

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 managed during Fiscal Year 2007-2008:

New Projects Started:

- **Restroom Plumbing Repair/ Gull and Marlin Parks, and Asphalt Repairs (CIP 601)** – This project was

identified to replace the restroom plumbing at Gull and Marlin Parks, which need immediate upgrades. There are eight fixtures that need new piping, accessories, and vent upgrades to the roof. City staff will work with contractors to seek project proposals. Staff anticipates awarding a contract in April 2008, with working beginning May 2008. Both bathroom upgrades are expected to be completed by June 2008. The asphalt pathway repair project involves eight parks and was identified to repair damaged asphalt pathways throughout the parks system. The pathway work consists of installation of new under base and 2" overlay of asphalt. Location (Parks and Walkways):

1. Boothbay Park
2. Jamaica Walkway
3. Killdeer Park
4. Marlin Park
5. Pilgrim Walkway
6. Sea Cloud Park

7. Shad Park
8. Turnstone Park

Staff anticipates awarding a contract in June 2008 with work to begin in July 2008 and be completed by September 2008.

- **Sea Cloud and Catamaran Park Synthetic Turf Improvements (CIP 602)** – This project was authorized and funded in FY 07-08, and the scope of work includes the installation of synthetic turf soccer fields at Sea Cloud Park and Catamaran Park, as well as the installation of a synthetic surface walking track and lighting of the full court basketball court at Catamaran Park. The City Council awarded a contract to Verde Design, Inc. for design and construction management services at its' February 4, 2008 meeting. Staff anticipates with the award of a contract in February 2008 that design documents would be submitted by August 2008 and the request for bids for construction will be issued in October 2008. We anticipate awarding a construction contract in December 2008. Project construction would begin in January 2009 with an anticipated completion date of August 2009.
- **Arterial and Collector Overlay Project (CIP 799)** – This biennial project is part of the City's ongoing program to maintain arterial and collector streets. Budgeting for this project allows the City to maximize the use of available federal and state transportation grant funding by providing local matching funds. This year's project includes the resurfacing of Foster City Boulevard (from E. Third Avenue to E. Hillsdale Boulevard) and Shell

Boulevard (from the Shell Boulevard bridge to Beach Park Boulevard). Staff is completing design work and compilation of contract documents with bidding of a construction contract planned for Spring 2008, followed by construction in Summer 2008. A total of \$477,000 in federal Surface Transportation Program (STP) funding has been programmed for this project.

Projects Under Design:

- **Rehabilitation of City-Owned Lagoon Structures (CIP 736)** - This project was originally established to address deficiencies to City-owned lagoon bulkheads located at parks, bridges, and at the lagoon intake and pumping station. Since its' authorization, the project budget has been used for maintenance and repair of the aluminum bulkheads at Leo Ryan and Boat Park. At its March 7, 2007 meeting, the City Council approved using the remainder of funds from this project to construct a new section of bulkhead at Catamaran Park from the end of the existing wooden bulkhead to the concrete bulkhead located underneath the Shell Boulevard bridge.

The City Council approved issuance of a Request for Proposal (RFP) for engineering design services at its October 15, 2007 meeting. Five consultant proposals were received by the November 30, 2007 deadline and the City Council approved a consultant agreement with Wilsey Ham, Inc. for this work on February 4, 2008. Completion of engineering design is expected to be completed in Summer 2008 including the engineer's estimate of probable construction costs. Bidding of a

construction contract is tentatively scheduled for Summer 2008. Because the original project budget was developed using preliminary cost data from 2006, a complete budget analysis will be provided to the Council at the time of approval of plans and specifications and authorization to bid.

- **Sewer System Rehabilitation (CIP 757).** (Mains, Manholes and Force Mains) This project provides for the design and rehabilitation of various sewer lines as identified 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 City. This information has been compiled and evaluated to identify inflow and infiltration sources, pipe deficiencies, and other trouble areas where repair work is required. The first phase of the project will address localized pipe repairs and manhole rehabilitation work that has been identified as part of the completed television inspections. This work is planned for Summer 2008.
- **Water Main Condition Survey (CIP 760)** – The design work for the 24-inch valve replacements, installation of cathodic protection test stations to monitor portions of the main, and various other improvements to the 24-inch transmission main that would provide access to inspect and monitor the condition of the pipeline is 90% complete. Final design is expected to be complete by May 2008 with construction to begin in the Winter of 2008-2009. Coordination with Cal Water and Mid-Peninsula for back up water supply while construction is

being completed will be necessary. Since a majority of the work will take place outside of our City limits, the project will require the acquisition of an encroachment permit from the City of San Mateo, in addition to coordination with the SFPUC and Caltrans.

- **Follow Up Biennial 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. were retained to review and evaluate the Caltrans reports (for 1999, 2001 and 2003) and to prepare a Technical Memorandum outlining their recommendations and conclusions. CSG was also recently contracted to review CALTRANS inspections reports for the years 2005 and 2007.

CSG's Technical Memorandum, completed in 2004, concluded that the bridges appear to be in generally good condition with no significant structural problems. The Technical Memorandum, 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 lone bid received on this project was significantly higher than the Engineer's Estimate and was rejected. In order to generate more competitive bidding, it is now planned to aggregate all repairs into a single larger project to be completed in the Summer of 2010.

- **Outfall Gate Replacement (CIP 789)** – This project will replace the remaining four outlet gates, mechanical gate operators and appurtenances at the City’s lagoon pump station facility/lagoon outfall. The gates and openers allow the City to control the lagoon level without using the storm pumps. Last year this project was combined with the trash rack repair/replacement project which is funded with Equipment Replacement Funds. During the initial planning stages, it was determined that some of the work within this project would overlap with work that will be performed under CIP 792 - Lagoon Pump Station Rehabilitation Design.

Staff is presently in the process of merging the two CIP’s in order to facilitate the development of contract documents for a combined project. The outfall gates and trash rack repair will require the installation of a coffer dam to allow the isolated draining of lagoon outlet channels to facilitate the work. During the isolation, repairs to areas of the structure that are normally at or under water would be performed. The isolation would be performed during the summer months. A Request for Proposal for design of the combined CIP project will be prepared in Spring 2008. Design work is anticipated to be completed in Winter 2008-2009 with construction following in Summer 2009. In the meantime, in order to facilitate the installation of the four outlet gates, pumps one and two must be removed. This task has been assigned to the Streets and Lagoons section and will be completed during 2008.

