



DEPARTMENT OF FINANCE

Council Budget and Finance Committee Meeting

Date: April 22, 2009

Time: 4:00pm

Room: 4B, City Hall

777 B Street

Hayward, CA 94541

AGENDA

Public Comments: (Note: For matters not otherwise listed on the agenda. The Committee welcomes your comments under this section, but is prohibited by state law from discussing items not listed on this agenda. Your item will be taken under consideration and referred to staff.)

1. Capital Improvement Program FY10 – FY19
2. General Fund Financial Report – March 2009

Distribution:

Mayor and City Council
City Manager
City Attorney
City Clerk
Assistant City Manager
Director of Finance

Development Servs Director
Fire Chief
Human Resources Director
Library Director
Police Chief
Public Works Director

Maintenance Servs Director
Accounting Manager
Budget Administrator
Daily Review
Interested Parties
Post

Assistance will be provided to those requiring accommodations for disabilities in compliance with the Americans with Disabilities Act of 1990. Interested persons must request accommodations at least 48 hours in advance of the meeting by contacting the Assistant City Manager at (510) 583-4300 or TDD (510) 247-3340.



CITY OF
HAYWARD
HEART OF THE BAY

DATE: April 22, 2009
TO: Council Budget and Finance Committee
FROM: Director of Public Works
SUBJECT: Capital Improvement Program FY10 – FY19

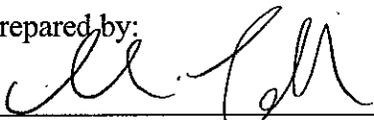
RECOMMENDATION:

That the Committee review and comment on the attached Capital Improvement Program (CIP) for Fiscal Year 2010 through Fiscal Year 2019.

BACKGROUND:

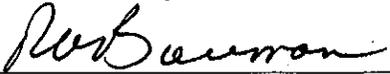
Transmitted herewith is the recommended FY 2010 – FY 2019 CIP. The entire Council is scheduled to review this document at a work session on May 26. The Planning Commission will also be reviewing the CIP for conformance with the General Plan at a public hearing on May 14. The highlights of this year's proposal can be found in the City Manager's letter in the front of the document.

Prepared by:



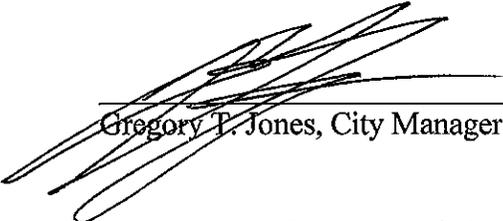
Morad Fakhrai, Deputy Dir. of Public Works

Recommended by:



Robert A. Bauman, Director of Public Works

Approved by:



Gregory P. Jones, City Manager

Attachments: Recommended 10-year Capital Improvement Program FY10-FY19



CITY OF
HAYWARD
HEART OF THE BAY

April 16, 2009

Honorable Mayor and City Council:

This letter serves to transmit the Ten-Year Capital Improvement Program (CIP) for your consideration. The City Council will review this document during a work session in May. Beforehand, the Planning Commission will have reviewed the document for conformance with the General Plan.

The draft before you contains description sheets for each current project, as well as identified future projects. In addition, an overview of program changes is offered in the "Project Changes and Modifications" section beginning on page 14.

As was noted in last year's transmittal letter, staff was directed to prepare a ten-year CIP for your review this year. Therefore, the CIP submitted for your consideration covers fiscal years 2010 through 2019. By allowing for a much longer-term view, Council and City staff can better anticipate and address various needs throughout the community. Because of present economic conditions, very little unrestricted funding is available, however, within existing funding constraints, the FY 2010 CIP continues to allocate resources to address Council's priorities, especially as they pertain to improving the attractiveness and safety of neighborhoods.

As we are all keenly aware, the ongoing, severe recession is negatively impacting and constraining staff's ability to provide even the most basic services to the community; much of the same is occurring with staff's ability to address needed improvements to the City's infrastructure. For example, the loss of Gas Tax and sales tax revenue has led to significant reductions to the number and scope of paving projects. In the case of the Gas Tax Fund, the deferral of funds by the State to cities for the second half of FY 2009, when joined together with a shrinking revenue stream, has led to the elimination of pavement rehabilitation work from that account for this year, and the future is still uncertain. However, as the economy improves, staff will make every effort to restore such projects to pre-recession funding levels.

In spite of these difficulties, staff has been able to restructure efforts to address Council's priorities. One example of that success has been the Neighborhood Improvement Project. As a result of numerous and frequent meetings of representatives from both the City and the various neighborhoods, significant changes are occurring. New speed control measures (such as speed lumps), improved lighting, and other items have all been implemented, much to the praise and support of the residents in each neighborhood. Our efforts in this area are expected to expand during FY 2010 as more neighborhoods are involved. The City's appearance is expected to

OFFICE OF THE CITY MANAGER

777 B STREET, HAYWARD, CA 94541-5007

TEL: 510/583-4300 • FAX: 510/583-3601 • TDD: 510/247-3340

improve, with several projects aimed at improving landscaping and the overall appearance of the City. The Median Landscaping Improvement Project was created during FY 2009 using funding transferred from the Route 238 Trust Fund and several smaller landscaping projects are already underway. It is expected that work in this area will continue during FY 2010, with several larger-scale projects planned for medians along major thoroughfares. In the Gas Tax Fund, a project added last year to purchase and implement software to better maintain and keep track of the City's urban forest has been expanded through a successful grant application.

Some of the landscaping improvements, as well as the Neighborhood Improvement Project, are budgeted out of the City's Capital Improvement Fund. In better economic times, this fund would have received moneys transferred from the General Fund. However, while this fund currently has a positive fund balance, much of that is from a developer donation to fund planning and design for a new library, continued funding for these neighborhood projects is contingent on two remaining revenue sources; the construction tax on new dwelling units, and two surplus land sales. Construction tax is down as a result of the collapse of the housing market, and surplus land sales have also been affected by the housing meltdown. Our future-year forecasts have been lowered and, as a result, the Neighborhood Improvement Project has been reduced to \$50,000 per year. Regarding surplus land sales, the developer for the "A" Street and Burbank parcel forfeited his deposit and backed out of his purchase contract with the City. Fortunately, the Redevelopment Agency will be purchasing this parcel to pursue a low income housing development. The second sale of a portion of Traynor Avenue has been delayed because the developer has backed out, although the property owner wants to extend the Tentative Map in hopes that it can be pursued once the economy turns around. This uncertainty, paired with less-than-expected receipts from construction tax during the next few years, may dictate that funding be further reduced for these projects or transfers to the new Service Funds be pared down to match revenues.

As noted in last year's transmittal letter, the City continues to make progress towards the design and construction of a new library. The preliminary design is scheduled to be completed and reviewed by the Council and the community during FY 2010. With the planned donation of \$10 million from Calpine and \$5 million from Salem Communications, the City should be in a good position to establish a funding foundation from which to pursue bond or alternate funding for construction of the new library.

Even with the financial constraints facing the City, staff was able to design and construct numerous projects that have served to improve the City's infrastructure and support livable neighborhoods. During FY 2009, the City invested over \$2.8 million in constructing or rehabilitating the City's system of sidewalks and wheelchair ramps. Consistent with the expanded, 10-year timeline for the CIP, staff has been able to better forecast and allocate funds for future areas of need. All told, the amount of funding dedicated to sidewalk improvements will total \$13.5 million for the ten-year period, allocating \$9.5 million for rehabilitation and \$4 million for construction of new sidewalks. The construction of new sidewalks is a relatively new program that provides for the installation of new sidewalk along roadways that are near schools or are along heavily traveled pedestrian thoroughfares. In addition to improving sidewalks, staff continues to dedicate approximately 15 percent of each sidewalk rehabilitation project towards installing trees or improving the landscaping in the project area. The final program utilized to create and maintain livable neighborhoods is the installation of ADA-accessible sidewalk ramps

throughout the City. From FY 2010 through FY 2019, the total budget for this work will exceed \$1.2 million. These and other expenditures designed to benefit and encourage pedestrian and other non-vehicular activity are highlighted in the Livable Neighborhoods section of the CIP.

As noted earlier, due to declines in revenues derived from Gas Tax and sales tax distributed through Measure B, the City has struggled to maintain the number of street-related improvement projects. Additionally, due to the State's continuing budget crisis, the Governor declared a fiscal emergency. As part of this emergency, the State will withhold Gas Tax payments to cities and counties from February through July with planned repayment in September and October of this year. City staff has evaluated both revenues and expenditures within this fund and have developed a contingency plan that will delay the third and fourth quarter transfers of Gas Tax revenue to the General Fund from FY 2009 to FY 2010.

However, City staff continues to diligently utilize all available funding to target those sections of the City that have the greatest need for pavement rehabilitation or reconstruction. During FY 2009, approximately \$10 million was committed to such projects. Two funding sources of significance in FY 2009 included receipt of over \$2 million in American Recovery and Reinvestment Act funds for rehabilitation of local streets and roads, and \$2.2 million from our second increment of Proposition 1B funds. Over the next 10 years, it is expected that expenditures for pavement rehabilitation will exceed \$38 million. Much of the funding for the "out" years of the CIP is provided through State-related sources, specifically, Proposition 42 monies. The ongoing infusion of Proposition 42 funds in the coming years allows for the addition of more pavement-related projects in the Street System Improvements Fund, thereby lessening the reliance on Gas Tax to properly maintain the City's streets when needed.

One of the major street rehabilitation projects scheduled for FY 2009 and FY 2010 involved street improvements in the Old Highlands Homeowners Association (OHHA) neighborhood of Hayward. The project was dependent on homeowners' approval of an assessment district; however, a vote was taken in early FY 2009, and the residents in the association overwhelmingly decided not to form an assessment district at this time, thereby eliminating the project from the CIP.

Outside of the City's commitment to the betterment of its roadways and pedestrian routes, there are two major transportation-related projects scheduled for completion within the next several years. The largest single project in the CIP is the Route 238 Corridor Improvement Project. Currently, staff is actively acquiring right-of-way and is on schedule to garner the needed parcels by mid FY 2010. During the latter part of FY 2010, the project will be advertised and construction will commence on the project. Construction is expected to take two and a half years, with an anticipated completion date of late in FY 2012.

Design work continues on the first phase of the 880/92 Reliever Route project, which includes construction of the West "A" Street and Whitesell Street extensions. The schedule, particularly for West "A" Street, is being impacted by the need to address Airport Runway Safety Area requirements and associated environmental issues. When construction is completed by FY 2013, the project is expected to cost approximately \$25 million; funding for this project will be wholly provided through Measure B funds administered by the Alameda County Transportation

Improvement Authority (ACTIA).

Due to the expanded, ten-year planning horizon for the CIP, there have been significant additional Utilities-related expenditures reflected in the CIP. A comprehensive plan has been developed to address needs pertaining to the Water Pollution Control Facility (WPCF), Sewer Collection System, and Water Distribution System. The CIP includes improvement and replacement projects to ensure that the water and sewer infrastructure needed to deliver critical utilities services is reliable, efficient, and appropriately sized to meet the needs of the community.

Noteworthy near-term wastewater-related projects include WPCF Phase II Improvements that will convert an existing gravity thickener to a new primary clarifier and enclose the effluent channel. Design of Phase II will get underway in FY 2010, with construction planned for the following year. Beginning in FY 2011, work is scheduled to begin on the replacement of an existing trickling filter that is inefficient and does not meet current seismic standards. This project is also part of the WPCF Phase II Improvements.

The Sewer Collection System will undergo several pipeline improvements. In the later years, many of the projects center around updating technology to most efficiently monitor and maintain facilities, and implementing preventative maintenance and cleaning schedules to keep the facilities operating at optimum efficiency. In order to keep pace with changing conditions, the CIP includes updates to the WPCF Master Plan and the Wastewater Collection System Master Plan in FY 2010 and FY 2014, respectively. Funding is provided to implement recommendations that will result from these planning efforts.

Major water system projects in the near term focus on the replacement and renovation of existing water storage reservoirs to increase storage capacity and improve structural reliability. In FY 2010, construction is expected to start on replacement of the existing one million gallon (mg) Highland 1000 Reservoir off of La Mesa Drive with a new 2.2 mg structure to address a storage deficiency. In addition, the Highland 250, D Street, and Maitland reservoirs are currently scheduled to undergo seismic upgrades during FY 2010 and FY 2011. In future years, projects to replace the existing 1 mg High School Reservoir, located above City Center Drive, with a 3 mg facility and to construct an underground reservoir on Hesperian Blvd have been added. Various water main replacement and improvement projects are included to ensure that system capacity requirements are achieved and that facilities are maintained for optimal operating efficiency. As with the wastewater system, a Water System Master Plan Update is recommended in FY 2012 to evaluate the system in view of current conditions and the improvements made in recent years, with additional funding proposed for projects that will be recommended in the Update.

In addition to normal improvement and replacement projects, the CIP identifies resource efficiency opportunities within the Utilities systems. Projects to evaluate the potential of wind power and to construct solar panels at the WPCF will enable the facility to draw a significant amount of needed energy from alternative "green" sources. Also, the Solar Feasibility Study being conducted for the WPCF will be expanded next year to include looking into the feasibility of a much larger solar project, perhaps 10 megawatts, that could potentially be located over the existing storage ponds. If feasible, a funding source would need to be identified and such a facility would become a seller of green energy since it exceeds the treatment plant's requirements. In addition, if construction of the

Russell City Energy Center goes forward, a project will be implemented at the WPCF, in cooperation with Calpine, to produce tertiary treated wastewater and a distribution system to deliver the excess tertiary treated recycled water to nearby sites for use in landscape irrigation and some industrial processes. In the area of water conservation, funding is continued for City rebate programs for residents and businesses to replace existing fixtures, such as toilets, with high efficiency models that exceed the fixture efficiency currently approved by the State Plumbing Code. A new project is proposed to construct a water-efficient demonstration garden, along the walkway connecting City Hall to BART. The project will replace existing turf and non-native plants with low water-use and native plant materials, incorporating Bay Friendly landscape practices and integrated pest control.

In order to raise the needed capital for many of the wastewater-related projects above, Utilities staff has developed a plan that includes grants, low interest loans from the State’s Clean Water Revolving Fund, and use of Fund reserves. Below is a table that summarizes the low-interest loan and grant monies expected to be available and pursued for City projects.

Project/Funding Source(s)	Amount	Year	Repayment Source(s)
Solar Project <ul style="list-style-type: none"> • PG&E Grant • Economic Stimulus Grant/Low Interest Loan 	\$800,000 \$3,200,000	2010 2010	<ul style="list-style-type: none"> • None None if grant; Wastewater Fund if loan (from energy cost savings)
WPCF Phase II Improvements <ul style="list-style-type: none"> • Low-interest SWRCB SRF Loan 	\$10,800,000	2011	<ul style="list-style-type: none"> • 50% from Wastewater Improvement Fund 613 • 50% from Water Pollution Control Facility Replacement Fund 616
Recycled Water Facilities <ul style="list-style-type: none"> • SWRCB Construction Grant • Low-interest SWRCB SRF Loan 	\$1,800,000 \$6,400,000	2012 2012	<ul style="list-style-type: none"> • None • 50% from Wastewater Improvement Fund 613 • 50% from Water Improvement Fund 622
Final Clarifier <ul style="list-style-type: none"> • Low-interest SWRCB SRF Loan 	\$1,700,000	2018	<ul style="list-style-type: none"> • 50% from Wastewater Improvement Fund 613 • 50% from Water Pollution Control Facility 616

The Airport Fund has benefited by the 10-year planning horizon for the CIP in that all of the 2002 Airport Master Plan projects have been programmed based on assumed funding levels from the FAA and increased revenue from the growth of on-going operations at the Airport. Development at the Airport is certainly one of the more positive economic trends for the City,

and staff is aggressively pursuing opportunities to maximize that trend. The project plans are also consistent with requirements identified in the updated Airport Layout Plan, which should be finalized by the end of FY 2009. One critical safety project identified by the FAA is the enclosure of portions of Sulphur Creek near the main runway to reduce the potential of bird strikes. This project also has to address any mitigation associated with closing in the channel. As noted, most of the major projects are based on the approved Airport Master Plan and involve necessary improvements to taxiways and other aviation facilities. One such project is the realignment of Taxiway Zulu, which is expected to cost approximately \$3.2 million and is programmed for FY2013, but staff is hopeful that, because it is designed, it may be funded by FAA in FY 2010. The renovation of the airfield's lighting and markings is slated to occur in FY 2014, at a cost of \$2.2 million. The total amount of investment at the Airport from FY 2010 through FY 2019 is approximately \$21 million, with much of the funding for these projects coming from projected Federal Aviation Administration (FAA) grants under the Airport Improvement Program as well as transfers from the Airport operating fund.

The Internal Service Fund for Facilities, which was implemented this fiscal year, is utilized to exclusively address the improvements and upkeep of many of the City's older buildings, such as the Police Department and various fire stations. Some of the more prominent projects in this fund include HVAC upgrades, roof repair and replacement, and the replacement of flooring and carpet at various City facilities. The indicated project list is dependent both on the transfer from the Capital Improvement Fund discussed above and the ability to implement Facility Charges beginning in FY 2011 from the General Fund and other supported departments. Unfortunately, there presently is no source of funding for most major facility requirements, such as replacement of Police Headquarters or fire stations. These projects are all shown in the Identified Capital Needs section.

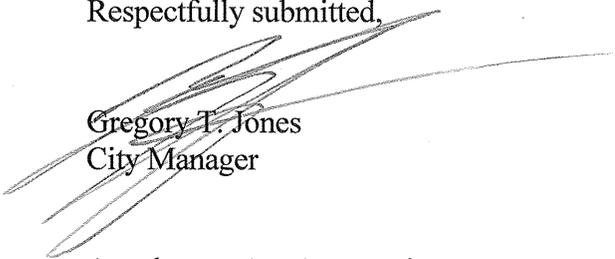
Another newly-established internal service fund addresses the aging information technology infrastructure at the City's facilities. During FY 2009, many of the City's desktop computers were replaced with newer, more efficient models, with more replacements to occur through FY 2012. This fund will also serve to replace other items, such as network servers and public safety mobile units, as well as other business technology needs. As with the Internal Service Fund for Facilities, the indicated project list is dependent both on the transfer from the Capital Improvement Fund discussed above and the ability to implement Information Technology Charges beginning in FY 2011 from the General Fund and other supported departments. Also, as with facilities, there are major technology requirements from the FY 2008 Technology Strategic Plan, such as a new Enterprise Resource Planning (Finance) system and Public Safety CAD/RMS system, that are all shown on the identified needs list.

The last section of the CIP is the Identified Capital Needs section and it has also been revised. The list previously only included projects identified in official city documents such as the Circulation Element, Neighborhood Plans, Landscape Beautification Plan, Airport Master Plan, and Technology Strategic Plan. This year, those department requests, primarily for needed major facility replacements and facility improvements that cannot be addressed because of funding, also have been included in the Identified Capital Needs section. Also, a new section has been added to identify the 10-year capital requirements associated with needed vehicle fleet replacement. There is a significant challenge in funding this need. Next year's CIP will include an internal

service fund for vehicle replacement. Finally, previously listed needs addressed in the CIP are appropriately annotated and will be dropped from future lists.

As was the case last year, the projects contained in the CIP reflect a concerted effort to focus on the needs of the community, as well as the stated priorities of the City Council. There certainly will be more challenges as we proceed, especially in addressing the City's own facility, equipment, and information technology unfunded needs. While the economic downturn has hindered staff's ability to address all of the City's needs, with the CIP timeline extended from five to ten years, a much clearer picture has developed as how to best allocate financial resources in the coming years to address the most critical issues facing the City, the community, and the Council. Attached to this letter is a summary of the key assumptions (Attachment A) that were used in preparing the Ten-Year CIP. The staff and I look forward to discussing projects and issues embodied in this capital plan.

Respectfully submitted,



Gregory T. Jones
City Manager

Attachment A – Assumptions

ATTACHMENT A

FY10 Ten-Year Capital Improvement Program Working Assumptions

1. Interest Rates: Rate of return on existing fund balances - 1% for FY10, 2% for FY11 & FY12, 3% for FY13, and 4% for FY14-FY19. Projected interest rate on City borrowing - based on current market information - 4.0% per year.
2. Construction Inflation Rate: 1% per year.
3. Monies received from Gas Tax, which includes Proposition 111 (Gas Tax), have been escalated by 1% for FY10 through FY19. Transfers to the General Fund from the Gas Tax Fund to support eligible expenditures for FY 10 will again be increased compared to historic levels by \$750,000 to \$2,111,000. Actual FY10 total transfer will amount to 3,166,000, with the additional \$1,055,000 due to the deferral of Gas Tax by the State from FY09 which will be received during FY10.
4. As noted in Assumption 3, transfers of Gas Tax Fund monies to the General Fund will increase by \$750,000 in FY10, after eliminating this increase to the transfer in FY11, future years of the transfer to the General Fund will increase by 1% per year, resulting in a transfer of \$1,493,000 in FY19.
5. Based on sales tax projections provided by the City's Finance Department, anticipated revenue from the Measure B program is assumed to be \$1,615,000 in FY10 and \$1,599,000 in FY11 (a decrease of 7% and 1%, respectively); future increases are estimated at 3% in FY12 through FY19.
6. Monies received from the Measure B Non-Motorized Fund for pedestrian and bicycle improvements are assumed to be \$346,000 in FY10 and \$342,000 in FY11 (a decrease of 7% and 1%, respectively); future increases are estimated at 3% in FY12 through FY19.
7. Due to the economy and the corresponding lack of development, revenue from the Construction Improvement Tax is expected to remain at FY09 reduced levels next year at \$100,000. Gradual increases are expected FY11 through FY13, at which time revenues are assumed to have returned to previous level of \$250,000.
8. Maintain \$500,000 transfer per year from the Route 238 Trust Fund to the Street System Improvements Fund in FY10 through FY19 to support the New Sidewalk Program and the Median Landscaping Improvement Project.
9. Originally, the City was expected to receive its full share of monies from Proposition 1B over two fiscal years (FY08 and FY10); while the first portion of funding was received during FY08, the City was able to apply for and receive its second allotment in FY09, or one year earlier than expected. The amount received during FY09 was \$2,198,000.

10. As noted last year, the Governor's Traffic Congestion Relief Program (TCRP) established under Proposition 42 was suspended during FY08 but funded once again during FY09 at an annual amount of \$1.42 million; funds received under this program are expected to be slightly less during FY09, or \$1.36 million, and then will increase slightly to \$1.41 million during FY10. Thereafter, the budget assumes a level of funding of approximately \$1.5 million; monies received under this source will be applied towards street maintenance projects.
11. In a continuing effort to reduce General Fund expenditures, the reduced transfer of \$220,000 will be eliminated in FY10, but continuation of the \$350,000 per year transfer from the General Fund to the Transportation System Improvement Fund in FY11 through FY19 is assumed and provides funding for transportation projects.
12. Although not shown as a specific project since PG&E will fund the work, use of an estimated \$6.2 million in Rule 20A monies allotted to the City will allow for completion of the undergrounding of utilities on Mission Boulevard from Sycamore Avenue to Arrowhead Way which will be completed as part of the Route 238 Corridor Improvement Project. Also included in the Rt 238 Corridor Improvement Project will be undergrounding of Watkins Street and Fletcher Street to complete undergrounding in the downtown area. Based on Rule 20A allocations to date, it is projected that these projects will use our allocation through the year 2012.
13. Planned transfers from the sewer and water operating funds to the capital funds allows for critical capital projects identified in the Sewer and Water System Master Plan Updates, plus the Water and Sewer Seismic Study, to be accomplished.
14. Continued transfers from the Airport Operations Fund provide funding for Airport Capital Improvement Projects identified in the Airport Master Plan and Updated Airport Layout Plan.
15. Transfer of \$403,000 from the Capital Improvement Fund will be available to provide initial funding for the Facilities Internal Services Fund. Facility Charges against operating budgets will provide \$30,000 in FY11, \$80,000 in FY12, increasing by 3% per year to \$98,000 in FY 19 to provide minimum ongoing funding source for the Facilities Internal Service Fund.
16. Transfer of \$500,000 from the Capital Improvement Fund will be available to provide initial funding for the Technology Services Internal Services Fund. Information Technology charges against operating budgets will provide \$80,000 in FY12, increasing by 3% per year to \$98,000 in FY 19 to provide minimum ongoing funding source for the Technology Services Internal Service Fund.
17. The Program reflects expected cash flow in future program years and Council appropriations carried forward in the current year.

