surface maintenance program. Two (2) courts will need to be resurfaced. These courts were last resurfaced in 2006.

PROJECT PRIORITY CATEGORY: CPOSSIBLE FUNDING SOURCES:

1. Capital Investment – City Fund
2. Park in Lieu

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

LEVEE PARK ("DESTINATION PARK") PARK IMPROVEMENTS (2013-2014)

		Funding Sources			
Funding		Park in Lieu	Total		
2009-2010		-	-	-	
2010-2011		-	-	-	
2011-2012		-	-	-	
2012-2013		-	-	-	
2013-2014		-	450,000	450,000	
Total			450,000	450,000	
		Expenditure Categories			
Expenditures		Estimated Project Cost	Inflation %	Inflation Escalation	Total
2009-2010		-	0%	-	-
2010-2011		-	5%	-	-
2011-2012		-	10%	-	-
2012-2013		-	15%	-	-
2013-2014		300,000	20%	60,000	360,000
Subtotal		300,000		60,000	360,000
Contingency	25%	75,000		15,000	90,000
Totals		375,000		75,000	450,000

PROJECT DESCRIPTION

1. **Levee Park ("Destination Park") - \$300,000.** The project proposal is to develop a "natural park" in this area adjacent to the levee/pedway and Beach Park Blvd. at Halibut Street. The park would be a respite stop for travelers along our section of the Bay Trail. Features will include: picnic tables, a drinking fountain, a small restroom, benches, a bike rack, and an "interpretive center".

The timing of this project is currently dependent upon the collection of Park In Lieu fees from anticipated development. Future grant funding may be available through LWCF (Land and Water Conservation Fund). If other funding sources come available, the timing of this project will be revisited.

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCES:

1. Park in Lieu Fees
2. Land and Water Conservation Fund
3. Capital Investment – City Fund
4. Bay Trails Grants
5. CCAG Bikeway Grant

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