- **Lagoon Pump Station Rehabilitation (CIP 792)** - This project provides for the repair and upgrade of the Lagoon

Pump Station located at the Corporation Yard. The structural components of the pump station will be evaluated, designed and repaired as part of this project. The safety railings around the entire structure will also be replaced and/or repaired as part of this project.

The SCADA software upgrades will start in the Summer of 2008. These upgrades were put on hold until the completion of the upgrades to the water booster pump station and the numerous sewer pump stations. This will allow us to maintain continuity throughout the system.

The proposed construction of a sound insulated control room that was part of this original project is no longer needed since staff was able to combine building spaces and create a sound insulated room which includes the addition of a meeting room and office space for the Streets and Lagoon program. The new office is in close proximity to the pump room and has a network computer to allow monitoring of the Lagoon levels. As noted in CIP 789 – Outfall Gates Replacement, this project is being merged with CIP 789 and the improvements will be designed as a combined project.

- **Foster Center Teen Center and Recreational Facilities (CIP 794)** - Based on bids received and opened on January 31, 2008, a construction contract in the amount of \$3,973,500 was awarded to D.L. Falk Construction at the March 3,



2008 Council Meeting. In addition, the award of agreements in amounts not to exceed \$289,950 with Kitchell CEM for construction management services and \$17,460 with Smith-Emery Company for materials testing and specialty inspection services were also awarded at the March 3, 2008 meeting. The budget for CIP 794 has sufficient funds for the recommended contract awards and associated contingencies and agreements. Construction duration is established at 390 calendar days.



- **Parks Infrastructure Improvements (CIP 798)** - This project addresses deficiencies to the eight-mile long levee pedway system that surrounds the city and basketball/tennis court maintenance.

Levee pedway improvements – Improvements will consist of:

- 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 repair 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. Lastly, 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.

Presently, the approved budget for the Levee pedway improvements includes \$250,000 with \$1,750,000 in future funding programmed in FY 2009-2010. This budget is based on the preliminary cost estimate to complete repairs and preventive maintenance for the entire levee pedway which is estimated at \$1.5 to \$2 million. A revised plan for prioritizing, scheduling, and completing the pedway improvements is presently being developed by staff.

The other element of infrastructure improvements consists of Tennis/Basketball Court Resurfacing. Site Locations – Tennis Court Locations: Catamaran (2), Basketball Court Locations: Boothbay (1), Turnstone (1), Ketch (1), Catamaran (1). Court surfaces had shown signs of wear and tear. Work consisted of filling in cracks and surface irregularities; leveling all playing surfaces; and laying asphaltic concrete material. All courts, except

for the Catamaran Park basketball court, were painted and designated lines for play were professionally installed. This work began in July 2007 and was completed in September 2007 at all sites except Catamaran. The Catamaran Basketball resurfacing project is scheduled to begin in May 2008 and be completed in June 2008. This work was identified as an element of the Tennis and Basketball Court Maintenance Program and the approved budget for resurfacing was \$60,000. To date \$21,300 has been spent leaving a balance of \$38,700 to complete the remaining work.

Projects Under Construction:

- **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 contract construction duration of 730 days. Contract change orders executed as of December 2007 revises the construction duration from 730 calendar days to 794 calendar days and the contract amount to



\$26,142,327. Based on the contractor's schedule updates and the progress of the work, construction completion is anticipated to be approximately 16-18 months beyond the contractual completion date.

Projects Completed:

- CIP 784 - Lift Station Improvements, Phase III
- CIP 790 – Water Valve Replacement Project



Projects Closed Out:

- CIP 782 – Storm Sewer Cleaning
- CIP 794 – Phase I, Edgewater Park Tennis Courts and Lighting Project
- CIP 795 - 2007 Residential Street Resurfacing and Repairs Project
- CIP 796 – Building Maintenance Infrastructure Improvements.
- CIP 797 – Street Drainage Improvements

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 2008-2009 TO 2012-2013)

Category	NO.	PROJECT NAME	Funding Source*	TOTAL - Not Including Prior Years	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
WASTEWATER COLLECTION SYSTEM PROJECTS									
A	1	(CIP 730) WWTP EXPANSION PHASE II	CS	\$500,000	\$250,000	\$250,000			
A	2	(NEW CIP) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	CS	\$3,300,000	\$150,000	\$150,000	\$3,000,000		
A	3	(NEW CIP) SEWER SYSTEM REHABILITATION – GRAVITY MAINS & MANHOLES	CS	\$800,000		\$150,000	\$650,000		
TOTAL WASTEWATER COLLECTION SYSTEM PROJECTS			3	\$4,600,000	\$400,000	\$550,000	\$3,650,000	\$0	\$0
WATER PROJECTS									
A	4	(CIP 760) WATER MAIN CONDITION SURVEY AND IMPROVEMENTS (2008-2009)	CW	\$200,000	\$200,000				
A	5	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)	CW	\$300,000		\$300,000			
A	6	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)	CW	\$200,000			\$200,000		
A	7	(NEW CIP) WATER VALVE REPLACEMENT (2011-2012)	CW	\$330,000				\$330,000	
TOTAL WATER PROJECTS			4	\$1,030,000	\$200,000	\$300,000	\$200,000	\$330,000	\$0
STREETS/TRAFFIC PROJECTS									
A	8	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2008-2009)	GT	\$750,000	\$750,000				
A	9	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	MA	\$790,000		\$790,000			
A	10	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010/2011)	MA	\$825,000			\$825,000		
A	11	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)	MA	\$865,000				\$865,000	
A	12	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012/2013)	MA, P1B	\$900,000					\$900,000
B	13	(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS	P42	\$435,000		\$435,000			
TOTAL STREETS/TRAFFIC PROJECTS			6	\$4,565,000	\$750,000	\$1,225,000	\$825,000	\$865,000	\$900,000
STORMWATER/LAGOON PROJECTS									
NONE									
TOTAL STORMWATER/LAGOON PROJECTS			0	\$0	\$0	\$0	\$0	\$0	\$0
PARKS PROJECTS									
C	14	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2008-2009)	CC	\$370,000	\$370,000				
C	15	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (LEVEE/PEDWAY IMPROVEMENTS AND REPAIRS)	CC, MA	\$1,750,000		\$1,750,000			
C	16	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	CC	\$200,000		\$200,000			
C	17	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	CC	\$445,000			\$445,000		
C	18	(NEW CIP) LEVEE PARK AND SEA CLOUD S-4 – SYNTHETIC TURF AND PARK IMPROVEMENTS (2010/2011)	PIL	\$1,925,000			\$1,925,000		
C	19	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	CC	\$120,000				\$120,000	
C	20	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	CC	\$100,000					\$100,000
TOTAL PARKS PROJECTS			7	\$4,910,000	\$370,000	\$1,950,000	\$2,370,000	\$120,000	\$100,000
BUILDING PROJECTS									
NONE									
TOTAL BUILDING PROJECTS			0	\$0	\$0	\$0	\$0	\$0	\$0
GRAND TOTAL			20	\$15,105,000	\$1,720,000	\$4,025,000	\$7,045,000	\$1,315,000	\$1,000,000

* 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

Note: Foster City Teen Center Improvement funding, if necessary, will be provided after submittal of the 35% architectural plans in May 2007.