TABLE OF CONTENTS

	<i>Page No.</i>
<i>Letter from City Manager</i>	1
<i>Table of Contents</i>	10
<i>Capital Improvement Program Summary</i>	11
<i>Ten-Year Capital Project Changes and Modifications</i>	14
<i>Ten-Year Capital Project Expenditure Summary</i>	28
<i>Capital Projects by Category Charts</i>	29
<i>Glossary of Terms and Description of Funds</i>	37
<i>Livable Neighborhoods Expenditure Summary</i>	44
<i>Project Expenditures, Revenues, and Fund Balances</i>	
<i>Gas Tax Fund - Fund 210</i>	48
<i>Measure B (Local Transportation) - Fund 211</i>	64
<i>Measure B (Pedestrian & Bicycle) - Fund 212</i>	75
<i>Capital Improvement Fund - Fund 410</i>	81
<i>Street System Improvements Fund - Fund 413</i>	93
<i>Transportation System Improvement Fund - Fund 420</i>	113
<i>Route 238 Trust Fund - Fund 430</i>	122
<i>Redevelopment Agency - Fund 454</i>	125
<i>Sewer Capital Improvement Fund - Fund 613</i>	126
<i>Sewer Collection System Replacement Fund - Fund 614</i>	149
<i>Water Pollution Control Facility Replacement Fund - Fund 616</i>	167
<i>Water System Capital Improvement Fund - Fund 622</i>	197
<i>Water System Replacement Fund - Fund 623</i>	216
<i>Regional Water Intertie Capital – Fund 627</i>	238
<i>Airport Capital Improvement Fund - Fund 632</i>	239
<i>Facilities Internal Service - Fund 721</i>	266
<i>Technology Services Internal Service - Fund 726</i>	273
<i>Identified Capital Needs</i>	276
<i>Project Index</i>	288

*CAPITAL
IMPROVEMENT
PROGRAM
SUMMARY*

CAPITAL IMPROVEMENT PROGRAM SUMMARY

CIP OVERVIEW AND PROCESS:

The Capital Improvement Program (CIP) is a planning document for the upcoming ten-year period, and is a separate and distinct document from the City's operating budget. However, to better coordinate it with the two-year operating budget process, a comprehensive CIP process only occurs every other year. In the second year, no new projects are added to the program except in unusual circumstances, the first two years of the program are updated, and the review process is abbreviated. The CIP contains revenue and expenditure estimates for public infrastructure projects (street construction and improvements, sewer and water systems upgrades), seismic retrofitting of public facilities, airport projects, replacement of major equipment, and other miscellaneous projects. The CIP does not actually fund projects; a capital budget is adopted annually by the City Council to authorize spending on the projects represented in the CIP.

The City of Hayward's capital program is supported through a variety of funding sources. A large portion of the projects in the CIP are in restricted-use funds, such as the Gas Tax, Measure B, and enterprise (e.g., Sewer, Water, and Airport) funds. In years in which the General Fund is able to support capital projects, it provides a source of revenue for general capital needs. In addition, City staff has been successful in recent years in obtaining capital projects financing from outside funding sources such as state and federal grant programs.

During a comprehensive CIP process, revenue estimates are projected by staff, and capital project requests are submitted by City departments for evaluation by an internal capital infrastructure review committee. The recommended Ten-Year Capital Improvement Program is compiled and presented to the Planning Commission for conformance with the General Plan, to the City Council Budget and Finance Committee and then to the full Council at a work session. A public hearing at which the public is invited to comment on the proposals in the CIP is conducted at the same time as the operating budget public hearing. The capital spending plan for the upcoming year is adopted by the Council by resolution along with the operating budget. Capital projects are budgeted on a life-to-date basis, and modifications are made to the CIP when additional funds become available or expenditure projections are refined.

FY10 CAPITAL IMPROVEMENT BUDGET:

The City of Hayward's FY10 capital budget totals about \$58 million, with approximately \$339 million programmed for the period FY10 through FY19. The CIP also includes a list of additional identified capital needs, which for the current period totals about \$185 million.

The Capital Improvement Program contains 17 funds in which projects are funded and programmed: Gas Tax (210), Measure B - Local Transportation (211), Measure B - Pedestrian & Bicycle (212), Capital Improvement (410), Street System Improvement (413), Transportation System Improvement (420), Route 238 Trust (430), Redevelopment Agency (454), Sewer Capital Improvement (613), Sewer Collection Replacement (614), Water Pollution Control Facility Replacement (616), Water Capital Improvement (622), Water System Replacement (623), Regional Water Intertie Capital (627), Airport Capital (632), Facilities Internal Service (721) and Technology Services Internal Service (726).

Major project expenditures in the FY10 capital budget, not previously identified, include the following:

* Pavement Rehabilitation FY11 (210)	1,000,000
* Pavement Rehabilitation FY12 (210)	1,000,000
* Pavement Reconstruction FY11 (211)	800,000
* Pavement Rehabilitation FY11 (211)	700,000
* Sidewalk Rehabilitation Project FY11 - Districts 2 and 3 (413)	900,000
* Sidewalk Rehabilitation Project FY12 - Districts 6 and 9 (413)	900,000
* WPCF Administration Building Renovation and Addition (613)	1,000,000
* Solar Power Design and Construction (613)	8,000,000
* Recycled Water Treatment and Distribution Facilities (613)	9,900,000
* WPCF Master Plan Update and Improvement Projects (613)	2,500,000
* Storage Ponds Evaluation and Rehabilitation (613)	4,500,000
* New Final Clarifier (613)	7,900,000
* Sewer Collection System Master Plan Recommendations (614)	2,500,000
* WPCF Master Plan Recommended Replacement Projects (616)	2,500,000
* Water System Master Plan Improvement Projects (622)	2,500,000
* Groundwater Management Plan Modeling & Implementation (622)	3,000,000
* Underground 2MG Reservoir at Hesperian Site (622)	5,000,000
* Water System Master Plan Replacement Projects (623)	2,500,000
* Sulphur Creek Improvements – Design & Construction (632)	3,250,000
* Potential Runway Safety Area Improvements (632)	2,400,000
* Realignment of Taxiway Zulu (632)	3,200,000
* Renovation of Airfield Lighting and Markings (632)	2,200,000
* Relocate West End Access Road and RWY 10R Holding Area (632)	700,000

Major continuing project expenditures in the FY10 capital budget include the following:

* Sidewalk Rehabilitation FY10 – Districts 1 and 8 (413)	900,000
* Carlos Bee Realignment (413)	1,026,000
* 880/92 Reliever Route Project – Phase I (413)	1,325,000
* Mount Eden Annexation Improvements, Phase II (413)	6,900,000
* Pavement Reconstruction - Eden Landing Way, Lincoln, and San Luis Obispo (413)	1,160,000
* Route 238 Corridor Improvement Project: Design and R-O-W Acquisition (430)	13,000,000
* Dixon Area Sewer Improvement Project (614)	950,000
* Highland 1000 Reservoir Replacement (623)	3,544,000
* Main Replacements – Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand (623)	1,246,000

OPERATING BUDGET IMPACTS

In developing the CIP, the impact of new projects on the operating budget is considered, although formal analysis of potential direct and indirect costs is not performed. However, the informal method of addressing the need for this information is in the form of general notations, which are included on the project description pages of those projects known to have impacts on the operating budget. Many of the capital projects listed above will likely have minimal operations and maintenance impacts on the operating budget. In fact, the introduction of new infrastructure into the City's systems can be expected to result in long-term savings due to decreased maintenance requirements associated with older infrastructure.

***TEN-YEAR CAPITAL PROJECT
CHANGES AND MODIFICATIONS***

PROJECT CHANGES AND MODIFICATIONS

LIVABLE NEIGHBORHOODS PROJECTS

I. Added the following projects:

- A. *Wheelchair Ramps – Districts 2 & 3: \$100,000 – FY11 – This project will install wheelchair ramps within the area bordered by Second and Jackson to the north and West Tennyson to the south. (210-TBD)*
- B. *New Sidewalks FY14 – FY19: \$2,300,000 – FY14-FY19 -- Added a total of \$2,300,000 in funding from FY14-FY19 to install new sidewalks along portions of streets to be determined through a comprehensive evaluation process. (212-TBD)*
- C. *Sidewalk Repair – B Street from Grand to Martin Luther King Drive: \$400,000 – FY10 -- Project will rehabilitate sidewalks, curbs, and gutters along B Street from Grand to Martin Luther King Drive. (413-NEW)*
- D. *Sidewalk Rehabilitation FY11 – Districts 2 & 3: \$900,000 – FY11 -- Project will rehabilitate sidewalks, curbs, and gutters within the area bordered by Second and Jackson to the north and West Tennyson to the south. (413-TBD)*
- E. *Sidewalk Rehabilitation FY12 – Districts 6 & 9: \$900,000 – FY12 -- Project will rehabilitate sidewalks, curbs, and gutters along Tennyson Road as well as in the Winton Grove and Thelma neighborhoods. (413-TBD)*

II. Miscellaneous Changes:

- A. *New and Replacement Streetlights: Added funding of \$30,000 each year from FY14 through FY19 to permit the project to continue. (210-5132)*
- B. *Wheelchair Ramps FY10: Decreased funding by \$24,000 to match amount of expected TDA reimbursement. (210-TBD)*
- C. *Wheelchair Ramps FY11: Decreased funding by \$20,000 to match amount of expected TDA reimbursement. (210-TBD)*
- D. *Wheelchair Ramps FY12 – FY19: Added funding of \$120,000 each year from FY14-FY19 to permit the project to continue. (210-TBD)*
- E. *Pedestrian Traffic Signal Improvements: Added funding of \$15,000 per year from FY14-FY19 in order to permit the project to continue. (212-5175)*

LIVABLE NEIGHBORHOODS PROJECTS (continued):

- F. *New Sidewalks: D Street, Cypress Street and Western Boulevard: Project decreased by \$13,000 due to more current design and construction estimates. (212-TBD)*
- G. *New Sidewalks: Bellina Street: Project decreased by \$93,000 due to more current design and construction estimates. (212-TBD)*
- H. *New Sidewalks: Franklin Avenue, Harder Road, Phillips Way, and Huntwood/Sandoval: Project decreased by \$69,000 due to more current design and construction estimates. (212-TBD)*
- I. *Neighborhood Improvement Project: Reduced funding from \$100,000 to \$50,000 per year from FY10-FY13; added funding of \$50,000 per year from FY14-FY19 to continue project. (410-6950)*
- J. *Sidewalk Rehabilitation FY13 – FY19: Added funding of \$900,000 each year from FY14-FY19 to continue this program. (413-TBD)*
- K. *Speed Hump Installation Program: Added funding of \$50,000 each year from FY14-FY19 to permit continuation of the program. (420-5734)*

ROAD AND STREET PROJECTS

I. Added the following projects:

- A. *Pavement Rehabilitation – Districts 17, 18, & 21-23: \$1,000,000 – FY10 & F11 – Project will improve pavement within districts 17, 18, and 21-23. (210-TBD)*
- B. *Pavement Rehabilitation: \$1,000,000 – FY11 & F12 – Project will improve pavement within districts which will be determined later. (210-TBD)*
- C. *Pavement Reconstruction FY11 – Lilac, Havana, Grove, Portsmouth, Rockford, and Sorenson: \$800,000 – FY10 & FY11 – Project will repair severely deteriorated streets along portions of Lilac, Havana, Grove, Portsmouth, Rockford, and Sorenson. (211-TBD)*
- D. *Pavement Rehabilitation FY11 – Kelly, Klamath, Lilac, Orchard, Rockford, Skokie, Silva, Stonewall, and Thelma: \$700,000 – FY10 & F11 – Project will improve pavement along Kelly, Klamath, Lilac, Orchard, Rockford, Skokie, Silva, Stonewall, and Thelma. (211-TBD)*

ROAD AND STREET PROJECTS (continued):

- E. *Pavement Rehabilitation – Slurry Seal – Districts 17 & 21: \$500,000 – FY09 & FY10 -- Project will improve the condition of pavement in Districts 17 and 21. (413-NEW)*
- F. *Pavement Reconstruction – Bahama Avenue from Sleepy Hollow to West Tennyson: \$500,000 – FY10 and FY11 -- Project will repair Bahama Avenue from Sleepy Hollow to West Tennyson. (413-TBD)*
- G. *Project Predesign Services: \$50,000 per year starting in FY10 – Costs pertaining to this project are associated with the predesign of road and street projects, including preliminary survey, design and cost estimates. (413-NEW)*
- H. *Pavement Rehabilitation – Slurry Seal – Locations TBD: \$3,000,000 – FY14 – FY 19 -- Project will improve the condition of pavement in certain areas of the City each year. (413-NEW)*
- I. *Citywide Intersection Improvement Study: \$360,000 – FY10 – The City will engage the services of a consultant to review and create a prioritized list of intersections throughout the City that are in need of improvements due to safety or congestion concerns. (420-NEW)*

II. Miscellaneous Changes:

- A. *Pavement Rehabilitation FY13 – FY19: Decreased funding by \$500,000 for FY13 and \$400,000 per year from FY14-FY19 to match project scope with available Gas Tax funds. (210-TBD)*
- B. *Pavement Rehabilitation Measure B FY10: Decreased funding by \$100,000 due to revised scope of project. (211-5171)*
- C. *Speed Monitoring Devices: Added funding of \$60,000 in order to install several more solar-powered speed monitoring devices at high-priority locations along thoroughfares throughout the City during FY10 and FY11. (211-5166)*
- D. *Pavement Reconstruction FY12 – FY19: Added \$800,000 each fiscal year from FY14-FY19 to continue the program. (211-TBD)*
- E. *Pavement Rehabilitation Measure B FY12 – FY19: Added funding of \$900,000 each year from FY14 through FY16, with an increase to \$1,200,000 per year from FY17 through FY19, to continue the program. (211-TBD)*
- F. *Carlos Bee Realignment: Added funding of \$295,000 due to revised construction estimates. (413-5105)*

ROAD AND STREET PROJECTS (continued):

- G. *Pavement Reconstruction FY12 – FY19: Increased funding to \$600,000 for FY12 & FY13; added funding of \$600,000 each year from FY14-FY19 to continue the program. (413-TBD)*
- H. *Transportation System Management Projects: Added \$50,000 each year from FY14 through FY19 to continue this program. (420-5877)*
- I. *Intersection Improvement Project: Added a total of \$550,000 from FY13 through FY19 to continue the City's efforts to address congestion and flow of traffic onto other arterials at intersections throughout Hayward. (420-NEW)*

BUILDING PROJECTS

II. Miscellaneous Changes:

- A. *Underground Storage Tank Upgrades – Police Department and Fire Stations 1 & 5: Increased funding by \$45,000 in order to upgrade tanks at Fire Station No. 5 and the Police Department. (721-7211)*
- B. *HVAC Replacement/Various Units: Increased funding for project by \$30,000 in order to purchase a landscape package HVAC unit in FY 2014. (721- 7201)*
- C. *Roof Repair/Replacement – City Buildings: Increased funding for project by \$190,000 in order to accommodate roof repair at the following locations: Equipment Management, Main Library, Fire Station 3, Fire Station 4, and Barnes Court. (721- 7203)*
- D. *Miscellaneous Flooring Replacement: Increased funding for project by \$320,000 in order to accommodate future flooring/carpet replacements at Fire Station 3, Landscape and Facilities, Fire Station 1, City Hall, and the Police Department. (721- 7202)*
- E. *Emergency Generator Replacements – Fire Station Nos. 2-6 and Overhaul of Police Department Generator: Increased funding by \$45,000 in order to overhaul the Police Department generator during FY19. (721- 7209)*

LANDSCAPING AND PARKS PROJECTS

I. Added the following projects:

- A. City-owned Turf Area Assessment and Pilot Turf Replacement Program: \$35,000 – FY10 – The study will identify all City-owned turf areas; assess its function and use; make turf replacement recommendations; and set priorities for implementation. (623-TBD)*
- B. Demonstration Garden at City Hall: \$138,000 – FY10 – This project would support an innovative, water-efficient demonstration garden next to a well-traveled walkway that connects City Hall to a regional public transportation station (BART). (623-TBD)*

II. Miscellaneous Changes:

- A. Landscape Material/Street Tree Replacements: Added funding of \$55,000 each year from FY14 through FY19 in order to continue program. (410-5102)*
- B. Annual Median Tree & Shrub Replacement: Added funding of \$50,000 per year from FY14-FY19 to continue ongoing effort to maintain and improve the City's urban forest. (410-6938)*
- C. Median Landscaping Improvement Project: Increased funding by \$100,000 per year from FY10-FY13; added funding of \$360,000 per year from FY14 through FY19 to continue project. (413-5193)*
- D. Water Pollution Control Facility Shrub Planting: Added \$20,000 to project in order to reflect current costs for needed scope of work. (613-7545)*

EQUIPMENT

I. Added the following projects:

- A. Sanitary Sewer Overflow (SSO) Response Trailer: \$10,000 – FY10 – This project will provide for a trailer that would be stocked with supplies typically used during a sanitary sewer overflow (SSO), such as barricades, sandbags, pumps, lights, absorbent materials and signage. (614-NEW)*
- B. SCADA System Evaluation and Upgrade: \$300,000 – FY18 – This project will fund an evaluation of the SCADA system and implementation of recommended upgrades to the software and hardware. (614-NEW)*

EQUIPMENT (continued):

- C. *Wonderware Historian Software: \$25,000 – FY10 – Historian, which is one of the programs offered by the software supplier Wonderware, allows the user to generate reports and analyze wastewater data for the WPCF as well as allow for specified data to be extracted and put into reports either directly or into Excel worksheets. (616-NEW)*
- D. *SCADA Computer Node and Server Upgrade: \$60,000 – FY13 – The SCADA system, which is the primary operations staff tool for monitoring and controlling the treatment plant processes, was installed as part of the 2008 Plant Improvement Project and will need to be upgraded within 5 years. (616-NEW)*
- E. *SCADA System Evaluation and Upgrade: \$500,000 – FY18 – This project will fund an evaluation of the sewer portion of the SCADA system and implementation of recommended upgrades to the software and hardware. (616-NEW)*
- F. *SCADA System Evaluation and Upgrade: \$500,000 – FY18 – This project will fund an evaluation of the water portion of the SCADA system and implementation of recommended upgrades to the software and hardware. (623-NEW)*
- G. *Network Server and Public Safety Mobile Replacement Project: \$640,000 – FY12 through FY19 – This project allocates \$80,000 per year to partially fund systematic replacement of both network servers and public safety's mobile computer units. (726-NEW)*

II. *Miscellaneous Changes:*

- A. *StreetView System Upgrade: Added funding of \$60,000 each in FY11, FY13, FY15, FY17, and FY19 to continue upgrades to this system every other fiscal year. (210-5133)*

SEWER SYSTEM PROJECTS

I. *Added the following projects:*

- A. *Study of Impacts of Whitesell Extension on WPCF: \$20,000 – FY10 – This project will study the impacts of the Whitesell Extension on the ability of staff to access various portions of the treatment plant after the street is constructed. (613-NEW)*
- B. *Wind Power Feasibility Study: \$100,000 – FY10 – A feasibility study would look at the economics, environmental impacts, and available technology to determine if wind turbine power generation should be developed at the WPCF. (613-NEW)*

SEWER SYSTEM PROJECTS (continued):

- C. *WPCF Master Plan Update: \$300,000 – FY10 – The WPCF liquid and solids processes will be re-evaluated for efficiency and effective treatment capability. (613-NEW)*
- D. *West Winton Landfill Drainage Culvert Repair and Cap Placement Project: \$350,000 – FY10 – This project will provide for consultant services to design and construct drainage culvert leveling and replacement on main landfill area. The project will also provide for design and construction of a protective cap in specified areas as required by the West Winton Landfill Waste Discharge Requirements. (613-NEW)*
- E. *Solar Power Design and Construction: \$8,000,000 – FY10 – This project would implement recommendations from the Solar Panel Feasibility Study to construct solar panels at the Water Pollution Control Facility. (613-NEW)*
- F. *WPCF Administration Building Renovation and Addition: \$1,000,000 – FY11 – The project will renovate and improve the administrative offices at the Water Pollution Control Facility. (613-NEW)*
- G. *Recycled Water Treatment and Distribution Facilities: \$9,900,000 – FY11 & FY12 – This project represents the City's cost share of a 4.5 million gallon per day (mgd) tertiary treatment facility, along with the full cost of a distribution system to deliver recycled water to customers within the proposed service area. (613-NEW)*
- H. *WPCF Master Plan Update Improvement Projects: \$2,500,000 – FY11 through FY15 – The Master Plan Update will identify liquid and solids handling process improvements. Any improvements will be phased-in over a five-year time period. (613-NEW)*
- I. *Storage Ponds Evaluation and Rehabilitation: \$4,500,000 – FY13 & FY14 – This project would evaluate potential uses for the existing oxidation ponds and implement recommendations. (613-NEW)*
- J. *New Final Clarifier: \$7,900,000 – FY18 – This project would design and construct a third, final clarifier at a location to be determined within the WPCF. (613-NEW)*
- K. *Submersible Pump Replacement at Durham, Linden and Halifax Sewage Pump Stations: \$52,000 – FY10 – The pumps located at Durham, Linden and Halifax are all in excess of 25 years old and need to be replaced. At the Halifax site, new Flygt pumps (City standard) and removal system will replace the existing PACO pumps. (614-NEW)*

SEWER SYSTEM PROJECTS (continued):

- L. *Sewer Collection System Master Plan: \$400,000 – FY14 – The last complete Sewer Collection System Master Plan was prepared in 2002. A number of the recommendations have been implemented or are included in the Capital Improvement Program and scheduled to be completed by 2014. (614-NEW)*
- M. *Sewer Collection System Master Plan Recommendations: \$2,500,000 – FY15 through FY19 – It is anticipated that the Sewer Collection System Master Plan, scheduled to be completed in 2014, will identify needed improvement projects in order to ensure the reliability of the City's collection system. (614-NEW)*
- N. *Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation: \$400,000 – FY17 – This project will replace a total of 4 submersible pumps (two are 35 horsepower and two are 135 horsepower). In addition, there will be an evaluation of the condition of the wet wall "T-lock" system and repair/replace the system as needed. (614-NEW)*
- O. *Headworks Interior (Wetside and Dryside) Painting: \$150,000 – FY10 – The interior walls of the headworks need to be coated in order to prevent the deleterious effects of hydrogen sulfide and persistent moisture on the concrete wall surface. (616-NEW)*
- P. *Digester #2 Cleaning: \$150,000 – FY12 – The digester will be cleared in order to remove rags, plastic, and snail shells; an inspection will also be performed to evaluate the internal and external coatings. (616-NEW)*
- Q. *Headworks Hydraulic Valve Actuator and Shaft Replacement: \$150,000 – FY12 – The existing valve actuators and gate shafts need to be replaced by the manufacturer using recommended parts. (616-NEW)*
- R. *Plant Exterior Buildings Painting: \$200,000 – FY12 – The plant buildings and exterior equipment need to be painted with applicable coatings to prevent corrosion from occurring. (616-NEW)*
- S. *WPCF Master Plan Recommended Replacement Projects: \$2,500,000 – FY12 through FY16 – The Master Plan will identify liquid and solids handling process improvements. Any improvements will be phased-in over a five-year time period. (616-NEW)*
- T. *Solids Contact Tank Grounds Improvement: \$70,000 – FY13 – This project would contour the area around the Solids Contact Tank, install a weed barrier (geotech fabric), and place landscape rock to make the appearance consistent with other plant process areas. (616-NEW)*
- U. *Digester #1 Cleaning: \$150,000 – FY14 – The digester will be cleared in order to remove rags, plastic, and snail shells; an inspection will also be performed to evaluate the internal and external coatings. (616-NEW)*