TABLE A
FIVE YEAR CAPITAL IMPROVEMENT PROJECT PLAN (FY 2008-2009 TO FY 2012-2013)

Project No.	PROJECT DESCRIPTION		TOTAL
CATEGORY A PROJECTS			
1	(CIP 730) WWTP EXPANSION PHASE II	\$500,000	
2	(NEW CIP) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	\$3,300,000	
3	(NEW CIP) SEWER SYSTEM REHABILITATION – GRAVITY MAINS & MANHOLES	\$800,000	
4	(CIP 760) WATER MAIN CONDITION SURVEY AND IMPROVEMENTS (2008-2009)	\$200,000	
5	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)	\$300,000	
6	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)	\$200,000	
7	(NEW CIP) WATER VALVE REPLACEMENT (2011-2012)	\$330,000	
8	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2008-2009)	\$750,000	
9	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	\$790,000	
10	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010/2011)	\$825,000	
11	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)	\$865,000	
12	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012/2013)	\$900,000	
		Subtotal for Category A Projects	\$9,760,000
CATEGORY B PROJECTS			
13	(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS	\$435,000	
		Subtotal for Category B Projects	\$435,000
CATEGORY C PROJECTS			
14	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2008-2009)	\$370,000	
15	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (LEVEE/PEDWAY IMPROVEMENTS AND REPAIRS)	\$1,750,000	
16	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	\$200,000	
17	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	\$445,000	
18	(NEW CIP) LEVEE PARK AND SEA CLOUD S-4 – SYNTHETIC TURF AND PARK IMPROVEMENTS (2010/2011)	\$1,925,000	
19	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	\$120,000	
20	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	\$100,000	
		Subtotal for Category C Projects	\$4,910,000
GRAND TOTAL			\$15,105,000

**TABLE B
FIVE YEAR CAPITAL IMPROVEMENT PROJECT PLAN (FY 2008-2009 TO FY 2012-2013)**

No.	DESCRIPTION	CIP - CITY*	CDA	Foster City Foundation	MEASURE A	GAS TAX	PARK-IN-LIEU FEES	PROP 42 TRANS.	PROP 1B TRANS.	CIP WATER	CIP SEWER	TOTAL	No.
	Funds Available for CIP Projects	\$4,304,336 (1)	\$314,000	\$0	\$1,156,269	\$750,000	\$0	\$0	\$0	\$2,738,773	\$4,235,600	\$13,498,978	
	Revenue Projections (2)	\$3,000,000	\$0	\$190,000	\$2,717,000	\$0	\$7,997,000	\$1,633,000	\$459,000	\$1,718,000	\$3,680,000	\$21,394,000	
	Fund Transfers	\$10,400,000 (3)		(\$190,000) (4)		\$0	(\$2,210,000) (5)						
	Total Available	\$17,704,336	\$314,000	\$0	\$3,873,269	\$750,000	\$5,787,000	\$1,633,000	\$459,000	\$4,456,773	\$7,915,600	\$42,892,978	
CATEGORY A PROJECTS													
1	(CIP 730) WWTP EXPANSION PHASE II (NEW CIP) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT										\$500,000	\$500,000	1
2	(NEW CIP) SEWER SYSTEM REHABILITATION – GRAVITY MAINS & MANHOLES										\$3,300,000	\$3,300,000	2
3	(CIP 760) WATER MAIN CONDITION SURVEY AND IMPROVEMENTS (2008-2009)									\$200,000		\$200,000	4
4	(NEW CIP) WATER VALVE REPLACEMENT (2009-2010)									\$300,000		\$300,000	5
5	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)									\$200,000		\$200,000	6
6	(NEW CIP) WATER VALVE REPLACEMENT (2011-2012)									\$330,000		\$330,000	7
7	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2008-2009)					\$750,000						\$750,000	8
8	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)				\$790,000							\$790,000	9
9	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010/2011)				\$825,000							\$825,000	10
10	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)				\$865,000							\$865,000	11
11	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012/2013)				\$441,000				\$459,000			\$900,000	12
	SUB TOTAL OF CATEGORY A PROJECTS	\$0	\$0	\$0	\$2,921,000	\$750,000	\$0	\$0	\$459,000	\$1,030,000	\$4,600,000	\$9,760,000	
	FUNDS AVAIL. (LESS CATEGORY A PROJECTS)	\$17,704,336	\$314,000	\$0	\$952,269	\$0	\$5,787,000	\$1,633,000	\$0	\$3,426,773	\$3,315,600	\$33,132,978	
CATEGORY B PROJECTS													
13	(CIP 762) FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS							\$435,000				\$435,000	8
	SUB TOTAL OF CATEGORY B PROJECTS	\$0	\$0	\$0	\$0	\$0	\$0	\$435,000	\$0	\$0	\$0	\$435,000	
	FUNDS AVAIL. (LESS CATEGORY A AND B PROJECTS)	\$17,704,336	\$314,000	\$0	\$952,269	\$0	\$5,787,000	\$1,198,000	\$0	\$3,426,773	\$3,315,600	\$32,697,978	
CATEGORY C PROJECTS													
14	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2008-2009)	\$370,000										\$370,000	14
15	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (LEVEE/PEDWAY IMPROVEMENTS AND REPAIRS)	\$875,000			\$875,000							\$1,750,000	15
16	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	\$200,000										\$200,000	16
17	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	\$445,000										\$445,000	17
18	(NEW CIP) LEVEE PARK AND SEA CLOUD S-4 – SYNTHETIC TURF AND PARK IMPROVEMENTS (2010/2011)						\$1,925,000					\$1,925,000	18
19	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	\$120,000										\$120,000	19
20	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	\$100,000										\$100,000	20
	SUB TOTAL OF CATEGORY C PROJECTS	\$2,110,000	\$0	\$0	\$875,000	\$0	\$1,925,000	\$0	\$0	\$0	\$0	\$4,910,000	
	FUNDS AVAIL. (LESS CATEGORY A, B, AND C PROJECTS)	\$15,594,336	\$314,000	\$0	\$77,269	\$0	\$3,862,000	\$1,198,000	\$0	\$3,426,773	\$3,315,600	\$27,787,978	

(1) Funds Available include \$1.0M Emerg. Reserve for CIP City

(2) Includes Interest Earnings.