SEWER SYSTEM PROJECTS (continued):

- V. *Digester #3 Cleaning and Dome Rehabilitation: \$400,000 – FY16 – The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application. (616-NEW)*
- W. *WPCF Access Roads Rehabilitation: \$500,000 – FY17 – The plant access roads sustain heavy equipment and frequent road traffic and will experience further deterioration due to planned plant projects. (616-NEW)*
- X. *Digester #2 Cleaning and Dome Rehabilitation: \$500,000 – FY18 – The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application. (616-NEW)*
- Y. *Gravity Belt Thickener Rebuilding: \$500,000 – FY18 – The two gravity belt thickeners, which are electric and hydraulically operating mechanical equipment, will be rebuilt to factory tolerances. (616-NEW)*
- Z. *Digester #1 Cleaning and Dome Rehabilitation: \$500,000 – FY19 – The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application. (616-NEW)*

II. Miscellaneous Changes:

- A. *“A” Street and Yolo Street Easement Sewer Improvement: Added \$314,000 to project to reflect current construction costs. (613-7519)*
- B. *Levee Road and Effluent Channel Repair: Increased project cost by \$200,000. (616-7654)*
- C. *EBDA Outfall Replacement Payment: Increased payment amount by \$28,000 in FY11-FY13 and added \$100,000 each year from FY14 through FY19 to continue to pay Hayward’s share of the outfall replacement fund. (616-7516)*
- D. *Miscellaneous Plant Replacements: Added \$300,000 each year from FY14 through FY19 to continue this program. (616-7529)*
- E. *West Trickling Filter Replacement: Funding increased by \$2,620,000 to reflect estimated project costs. (616-7639)*

WATER SYSTEM PROJECTS

I. *Added the following projects:*

- A. *High School Reservoir Roof Replacement: \$500,000 – FY10 – This project will replace the wooden roof at this reservoir and replace it with an aluminum roof. (622-NEW)*
- B. *Water System Master Plan Update: \$850,000 – FY12 – The last complete Water System Master Plan was prepared in 1995 and updated in 2002. A number of the recommendations have been implemented or are included in the Capital Improvement Program and scheduled to be completed by 2012. (622 and 623-NEW)*
- C. *Water System Master Plan Improvement Projects: \$2,500,000 – FY13 through FY17 – It is anticipated that the Water System Master Plan, scheduled to be completed in 2012, will identify needed improvement projects in order to ensure the reliability of the City's water distribution system. (622-NEW)*
- D. *Groundwater Management Plan Modeling & Implementation: \$3,000,000 – FY15 – This project is a continuation of the City's efforts to study groundwater conditions in the Hayward area in order to evaluate the availability of water to pump for various uses, such as irrigation and industrial uses, and the impact that such pumping will have on the aquifer and the environment. (622-NEW)*
- E. *Underground 2 MG Reservoir at Hesperian Site: \$5,000,000 – FY18 – This project would provide storage west of Mission Boulevard, utilizing the five-acre site purchased by the Water Utility in 2009. The reservoir would be sited below ground in order to use the property for equipment storage and other purposes. (622-NEW)*
- F. *Highland 250 Pump Station Upgrade: \$400,000 – FY11 – This project will upgrade the existing Highland 250 Pump Station by replacing the existing pumps and associated equipment. (623-NEW)*
- G. *Water System Master Plan Replacement Projects: \$2,500,000 – FY13 through FY17 – It is anticipated that the Water System Master Plan, scheduled to be completed in 2012, will identify needed improvement projects in order to ensure the reliability of the City's water distribution system. (623-NEW)*

II. *Miscellaneous Changes:*

- A. *New 3 MG Reservoir at High School Reservoir Site: Project decreased by \$2,660,000 to reflect current scope of project. (622-7172)*

WATER SYSTEM PROJECTS (continued):

- B. *Miscellaneous Hydrant Replacement Program: Added funding of \$50,000 each year from FY14 through FY19 to continue this program. (623-7003)*
- C. *Annual System Replacement Program: Added funding of \$100,000 during FY14 to continue this program; amount increased to \$150,000 per year from FY15 through FY19 to cover increased costs of material and labor. (623-7006)*
- D. *High Efficiency Fixture Replacement Program: Added \$900,000 to this project, which will allow the program to become an annual program at a cost of \$100,000 per year. (623-7013)*
- E. *Annual Line Replacements FY12 – FY19: Added \$1,500,000 each year from FY12 through FY14 to continue program; annual amount increases to \$2,000,000 from FY15 through FY19. (623-TBD)*

AIRPORT PROJECTS

- A. *Line Lazer Striping and Crack Sealer Equipment: \$30,000 – FY10 – In order to maintain deteriorating and cracking asphalt and fading striping, a crack sealer and a line lazer machine are required. (632-NEW)*
- B. *Airport Operations and Command Vehicle: \$42,000 – FY10 and \$42,000 – FY16 – An SUV-type passenger vehicle will be purchased in FY10 for Airport grounds operations, with a replacement vehicle scheduled for purchase in FY16. (632-NEW)*
- C. *Sulphur Creek Mitigation – Environmental Planning: \$180,000 – FY10 – This expenditure will allow for the environmental planning portion of the project to enclose portions of Sulphur Creek. (632-TBD)*
- D. *Sulphur Creek Mitigation – Design & Construction: \$3,250,000 – FY11 – This expenditure will allow for the design, engineering, and construction of the project to enclose portions of Sulphur Creek adjacent to RWY 10L. (632-TBD)*
- E. *Potential Runway Safety Area Improvements: \$2,400,000 – FY12 – This project will allow for necessary safety area modifications to include possible golf course near the end of the 10R-28L runways to meet FAA requirements. (632-TBD)*
- F. *Realignment of Taxiway Zulu: \$3,200,000 – FY13 – Project will realign Taxiway Zulu. (632-TBD)*
- G. *Renovation of Airfield Lighting and Markings: \$2,200,000 – FY14 – Replacement of airfield lighting and construction of a new electrical vault will provide for the installation of an LED TWY lighting system. (632-TBD)*

AIRPORT PROJECTS *(continued)*:

- H. *Install RENLS and PAPIS: \$350,000 – FY15 – Installation of Runway End Lights (RENLS) on runway 10L/28R and Precision Approach Path Indicators (PAPIS) on runway 10R/28L. (632-TBD)*
 - I. *Relocate West Access Road and RWY 10R Holding Area: \$700,000 – FY15 – Project to move the west perimeter access road and holding area out of the RWY 10R safety area. (632-TBD)*
 - J. *Install Runway End Identifier Lights 10L/28R: \$350,000 – FY16 – Project to install runway end identifier lights at the ends of Runway 10L/28R. (632-TBD)*
 - K. *Rehabilitation of TWY Charlie between RWY 10L/28R and 10R/28L & TWY Alpha and 10L/28R & Rehabilitation of TWY Delta: \$895,000 – FY18 – Project will dig out and repave approximately 22,000 square feet of TWY Charlie due to deterioration and wear. (632-TBD)*
 - L. *Install Safe Drain System for Existing Storm Drains: \$150,000 – FY12 – The “Safe Drain” storm protection system will serve as additional protection for the Airport’s existing storm water separator stations and storm drains from hazardous materials entering into the City’s drainage system. (632-NEW)*
 - M. *Overlay of Tiedown Ramp and Associated Taxiway: \$375,000 – FY15 – Project includes the overlay of existing ramp pavement due to normal deterioration and wear. (632-NEW)*
 - N. *Hangar Repainting: \$460,000 – FY16 – Hangars are due to be painted as the last coat was applied in 2002. (632-NEW)*
 - O. *Replacement Crash Rescue Vehicle: \$150,000 – FY17 – An Airport crash rescue vehicle allows firefighters at Fire Station #6 to promptly and safely respond to emergencies involving the larger jet aircraft that are frequenting the Airport on a regular basis. (632-NEW)*
 - P. *East T-Hangar Foam Re-Roofing: \$1,000,000 – FY19 – Project will replace the existing roofs with a polyurethane foam roof system. (632-NEW)*
- II. *Miscellaneous Changes:*
- A. *Miscellaneous Pavement/Building/Grounds Repairs: Added funding of \$150,000 each year from FY14 through FY19 to continue this project. (632-6891)*

AIRPORT PROJECTS (continued):

- B. *Noise Monitoring Equipment Upgrade: Added funding of \$50,000 each year from FY14-FY19 to continue this project. (632-6898)*
- C. *Vehicle Access for Corsair Hangars: Project increased by \$36,000 due to more current design and construction estimates. (632-6836)*
- D. *New Administration Building: Project increased by \$38,000 due to more current design and construction estimates. (632-TBD)*

***TEN-YEAR CAPITAL PROJECT
EXPENDITURE SUMMARY
AND
CAPITAL PROJECT LIST
BY CATEGORY
FY 2010 THROUGH FY 2019***

TEN-YEAR CAPITAL IMPROVEMENT PROGRAM

CAPITAL PROJECT EXPENDITURE SUMMARY

PROJECT DESCRIPTION	PROJECT TOTAL	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
Livable Neighborhoods	21,262	3,217	2,005	1,730	2,230	1,730	2,030	2,030	2,030	2,130	2,130
Road & Street Projects	147,769	27,411	46,109	25,749	13,962	12,279	4,207	4,359	4,512	4,664	4,517
Building & Miscellaneous Projects	2,653	1,257	343	143	100	190	50	175	50	250	95
Landscaping & Parks	253	243	10	0	0	0	0	0	0	0	0
Equipment Acquisition	2,895	365	190	180	200	80	140	80	140	1,380	140
Sewer System Projects	84,664	16,113	17,181	16,630	5,130	7,110	3,060	2,960	2,960	10,960	2,560
Water System Projects	58,052	8,380	9,932	2,755	2,905	2,805	6,355	3,355	11,855	7,355	2,355
Airport Projects	20,990	1,028	3,510	3,110	5,260	2,460	1,685	1,112	410	1,155	1,260
TOTAL CAPITAL EXPENDITURES	338,538	58,014	79,280	50,297	29,787	26,654	17,527	14,071	21,957	27,894	13,057

NOTE: Expenditure amounts do not include reimbursements or transfers between funds, or vehicle replacements and operating/maintenance expenses. All expenditures expressed in \$1,000's. Additionally, these totals do not reflect payment of debt service.

See Capital Projects by Category charts for more detail.

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

FUND:	PROJ. NO.	DESCRIPTION	PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
(In thousands)														
LIVABLE NEIGHBORHOODS														
Gas Tax Fund (210)	5122	Wheelchair Ramps - FY09 - Districts 7 & 10	20	100										120
Gas Tax Fund (210)	5132	New and Replacement Street Lights	10	30	30	30	30	30	30	30	30	30	30	310
Gas Tax Fund (210)	TBD	Wheelchair Ramps - FY10 - Districts 1 & 8	0	96										96
Gas Tax Fund (210)	TBD	Wheelchair Ramps - FY11 - Districts 2 & 3	0	0	100									100
Gas Tax Fund (210)	5128	New Street Tree Inventory Software and Data Update	50	170										220
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY12 - FY19	0	0	0	120	120	120	120	120	120	120	120	960
Measure B Tax (212)	5175	Pedestrian Traffic Signal Improvements	146	10	10	15	15	15	15	15	15	15	15	286
Measure B Tax (212)	TBD	New Sidewalks: D Street, Cypress Street, and Western Blvd.	0	600										600
Measure B Tax (212)	TBD	New Sidewalks: Bellina Street	0	0	400									400
Measure B Tax (212)	TBD	New Sidewalks: Franklin, Harder, Phillips, and Huntwood/Sandoval	0	0	0	100	600							700
Measure B Tax (212)	TBD	New Sidewalks FY14-FY19	0	0	0	0	0	100	400	400	400	500	500	2,300
Capital Improvement (410)	6951	City Gateways	40	166										206
Capital Improvement (410)	6978	Foothill Gateway Landscape Plan	0	50										50
Capital Improvement (410)	5102	Landscape Material/Street Tree Replacements	52	55	55	55	55	55	55	55	55	55	55	602
Capital Improvement (410)	6938	Annual Median Tree & Shrub Replacement	55	50	50	50	50	50	50	50	50	50	50	555
Capital Improvement (410)	6950	Neighborhood Improvement Project	100	50	50	50	50	50	50	50	50	50	50	600
Street Sys Imp (413)	5193	Median Landscaping Improvement Project	30	490	360	360	360	360	360	360	360	360	360	3,760
Street System Imp (413)	NEW	Sidewalk Repair - B Street from Grand to Martin Luther King Drive	0	400										400
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY10 - Districts 1 & 8	0	900										900
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY11 - Districts 2 & 3	0	0	900									900
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY12 - Districts 6 & 9	0	0	0	900								900
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY13 - FY19	0	0	0	0	900	900	900	900	900	900	900	6,300
Transp Sys Imp (420)	5734	Speed Hump Installation Program	65	50	50	50	50	50	50	50	50	50	50	565
TOTAL LIVABLE NEIGHBORHOODS PROJECTS			568	3,217	2,005	1,730	2,230	1,730	2,030	2,030	2,030	2,130	2,130	21,830

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

FUND:	PROJ. NO.	DESCRIPTION	PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
(In thousands)														
ROAD AND STREET PROJECTS														
Gas Tax Fund (210)	5106	Project Predesign	30	30	30	30	30	30	30	30	30	30	30	330
Gas Tax Fund (210)	5110	Pavement Management Program	40	10	50	10	50	15	65	15	65	15	65	400
Gas Tax Fund (210)	5116	Congestion Management Program	56	63	69	73	77	79	82	84	87	89	92	851
Gas Tax Fund (210)	5140	Miscellaneous Curb and Gutter Repair	30	30	30	30	30	30	30	30	30	30	30	330
Gas Tax Fund (210)	TBD	Pavement Rehab - Gas Tax FY11 - Dist. 17, 18, & 21-23	0	25	975									1,000
Gas Tax Fund (210)	TBD	Pavement Rehabilitation - Gas Tax FY12	0	0	25	975								1,000
Gas Tax Fund (210)	TBD	Pavement Rehabilitation - Gas Tax FY13 - FY19	0	0	0	25	775	900	900	900	900	900	900	6,200
Measure B Tax (211)	5171	Pavement Rehabilitation, Measure B - FY10	50	2,050										2,100
Measure B Tax (211)	TBD	Pavement Reconstruction FY11 - Lilac, Havana, Grove Portsmouth, Rockford, and Sorenson	0	50	750									800
Measure B Tax (211)	TBD	Pavement Rehab, Measure B - FY11 - Kelly, Klamath, Lilac, Orchard, Rockford, Skokie, Silva, Stonewall, and Thelma	0	100	600									700
Measure B Tax (211)	TBD	Pavement Reconstruction FY12 - FY19	0	0	50	800	800	800	800	800	800	800	800	6,450
Measure B Tax (211)	TBD	Pavement Rehabilitation, Measure B FY12 - FY19	0	0	100	900	900	900	900	900	1,200	1,200	1,200	8,200
Street Sys Imp (413)	5101	Pavement Rehab - Portions of Industrial from 880 to 92	60	840										900
Street Sys Imp (413)	5105	Carlos Bee Realignment	74	1,026										1,100
Street Sys Imp (413)	5143	Mount Eden Annexation Improvements, Phase II A Street from Hwy 880 to Hathaway Avenue	500	6,900										7,400
Street Sys Imp (413)	5144	Pavement Reconstruction - Eden Landing Way, Lincoln Ave. & San Luis Obispo St.	100	1,160										1,260
Street Sys Imp (413)	5197	880/92 Reliever Route Project - Phase I	0	1,325	2,200	2,600	10,100	7,975						24,200
Street Sys Imp (413)	NEW	Pavement Rehabilitation - Slurry Seal Project - Dist. 17 & 21	50	450										500
Street Sys Imp (413)	TBD	Pavement Reconstruction FY11-Bahama from Sleep Hollow to West Tennyson	0	40	460									500
Street Sys Imp (413)	TBD	Pavement Rehab - W. Winton (Southland to Santa Clara) & Harder Road (from Mission to Westview)	0	62	940									1,002
Street Sys Imp (413)	NEW	Project Predesign Services	0	50	50	50	50	50	50	50	50	50	50	500
Street Sys Imp (413)	TBD	Pavement Reconstruction FY12-FY19	0	0	40	560	600	600	600	600	600	600	600	4,800
Street Sys Imp (413)	NEW	Pavement Rehabilitation - Slurry Seal - Locations TBD	0	0	0	0	0	500	500	500	500	500	500	3,000
Transp Sys Imp (420)	5709	Traffic Control Devices Repair/Replacement	40	40	40	40	40	40	40	40	40	40	40	440
Transp Sys Imp (420)	5856	Controller Cabinet Replacement Program	30	30	30	30	30	30	30	30	30	30	30	330
Transp Sys Imp (420)	5877	Transportation System Management Projects	50	50	50	50	50	50	50	50	50	50	50	550
Transp Sys Imp (420)	5893	Quick Response Traffic Safety Projects	20	20	20	20	20	20	20	20	20	20	20	220
Transp Sys Imp (420)	NEW	Citywide Intersection Improvement Study	0	0	360									360
Transp Sys Imp (420)	NEW	Baumberg/Industrial Intersection Improvements	0	0	0	50	300							350
Transp Sys Imp (420)	NEW	Intersection Improvement Project - TBD	0	0	0	0	50	200	50	250	50	250	50	900
Route 238 Trust (430)	5117	Rte 238 Corridor Improvement Proj - Design & Construction	45,778	13,000	39,180	19,446								117,404
Route 238 Trust (430)	5114	Administration and Predesign	60	60	60	60	60	60	60	60	60	60	60	660
TOTAL ROAD AND STREET PROJECTS			46,968	27,411	46,109	25,749	13,962	12,279	4,207	4,359	4,512	4,664	4,517	194,737

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

			PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
BUILDING & MISCELLANEOUS PROJECTS														
Cap Improvement (410)	6992	New Library - Programming/Design	111	889										1,000
Cap Improvement (410)	6968	Sealing Centennial Hall Parking Deck	23	0	138									161
Cap Improvement (410)	5160	Surplus Property Maintenance	10	10	10	10	10	10	10	10	10	10	10	110
Cap Improvement (410)	6121	Property Taxes on Excess Right-of-Way	5	5	5	5	5	5	5	5	5	5	5	55
Cap Improvement (410)	6907	Project Predesign Services	35	35	35	35	35	35	35	35	35	35	35	385
Facilities Internal Svc (721)	7211	Underground Storage Tank Upgrades - Police Department and Fire Stations 1 and 5	20	45										65
Facilities Internal Svc (721)	7210	Fire Station Drapery Replacement	0	28	0	28								56
Facilities Internal Svc (721)	7201	HVAC Replacement/Various Units	60	70	35	0	35	30						230
Facilities Internal Svc (721)	7203	Roof Repair/Replacement - City Buildings	90	105	70	65	0	0	0	100				430
Facilities Internal Svc (721)	7202	Miscellaneous Flooring Replacement	15	15	15	0	15	110	0	25	0	200		395
Facilities Internal Svc (721)	7209	Emergency Generator Replacements - Fire Station Nos. 2-6 and Police Department Overhaul	45	55	35	0	0	0	0	0	0	0	45	180
TOTAL BUILDING & MISCELLANEOUS PROJECTS			414	1,257	343	143	100	190	50	175	50	250	95	3,067
LANDSCAPE PROJECTS														
Sewer Cap Imp (613)	7545	Water Pollution Control Facility Shrub Planting	31	20	10									61
Water Sys Repl (623)	7047	Landscape Audits and Water Efficient Landscape Rebates	50	50										100
Water Sys Repl (623)	NEW	City-owned Turf Area Assessment & Pilot Turf Repl Program	0	35										35
Water Sys Repl (623)	NEW	Demonstration Garden at City Hall	0	138										138
TOTAL LANDSCAPE PROJECTS			81	243	10									334
EQUIPMENT ACQUISITION														
Gas Tax Fund (210)	5133	StreetView System Upgrade	120	0	60	0	60	0	60	0	60	0	60	420
Measure B Tax (211)	5166	Speed Monitoring Devices	60	30	30									120
Sewer Coll Sys Rep (614)	NEW	Sanitary Sewer Overflow Response Trailer	0	10										10
Sewer Coll Sys Rep (614)	NEW	SCADA System Evaluation and Upgrade	0	0	0	0	0	0	0	0	0	300		300
Water Poll Ctrl Repl (616)	NEW	Wonderware Historian Software	0	25										25
Water Poll Ctrl Repl (616)	NEW	SCADA Computer Node and Server Upgrade	0	0	0	0	60							60
Water Poll Ctrl Repl (616)	NEW	SCADA System Evaluation and Upgrade	0	0	0	0	0	0	0	0	0	500		500
Water Sys Repl (623)	NEW	SCADA System Evaluation and Upgrade	0	0	0	0	0	0	0	0	0	500		500
Tech Svcs Internal Svc (726)	7253	Desktop Computer Replacement Program	250	300	100	100								750
Tech Svcs Internal Svc (726)	NEW	Network Server and Public Safety Mobile Repl Project	0	0	0	80	80	80	80	80	80	80	80	640
TOTAL EQUIPMENT ACQUISITION PROJECTS			430	365	190	180	200	80	140	80	140	1,380	140	3,325

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

FUND:	PROJ. NO.	DESCRIPTION	PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.											
(In thousands)														
SEWER SYSTEM PROJECTS														
Sewer Cap Imp (613)	7519	"A" Street and Yolo Street Easement Sewer Improvement	620	580										1,200
Sewer Cap Imp (613)	7523	Project Predesign Services	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Cap Imp (613)	7520	Sludge Handling Master Plan	0	50										50
Sewer Cap Imp (613)	7515	Convert Gravity Thickener to New Primary Clarifier	0	400	2,030									2,430
Sewer Cap Imp (613)	7641	Enclose Effluent Contact Channel	0	500	2,600									3,100
Sewer Cap Imp (613)	NEW	Study of Impacts of Whitesell Extension on WPCF	0	20										20
Sewer Cap Imp (613)	NEW	Wind Power Feasibility Study	0	100										100
Sewer Cap Imp (613)	NEW	WPCF Master Plan Update	0	300										300
Sewer Cap Imp (613)	NEW	West Winton Landfill Drainage Culvert Repair and Cap Placement Project	0	350										350
Sewer Cap Imp (613)	NEW	Solar Power Design and Construction	0	8,000										8,000
Sewer Cap Imp (613)	7528	WPCF Administration Building HVAC Renovation Project	0	0	200									200
Sewer Cap Imp (613)	TBD	Wastewater Collection System Master Plan	0	0	300									300
Sewer Cap Imp (613)	TBD	West Trickling Filter Biofilter	0	0	400									400
Sewer Cap Imp (613)	NEW	WPCF Administration Building Renovation and Addition	0	0	1,000									1,000
Sewer Cap Imp (613)	NEW	Recycled Water Treatment and Distribution Facilities	0	0	2,600	7,300								9,900
Sewer Cap Imp (613)	NEW	WPCF Master Plan Update Improvement Projects	0	0	500	500	500	500	500					2,500
Sewer Cap Imp (613)	TBD	Second Engine & Grease Digestion Co-Generation System	0	0	0	0	2,000							2,000
Sewer Cap Imp (613)	NEW	Storage Ponds Evaluation and Rehabilitation	0	0	0	0	500	4,000						4,500
Sewer Cap Imp (613)	NEW	New Final Clarifier	0	0	0	0	0	0	0	0	0	7,900		7,900
Sewer Coll Sys Rep (614)	7550	Dixon Area Sewer Improvement Project	150	950										1,100
Sewer Coll Sys Rep (614)	7524	Project Predesign Services	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Coll Sys Rep (614)	7575	Miscellaneous Lift Station Equipment Replacement	100	100	100	100	100	100	100	100	100	100	100	1,100
Sewer Coll Sys Rep (614)	7594	SCADA & Transducer Replacement	15	15	15	15	15	15	15	15	15	15	15	165
Sewer Coll Sys Rep (614)	7531	Asset Management Plan	0	100										100
Sewer Coll Sys Rep (614)	7535	Annual Line Replacements FY09	0	616										616
Sewer Coll Sys Rep (614)	7546	Sunset Area Sewer Capacity Study	0	50										50
Sewer Coll Sys Rep (614)	NEW	Submersible Pump Replacement at Durham, Linden, and Halifax Sewage Pump Stations	0	52										52
Sewer Coll Sys Rep (614)	TBD	Annual Line Replacements FY10	0	300										300
Sewer Coll Sys Rep (614)	TBD	Annual Line Replacements FY11	0	0	300									300
Sewer Coll Sys Rep (614)	7547	Sewer Replacement at Linden St., Madrone St., & Beech St.	0	0	40	260								300
Sewer Coll Sys Rep (614)	TBD	Annual Line Replacements FY12 - FY19	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
Sewer Coll Sys Rep (614)	NEW	Sewer Collection System Master Plan	0	0	0	0	0	400						400
Sewer Coll Sys Rep (614)	NEW	Sewer Collection System Master Plan Recommendations	0	0	0	0	0	0	500	500	500	500	500	2,500
Sewer Coll Sys Rep (614)	NEW	Valle Vista Submersible Pump Repl and Wet Well Rehab	0	0	0	0	0	0	0	0	400			400