(3) Transfers include \$8 million in fund transfers from the City's General Fund (\$2 million per year starting in FY 2009-2010), plus transfers from Foster City Foundation and Park-in-Lieu funds as indicated in notes (4) and (5) 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) In FY 2007-2008, the Synthetic Turf Project (Catamaran and Sea Cloud Park S-3) was funded at \$2.7 million. \$2,210,000 of those funds came from the City CIP Fund as an advance of Park in Lieu fees anticipated from developments. These funds will be reimbursed back to the City CIP fund from Park in Lieu fees collected upon receipt of those fees from developers.

**TABLE C
CAPITAL IMPROVEMENT PROJECT (CIP) PLAN (FISCAL YEAR 2008-2009)**

PROJECT NAME	Funding Source*	Total Project Cost	Prior Years' Funding	FY 2008-2009 Funding	Funding Sources			
					City Capital Investment	Gas Tax	Water Capital Investment	Sewer Capital Investment
SEWER PROJECTS								
(CIP 730) WWTP EXPANSION PHASE II	CS	\$ 9,631,000	\$ 9,381,000	\$ 250,000				\$ 250,000
(NEW CIP) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	CS	\$ 150,000	\$ -	\$ 150,000				\$ 150,000
TOTAL SEWER PROJECTS	2	\$ 9,781,000	\$ 9,381,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000
WATER PROJECTS								
(CIP 760) WATER MAIN CONDITION SURVEY AND IMPROVEMENTS (2008-2009)	CW	\$ 850,000	\$ 650,000	\$ 200,000			\$ 200,000	
TOTAL WATER PROJECTS	1	\$ 850,000	\$ 650,000	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -
STREETS/TRAFFIC PROJECTS								
(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2008-2009)	GT	\$ 750,000	\$ -	\$ 750,000	\$ -	\$ 750,000		
TOTAL STREETS/TRAFFIC PROJECTS	1	\$ 750,000	\$ -	\$ 750,000	\$ -	\$ 750,000	\$ -	\$ -
STORMWATER/LAGOON PROJECTS								
NONE				\$ -	\$ -			
TOTAL STORMWATER/LAGOON PROJECTS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PARKS PROJECTS								
(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2008-2009)	CC	\$ 370,000	\$ -	\$ 370,000	\$ 370,000			
TOTAL PARKS PROJECTS	1	\$ 370,000	\$ -	\$ 370,000	\$ 370,000	\$ -	\$ -	\$ -
BUILDING PROJECTS								
NONE		\$ -	\$ -	\$ -				
TOTAL BUILDING PROJECTS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL	5	\$ 11,751,000	\$ 10,031,000	\$ 1,720,000	\$ 370,000	\$ 750,000	\$ 200,000	\$ 400,000

* CC=CIP City, GT = Gas Tax, CS=CIP Sewer, CW=CIP Water

**TABLE D
ACTIVE AND PROPOSED CIP'S THROUGH FY 2011-2012**

ACTIVE PROJECT	DESCRIPTION	FY AUTH	PRIOR YEARS BUDGET AND ADJUSTMENT	CURRENT YEAR BUDGET AND ADJUSTMENT (2007-2008)	TOTAL APPROVED BUDGET AND ADJUSTMENT	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	ESTIMATED TOTAL PROJECT BUDGET
455-730	WWTP EXPANSION PHASE II - SOLIDS HANDLING FACILITY	98/99	\$ 8,831,000	\$ 550,000	\$ 9,381,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 9,881,000
301-736	REHABILITATION OF CITY LAGOON STRUCTURES	98/99	\$ 280,000	\$ 100,000	\$ 380,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 380,000
455-757	SEWER SYSTEM REHABILITATION	00/01	\$ 630,000	\$ -	\$ 630,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,000
405-760	WATER MAIN CONDITION SURVEY	00/01	\$ 650,000	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000
301-762	FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS	00/01	\$ 230,000	\$ -	\$ 230,000	\$ -	\$ 435,000	\$ -	\$ -	\$ -	\$ 665,000
301-782	STORM SEWER CLEANING	02/03	\$ 300,000	\$ 200,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
455-784	LIFT STATION IMPROVEMENTS	03/04	\$ 1,200,000	\$ 800,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
301-789	OUTFALL GATES REPLACEMENT	03/04	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
405-790	WATER VALVE REPLACEMENT PROJECT	04/05	\$ 300,000	\$ 100,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
301-792	LAGOON PUMP STATION UPGRADE	05/06	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
301-794	FOSTER CITY TEEN CENTER AND REC. FACILITIES	05/06	\$ 3,283,500	\$ 2,863,000	\$ 6,146,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,146,500
301-795	RESIDENTIAL STREET RESURFACING AND REPAIR	06/07	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
301-796	BUILDING INFRASTRUCTURE IMPROVEMENTS	06/07	\$ 145,550	\$ -	\$ 145,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,550
301-797	STREET DRAINAGE IMPROVEMENTS	06/07	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
301-798	PARK INFRASTRUCTURE IMPROVEMENTS	06/07	\$ 310,000	\$ -	\$ 310,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 310,000
301-799	ARTERIAL AND COLLECTOR OVERLAY PROJECT	07/08	\$ -	\$ 1,125,000	\$ 1,125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,125,000
301-601	PARK INFRASTRUCTURE IMPROVEMENTS (2007-2008)	07/08	\$ -	\$ 93,500	\$ 93,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,500
301-602	SYNTHETIC TURF AND PARK IMPROVEMENTS - CATAMARAN AND SEA CLOUD S-3	07/08	\$ -	\$ 2,700,000	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,700,000
NEW CIP	(NEW CIP) SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT	08/09	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 3,000,000	\$ -	\$ -	\$ 3,300,000
NEW CIP	(CIP 760) WATER MAIN CONDITION SURVEY AND IMPROVEMENTS (2008-2009)	08/09	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
NEW CIP	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2008-2009)	08/09	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2008-2009)	08/09	\$ -	\$ -	\$ -	\$ 370,000	\$ -	\$ -	\$ -	\$ -	\$ 370,000
NEW CIP	(NEW CIP) SEWER SYSTEM REHABILITATION - 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) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)	09/10	\$ -	\$ -	\$ -	\$ -	\$ 790,000	\$ -	\$ -	\$ -	\$ 790,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (LEVEE/PEDWAY IMPROVEMENTS AND REPAIRS)	09/10	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ 1,750,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)	09/10	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
NEW CIP	(NEW CIP) WATER MAIN CONDITION SURVEY (2010-2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
NEW CIP	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2010/2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 825,000	\$ -	\$ -	\$ 825,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 445,000	\$ -	\$ -	\$ 445,000
NEW CIP	(NEW CIP) LEVEE PARK AND SEA CLOUD S-4 - SYNTHETIC TURF AND PARK IMPROVEMENTS (2010/2011)	10/11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,925,000	\$ -	\$ -	\$ 1,925,000
NEW CIP	(NEW CIP) WATER VALVE REPLACEMENT (2011-2012)	11/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ -	\$ 330,000
NEW CIP	(NEW CIP) ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)	11/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 865,000	\$ -	\$ 865,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)	11/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ 120,000
NEW CIP	(NEW CIP) RESIDENTIAL STREET RESURFACING AND REPAIR (2012/2013)	12/13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000
NEW CIP	(NEW CIP) PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)	12/13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
	TOTAL		\$ 16,960,050	\$ 8,531,500	\$ 25,491,550	\$ 1,720,000	\$ 4,025,000	\$ 7,045,000	\$ 1,315,000	\$ 1,000,000	\$ 40,596,550