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

			PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
			(In thousands)											
FUND:	PROJ. NO.	DESCRIPTION												
Water Poll Ctrl Repl (616)	7648	Seismic Retrofit Miscellaneous Plant Buildings	25	350										375
Water Poll Ctrl Repl (616)	7654	Levee Road and Effluent Channel Repair	200	200										400
Water Poll Ctrl Repl (616)	7649	Headworks Ventilation System Evaluation	0	25										25
Water Poll Ctrl Repl (616)	7651	Co-Generation System - Alternative and Implementation	52	1,548										1,600
Water Poll Ctrl Repl (616)	7640	Enclose Effluent Channel	0	500	4,600									5,100
Water Poll Ctrl Repl (616)	7646	Primary Clarifiers Rehabilitation	89	115	116									320
Water Poll Ctrl Repl (616)	7656	Main 480V MCC Electrical Distribution Repairs	0	190	1,035									1,225
Water Poll Ctrl Repl (616)	7516	EBDA Outfall Replacement Payment	72	72	100	100	100	100	100	100	100	100	100	1,044
Water Poll Ctrl Repl (616)	7529	Miscellaneous Plant Replacements	300	300	300	300	300	300	300	300	300	300	300	3,300
Water Poll Ctrl Repl (616)	7596	SCADA System Miscellaneous Replacements	15	15	15	15	15	15	15	15	15	15	15	165
Water Poll Ctrl Repl (616)	NEW	Digester #3 Cleaning	0	135										135
Water Poll Ctrl Repl (616)	NEW	Headworks Interior (Wetside and Dryside) Painting	0	150										150
Water Poll Ctrl Repl (616)	7639	West Trickling Filter Replacement	0	0	900	5,900								6,800
Water Poll Ctrl Repl (616)	7644	Sludge Lagoon #494 Pump Relocation	0	0	0	110								110
Water Poll Ctrl Repl (616)	NEW	Digester #2 Cleaning	0	0	0	150								150
Water Poll Ctrl Repl (616)	NEW	Headworks Hydraulic Valve Actuator and Shaft Replacement	0	0	0	150								150
Water Poll Ctrl Repl (616)	NEW	Plant Exterior Buildings Painting	0	0	0	200								200
Water Poll Ctrl Repl (616)	NEW	WPCF Master Plan Recommended Replacement Projects	0	0	0	500	500	500	500	500				2,500
Water Poll Ctrl Repl (616)	NEW	Solids Contact Tank Grounds Improvement	0	0	0	0	70							70
Water Poll Ctrl Repl (616)	NEW	Digester #1 Cleaning	0	0	0	0	0	150						150
Water Poll Ctrl Repl (616)	NEW	Digester #3 Cleaning and Dome Rehabilitation	0	0	0	0	0	0	0	400				400
Water Poll Ctrl Repl (616)	NEW	WPCF Access Roads Rehabilitation	0	0	0	0	0	0	0	0	500			500
Water Poll Ctrl Repl (616)	NEW	Digester #2 Cleaning and Dome Rehabilitation	0	0	0	0	0	0	0	0	0	500		500
Water Poll Ctrl Repl (616)	NEW	Gravity Belt Thickener Rebuilding	0	0	0	0	0	0	0	0	0	500		500
Water Poll Ctrl Repl (616)	NEW	Digester #1 Cleaning and Dome Rehabilitation	0	0	0	0	0	0	0	0	0	0	500	500
TOTAL SEWER SYSTEM PROJECTS			1,668	16,113	17,181	16,630	5,130	7,110	3,060	2,960	2,960	10,960	2,560	86,332

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

FUND:	PROJ. NO.	DESCRIPTION	PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.									
(In thousands)														
WATER SYSTEM PROJECTS														
Water Sys Cap Imp (622)	7024	Reservoir Landscape Improvements (7 sites)	66	42										108
Water Sys Cap Imp (622)	7139	Install Water Line at Golf Course Access Road	28	684										712
Water Sys Cap Imp (622)	7029	Project Predesign Services	15	15	15	15	15	15	15	15	15	15	15	165
Water Sys Cap Imp (622)	7119	Radio Telemetry & Transducer Replacement & Upgrade	15	15	15	15	15	15	15	15	15	15	15	165
Water Sys Cap Imp (622)	7023	Installation of Emerg Sudden Loss Valves - Various Locations	0	422										422
Water Sys Cap Imp (622)	7160	Seismic Retrofit Maitland Reservoir & Appurtenances	0	130	560									690
Water Sys Cap Imp (622)	7161	Seismic Retrofit "D" Street Reservoir	0	150	1,000									1,150
Water Sys Cap Imp (622)	7173	Seismic Retrofit Highland 250 Reservoirs	29	97	900									1,026
Water Sys Cap Imp (622)	7136	System Seismic Upgrades	0	100	100	100	100							400
Water Sys Cap Imp (622)	NEW	High School Reservoir Roof Replacement	0	500										500
Water Sys Cap Imp (622)	7138	Install Water Line Looping Near BART Tracks & Whipple Rd.	0	0	640									640
Water Sys Cap Imp (622)	7140	Parallel Supply to the 330 Zone	120	0	1,150									1,270
Water Sys Cap Imp (622)	NEW	Water System Master Plan Update	0	0	0	400								400
Water Sys Cap Imp (622)	NEW	Water System Master Plan Improvement Projects	0	0	0	0	500	500	500	500	500			2,500
Water Sys Cap Imp (622)	NEW	Groundwater Management Plan Modeling & Implementation	0	0	0	0	0	0	3,000					3,000
Water Sys Cap Imp (622)	7172	New 3 MG Reservoir at High School Reservoir Site	74	0	0	0	0	0	0	0	8,500			8,574
Water Sys Cap Imp (622)	NEW	Underground 2 MG Reservoir at Hesperian Site	0	0	0	0	0	0	0	0	0	5,000		5,000
Water Sys Repl (623)	7165	Highland 1000 Reservoir Replacement	578	3,544										4,122
Water Sys Repl (623)	7003	Miscellaneous Hydrant Replacement Program	50	50	50	50	50	50	50	50	50	50	50	550
Water Sys Repl (623)	7006	Annual System Replacement Program	100	100	100	100	100	100	150	150	150	150	150	1,350
Water Sys Repl (623)	7013	High Efficiency Fixture Replacement Program	200	200	100	100	100	100	100	100	100	100	100	1,300
Water Sys Repl (623)	7030	Project Predesign Services	25	25	25	25	25	25	25	25	25	25	25	275
Water Sys Repl (623)	7037	Aqueducts Record Drawings Update	5	295										300
Water Sys Repl (623)	7043	Asset Management Plan	0	100										100
Water Sys Repl (623)	7046	Replace 16" Water Line near Mission & Willis	0	365	1,800									2,165
Water Sys Repl (623)	7163	Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand	377	1,246	1,377									3,000
Water Sys Repl (623)	TBD	Annual Line Replacements FY10	0	300										300
Water Sys Repl (623)	7045	250-500 16" Transmission Main Replacement-Highland Blvd.	0	0	1,400									1,400
Water Sys Repl (623)	TBD	Annual Line Replacements FY11	0	0	300									300
Water Sys Repl (623)	NEW	Highland 250 Pump Station Upgrade	0	0	400									400
Water Sys Repl (623)	TBD	Annual Line Replacements FY12-FY19	0	0	0	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,000	14,500
Water Sys Repl (623)	NEW	Water System Master Plan Update	0	0	0	450								450
Water Sys Repl (623)	NEW	Water System Master Plan Replacement Projects	0	0	0	0	500	500	500	500	500			2,500
TOTAL WATER SYSTEM PROJECTS			1,682	8,380	9,932	2,755	2,905	2,805	6,355	3,355	11,855	7,355	2,355	59,734

CAPITAL PROJECTS BY CATEGORY

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.

FUND:	PROJ. NO.	DESCRIPTION	PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	
(In thousands)														
AIRPORT PROJECTS														
Airport Cap Imp (632)	6842	Airport Layout Plan Update	150	180										330
Airport Cap Imp (632)	6805	Project Predesign Services	25	50	50	50	50	50	50	50	50	50	50	525
Airport Cap Imp (632)	6806	Consultant Predesign Services	5	10	10	10	10	10	10	10	10	10	10	105
Airport Cap Imp (632)	6891	Miscellaneous Pavement/Building/Grounds Repairs	672	150	150	150	150	150	150	150	150	150	150	2,172
Airport Cap Imp (632)	6898	Noise Monitoring Equipment Upgrade	100	50	50	50	50	50	50	50	50	50	50	600
Airport Cap Imp (632)	6836	Vehicle Access for Corsair Hangars	0	286										286
Airport Cap Imp (632)	6897	Rehab of Main Electrical Service Lines to Airport Tower	0	50										50
Airport Cap Imp (632)	TBD	Line Lazer Striping & Crack Sealer Equipment	0	30										30
Airport Cap Imp (632)	NEW	Airport Operations and Command Vehicle	0	42	0	0	0	0	0	42				84
Airport Cap Imp (632)	TBD	Sulphur Creek Mitigation - Environmental Planning	0	180										180
Airport Cap Imp (632)	NEW	New Administration Building	0	0	0	300	1,800							2,100
Airport Cap Imp (632)	TBD	Sulphur Creek Mitigation - Design and Construction	0	0	3,250									3,250
Airport Cap Imp (632)	TBD	Potential Runway Safety Area Improvements	0	0	0	2,400								2,400
Airport Cap Imp (632)	TBD	Realignment of Taxiway Zulu	0	0	0	0	3,200							3,200
Airport Cap Imp (632)	TBD	Renovation of Airfield Lighting and Markings	0	0	0	0	0	2,200						2,200
Airport Cap Imp (632)	TBD	Install RENLS and PAPIS	0	0	0	0	0	0	350					350
Airport Cap Imp (632)	TBD	Relocate West End Access Road & RWY 10R Holding Area	0	0	0	0	0	0	700					700
Airport Cap Imp (632)	TBD	Install Runway Identifier Lights 10L/28R	0	0	0	0	0	0	0	350				350
Airport Cap Imp (632)	TBD	Rehab of TWY Charlie between RWY 10L/28R and 10R/28L & TWY Alpha and 10L/28R & Rehab TWY Delta	0	0	0	0	0	0	0	0	0	895		895
Airport Cap Imp (632)	NEW	Install Safe Drain System for Existing Storm Drains	0	0	0	150								150
Airport Cap Imp (632)	NEW	Overlay of Tiedown Ramp and Associated Taxiway	0	0	0	0	0	0	375					375
Airport Cap Imp (632)	NEW	Hangar Repainting	0	0	0	0	0	0	0	460				460
Airport Cap Imp (632)	NEW	Replacement Crash Rescue Vehicle	0	0	0	0	0	0	0	0	150			150
Airport Cap Imp (632)	NEW	East T-Hangar Foam Re-roofing	0	0	0	0	0	0	0	0	0	0	1,000	1,000
TOTAL AIRPORT PROJECTS			952	1,028	3,510	3,110	5,260	2,460	1,685	1,112	410	1,155	1,260	21,942

*GLOSSARY OF TERMS
AND
DESCRIPTION OF
CAPITAL IMPROVEMENT
PROGRAM FUNDS*

GLOSSARY OF TERMS AND REVENUE SOURCES

ACTA (Alameda County Transportation Authority): The agency that administers the Alameda County transportation sales tax program.

ACTIA (Alameda County Transportation Improvement Authority): The agency that administers the re-authorized Alameda County transportation sales tax program.

Appropriation: An authorization granted by the City Council to make expenditures and to incur obligations for specific purposes.

BAAQMD (Bay Area Air Quality Management District): Agency which sponsors programs and regulates industry and employers to promote clean air.

CMA (Congestion Management Agency): Countywide agency which is responsible for preparing and implementing the County's Congestion Management Program.

CMAQ (Congestion Mitigation and Air Quality Improvement Program): A category of funding administered by MTC, which is available for transportation projects that reduce congestion and improve air quality.

Capital Improvement: A major addition to the City's real property assets including the design, construction, purchase, or major renovation of land, buildings, or facilities. Examples are the installation or repair of new or existing streets, traffic signals, sewer lines, roads, and parks.

Capital Improvement Program (CIP): A plan for single- and multiple-year capital expenditures, which is updated annually, and sets forth each project or expenditure to be completed within the time period covered by the plan.

Debt Service: The payment of interest and principal on borrowed funds.

EEM (Environmental Enhancement Mitigation): Program which provides funding primarily for landscaping improvements associated with major projects.

EPA (Environmental Protection Agency): Federal agency which provides some grant funding for major wastewater treatment programs.

Expenditure: The amount of cash paid or to be paid for services rendered, goods received, or an asset purchased.

FAA (Federal Aviation Administration): Provides reimbursement for qualified airport projects such as taxiway repairs, runway improvements, etc.

FAU (Federal Aid Urban): Predecessor federal program to ISTEA which provided funding for major transportation improvements.

FEMA (Federal Emergency Management Agency): Provides funding through the State Office of Emergency Services for repairs after natural disasters and mitigation funding for seismic upgrades.

Fiscal Year: The 12-month period to which the annual budget applies. For the City of Hayward, this period of time is July 1 through June 30.

Fund: A separate independent accounting entity used to set forth the financial position of results of operations related to the specific purpose for which the fund was created.

Grant: A contribution by a government or other organization to support a particular function or project.

General Fund: The City's principal operating fund, which is supported by general taxes and fees and which can be used for any legal government purpose.

HES (Hazard Elimination Safety Program): Federal program to fund projects that improve traffic safety.

Identified Capital Need: A project that is identified as being necessary in a City-approved policy document, but which has no current identifiable funding source.

ISTEA (Intermodal Surface Transportation Efficiency Act): Pronounced "Ice Tea." Federal law passed in 1991. This funding emphasizes diversity and balance of alternative modes of transportation, and preservation of existing transit systems as a prerequisite to construction of new facilities. Two-year funding cycles include both guaranteed funds for the county as well as competitive categories based on MTC scoring system.

LAVWMA (Livermore-Amador Valley Water Management Agency): A joint-powers agency comprised of the cities of Livermore and Pleasanton and the Dublin San Ramon Services District.

OTS (Office of Traffic Safety): The California Office of Traffic Safety, which is charged with reducing fatalities, injuries, and economic losses resulting from motor vehicle crashes through administration of the California Highway Safety Plan (HSP).

Proposition 1B: Proposition 1B provides bond funds for a variety of transportation priorities, including \$2 billion for cities and counties to fund the maintenance and improvement of local transportation facilities.

RABA (Revenue Aligned Budget Authority): Mechanism to ensure that annual appropriations of federal transportation funding closely match the monies collected from the federal fuel tax. It is used to provide additional funds through the Surface Transportation Program to local jurisdictions for street and road overlays when actual receipts from the federal fuel tax are higher than originally projected.

Revenue: Income received from taxes, fees, permits, franchises, interest, and intergovernmental sources.

Rule 20: Funds are required to be set aside by PG&E for each municipality from its revenues to cover future undergrounding of utilities. The City establishes undergrounding districts and programs funds for specific areas.

Safe Routes to Schools: A federally funded program administered by Caltrans designed to provide monies to local agencies for projects that will promote and improve pedestrian and bicycle safety near schools. The program goal is to encourage increased walking and bicycling to schools.

STIP (State Transportation Improvement Program): Spending program developed at the regional level throughout the state. The STIP determines when and if transportation projects will be funded by the state.

STP (Surface Transportation Program): A category of funding administered by MTC which is available for: roadway or transit rehabilitation; transportation system operational improvements; highway construction; transit facilities; and intermodal port facilities.

TCRP (Governor's Traffic Congestion Relief Program): This program, which is part of Proposition 42, requires that state sales and use taxes on the sale of motor vehicle fuel be used for transportation projects. Cities can use revenues from this program for funding of street and highway maintenance, rehabilitation, and reconstruction projects.

TDA (Transportation Development Act): State law enacted in 1971. Funds derived from a one-quarter of one percent tax on all retail sales in each county. These funds can be used for transit, special transit for the disabled, bicycle and pedestrian purposes.

TEA-21 (Transportation Equity Act for the 21st Century): Federal transportation legislation that retains and expands many programs created under ISTEA. This reauthorizes federal surface transportation programs from 2005-2009 and significantly increases overall funding for transportation.

TFCA (Transportation Fund for Clean Air) (formerly AB434-BAAQMD): Program for which funds are raised by a \$4.00 surcharge on motor vehicle registrations to provide funding to implement strategies to reduce air pollution from motor vehicles. This is a competitive program that funds eligible projects such as: implementation and support of local ridesharing and trip reduction programs, local arterial traffic management, and implementation of bicycle facilities improvements that are included in an adopted county-wide bicycle plan.

CAPITAL IMPROVEMENT PROGRAM FUNDS

<i>FUND</i>	<i>REVENUE SOURCE</i>	<i>RESTRICTED/ NON-RESTRICTED</i>	<i>ALLOWABLE USES</i>
<i>210-Gas Tax</i>	<i>Gas Tax (general) - funds paid to the City by the State</i>	<i>Restricted</i>	<i>Any street related project, construction, or maintenance.</i>
	<i>Gas Tax (Prop. 111) - approved by voters 6/5/90</i>	<i>Restricted</i>	<i>Any street related project similar to general Gas Tax monies.</i>
<i>211-Measure B Tax (Local Transportation)</i>	<i>Measure B Local Transportation Funds</i>	<i>Restricted</i>	<i>Local street maintenance and transportation improvements.</i>
<i>212-Measure B Tax (Pedestrian and Bicycle)</i>	<i>Measure B Non-Motorized Funds</i>	<i>Restricted</i>	<i>Pedestrian and bicycle improvements.</i>
<i>410-Capital Improvement</i>	<i>Construction Tax and Transfers from General Fund when available</i>	<i>Non-Restricted</i>	<i>Any capital expenditure.</i>
<i>413-Street System Improvements</i>	<i>Transfers from General Fund in prior years, TCRP (Proposition 42) Funds, Proposition 1B, and transfers from Measure B Fund and Rt. 238 Trust Fund</i>	<i>Non-Restricted and Restricted Depending on Source of Revenue</i>	<i>Major street system improvements.</i>
<i>420-Transportation System Improvement</i>	<i>Transfers from General Fund</i>	<i>Non-Restricted</i>	<i>Established for transportation improvement projects. However, monies can be used for any capital expenditure.</i>
<i>430-Route 238 Trust Fund</i>	<i>State Right-of-Way Rental (12% share of rental fees collected for housing units purchased for Route 238 right-of-way)</i>	<i>Restricted</i>	<i>May be used to fund transportation improvements similar to Gas Tax.</i>

CAPITAL IMPROVEMENT PROGRAM FUNDS

<i>FUND</i>	<i>REVENUE SOURCE</i>	<i>RESTRICTED/ NON-RESTRICTED</i>	<i>ALLOWABLE USES</i>
<i>454-Redevelopment Tax Allocation Bonds</i>	<i>Tax allocation bonds</i>	<i>Restricted</i>	<i>May be used only for projects related to redevelopment.</i>
<i>613-Sewer Capital Improvement</i>	<i>Sewer connection fees from new development</i>	<i>Restricted</i>	<i>May be used only for projects related to the sewer system.</i>
<i>614-Sewer Replacement</i>	<i>Transfers from Sewer Revenue Fund (Fund 611)</i>	<i>Restricted</i>	<i>May be used only for projects related to the sewer system.</i>
<i>616-WPCF Replacement</i>	<i>Transfers from Sewer Revenue Fund</i>	<i>Restricted</i>	<i>May be used only for projects related to the Water Pollution Control Facility.</i>
<i>622-Water Capital</i>	<i>Water Facilities Fees from new development</i>	<i>Restricted</i>	<i>May be used only for projects related to the water system.</i>
<i>623-Water Replacement</i>	<i>Transfers from Water Maintenance & Operation Fund (Fund 621)</i>	<i>Restricted</i>	<i>May be used only for projects related to the water system.</i>
<i>627-Regional Water Intertie – Capital</i>	<i>Contributions from the SFPUC and EBMUD.</i>	<i>Restricted</i>	<i>May be used only for work related to the Regional Water Intertie Project.</i>
<i>632-Airport</i>	<i>Transfers from Airport Operation Fund (Fund 631)</i>	<i>Restricted</i>	<i>May be used only for airport projects.</i>
<i>721-Facilities Internal Service</i>	<i>Initial start-up funding from Capital Improvement Fund (Fund 410); funding in subsequent years derived from internal service charges.</i>	<i>Restricted</i>	<i>May be used only for facilities-related projects.</i>

CAPITAL IMPROVEMENT PROGRAM FUNDS

<i>FUND</i>	<i>REVENUE SOURCE</i>	<i>RESTRICTED/ NON-RESTRICTED</i>	<i>ALLOWABLE USES</i>
<i>726-Technology Services Internal Service</i>	<i>Initial start-up funding from Capital Improvement Fund (Fund 410); funding in subsequent years derived from internal service charges.</i>	<i>Restricted</i>	<i>May be used only for technology-related projects.</i>

TEN-YEAR CAPITAL IMPROVEMENT PROGRAM

LIVABLE NEIGHBORHOODS EXPENDITURE SUMMARY

PROJECT DESCRIPTION	TOTAL	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
Pedestrian and Bicycle Improvements	140	10	10	15	15	15	15	15	15	15	15
Wheelchair Ramps	1,256	196	100	120	120	120	120	120	120	120	120
Sidewalk Rehabilitation & New Sidewalks	13,400	1,900	1,300	1,000	1,500	1,000	1,300	1,300	1,300	1,400	1,400
Speed Hump Installation & Traffic Calming	1,000	100	100	100	100	100	100	100	100	100	100
Street Trees & Median Landscaping	5,166	981	465	465	465	465	465	465	465	465	465
New and Replacement Street Lights	300	30	30	30	30	30	30	30	30	30	30
TOTAL CAPITAL EXPENDITURES	21,262	3,217	2,005	1,730	2,230	1,730	2,030	2,030	2,030	2,130	2,130

NOTE: All expenditures expressed in \$1,000's.

FY10 LIVABLE NEIGHBORHOODS

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR EXPEND.	FY10 EXPEND.	FY11 EXPEND.	FY12 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	TOTAL
(In thousands)														
FUND:	PROJECT NUMBER	DESCRIPTION												
PEDESTRIAN AND BICYCLE IMPROVEMENTS														
Measure B Tax (212)	5175	Pedestrian Traffic Signal Improvements	146	10	10	15	15	15	15	15	15	15	15	286
		SUBTOTAL		10	10	15	140							
WHEELCHAIR RAMPS														
Gas Tax Fund (210)	5122	Wheelchair Ramps FY09 - Districts 7 & 10	20	100										120
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY10 - Districts 1 & 8	0	96										96
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY11 - Districts 2 & 3	0	0	100									100
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY12 - FY19	0	0	0	120	120	120	120	120	120	120	120	960
		SUBTOTAL		196	100	120	1,256							
SIDEWALK REHABILITATION & NEW SIDEWALK														
Measure B Tax (212)	TBD	New Sidewalks: D St., Cypress St. & Western Blvd.	0	600										600
Measure B Tax (212)	TBD	New Sidewalks: Bellina Street	0	0	400									400
Measure B Tax (212)	TBD	New Sidewalks: Franklin, Harder, Phillips, and Huntwood/Sandoval	0	0	0	100	600							700
Measure B Tax (212)	TBD	New Sidewalks FY14-FY19	0	0	0	0	0	100	400	400	400	500	500	2,300
Street System Imp (413)	NEW	Sidewalk Repair - B Street from Grand to Martin Luther King Drive	0	400										400
Street System Imp (413)	TBD	Sidewalk Rehab Project FY10 - Districts 1 and 8	0	900										900
Street System Imp (413)	TBD	Sidewalk Rehab Project FY11 - Districts 2 and 3	0	0	900									900
Street System Imp (413)	TBD	Sidewalk Rehab Project FY12 - Districts 6 and 9	0	0	0	900								900
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY13 - FY19	0	0	0	0	900	900	900	900	900	900	900	6,300
		SUBTOTAL		1,900	1,300	1,000	1,500	1,000	1,300	1,300	1,300	1,400	1,400	13,400

FY10 LIVABLE NEIGHBORHOODS

Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense.			PRIOR	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTAL
			EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.	EXPEND.
			(In thousands)											
FUND:	PROJECT NUMBER	DESCRIPTION												
SPEED HUMP INSTALLATION & TRAFFIC CALMING														
Capital Imp (410)	6950	Neighborhood Improvement Project	100	50	50	50	50	50	50	50	50	50	50	600
Transp Sys Imp (420)	5734	Speed Hump Installation Program	65	50	50	50	50	50	50	50	50	50	50	565
		SUBTOTAL		100	1,000									
STREET TREES AND MEDIAN LANDSCAPING														
Gas Tax Fund (210)	5128	New Street Tree Inventory Software & Data Update	50	170										220
Capital Imp (410)	6951	City Gateways	40	166										206
Capital Imp (410)	6978	Foothill Gateway Landscape Plan	0	50										50
Capital Imp (410)	5102	Landscape Material/Street Tree Replacements	52	55	55	55	55	55	55	55	55	55	55	602
Capital Imp (410)	6938	Annual Median Tree & Shrub Replacement	55	50	50	50	50	50	50	50	50	50	50	555
Street System Imp (413)	5193	Median Landscaping Improvement Project	30	490	360	360	360	360	360	360	360	360	360	3,760
		SUBTOTAL		981	465	5,166								
NEW AND REPLACEMENT STREETLIGHTS														
Gas Tax Fund (210)	5132	New and Replacement Street Lights	10	30	30	30	30	30	30	30	30	30	30	310
		SUBTOTAL		30	300									
TOTAL LIVABLE NEIGHBORHOODS PROJECTS				3,217	2,005	1,730	2,230	1,730	2,030	2,030	2,030	2,130	2,130	21,262

GAS TAX FUND - FUND 210

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
5136	Wheelchair Ramps - FY08 - Districts 4 & 5	138	15	123										
	<i>TDA</i>	138		138										
5135	Pavement Rehabilitation - Gas Tax - FY08 - District 16	1,252	78	1,174										
5137	Pavement Rehabilitation - Gas Tax FY09 - Dist. 17 & 21	22	4	18										
5122	Wheelchair Ramps - FY09 - Districts 7 & 10	120	0	20	100									
	<i>TDA</i>	120			120									
5128	New Street Tree Inventory Software and Data Update	220	0	50	170									
	<i>Urban Forestry Grant</i>	110			110									
5138	Civic Avenue New Sidewalk	105	80	25										
	<i>Deferred Improvement Agreements</i>	5		3	2									
5106	Project Predesign	330	N/A	30	30	30	30	30	30	30	30	30	30	30
5110	Pavement Management Program	400	N/A	40	10	50	10	50	15	65	15	65	15	65
5116	Congestion Management Program	851	N/A	56	63	69	73	77	79	82	84	87	89	92
5132	New and Replacement Streetlights	310	0	10	30	30	30	30	30	30	30	30	30	30
5140	Miscellaneous Curb and Gutter Repair	330	N/A	30	30	30	30	30	30	30	30	30	30	30
5133	StreetView System Upgrade	420	56	64	0	60	0	60	0	60	0	60	0	60
TBD	Wheelchair Ramps - FY10 - Districts 1 & 8	96	0	0	96									
	<i>TDA</i>	96			96									
TBD	Pavement Rehab - Gas Tax - FY11 - Districts 17, 18, & 21-23	1,000	0	0	25	975								
TBD	Wheelchair Ramps - FY11 - Districts 2 & 3	100	0	0	0	100								
	<i>TDA</i>	100				100								
TBD	Pavement Rehab - Gas Tax - FY12	1,000	0	0	0	25	975							
TBD	Pavement Rehabilitation - Gas Tax FY13 - FY19	6,200	0	0	0	0	25	775	900	900	900	900	900	900
TBD	Wheelchair Ramps FY12 - FY19	960	0	0	0	0	120	120	120	120	120	120	120	120
	<i>TDA</i>	960					120	120	120	120	120	120	120	120

GAS TAX FUND - FUND 210

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	TOTAL PROJECT COSTS			1,640	554	1,369	1,293	1,172	1,204	1,317	1,209	1,322	1,214	1,327
	Transfer to General Fund for Street & Signal Maintenance	18,531	1,391	1,055	3,166	1,379	1,393	1,407	1,421	1,435	1,449	1,464	1,478	1,493
	TOTAL EXPENDITURES			2,695	3,720	2,748	2,686	2,579	2,625	2,752	2,658	2,786	2,692	2,820
	REVENUES:													
	Apportionment Sec. 2106 & 2107			779	2,429	1,628	1,644	1,661	1,677	1,694	1,711	1,728	1,746	1,763
	Apportionment Sec. 2105 - Prop. 111			403	1,213	820	828	837	845	853	862	871	879	888
	Interest			7	2	6	3	4	7	6	5	5	5	5
	Reimbursements			138	216	100	120	120	120	120	120	120	120	120
	Urban Forestry Grant				110									
	Deferred Improvement Agreements			3	2									
	REVENUE SUBTOTAL:			1,330	3,972	2,554	2,596	2,621	2,649	2,674	2,698	2,724	2,750	2,776
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			1,330	3,972	2,554	2,596	2,621	2,649	2,674	2,698	2,724	2,750	2,776
	BEGINNING FUND BALANCE:			1,520	155	407	213	123	166	191	112	152	90	147
	ENDING FUND BALANCE:			155	407	213	123	166	191	112	152	90	147	103

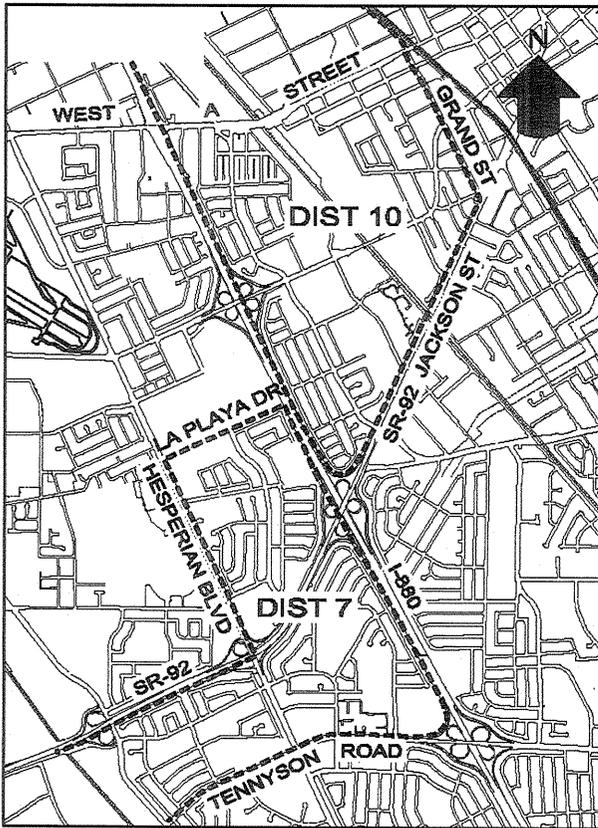
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY09 - Districts 7 & 10
 Project No.: 5122
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	20	100										120
Reimbursements			(120)										(120)
Net Cost to Fund	0	20	(20)										0



DESCRIPTION:

This project will install wheelchair ramps in Districts 7 and 10.

JUSTIFICATION:

The project is one of several that will enhance and provide the disabled with access to streets and sidewalks.

REIMBURSEMENTS:

Transportation Development Act 120

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: New Street Tree Inventory Software and Data Update
 Project No.: 5128
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	50	170										220
Reimbursements			(110)										(110)
Net Cost to Fund	0	50	60										110

DESCRIPTION:

This new software will allow the City to better track its inventory of street trees in Hayward.

JUSTIFICATION:

City staff will be better able to respond to areas where additional trees are needed.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Urban Forestry Grant 110

PROJECT MODIFICATIONS:

Added \$120,000 to project, \$110,000 of which will be reimbursed through an Urban Forestry Grant.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Project Predesign
 Project No.: 5106
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

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

Also includes engineering costs associated with overall administration of all capital projects.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 each year from FY14 through FY19 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Management Program

Project No.: 5110

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	40	10	50	10	50	15	65	15	65	15	65	400
Reimbursements													
Net Cost to Fund	N/A	40	10	50	10	50	15	65	15	65	15	65	400

DESCRIPTION:

City engineering costs associated with updating computerized inventory and rating system for pavement condition of City streets.

JUSTIFICATION:

This computer system evaluates current and predicts future roadway conditions, and provides an engineering plan for maintaining City streets. Use of this method enables preparation of a logical and efficient method of identification and maintenance implementation. Also, utilization of a Pavement Management System is a prerequisite under certain funding sources.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$260,000 from FY14-FY19 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Congestion Management Program

Project No.: 5116

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	56	63	69	73	77	79	82	84	87	89	92	851
Reimbursements													
Net Cost to Fund	N/A	56	63	69	73	77	79	82	84	87	89	92	851

DESCRIPTION:

Mandated annual program to provide periodic studies of Congestion Management Program (CMP) routes and financial support for County Congestion Management Agency. Proposition 111 (Section 2105 of Gas Tax) funds may be used to fund this program.

JUSTIFICATION:

In accordance with legislation, a jurisdiction receiving state and federal funding for transportation projects must participate in the County's CMP Agency. Requirements include providing various studies on an on-going basis, preparing updates as specified, and providing support for a travel reduction program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by \$511,000 between FY14 and FY19 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: New and Replacement Streetlights
 Project No.: 5132
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	10	30	30	30	30	30	30	30	30	30	30	310
Reimbursements													
Net Cost to Fund	0	10	30	30	30	30	30	30	30	30	30	30	310

DESCRIPTION:

Annual project to install and replace streetlights, as needed. Acquisition of existing streetlights from PG&E obligates the City to fund the installation of future lights, throughout the City, when identified as necessary and as funds are available.

JUSTIFICATION:

To provide new and replacement street lighting determined to be necessary for pedestrian and traffic safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 each year from FY14 through FY19 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Miscellaneous Curb and Gutter Repair

Project No.: 5140

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

Annual project to perform curb and gutter repairs on various streets throughout the City.

JUSTIFICATION:

Performance of repairs to curb and gutter helps to defer total reconstruction and aids in proper streets drainage.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 each year from FY14 through FY19 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: StreetView System Upgrade
 Project No.: 5133
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	56	64	0	60	0	60	0	60	0	60	0	60	420
Reimbursements													
Net Cost to Fund	56	64	0	60	0	60	0	60	0	60	0	60	420

DESCRIPTION:

This project will provide new photographs and upgraded capabilities for the StreetView system in order to better function as a design and planning tool for City staff.

JUSTIFICATION:

Upgrades to the photo functionality of the software package will better allow staff to utilize all of the various functions offered by the program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$60,000 each in FY11, FY13, FY15, FY17, and FY19 to continue upgrades to this system every other fiscal year.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



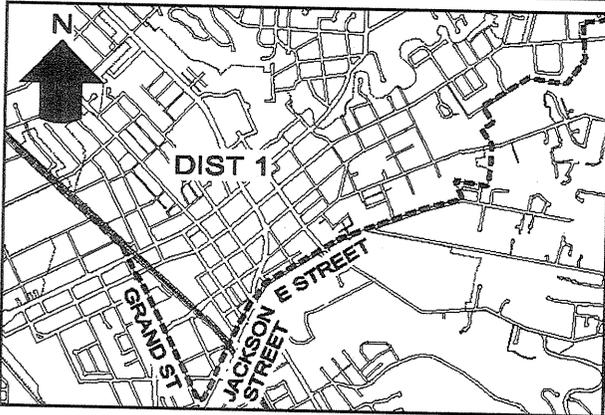
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY10 - Districts 1 & 8
 Project No.: TBD
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	96										96
Reimbursements			(96)										(96)
Net Cost to Fund	0	0	0										0

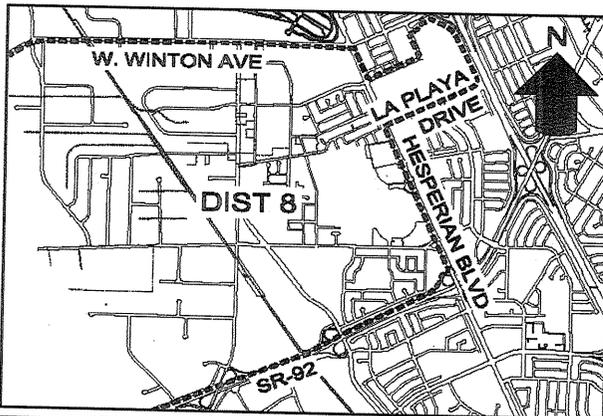


DESCRIPTION:

This project will install wheelchair ramps in Districts 1 and 8.

JUSTIFICATION:

The project is one of several that will enhance neighborhood preservation and provide the disabled with access to streets and sidewalks.



REIMBURSEMENTS:

Transportation Development Act

96

PROJECT MODIFICATIONS:

Decreased funding by \$24,000 to match amount of expected TDA reimbursement.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY11 - Districts 17, 18, and 21-23

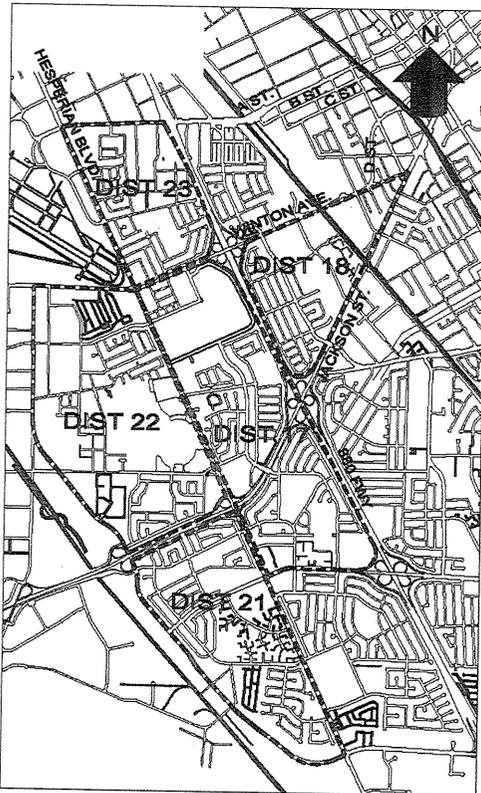
Project No.: To Be Determined

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	25	975									1,000
Reimbursements													
Net Cost to Fund	0	0	25	975									1,000



DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year. The areas of the City that are part of this project are in Districts 17, 18, and 21-23.

As funds are appropriated, the current year portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

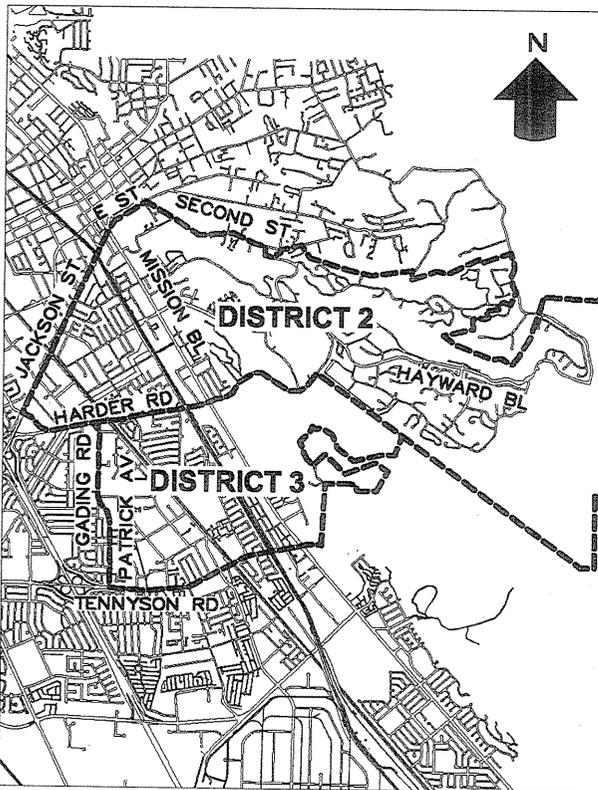
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY11 - Districts 2 & 3
 Project No.: TBD
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

This project will install wheelchair ramps in Districts 2 and 3.

JUSTIFICATION:

The project is one of several that will enhance neighborhood preservation and provide the disabled with access to streets and sidewalks.

REIMBURSEMENTS:

Transportation Development Act 100

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street Project Title: Pavement Rehabilitation - Gas Tax FY12
 Project No.: To Be Determined
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	25	975								1,000
Reimbursements													
Net Cost to Fund	0	0	0	25	975								1,000

DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year.

As funds are appropriated, the current year portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY13-FY19

Project No.: To Be Determined

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	25	775	900	900	900	900	900	900	6,200
Reimbursements													
Net Cost to Fund	0	0	0	0	25	775	900	900	900	900	900	900	6,200

DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year.

As funds are appropriated, the current year portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Decreased funding by \$500,000 for FY13 and \$400,000 per year from FY14-FY19 to match project scope with available Gas Tax funds.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY12 - FY19
 Project No.: TBD
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	120	120	120	120	120	120	120	120	960
Reimbursements					(120)	(120)	(120)	(120)	(120)	(120)	(120)	(120)	(960)
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	0	0	0

DESCRIPTION:

Annual project to install wheelchair ramps at various locations Citywide.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

The project is one of several that will provide access for the disabled to streets and sidewalks and enhance neighborhood preservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Transportation Development Act 960

PROJECT MODIFICATIONS:

Added funding of \$120,000 each year from FY14-FY19 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



MEASURE B TAX (LOCAL TRANSPORTATION) - FUND 211

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
				FY09										
5154	Pavement Rehabilitation, Measure B - FY09 <i>Alameda County</i> <i>EBMUD</i>	2,200	7	2,193										
		100		100										
		100		100										
5159	Pavement Reconstruction FY08 - Douglas & Dove Way	618	99	519										
5161	Pavement Reconstruction FY07 - Amador Street, Tampa Avenue, & Andrea Street	796	790	6										
5165	Pavement Rehabilitation, Measure B - FY08	1,413	74	1,339										
5169	Pavement Reconstruction FY09 - Westview Way	430	0	430										
5171	Pavement Rehabilitation, Measure B - FY10	2,100	0	50	2,050									
5166	Speed Monitoring Devices	120	27	33	30	30								
TBD	Pavement Reconstruction FY11 - Lilac, Havana, Grove, Portsmouth, Rockford, and Sorenson	800	0	0	50	750								
TBD	Pavement Rehabilitation, Measure B - FY11 - Kelly, Klamath, Lilac, Orchard, Rockford, Skokie, Silva, Stonewall, and Thelma	700	0	0	100	600								
TBD	Pavement Reconstruction - FY12 - FY19	6,450	0	0	0	50	800	800	800	800	800	800	800	800
TBD	Pavement Rehabilitation, Measure B - FY12 - FY19	8,200	0	0	0	100	900	900	900	900	900	1,200	1,200	1,200
	TOTAL PROJECT COSTS			4,570	2,230	1,530	1,700	1,700	1,700	1,700	1,700	2,000	2,000	2,000
	TOTAL EXPENDITURES			4,570	2,230	1,530	1,700	1,700	1,700	1,700	1,700	2,000	2,000	2,000
	REVENUES:													
	Reauthorized Measure B			1,737	1,615	1,599	1,647	1,697	1,748	1,800	1,854	1,910	1,967	2,026
	Alameda County			100										
	EBMUD			100										
	Interest			18	5	4	4	6	9	12	18	20	18	19
	REVENUE SUBTOTAL:			1,955	1,620	1,603	1,651	1,703	1,757	1,812	1,872	1,930	1,985	2,045
	TRANSFERS IN FROM:													
	RDA (Fund 451) - For Douglas Pavement Reconstruction			377										
	TRANSFERS SUBTOTAL:			377	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			2,332	1,620	1,603	1,651	1,703	1,757	1,812	1,872	1,930	1,985	2,045
	BEGINNING FUND BALANCE:			3,020	782	172	246	197	199	256	368	540	469	454
	ENDING FUND BALANCE:			782	172	246	197	199	256	368	540	469	454	499

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation, Measure B - FY10

Project No.: 5171

Fund 211 - Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	50	2,050										2,100
Reimbursements													
Net Cost to Fund	0	50	2,050										2,100

STREET	STREET	DESCRIPTION:
1 Autumn Ct.	18 Lancaster Rd.	Annual street maintenance program involving structural repair, including spot repairs, slurry seal where appropriate, grinding existing asphalt and placing pavement-reinforcing fabric, where necessary, and construction of an asphalt concrete overlay on existing deteriorating pavement. The streets that are included in this project are listed to the left.
2 Belfast Lane	19 Leighton St.	
3 Blue Bonnet Pl.	20 Lewis Dr.	
4 Catalpa Way	21 Malibu Rd.	
5 Citron Way	22 McBride Ln.	
6 Citron Way	23 Medinah Ct.	Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.
7 Clinton Ct.	24 Montana Way	
8 Colette Pl.	25 Pacheco Way	JUSTIFICATION: The selection of streets for rehabilitation is based on staff's analysis of the pavement condition indices identified through the City's computerized Pavement Management Program.
9 Cornell Ave.	26 Palatka Ln.	
10 Culp Ave.	27 Pinewood Ct.	
11 Dean St.	28 Pinewood Dr.	
12 E St.	29 Raymond Dr.	
13 Evelyn Ln.	30 Siskiyou Ct.	
14 Farmhill Dr.	31 Sonoma St.	
15 Florida St.	32 Stryker St.	
16 Kay Ave.	33 Traynor St.	
17 Lakewood Way	34 Wright Dr.	