This page intentionally left blank.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WWTP EXPANSION PHASE II

Funding	Funding Sources	
	CIP Sewer	Total
2008-2009	250,000	250,000
2009-2010	250,000	250,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	500,000	500,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	250,000		-	250,000
2009-2010	238,000	5%	11,900	249,900
2010-2011		10%	-	-
2011-2012		15%	-	-
2012-2013		20%	-	-
Subtotal	488,000		11,900	499,900
Contingency	0%		-	-
Totals	488,000		11,900	499,900

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

The City of San Mateo and Estero Municipal Improvement District jointly own and operate the Wastewater Treatment Plant (WWTP). In 1988, the joint agencies conducted planning studies to develop a long-term plan for build out and community needs and governmental agency requirements.

The process was a two-phase approach with the first phase being completed in 1996. Phase I increased hydraulic capacity from 13.6 MGD to 15.7 MGD.

Phase II consists of replacing and upgrading the solids treatment process.

ESTIMATED PROJECT SCHEDULE:

Construction of Phase II, the Dewatering Facility Improvements and Anaerobic Digester project was awarded in January 2005 with Notice to Proceed effective on April 12, 2005. Contract change orders executed as of December 2007 revises the construction duration from 730 calendar days to 794 calendar days. However, based on the contractor's schedule updates and the construction progress, the contract completion is anticipated to extend over 16-18 months beyond the contractual completion date of June 15, 2007.

An additional \$250,000 in funding is proposed in FY 2008-2009 with another \$250,000 proposed in FY 2009-2010 to provide for EMID's share of additional construction costs, construction management services, and engineering services during construction. Depending on the final project costs, additional funding may be needed.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

SANITARY SEWER LIFT STATION IMPROVEMENTS PROJECT

Funding	Funding Sources			
	CIP Sewer		Total	
2008-2009	-	150,000	-	150,000
2009-2010	-	150,000	-	150,000
2010-2011	-	3,000,000	-	3,000,000
2011-2012	-	-	-	-
2012-2013	-	-	-	-
Total	-	3,300,000	-	3,300,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	120,000		-	120,000
2009-2010	120,000	5%	6,000	126,000
2010-2011	2,175,000	10%	217,500	2,392,500
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	2,415,000		223,500	2,638,500
Contingency 25%	603,800		55,900	659,700
Totals	3,018,800		279,400	3,298,200

PROJECT PRIORITY CATEGORY: A

PROJECT DESCRIPTION:

This project is part of a multiphase program to rehabilitate the sewer system lift stations. Repairs 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 five (5) lift stations. A Lift Station Priority List has been compiled and included in the District's Sewer System

Management Plan (SSMP) and will be used to select the next group of stations slated for rehabilitation.

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

Funding of \$150,000 is proposed in FY 2008-2009 to fund investigation and preparing a technical memorandum, followed by additional funding of \$150,000 proposed in FY 2009-2010 to fund the preparation of design documents for construction. Funding of \$3,000,000 is proposed in FY 2010-2011 for construction. 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. The program's plan calls 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	Summer 2010
Project Closeout of Phase III	Early 2011

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

SEWER SYSTEM REHABILITATION – GRAVITY MAINS & MANHOLES

Funding	Funding Sources	
	CIP Sewer	Total
2008-2009	-	-
2009-2010	150,000	150,000
2010-2011	650,000	650,000
2011-2012	-	-
2012-2013	-	-
Total	800,000	800,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2008-2009	-	-	-	-
2009-2010	117,000	5%	5,900	122,900
2010-2011	470,000	10%	47,000	517,000
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	587,000		52,900	639,900
Contingency 25%	146,800		13,200	160,000
Totals	733,800		66,100	799,900

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of a multi-phase program, to assess the condition and make repairs to the sanitary collection system. Public Works Maintenance staff has now completed the television inspection of the gravity collection mains throughout the City. 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 phase of the project will address localized pipe repair and

manhole rehabilitation work that have been already identified.

Video recording of the system will continue to be collected and project reports prepared to identify repair and rehabilitation projects to prolong 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 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 in 2009.

ESTIMATED PROJECT SCHEDULE:

Preliminary Design and Compiling of Repair/Rehabilitation Locations	FY 2009-2010
Project Design	FY 2010-2011
Construction	Summer 2011

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER MAIN CONDITION SURVEY AND IMPROVEMENTS (2008-2009)

Funding	Funding Sources			Total
	CIP Water			
2008-2009	-	200,000	-	200,000
2009-2010	-	-	-	-
2010-2011	-	-	-	-
2011-2012	-	-	-	-
2012-2013	-	-	-	-
Total	-	200,000	-	200,000

Expenditures	Expenditure Categories				Total
	Design and CM	Construction	Inflation %	Inflation Escalation	
2008-2009	-	160,000		-	160,000
2009-2010	-	-	5%	-	-
2010-2011	-	-	10%	-	-
2011-2012	-	-	15%	-	-
2012-2013	-	-	20%	-	-
Subtotal	-	160,000		-	160,000
<i>Contingency</i>					
Design	10%	-	-	-	-
Constructor	25%	-	40,000	-	40,000
Totals	-	200,000		-	200,000

outlining recommended actions for repair, maintenance, and future inspections that are included in this Phase II project.