REIMBURSEMENTS:

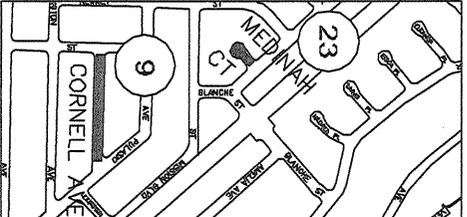
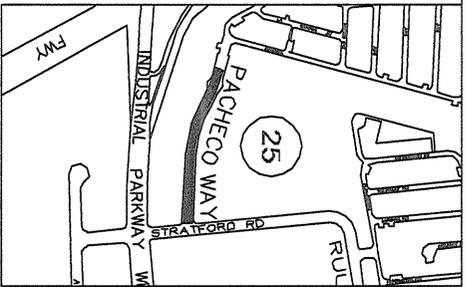
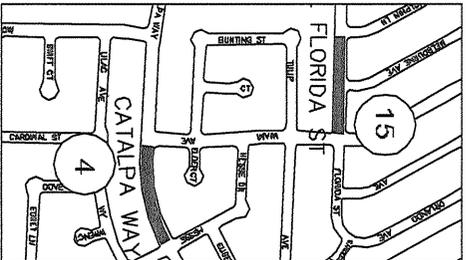
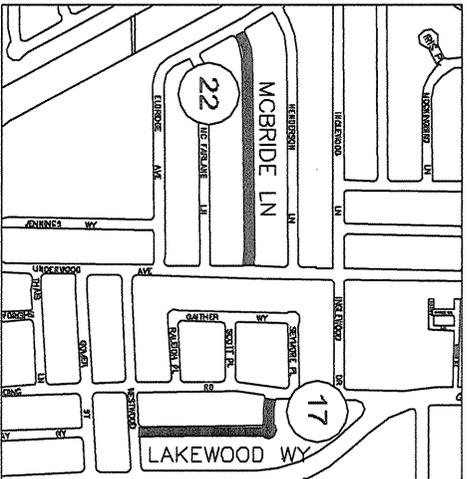
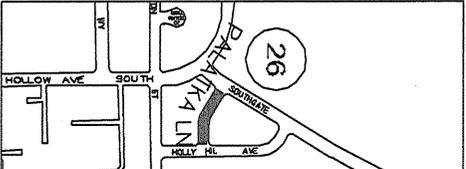
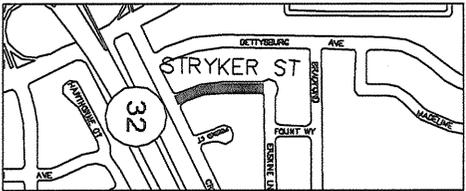
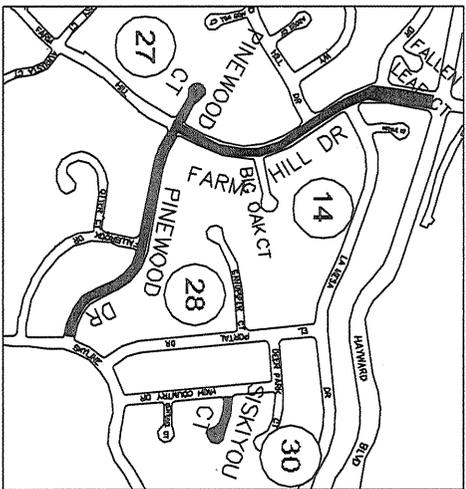
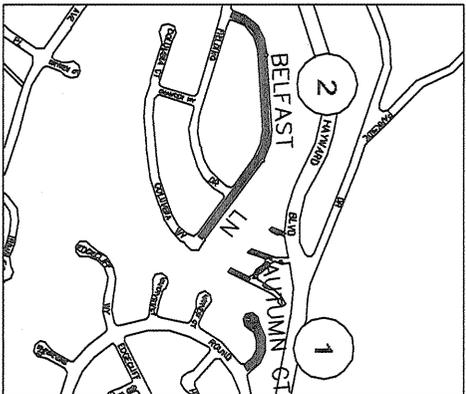
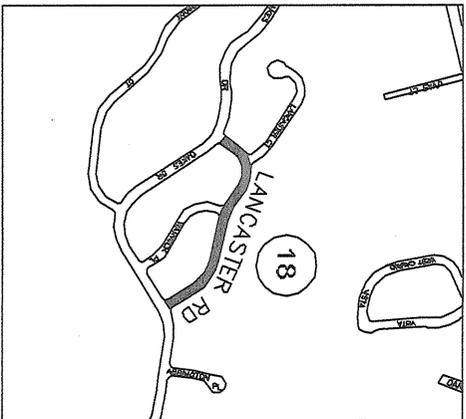
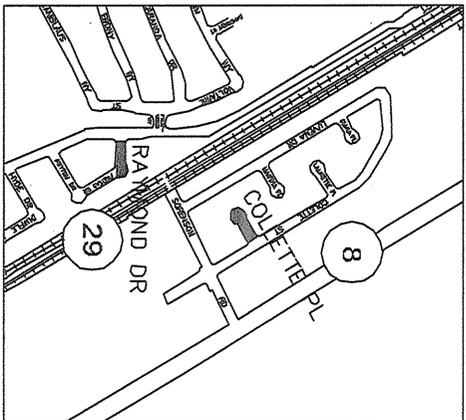
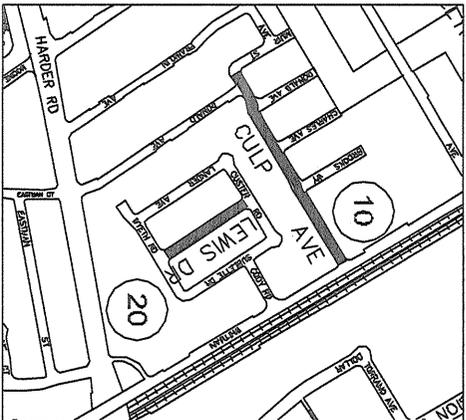
PROJECT MODIFICATIONS:

Decreased funding by \$100,000 due to revised scope of project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.





211 - 5171
PAVEMENT REHABILITATION, MEASURE B - FY10
PAGE 2 OF 2

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: Speed Monitoring Devices
 Project No.: 5166
 Fund 211 - Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	27	33	30	30									120
Reimbursements													
Net Cost to Fund	27	33	30	30									120

DESCRIPTION:

Several solar-powered speed monitoring devices will be placed at high-priority locations along thoroughfares throughout the City.

JUSTIFICATION:

Speed monitoring devices will remind motorists of their speed and will assist with pedestrian safety near highly traveled streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$60,000 to the project in order to install several more solar-powered speed monitoring devices at high-priority locations during FY10 and FY11.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY11 - Lilac, Havana, Grove, Portsmouth, Rockford, Sorenson

Project No.: To Be Determined

Fund 211 - Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	50	750									800
Reimbursements													
Net Cost to Fund	0	0	50	750									800

DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards. This project will focus on portions of Lilac, Havana, Grove, Portsmouth, Rockford, and Sorenson.

Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

REFER TO MAP ON NEXT PAGE

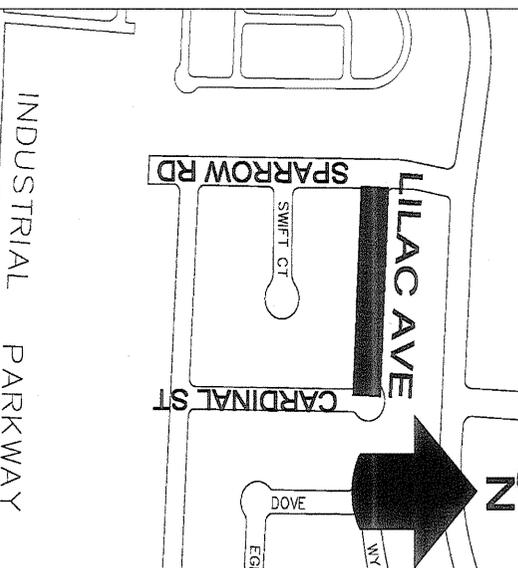
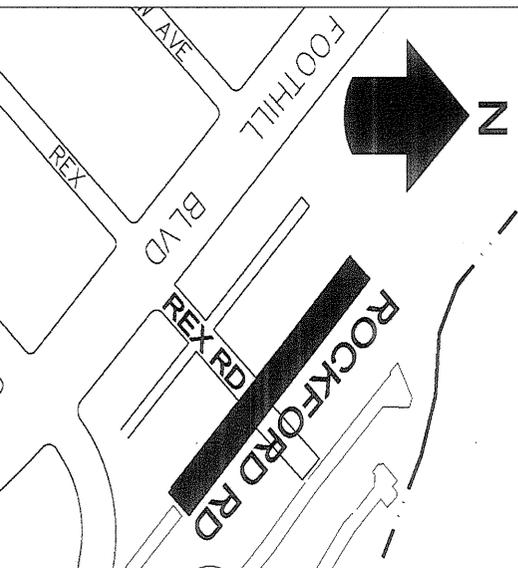
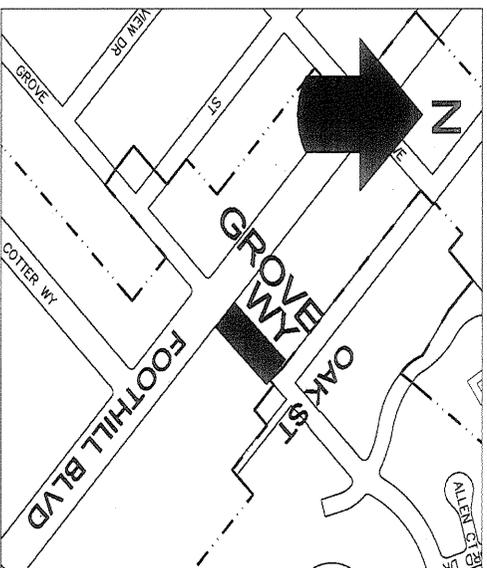
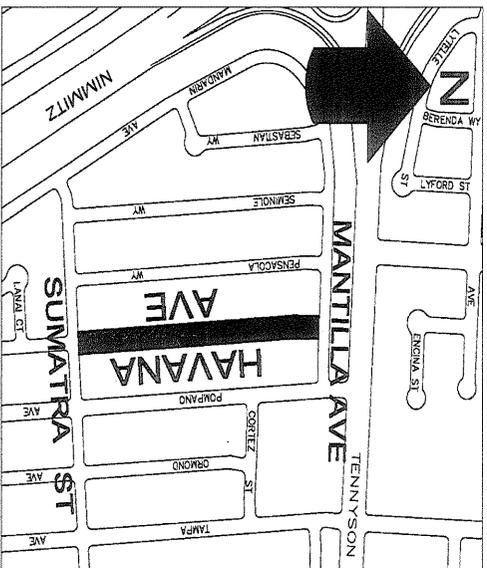
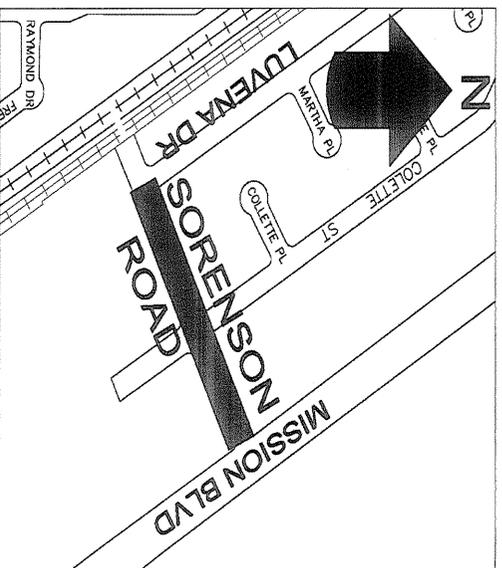
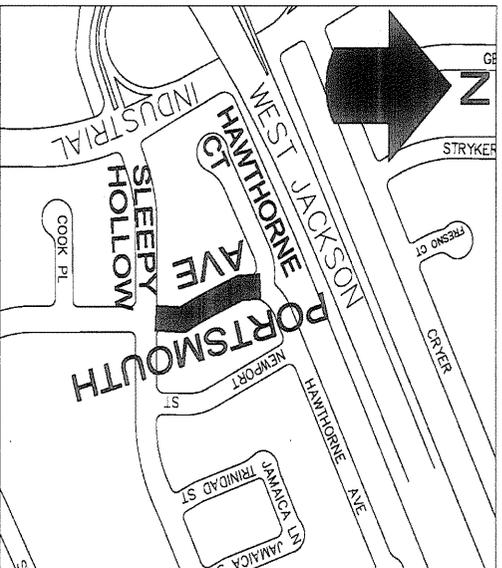
REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.





211 - TBD
PAVEMENT RECONSTRUCTION, MEASURE B - FY11

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehab, Measure B - Kelly, Klamath, Lilac, Orchard, Rockford, Skokie, Silva, Stonewall, & Thelma

Project No.: To Be Determined

Fund 211 - Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	100	600									700
Reimbursements													
Net Cost to Fund	0	0	100	600									700

STREET

- 1 Kelly St
- 2 Klamath Ct
- 3 Lilac Ave
- 4 Orchard Ave
- 5 Rockford Rd
- 6 Skokie Ln
- 7 Silva Ave
- 8 Stonewall Ave
- 9 Thelma St

DESCRIPTION:

Annual street maintenance program involving structural repair, including spot repairs, slurry seal where appropriate, grinding existing asphalt and placing pavement-reinforcing fabric, where necessary, and construction of an asphalt concrete overlay on existing deteriorating pavement. The streets that are included in this project are listed to the left.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

The selection of streets for rehabilitation is based on staff's analysis of the pavement condition indices identified through the City's computerized Pavement Management Program.

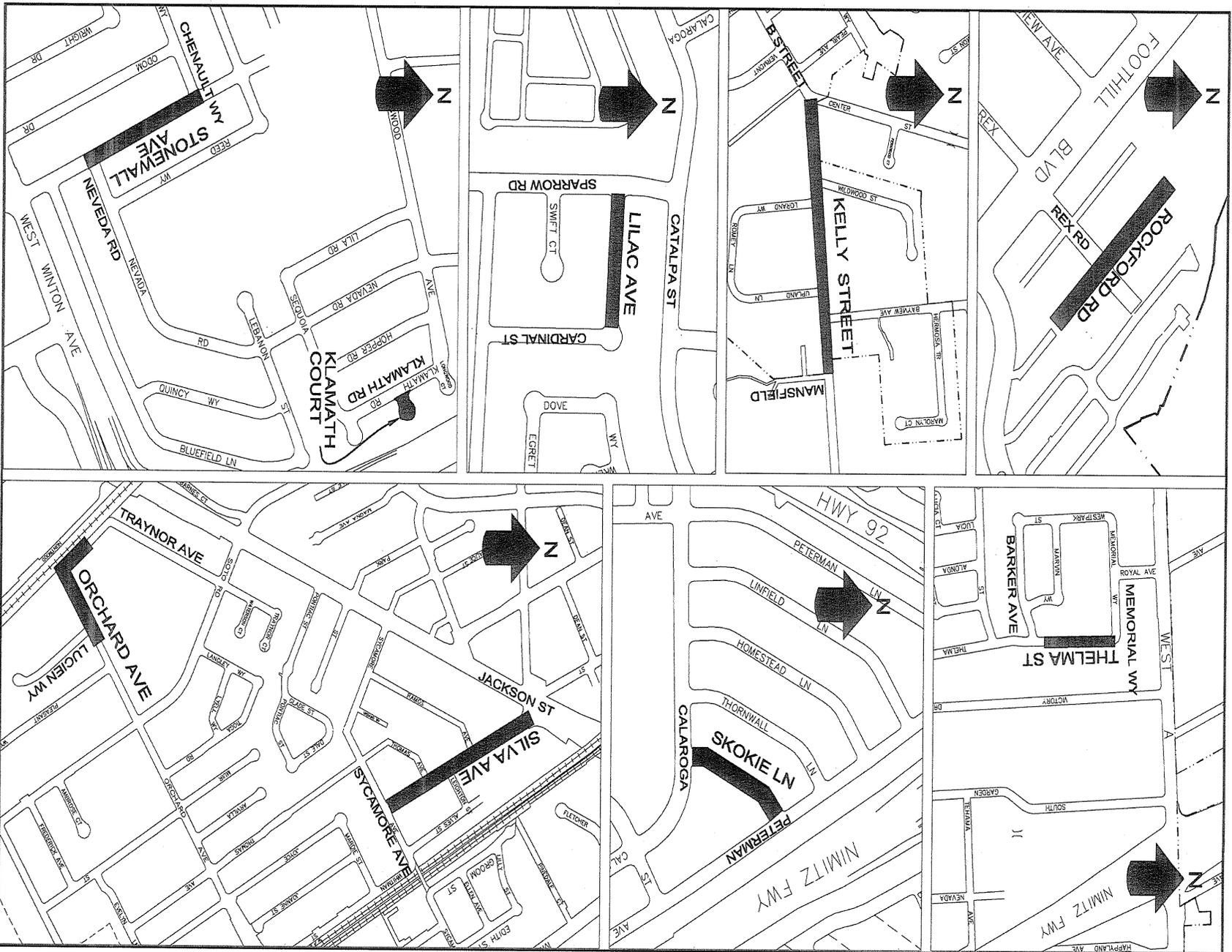
REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.





211 - TBD
 PAVEMENT REHABILITATION, MEASURE B - FY11

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY12-FY19

Project No.: To Be Determined

Fund 211 - Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	50	800	800	800	800	800	800	800	800	6,450
Reimbursements													
Net Cost to Fund	0	0	0	50	800	800	800	800	800	800	800	800	6,450

DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards.

Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$800,000 each fiscal year from FY14-FY19 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation, Measure B - FY12-FY19

Project No.: To Be Determined

Fund 211 - Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	100	900	900	900	900	900	1,200	1,200	1,200	8,200
Reimbursements													
Net Cost to Fund	0	0	0	100	900	900	900	900	900	1,200	1,200	1,200	8,200

DESCRIPTION:

Annual street maintenance program involving structural repair, including spot repairs, slurry seal where appropriate, grinding existing asphalt and placing pavement-reinforcing fabric, where necessary, and construction of an asphalt concrete overlay on existing deteriorating pavement.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

An ongoing program of overlays throughout the City, as necessary, to maintain and extend the service life of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$900,000 each year from FY14 through FY16, with an increase to \$1,200,000 per year from FY17 through FY19, to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

MEASURE B TAX (PEDESTRIAN AND BICYCLE) - FUND 212

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
5151	Pleasant Way & Berry Avenue Sidewalk Improvements <i>Deferred Street Improvement Agreements</i>	686 20	677 20	9										
5173	New Sidewalks: Berry Ave. - Soto to Whitman <i>Safe Routes to Schools</i>	590 531	0	590 531										
5175	Pedestrian Traffic Signal Improvements (countdown heads, audible ped signals, improved push buttons, etc.)	286	136	10	10	10	15	15	15	15	15	15	15	15
TBD	New Sidewalks: D St., Cypress St. and Western Blvd.	600	0	0	600									
TBD	New Sidewalks: Bellina Street	400	0	0	0	400								
TBD	New Sidewalks: Franklin Ave., Harder Rd., Phillips Way, and Huntwood/Sandoval	700	0	0	0	0	100	600						
TBD	New Sidewalks FY14 - FY19	2,300	0	0	0	0	0	0	100	400	400	400	500	500
	TOTAL PROJECT COSTS			609	610	410	115	615	115	415	415	415	515	515
	TOTAL EXPENDITURES			609	610	410	115	615	115	415	415	415	515	515
	REVENUES:													
	Interest			2	2	1	3	4	6	11	10	10	9	6
	Reimbursements			531										
	Reauthorized Measure B			372	346	342	352	363	374	385	397	409	421	433
	Deferred Street Improvement Agreements			5										
	REVENUE SUBTOTAL:			910	348	343	355	367	380	396	407	419	430	439
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			910	348	343	355	367	380	396	407	419	430	439
	BEGINNING FUND BALANCE:			60	361	98	32	272	24	289	270	262	265	180
	ENDING FUND BALANCE:			361	98	32	272	24	289	270	262	265	180	105

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Pedestrian Traffic Signal Improvements
 Project No.: 5175
 Fund 212 - Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	10	10	10	15	15	15	15	15	15	15	15	150
Reimbursements													
Net Cost to Fund	N/A	10	10	10	15	15	15	15	15	15	15	15	150

DESCRIPTION:

Project continues program to provide countdown pedestrian signals, audible traffic signals, and improved pedestrian push buttons at all City traffic signals.

JUSTIFICATION:

These pedestrian signal improvements are part of a program to improve pedestrian safety throughout the City.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$15,000 per year from FY14-FY19 in order to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



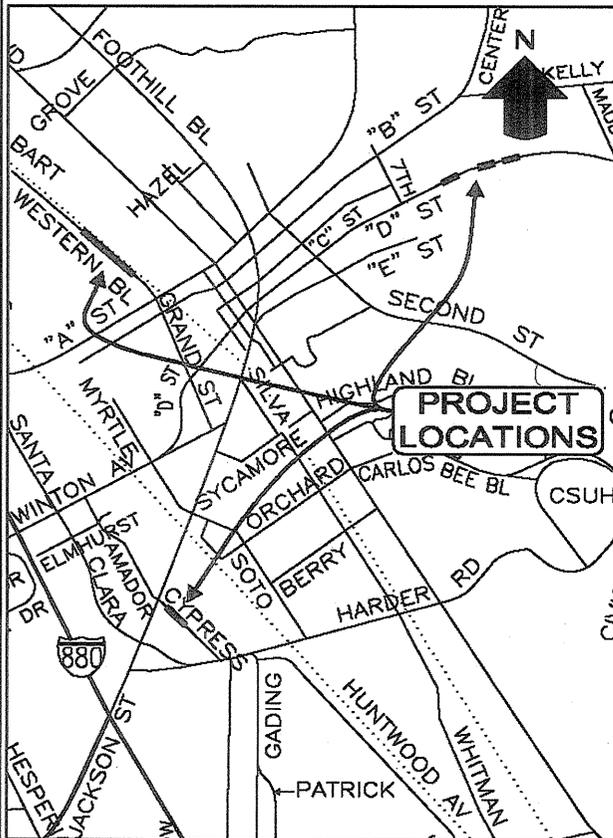
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks: D Street, Cypress Street, and Western Boulevard
 Project No.: To Be Determined
 Fund 212 - Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	600										600
Reimbursements													
Net Cost to Fund	0	0	600										600



DESCRIPTION:

Continuation of program to construct new sidewalks on critical pedestrian pathways, specifically those associated with schools and other heavy pedestrian use areas. This project constructs new curb, gutter, and sidewalk along portions of D Street, Cypress Street and Western Boulevard.

JUSTIFICATION:

There is a need for new sidewalk construction on critical pedestrian pathways. This project is made possible by a continued allocation of Measure B funds.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project decreased by \$13,000 due to more current design and construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

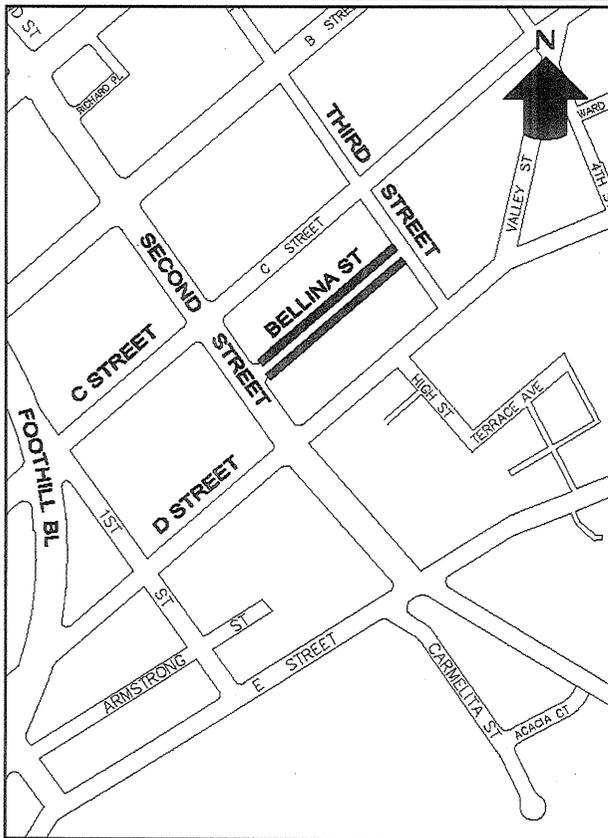
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks: Bellina Street
 Project No.: To Be Determined
 Fund 212 - Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

Continuation of program to construct new sidewalks on critical pedestrian pathways, specifically those associated with schools and other heavy pedestrian use areas. This project constructs new curb, gutter, and sidewalk along portions of Bellina Street.

JUSTIFICATION:

There is a need for new sidewalk construction on critical pedestrian pathways. This project is made possible by a continued allocation of Measure B funds.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project decreased by \$93,000 due to more current design and construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

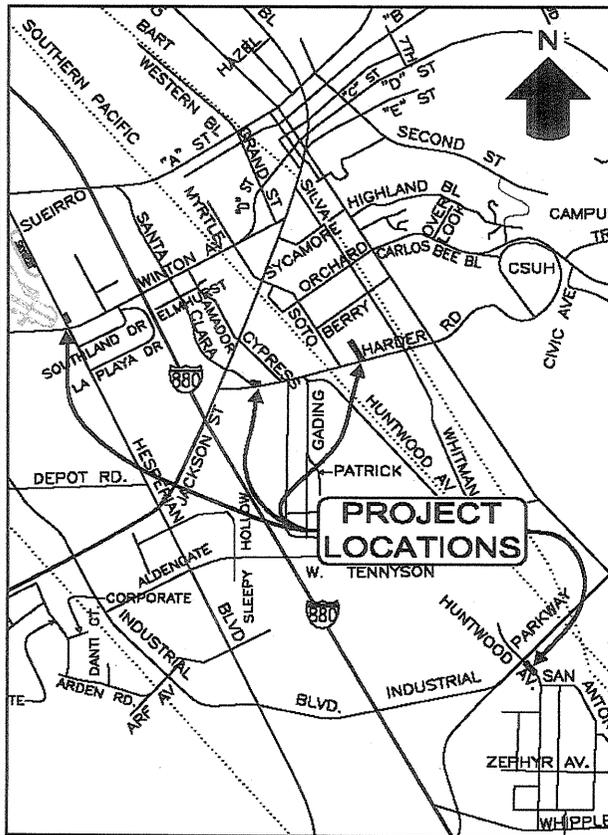
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks: Franklin, Harder, Phillips, and Huntwood/Sandoval
 Project No.: To Be Determined
 Fund 212 - Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	100	600							700
Reimbursements													
Net Cost to Fund	0	0	0	0	100	600							700



DESCRIPTION:

Continuation of program to construct new sidewalks on critical pedestrian pathways, specifically those associated with schools and other heavy pedestrian use areas. This project constructs new curb, gutter, and sidewalk along portions of Franklin Avenue, Harder Road, Phillips Way, and Huntwood Avenue/Sandoval Way.

JUSTIFICATION:

There is a need for new sidewalk construction on critical pedestrian pathways. This project is made possible by a continued allocation of Measure B funds.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project decreased by \$69,000 due to more current design and construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY14 - FY19
 Project No.: To Be Determined
 Fund 212 - Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	100	400	400	400	500	500	2,300
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	100	400	400	400	500	500	2,300

DESCRIPTION:

Project to improve pedestrian and bicycle facilities throughout the City. Improvements will include such items as lighted crosswalks, new or upgraded bike paths, and construction of sidewalks on critical pedestrian routes.

Each year, as funds are appropriated, the current portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Project will provide increased pedestrian and bicycle safety and greater accomodation for non-vehicular modes of travel. Project is a part of a Citywide effort to preserve and create livable neighborhoods.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT FUND - FUND 410

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
6915	Downtown Sidewalk & Streetscape Rehabilitation <i>RDA</i>	2,800 2,800	2,776 2,800	24										
6922	HVAC Replacement/Various Units	829	759	70										
6946	Conversion of Former Hose Tower at Fire Station No. 2 for SCBA Workshop	215	200	15										
6961	880/92 Reliever Route Project - Phase I - Preliminary Design and Environmental Review <i>ACTIA</i>	900 600	312 0	588 600										
6977	UST Remediation Study - Various Locations	90	8	82										
6987	Public Safety Radio Communication System	2,202	2,189	13										
6988	Automatic Transfer Switch - Police Department	190	11	179										
6989	Expand Document Imaging	100	97	3										
6995	Consolidated Citywide Network	1,335	1,318	17										
6998	Expand Web Site	100	77	23										
6951	City Gateways <i>RDA</i>	206 206	0 206	40	166									
6978	Foothill Gateway Landscape Plan <i>County Reimbursement</i> <i>RDA</i>	50 25 25	0 0 25	0	50 25									
6992	New Library - Programming/Design <i>Developer Donation</i>	1,000 1,127	61 1,127	50	889									
6968	Sealing Centennial Hall Parking Deck	161	22	1	0	138								
5102	Landscape Material/Street Tree Replacements	602	N/A	52	55	55	55	55	55	55	55	55	55	55
5160	Surplus Property Maintenance	110	N/A	10	10	10	10	10	10	10	10	10	10	10
6121	Property Taxes on Excess Right-of-Way	55	N/A	5	5	5	5	5	5	5	5	5	5	5
6907	Project Predesign Services	385	N/A	35	35	35	35	35	35	35	35	35	35	35
6938	Annual Median Tree & Shrub Replacement	555	N/A	55	50	50	50	50	50	50	50	50	50	50
6950	Neighborhood Improvement Project	600	0	100	50	50	50	50	50	50	50	50	50	50
	Transfer to Fund 721 (new ISF for Facilities)			322	403									
	Transfer to Fund 726 (new ISF for Tech Services)			350	300	100	100							

CAPITAL IMPROVEMENT FUND - FUND 410

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	TOTAL PROJECT COSTS			2,034	2,013	443	305	205	205	205	205	205	205	205
	TOTAL EXPENDITURES			2,034	2,013	443	305	205	205	205	205	205	205	205
	REVENUES:													
	Interest			12	21	9	7	7	9	11	13	15	18	20
	Construction Tax			100	100	100	150	200	200	250	250	250	250	250
	County Reimbursement				25									
	ACTIA			600										
	Surplus Land Sale - "A" and Burbank			610										
	Surplus Land Sale - Traynor					446								
	REVENUE SUBTOTAL:			1,322	146	555	157	207	209	261	263	265	268	270
	TRANSFERS IN FROM:													
	Fund 616 - for UST Remediation Study (Project 6977)				35									
	TRANSFERS SUBTOTAL:			0	35	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			1,322	181	555	157	207	209	261	263	265	268	270
	BEGINNING FUND BALANCE:			2,713	2,001	169	281	133	135	139	195	253	313	376
	ENDING FUND BALANCE:			2,001	169	281	133	135	139	195	253	313	376	441

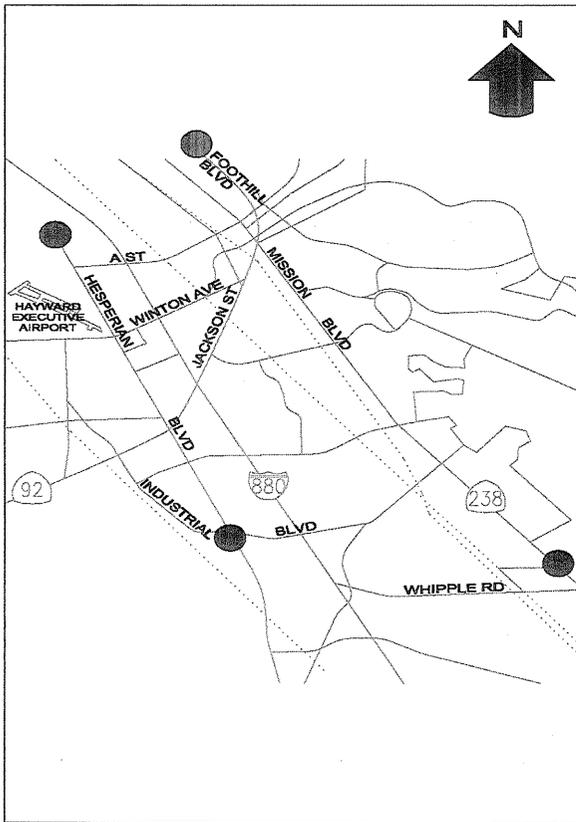
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: City Gateways
 Project No.: 6951
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	40	166										206
Reimbursements	(206)												(206)
Net Cost to Fund	(206)	40	166										0



DESCRIPTION:

Project includes four lighted monument signs announcing the entrance into Hayward - one at the north entrance on Foothill Boulevard, one at the south entrance on Mission Boulevard, and one at both the south and north entrances on Hesperian Boulevard.

JUSTIFICATION:

This project is recommended in the Redevelopment Area Specific Plan as well as Hayward Landscape Beautification Plan.

REIMBURSEMENTS:

Redevelopment Agency 206

PROJECT MODIFICATIONS:

Minor increase in landscape maintenance costs associated with the new gateway features.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

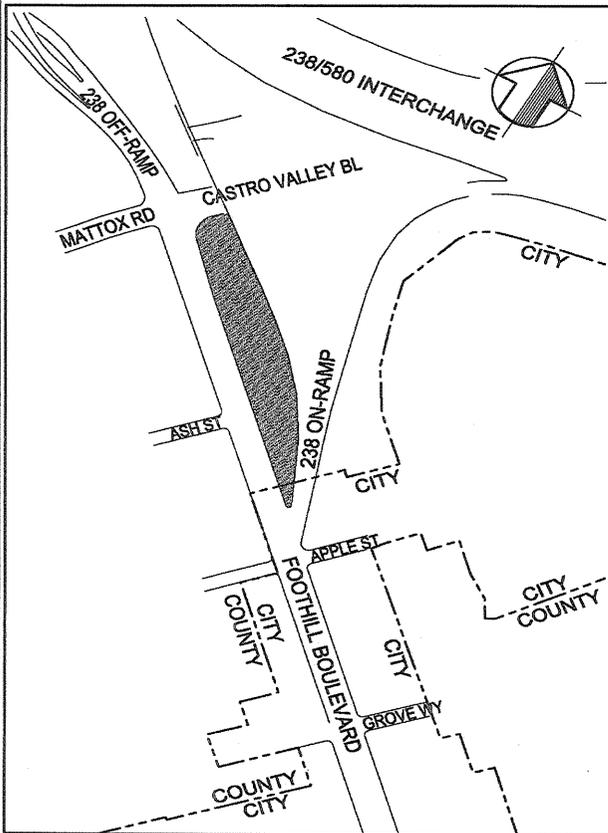
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Foothill Gateway Landscape Plan
 Project No.: 6978
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	50										50
Reimbursements	(25)		(25)										(50)
Net Cost to Fund	(25)	0	25										0



DESCRIPTION:

This project will develop a design for landscape improvements along Foothill Boulevard (near the I-580 off-ramps).

JUSTIFICATION:

These improvements will serve to create a more appropriate gateway to the City.

REIMBURSEMENTS:

Alameda County	25
Redevelopment Agency	25

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: New Library - Programming/Design
 Project No.: 6992
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	61	50	889										1,000
Reimbursements	(1,127)												(1,127)
Net Cost to Fund	(1,066)	50	889										(127)

DESCRIPTION:

This project will program and design a new main library for the City of Hayward.

JUSTIFICATION:

A newer library is needed as existing facilities are not of adequate size to accommodate the City's population; a new facility will also be able to provide a greater variety of programs and activities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Developer Donation 1,127

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

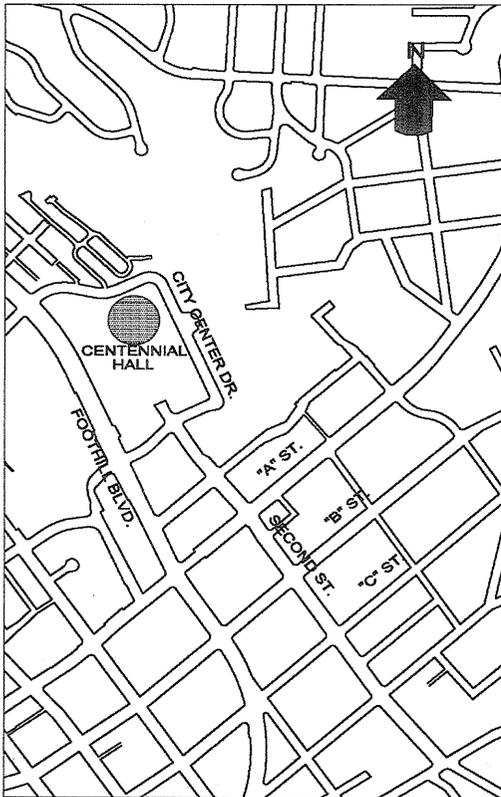
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Sealing Centennial Hall Parking Deck
 Project No.: 6968
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	22	1	0	138									161
Reimbursements													
Net Cost to Fund	22	1	0	138									161



DESCRIPTION:

This project will re-surface the parking deck membrane at Centennial Hall. The parking deck serves as the roof of the Safeway store.

JUSTIFICATION:

Periodic re-surfacing is necessary in order to maintain the integrity of the roof's water proofing.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Landscape Material/Street Tree Replacements
 Project No.: 5102
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	52	55	55	55	55	55	55	55	55	55	55	602
Reimbursements													
Net Cost to Fund	N/A	52	55	55	55	55	55	55	55	55	55	55	602

DESCRIPTION:

Continuing program to replace and plant trees in neighborhoods and along major thoroughfares where desirable and economically feasible.

JUSTIFICATION:

This project is part of an ongoing effort of Citywide landscape beautification.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$55,000 each year from FY14 through FY19 in order to continue program.

OPERATING BUDGET IMPACTS:

Minor increase in tree maintenance costs associated with expanding the City's Urban Forest.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Surplus Property Maintenance
 Project No.: 5160
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	10	10	10	10	10	10	10	10	10	10	10	110
Reimbursements													
Net Cost to Fund	N/A	10	10	10	10	10	10	10	10	10	10	10	110

DESCRIPTION:

Annual costs associated with administration of surplus property sales program including fencing and weed abatement on surplus properties.

JUSTIFICATION:

Properties that were purchased in conjunction with obtaining right-of-way may eventually become surplus and may be sold by the City. Funding is needed to cover cost of maintenance and annual weed abatement costs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$10,000 each year from FY14 through FY19 to continue the program.

OPERATING BUDGET IMPACTS:

Insures administrative costs of surplus property program are in the same fund where revenues are deposited.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Property Taxes on Excess Right-of-Way
 Project No.: 6121
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	5	5	5	5	5	5	5	5	5	5	5	55
Reimbursements													
Net Cost to Fund	N/A	5	5	5	5	5	5	5	5	5	5	5	55

DESCRIPTION:

Cost of annual property taxes paid on excess right-of-way located outside of the City limits.

JUSTIFICATION:

This project is necessary to pay property taxes.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$5,000 each year from FY14 through FY19 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Project Predesign Services
 Project No.: 6907
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	35	35	35	35	35	35	35	35	35	35	35	385
Reimbursements													
Net Cost to Fund	N/A	35	35	35	35	35	35	35	35	35	35	35	385

DESCRIPTION:

City engineering costs associated with predesign of building, landscape, and other miscellaneous projects, including preliminary survey, design, and cost estimates.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$35,000 added each year from FY14 through FY19 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Annual Median Tree & Shrub Replacement
 Project No.: 6938
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	55	50	50	50	50	50	50	50	50	50	50	555
Reimbursements													
Net Cost to Fund	N/A	55	50	50	50	50	50	50	50	50	50	50	555

DESCRIPTION:

Annual project to replace missing trees and shrubs and replace decorative bark mulch in the medians of arterials throughout the City.

JUSTIFICATION:

Replacement of plant material and mulch will improve the visual appearance of the medians and improve moisture retention and weed control.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 per year from FY14-FY19 to continue program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Neighborhood Improvement Project
 Project No.: 6950
 Fund 410 - Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	100	50	50	50	50	50	50	50	50	50	50	600
Reimbursements													
Net Cost to Fund	0	100	50	50	50	50	50	50	50	50	50	50	600

DESCRIPTION:

Annual project to improve various neighborhoods throughout the City and determine what improvements are needed and wanted by the neighborhood. Items to be considered include, but are not limited to, traffic calming devices and improved lighting.

JUSTIFICATION:

This project is part of an effort to improve the overall attractiveness and safety of neighborhoods throughout the City.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced funding from \$100,000 to \$50,000 per year from FY10-FY13; added funding of \$50,000 per year from FY14-FY19 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



STREET SYSTEM IMPROVEMENTS - FUND 413

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST												
				FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
5107	Bicycle Lane on C Street	27	0	27												
	<i>BAQMD</i>	23		23												
5152	New Sidewalk Construction FY07 & FY08 - Douglas Street	571	131	440												
5153	Sidewalk Rehabilitation FY07 - Districts 6 & 9	1,053	856	197												
	<i>Resident Participation</i>	82	50	32												
5156	Pavement Reconstruction FY06 - Berry Ave and Kay Ave	910	815	95												
5158	Hesperian Pavement Rehabilitation - Industrial Blvd to Sleepy Hollow Ave/A St - Hwy I-880 to Hathaway Ave	1,317	1,317													
	<i>STP</i>	843	843													
	<i>CMA TIP</i>	38		38												
5188	Industrial Blvd. Pavement Rehabilitation - Arf Avenue to W. Tennyson Road	463	35	428												
	<i>CMA TIP</i>	280		280												
5190	Sidewalk Rehabilitation FY08 - Districts 4 & 5	800	55	745												
	<i>Resident Participation</i>	82		82												
5191	Pavement Rehabilitation - Huntwood Avenue from Tennyson to Harris; Santa Clara Street from Jackson to Winton; and Whitman Street from Tennyson to Harder	1,020	422	598												
	<i>STP</i>	880	45	835												
5192	Second Street New Sidewalk Construction	956	211	745												
	<i>CMAQ</i>	337		337												
	<i>County Reimbursement</i>	215	215													
5198	Bicycle Facilities Installation	95	10	85												
	<i>TFCA</i>	95		95												
5101	Pavement Rehab - portions of Industrial from 880 to 92	900	0	60	840											
5105	Carlos Bee Realignment	1,100	0	74	1,026											
	<i>HSIP</i>	725		725												
5118	Sidewalk Rehabilitation FY09 - Districts 7 & 10	900	0	900												
	<i>Resident Participation</i>	120		120												
5143	Mount Eden Annexation Improvements, Phase II	7,400	0	500	6,900											
	<i>Developer Financing</i>	3,600		3,600												
	<i>County</i>	1,900		1,900												
5144	Pavement Reconstruction - Eden Landing Road, Lincoln Avenue and San Luis Obispo Avenue	1,260	0	100	1,160											
5193	Median Landscaping Improvement Project	3,860	0	30	590	360	360	360	360	360	360	360	360	360	360	360
5197	880/92 Reliever Route Project - Phase I - Design, Right-of-Way and Construction	24,200	0	0	1,325	2,200	2,600	10,100	7,975							
	<i>ACTIA</i>	24,200		1,325	2,200	2,600	10,100	7,975								

STREET SYSTEM IMPROVEMENTS - FUND 413

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
				FY09										
NEW	Stimulus Pavement Rehabilitation Project - Clawiter, Huntwood, D, and Cypress <i>Federal Stimulus</i>	2,825 2,037	0	2,825 2,037										
NEW	Pavement Rehabilitation - Slurry Seal - Districts 17 & 21	500	0	50	450									
NEW	Sidewalk Repair - B Street from Grand to Martin Luther King Drive	400	0	0	400									
TBD	Sidewalk Rehabilitation FY10 - Districts 1 & 8 <i>Resident Participation</i>	900 120	0	0	900 120									
TBD	Pavement Reconstruction FY11 - Bahama Avenue from Sleepy Hollow to West Tennyson	500	0	0	40	460								
TBD	Pavement Rehab - W. Winton from Southland to Santa Clara and Harder Rd. from Mission to Westview <i>STP</i>	1,002 880	0	0	62	940 880								
NEW	Project Predesign Services	500	0	0	50	50	50	50	50	50	50	50	50	50
TBD	Sidewalk Rehabilitation FY11 - Districts 2 & 3 <i>Resident Participation</i>	900 120	0	0	0	900 120								
TBD	Pavement Reconstruction FY12 - FY19	4,800	0	0	0	40	560	600	600	600	600	600	600	600
TBD	Sidewalk Rehabilitation FY12 - Districts 6 & 9 <i>Resident Participation</i>	900 120	0	0	0	0	900 120							
TBD	Sidewalk Rehabilitation FY13 - FY19 <i>Resident Participation</i>	6,300 840	0	0	0	0	0	900 120						
NEW	Pavement Rehabilitation - Slurry Seal - Locations TBD	3,000	0	0	0	0	0	0	500	500	500	500	500	500

STREET SYSTEM IMPROVEMENTS - FUND 413

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	TOTAL PROJECT COSTS			7,899	13,743	4,950	4,470	12,010	10,385	2,410	2,410	2,410	2,410	2,410
	TOTAL EXPENDITURES			7,899	13,743	4,950	4,470	12,010	10,385	2,410	2,410	2,410	2,410	2,410
	REVENUES:													
	Sidewalk Rehabilitation Reimbursement			114	240	120	120	120	120	120	120	120	120	120
	Interest Reimbursements			24	21	6	13	29	42	36	30	23	16	13
	TCRP - Prop 42			1,271		880								
	CMAQ HSIP			1,356	1,410	1,495	1,495	1,495	1,495	1,495	1,495	1,495	1,495	1,495
	Proposition 1B			337		725								
	ACTIA Developer - Mt. Eden Financing			2,198										
	County - Mt. Eden Contribution				1,325	2,200	2,600	10,100	7,975					
	County RDA Reimbursement for City's Contribution for Project 5143 (repayment term - 20 years)				3,600									
	Federal Stimulus			1,900										100
	Federal Stimulus			2,037										
	REVENUE SUBTOTAL:			7,337	9,221	4,701	4,228	11,744	9,632	1,651	1,645	1,638	1,631	1,728
	TRANSFERS IN FROM:													
	Fund 430 - (Rt. 238 Trust Fund)			500	600	600	600	600	600	600	600	600	600	808
	Fund 451 - for Douglas Street Sidewalk Construction			570										
	TRANSFERS SUBTOTAL:			1,070	600	600	600	600	600	600	600	600	600	808
	REVENUE TOTALS:			8,407	9,821	5,301	4,828	12,344	10,232	2,251	2,245	2,238	2,231	2,536
	BEGINNING FUND BALANCE:			3,522	4,030	108	459	817	1,151	998	839	674	502	323
	ENDING FUND BALANCE:			4,030	108	459	817	1,151	998	839	674	502	323	449

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation-Portions of Industrial from 880 to 92

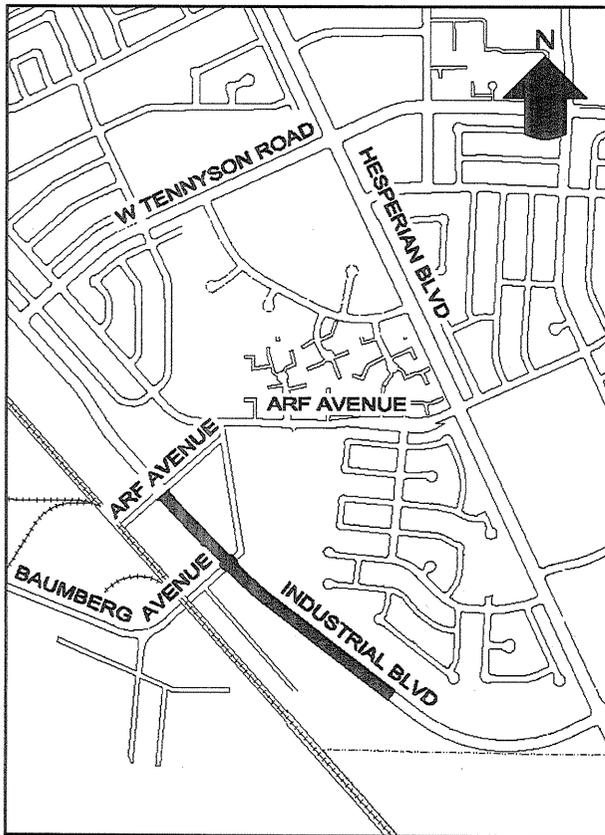
Project No.: 5101

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	60	840										900
Reimbursements													
Net Cost to Fund	0	60	840										900



DESCRIPTION:

Project consists of milling two inches of existing pavement, performing deep lift and asphalt concrete spot repairs and overlaying with two inches of asphalt concrete. The work will be completed along portions of Industrial Boulevard from Interstate 880 to State Route 92.