On September 4, 2007, the EMID Board of Directors awarded a consulting engineering contract to Lee and Ro, Inc. to perform design services for the construction of Phase II improvements. Improvements on the 24-inch transmission main include replacement of existing gate valves with butterfly valves; the replacement and standardization of air release valves; and other improvements that would allow staff to better access the main to inspect and monitor the condition of the pipeline in future years. Improvements to the distribution system include the installation of cathodic protection test stations to monitor additional portions of the steel mains as the system continues to age.

Prior year funding in the amount of \$650,000 had been approved for survey and investigations during Phase I; and for design and construction to implement the recommended Phase II improvements. Phase I expenditures amounted to approximately \$150,000. It is anticipated that design will be completed in Spring 2008 with construction expected to commence in Winter 2008. Based on 90% design construction cost estimates, a budget of \$200,000 is proposed to be included in FY 2008-2009 to augment the budget for construction of Phase II.

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

Phase I of this project included a condition assessment of the 24-inch transmission main, the District's main supply source of water, other steel distribution mains, and a sampling of metallic appurtenances within the water distribution system. Based on the findings, Phase I concluded with a technical memorandum

ESTIMATED PROJECT SCHEDULE:

Preliminary Engineering Investigation	FY 2006-2007
Project Design	FY 2007-2008
Project Construction	FY 2008-2009

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER VALVE REPLACEMENT (2009-2010)

Funding	Funding Sources	
	CIP Water	Total
2008-2009	-	-
2009-2010	300,000	300,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	300,000	300,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	228,500	5%	11,400	239,900
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	228,500		11,400	239,900
Contingency 25%	57,100		2,900	60,000
Totals	285,600		14,300	299,900

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

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

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 are added to the project by examining the system and identifying the need for installing additional isolation valves.

This on-going program helps keep the water distribution system in good condition allowing the provision of 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 2008-2009
Summer/Winter 2009

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER MAIN CONDITION SURVEY (2010-2011)

Funding	Funding Sources	
	CIP Water	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	200,000	200,000
2011-2012	-	-
2012-2013	-	-
Total	200,000	200,000

Expenditures	Expenditure Categories				Total
	Design and CM	Construction	Inflation %	Inflation Escalation	
2008-2009	-	-	-	-	-
2009-2010	-	-	5%	-	-
2010-2011	180,000	-	10%	-	180,000
2011-2012	-	-	15%	-	-
2012-2013	-	-	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 replacement of existing gate valves, the replacement and standardization of air release valves, and installation of cathodic protection test stations to further monitor the main as the system ages. Phase II also includes 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 design and anticipated to be completed during the Winter of 2008-2009.

A budget of \$200,000 is proposed in FY 2010-2011 to allow for subsequent investigations and assessment work following the completion of Phase II of 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. Pipeline interior could be inspected by inserting television cameras through the access points constructed along the pipeline as part of Phase II work.

ESTIMATED PROJECT SCHEDULE:

Investigation and Condition Assessment

FY 2010-2011

PROJECT PRIORITY CATEGORY: APROJECT 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 of CIP 760 to various components of the District's water distribution system.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

WATER VALVE REPLACEMENT (2011-2012)

Funding	Funding Sources	
	CIP Water	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	-	-
2011-2012	330,000	330,000
2012-2013	-	-
Total	330,000	330,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	-	5%	-	-
2010-2011	-	10%	-	-
2011-2012	228,500	15%	34,300	262,800
2012-2013	-	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 are added to the project by examining the system and identifying the need for installing additional isolation valves.

This on-going program helps keep the water distribution system in good condition allowing the provision of 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 2010-2011
Summer/Winter 2011

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

RESIDENTIAL STREET RESURFACING AND REPAIR (2008-2009)

Funding	Funding Sources	
	Gas Tax	Total
2008-2009	750,000	750,000
2009-2010		-
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	750,000	750,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2008-2009	600,000		-	600,000
2009-2010		5%	-	-
2010-2011		10%	-	-
2011-2012		15%	-	-
2012-2013	-	20%	-	-
Subtotal	600,000		-	600,000
Contingency 25%	150,000		-	150,000
Totals	750,000		-	750,000

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of the City's ongoing maintenance program for the public street system. In order 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 2006 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 is from Gas Tax funds.

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

Project Design – In-house
Construction

FY 2008-2009
Summer 2009

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

ARTERIAL AND COLLECTOR OVERLAY PROJECT (2009-2010)

Funding	Funding Sources	
	Measure A	Total
2008-2009	-	-
2009-2010	790,000	790,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	790,000	790,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	600,000	5%	30,000	630,000
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	600,000		30,000	630,000
Contingency	25%	150,000	7,500	157,500
Totals	750,000		37,500	787,500

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. 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

Fall/Winter 2009-2010
Summer 2010

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

RESIDENTIAL STREET RESURFACING AND REPAIR (2010-2011)

Funding	Funding Sources	
	Measure A	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	825,000	825,000
2011-2012	-	-
2012-2013	-	-
Total	825,000	825,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	-	5%	-	-
2010-2011	600,000	10%	60,000	660,000
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	600,000		60,000	660,000
Contingency 25%	150,000		15,000	165,000
Totals	750,000		75,000	825,000

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 is from Measure A revenue.

ESTIMATED PROJECT SCHEDULE:

Project Design – In-house
Construction

FY 2010-2011
Summer 2011

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of the City's ongoing maintenance program for the public street system. In order 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 2006 and the data used to update the PMP street condition database. The updating of the street

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

ARTERIAL AND COLLECTOR OVERLAY PROJECT (2011-2012)

Funding	Funding Sources	
	Measure A	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	-	-
2011-2012	865,000	865,000
2012-2013	-	-
Total	- 865,000	865,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2007-2008	-	-	-	-
2008-2009	-	5%	-	-
2009-2010	-	10%	-	-
2010-2011	600,000	15%	90,000	690,000
2011-2012	-	20%	-	-
Subtotal	600,000		90,000	690,000
Contingency	25%	150,000	22,500	172,500
Totals	750,000		112,500	862,500

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. 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

Fall/Winter 2011-2012
Summer 2012

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

RESIDENTIAL STREET RESURFACING AND REPAIR (2012-2013)

Funding	Funding Sources		
	Measure A	Prop 1B	Total
2008-2009	-	-	-
2009-2010	-	-	-
2010-2011	-	-	-
2011-2012	-	-	-
2012-2013	441,000	459,000	900,000
Total	441,000	459,000	900,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	-	5%	-	-
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	600,000	20%	120,000	720,000
Subtotal	600,000		120,000	720,000
Contingency 25%	150,000		30,000	180,000
Totals	750,000		150,000	900,000

PROJECT PRIORITY CATEGORY: APROJECT DESCRIPTION:

This project is part of the City's ongoing maintenance program for the public street system. In order 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 2006 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 is from local Measure A revenues and State Proposition 1B Transportation Bond funding.

ESTIMATED PROJECT SCHEDULE:

Project Design – In-house
Construction

FY 2012-2013
Summer 2013

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

FOLLOW-UP ON BI-ANNUAL CALTRANS BRIDGE INSPECTIONS

Funding	Funding Sources	
	Prop. 42	Total
2008-2009	-	-
2009-2010	435,000	435,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	435,000	435,000

Expenditures	Expenditure Categories			Total
	Estimated Project Cost	Inflation %	Inflation Escalation	
2008-2009	-	-	-	-
2009-2010	330,000	5%	16,500	346,500
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	330,000		16,500	346,500
Contingency 25%	82,500		4,100	86,600
Totals	412,500		20,600	433,100

PROJECT PRIORITY CATEGORY: BPROJECT DESCRIPTION:

This project incorporates follow-up actions to the bi-annual Caltrans inspection reports of four City owned bridges (Bicentennial, Foster City, Rainbow, & Shell Blvd.). These inspections list potential defects in the various bridge structural components that may require repairs. CSG Consultant reviewed CALTRANS reports for the years 1999, 2001 and

2003 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 health of the bridges. CSG is currently reviewing CALTRANS reports for the years 2005 and 2007.

The project scope of work will include cleaning and replacement of expansion joint seals, repair of concrete spalls and settlement on the approach slab and deck, installation of bird screens, and application of methacrylate sealant to bridge decks. It is proposed that work to all four bridges be aggregated into a larger single project in order to generate more competitive bidding.

Prior funding for this project totals \$230,000. The proposed budget of \$430,000 in FY 2009-2010 will augment this amount to provide for construction of the project, as well as design and construction management services. The bidding of this composite project is planned for the Summer of 2010. Funding for this project is eligible under 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 (2008-2009)

Funding	Funding Sources	
	CIP City	Total
2008-2009	370,000	370,000
2009-2010	-	-
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	370,000	370,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	305,000	5%	15,300	320,300
2009-2010		5%	-	-
2010-2011		10%	-	-
2011-2012		15%	-	-
2012-2013		20%	-	-
Subtotal	305,000		15,300	320,300
Contingency 15%	45,800		2,300	48,100
Totals	350,800		17,600	368,400

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. Land Water Conservation Grant
6. Youth Sport Turf Foundation
7. Park in Lieu

PROJECT DESCRIPTION

1. **Pathway Repairs. \$250,000.** Resurfacing and Repair work should be done every seven–ten years. Several areas have severe cracking, are uplifted and have crumbling edges. In order to correct these deficiencies (hazards) complete replacement will need to be done. This includes the creation of a sub-base, new asphalt and wooden header-boards. Also, some areas will require extensive concrete work. The following pathways and walkways will need repair:

Park Asphalt Pathways

<u>Location (Parks)</u>	<u>Sq. Ft.</u>
1. Arcturus Park	4,590
2. Boothbay Park	21,000
3. Edgewater Park	10,500
4. Erckenbrack Park	9,440
5. Farragut Park	11,050
6. Gull Park	10,160
7. Ketch Park	16,710
8. Kildeer Park	18,000
9. Marlin Park	13,000
10. Port Royal Park	3,520
11. Recreation Center	4,400
12. Shad Park	14,000
13. Sunfish Park	10,900
14. Turnstone Park	8,500
Total Sq. Ft. =	155,770

<u>Location (Parks)</u>	<u>Walkways</u>	<u>Sq. Ft.</u>
1. Arcturus		5,400
2. Blythe		2,200
3. Constitution		9,350
4. Cumberland		2,750
5. Jamaica		1,310
6. Lurline		1,400
7. Mainsail		1,730
8. Montego		2,850
9. Pilgrim		8,000
10. Ranger		3,000
11. Sloop		1,730
12. Staysail		1,730
13. Winchester		1,310
14. Yawl		<u>1,730</u>
Total Sq. Ft. =		44,490

2. **Dog Park Synthetic Surface Replacement and Light Bollards Installation \$55,000.** The synthetic turf inside the dog park shows the anticipated signs of wear and tear where we accommodate approximately 100 to 200 dogs on a daily basis. The estimated life expectancy of the turf system is approximately 8-10 years, and this system was installed in 1999. Estimated cost for turf is \$40,000. Staff has identified a need for additional lighting for safety inside the dog park area. The park is open from approximately 7am to 10pm, and staff has received comments from park users that additional lighting inside the park would provide for safe transfer from the parking lot to the dog run. Staff is planning to place four 8 foot light stands in the center of the dog park. Lighting will be confined to the dog park area based on the same lighting technique utilized at the Foster City bocce ball court. The anticipated cost for additional lighting inside the dog run is approximately \$15,000, which includes wiring, conduit, trenching, and the purchase and installation of lights.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (LEEVE/PEDWAY IMPROVEMENTS AND REPAIRS)

Funding	Funding Sources		
	CIP City	Prop 42	Total
2008-2009	-	-	-
2009-2010	875,000	875,000	1,750,000
2010-2011	-	-	-
2011-2012	-	-	-
2012-2013	-	-	-
Total	875,000	875,000	1,750,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	1,388,523	5%	69,400	1,457,923
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	1,388,523		69,400	1,457,923
Contingency 20%	277,700		13,900	291,600
Totals	1,666,223		83,300	1,749,523

PROJECT PRIORITY CATEGORY: CPOSSIBLE 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 visitors to the pedway yearly 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.
- Slurry sealing.
- Crack sealing.
- Asphalt top coating.
- Refurbishment of the walking track.

\$250,000 has been included in prior year funding for the project. An additional \$1,750,000 is proposed for FY 2009-2010. The proposed budget is based on the preliminary cost estimate to complete repairs and preventive maintenance for the entire levee pedway. 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 into the levee pedway easement areas.

The total project funding would be \$2,000,000. The preliminary cost estimate to complete repairs and preventive maintenance to the entire levee pedway is \$1.5 to \$2 million and exceeds the available budget of \$250,000. 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 denote encroachments of private structures, trees, and landscaping into the City's easements for the levee pedway.

ESTIMATED PROJECT SCHEDULE

Study/Design	FY 2008-2009
Construction	FY 2009-2010

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 numerous locations several weeks to advise the public of the upcoming construction before the actual start of the project.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2009-2010)

Funding	Funding Sources	
	CIP City	Total
2008-2009	-	-
2009-2010	200,000	200,000
2010-2011	-	-
2011-2012	-	-
2012-2013	-	-
Total	200,000	200,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	145,000	5%	7,300	152,300
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	145,000		7,300	152,300
Contingency 25%	36,300		1,800	38,100
Totals	181,300		9,100	190,400

PROJECT DESCRIPTION**1. Recreation Center Landscaping/S Parking Lot. \$15,000.**

There are 6 finger and 8 square landscape islands in the south parking lot. Several of the Blackwood Acacia trees have died due to disease and have been removed. Sixteen new Plum trees will be planted in the parking landscape strips with irrigation.

2. Basketball/Tennis Court Resurfacing. \$130,000.

Resurfacing of the city-owned basketball/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. Courts include:

- a. Boothbay Park - 4 tennis courts
- b. Leo Ryan Park - 4 tennis courts

PROJECT PRIORITY CATEGORY: C

POSSIBLE FUNDING SOURCES:

1. Capital Investment – City Fund

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2010-2011)

Funding	Funding Sources	
	CIP City	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	445,000	445,000
2011-2012	-	-
2012-2013	-	-
Total	-	-

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	0%	-	-
2009-2010	-	5%	-	-
2010-2011	350,000	10%	35,000	385,000
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	350,000		35,000	385,000
Contingency 15%	52,500		5,300	57,800
Totals	402,500		40,300	442,800

PROJECT DESCRIPTION

1. **Basketball Court Resurfacing.** \$90,000. 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 should be done every five to seven years. The total costs include all resurfacing and painting of lines. Four (4) basketballs scheduled for repair include:

- a. Shad Park -1 basketball court
- b. Sunfish Park - 1 basketball court
- c. Port Royal Park - 1 basketball court
- d. Turnstone – 1 basketball court

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.

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. Land Water Conservation Grant
6. Youth Sport Turf Foundation

3. Central Computer Satellites. \$60,000. Add satellites at four park locations to increase irrigation efficiency and reduce water costs. The recommended park sites include: 1) Leo J. Ryan Park - \$19,500; 2.) Boat Park - \$10,500; 3.) Rec. Center - \$18,500 and; 4.) Farragut – \$11,500. Once central system satellites are fully functional with added locations and routine use, 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; (c.) Making automatic adjustments by using a Basic ET System.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

LEVEE PARK AND SEA CLOUD S-4 – SYNTHETIC TURF AND PARK IMPROVEMENTS (2010/2011)

Funding	Funding Sources	
	Park in Lieu	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	1,925,000	1,925,000
2011-2012	-	-
2012-2013	-	-
Total	1,925,000	1,925,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	-	-	-
2009-2010	-	5%	-	-
2010-2011	1,400,000	10%	140,000	1,540,000
2011-2012	-	15%	-	-
2012-2013	-	20%	-	-
Subtotal	1,400,000		140,000	1,540,000
Contingency 25%	350,000		35,000	385,000
Totals	1,750,000		175,000	1,925,000

PROJECT PRIORITY CATEGORY: CPOSSIBLE FUNDING SOURCES:

1. Capital Investment – City Fund
2. Park in Lieu Fees
3. Capital Investment – CDA Fund
4. Bay Trails Grants
5. CCAG Bikeway Grant
6. Land Water Conservation Grant
7. Youth Sport Turf Foundation

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”. Future grant funding may be available through L.W.C.F. (Land and Water Conservation Fund).

2. **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 fields 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. (See matrix)

Because of the elimination of many of the routine park maintenance duties, park’s 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 player's 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.

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2011-2012)

Funding	Funding Sources	
	CIP City	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	-	-
2011-2012	120,000	120,000
2012-2013	-	-
Total	-	-

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation		Total
		Inflation %	Escalation	
2008-2009	-	0%	-	-
2009-2010	-	5%	-	-
2010-2011	-	10%	-	-
2011-2012	90,000	15%	13,500	103,500
2012-2013	-	20%	-	-
Total	90,000		13,500	103,500
Contingency	15%		2,000	15,500
Totals	103,500		15,500	119,000

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. Land Water Conservation Grant
6. Youth Sport Turf Foundation
7. Park in Lieu

PROJECT DESCRIPTION

1. **Basketball Court Resurfacing.** \$90,000. The basketball courts 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 court resurfacing should be done every five to seven years. The total costs include all resurfacing and painting of lines. Three (3) basketballs courts are in need of repair:

- a. Edgewater Park -1 basketball court
- b. Boothbay Park - 1 basketball court

ESTIMATED PROJECT SCHEDULE

As outlined in project descriptions.

MAINTENANCE REQUIREMENTS

Projects to be maintained within existing resources

CIP PROJECT DESCRIPTION FOR FIVE-YEAR FINANCIAL PLAN

PARK INFRASTRUCTURE IMPROVEMENTS (2012-2013)

Funding	Funding Sources	
	CIP City	Total
2008-2009	-	-
2009-2010	-	-
2010-2011	-	-
2011-2012	-	-
2012-2013	100,000	100,000
Total	100,000	100,000

Expenditures	Expenditure Categories			
	Estimated Project Cost	Inflation %	Inflation Escalation	Total
2008-2009	-	0%	-	-
2009-2010	-	5%	-	-
2010-2011	-	10%	-	-
2011-2012	-	15%	-	-
2012-2013	71,000	20%	14,200	85,200
Subtotal	71,000		14,200	85,200
Contingency	15%	10,700	2,100	12,800
Totals	81,700		16,300	98,000

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. Land Water Conservation Grant
6. Youth Sport Turf Foundation
7. Park in Lieu

PROJECT DESCRIPTION

1. **Basketball Court Resurfacing.** \$50,000. 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 court resurfacing should be done every five to seven years. The total costs include all resurfacing and painting of lines. One basketball court will be scheduled for repair:

- a. Ketch Park -1 basketball court

2. **Tennis Court Resurfacing.** \$21,000. Catamaran Park – This is a component of our regularly scheduled maintenance for tennis courts.

ESTIMATED PROJECT SCHEDULE

As outlined in project descriptions.

MAINTENANCE REQUIREMENTS

Projects to be maintained within existing resources