JUSTIFICATION:

Project will improve the condition of pavement on Industrial Boulevard between Interstate 880 and State Route 92, a heavily and frequently traveled thoroughfare, and will improve bicycle and vehicular conditions.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Carlos Bee Realignment

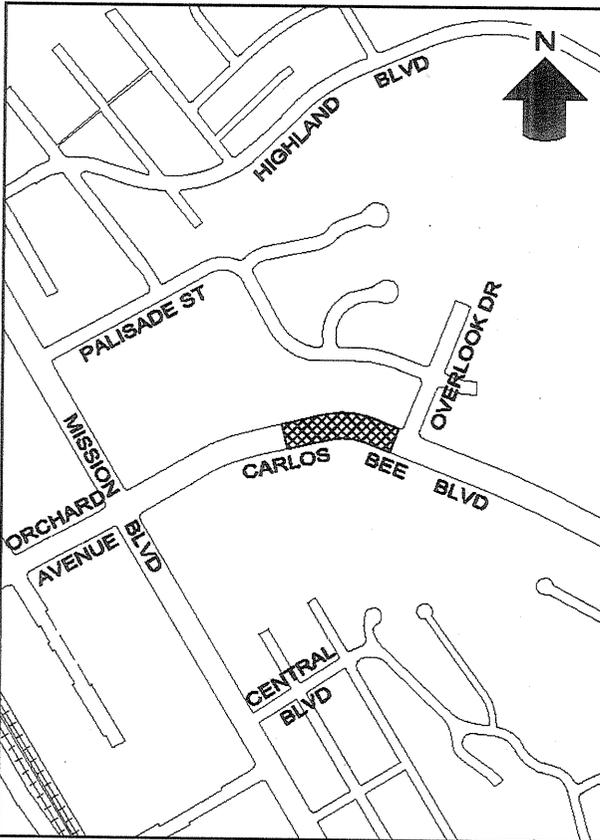
Project No.: 5105

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	74	1,026										1,100
Reimbursements			(725)										(725)
Net Cost to Fund	0	74	301										375



DESCRIPTION:

This project will improve the configuration of the curve on the portion of Carlos Bee Boulevard between Mission Boulevard and Overlook Drive.

JUSTIFICATION:

This section of Carlos Bee has been a major road hazard for motorists for many years due to the steep slope and sharp curve of this section in the street.

REIMBURSEMENTS:

Highway Safety Improvement Program 725

PROJECT MODIFICATIONS:

Added funding of \$295,000 due to revised construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Reconstruction - Eden Landing Road, Lincoln Avenue, and San Luis Obispo Avenue

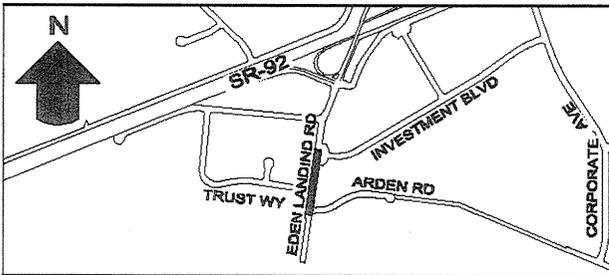
Project No.: 5144

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

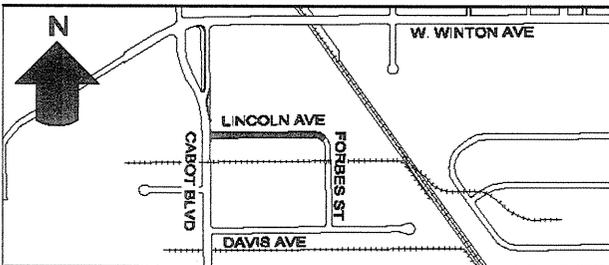
	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	100	1,160										1,260
Reimbursements													
Net Cost to Fund	0	100	1,160										1,260



DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets to bring them up to acceptable pavement standards. The streets that are part of this project are Eden Landing Road, Lincoln Avenue, and San Luis Obispo Avenue.

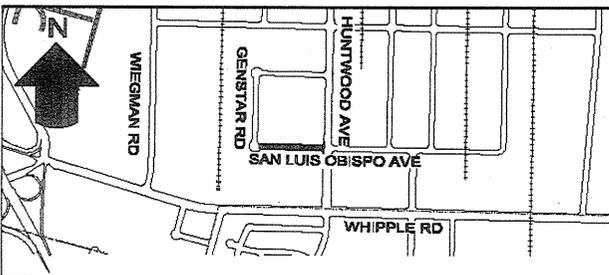
Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs.



JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired because of insufficient funding. This program was established to begin addressing these streets. Continuation of this program is made possible by the allocation of Proposition 42 funding.

REIMBURSEMENTS:



PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Median Landscaping Improvement Project
 Project No.: 5193
 Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	30	590	360	360	360	360	360	360	360	360	360	3,860
Reimbursements													
Net Cost to Fund	0	30	590	360	360	360	360	360	360	360	360	360	3,860

DESCRIPTION:

This project will install and/or upgrade landscaping in medians throughout the City.

JUSTIFICATION:

Replacement of plant material will improve the visual appearance of the medians and improve moisture retention and weed control. In addition, this project responds to both the City's initiative to be "clean and green" as well as recommendations from numerous neighborhood plans. Project is made possible by transfers from the Route 238 Trust Fund.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by \$100,000 per year from FY10-FY13; added funding of \$360,000 per year from FY14-FY19 to continue project.

OPERATING BUDGET IMPACTS:

Initial improvements will address deterioration that would otherwise increase maintenance costs. Maintaining improvements will require additional landscape maintenance effort.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: I-880/92 Reliever Route Project-Phase I: Design, Right-of-Way and Construction

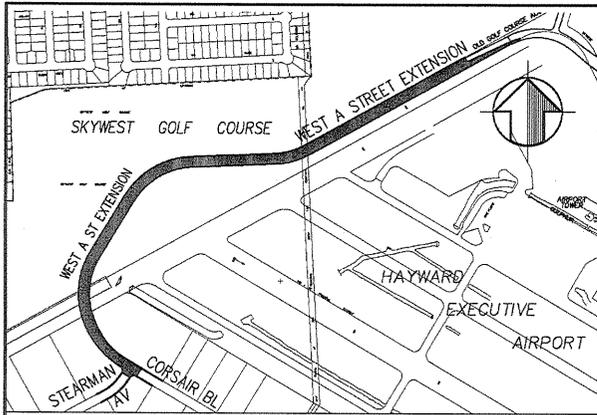
Project No.: 5197

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	1,325	2,200	2,600	10,100	7,975						24,200
Reimbursements			(1,325)	(2,200)	(2,600)	(10,100)	(7,975)						(24,200)
Net Cost to Fund	0	0	0	0	0	0							0



DESCRIPTION:

Phase I of the I-880/92 Reliever Route project consists of construction of the West "A" Street and Whitesell Street extensions. The project, which will cost approximately \$25 million and is anticipated to be completed by the end of FY14, is fully funded through the Alameda County Transportation Improvement Authority (ACTIA).

JUSTIFICATION:

All costs will be funded by ACTIA.

REIMBURSEMENTS:

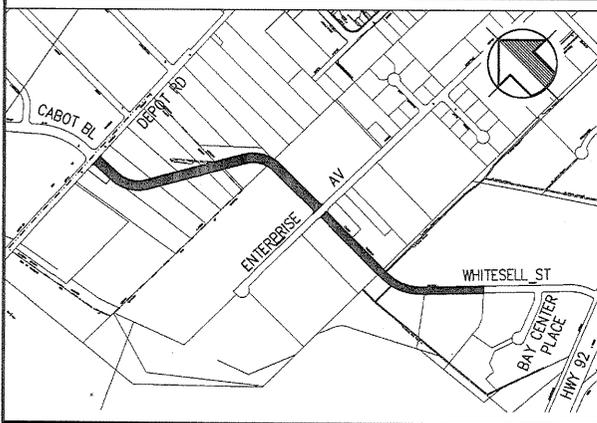
ACTIA

24,200

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Slurry Seal - Districts 17 & 21

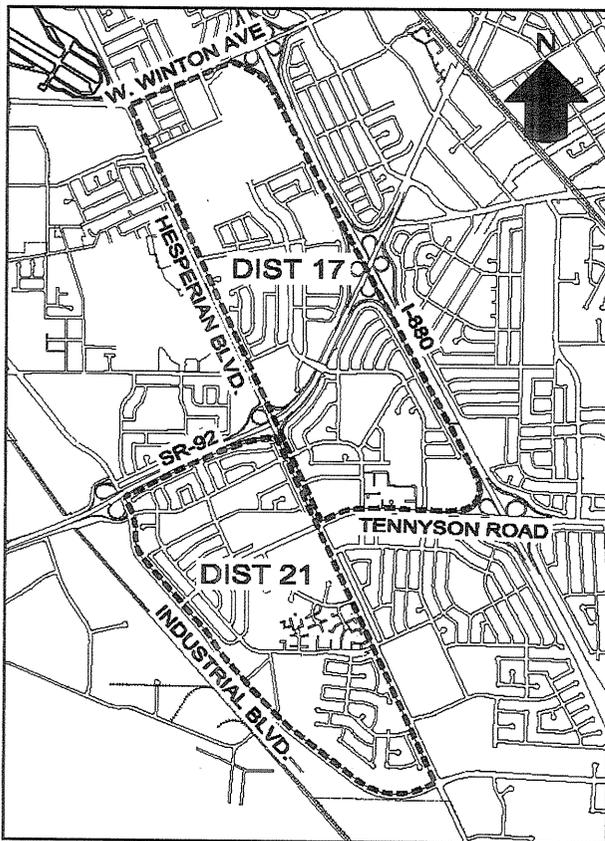
Project No.: New

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	50	450										500
Reimbursements													
Net Cost to Fund	0	50	450										500



DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year. The areas of the City that are part of this project are in Districts 17 and 21.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods

Project Title: Sidewalk Repair - B Street from Grand to Martin Luther King Drive

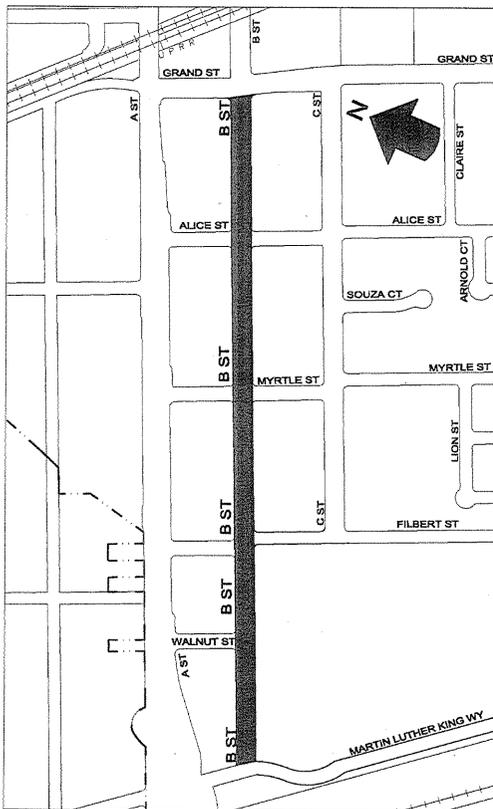
Project No.: New

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

Project will rehabilitate sidewalks, curbs, and gutters along B Street from Grand to Martin Luther King Drive.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

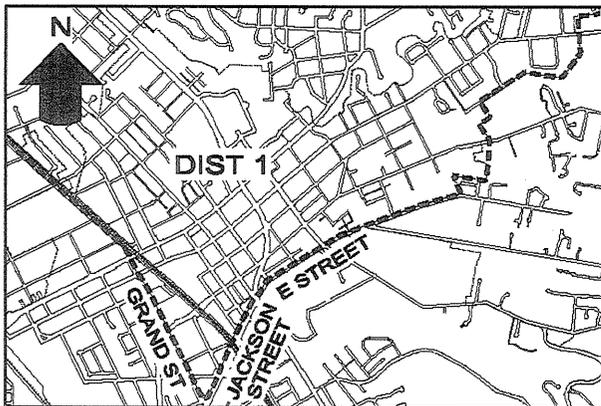
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Sidewalk Rehabilitation FY10 - Districts 1 & 8
 Project No.: To Be Determined
 Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	900										900
Reimbursements			(120)										(120)
Net Cost to Fund	0	0	780										780



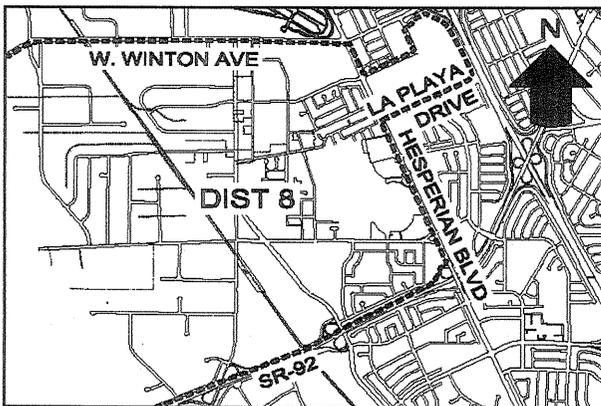
DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees. The areas of the City that are part of this project are in Districts 1 and 8.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is made possible by the allocation of Proposition 42 funds.



REIMBURSEMENTS:

Resident Participation 120

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
 HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY11 - Bahama Avenue from Sleepy Hollow to West Tennyson

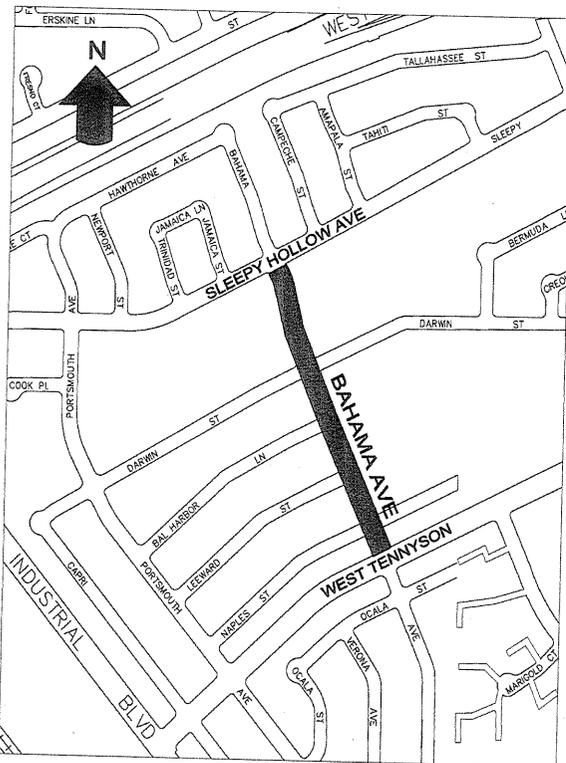
Project No.: To Be Determined

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	40	460									500
Reimbursements													
Net Cost to Fund	0	0	40	460									500



DESCRIPTION:

Annual street maintenance program involving reconstruction or major repair of severely deteriorated streets to bring them up to acceptable pavement standards. The street to be included as part of this project is Bahama Avenue from Sleepy Hollow to West Tennyson.

Each year, as funds are appropriated, the current portion of the program is segregated to more closely track costs.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired because of insufficient funding. This program will begin to address these streets. This program is made possible by the allocation of Proposition 42 funding.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehab - West Winton (from Southland to Santa Clara) and Harder (from Mission to Westview)

Project No.: To Be Determined

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	62	940									1,002
Reimbursements				(880)									(880)
Net Cost to Fund	0	0	62	60									122

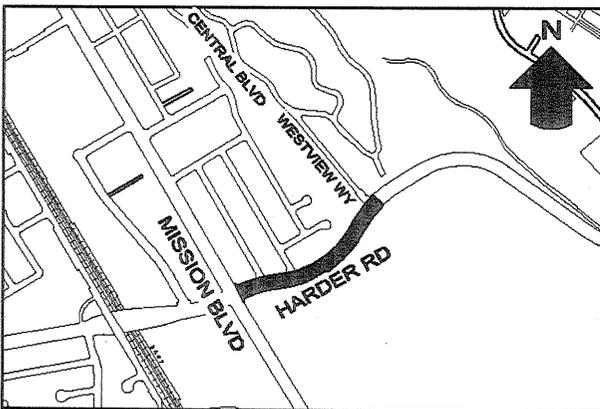


DESCRIPTION:

Federally funded project will improve the condition of pavement on West Winton between Southland and Santa Clara & Harder Road between Mission and Westview. The City is required to provide local match of 11.8 percent.

JUSTIFICATION:

This project will promote pedestrian and vehicular safety through these heavily and frequently traveled thoroughfares.



REIMBURSEMENTS:

Surface Transportation Program 880

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Project Predesign Services
 Project No.: New
 Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	50	50	50	50	50	50	50	50	50	50	500
Reimbursements													
Net Cost to Fund	0	0	50	50	50	50	50	50	50	50	50	50	500

DESCRIPTION:

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

Also includes engineering costs associated with overall administration of all capital projects.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



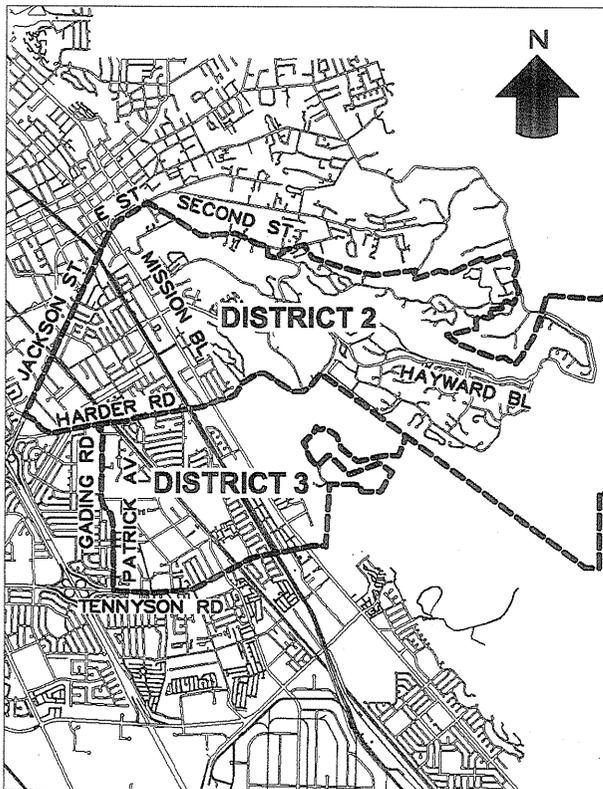
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Sidewalk Rehabilitation FY11 - Districts 2 & 3
 Project No.: To Be Determined
 Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	900									900
Reimbursements				(120)									(120)
Net Cost to Fund	0	0	0	780									780



DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees. The areas of the City that are part of this project are in Districts 2 and 3.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is made possible by the allocation of Proposition 42 funds.

REIMBURSEMENTS:

Resident Participation 120

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY12-FY19

Project No.: To Be Determined

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	40	560	600	600	600	600	600	600	600	4,800
Reimbursements													
Net Cost to Fund	0	0	0	40	560	600	600	600	600	600	600	600	4,800

DESCRIPTION:

Street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This program will begin to address these streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding to \$600,000 for FY12 & FY13; added funding of \$600,000 each year from FY14-FY19 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

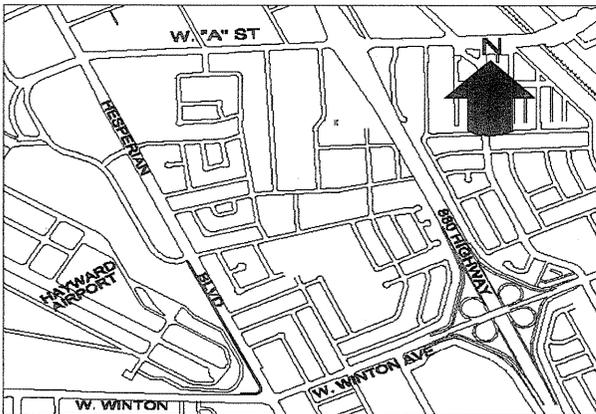
CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Sidewalk Rehabilitation FY12 - Districts 6 & 9
 Project No.: To Be Determined
 Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	900								900
Reimbursements					(120)								(120)
Net Cost to Fund	0	0	0	0	780								780



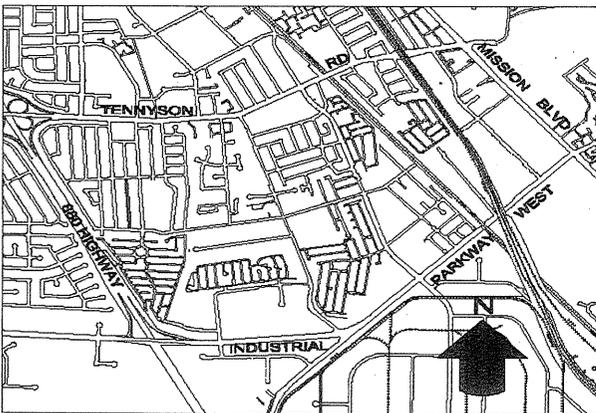
DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees. The areas of the City that are part of this project are in Districts 6 and 9.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is made possible by the allocation of Proposition 42 funds.



REIMBURSEMENTS:

Resident Participation 120

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Sidewalk Rehabilitation FY13-FY19
 Project No.: To Be Determined
 Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0		900	900	900	900	900	900	900	6,300
Reimbursements						(120)	(120)	(120)	(120)	(120)	(120)	(120)	(840)
Net Cost to Fund	0	0	0	0	0	780	780	780	780	780	780	780	5,460

DESCRIPTION:

Continuation of new program to rehabilitate sidewalks, curbs, and gutters in various sections of the City damaged by street trees.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program was made possible in prior years by the allocation of LAVWMA funds and currently by the allocation of Proposition 42 funds and transfers from the Route 238 Trust Fund.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Resident Participation

840

PROJECT MODIFICATIONS:

Added funding of \$900,000 each year from FY14-FY19 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Slurry Seal - Locations TBD

Project No.: New

Fund 413 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	500	500	500	500	500	500	3,000
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	500	500	500	500	500	500	3,000

DESCRIPTION:

Annual street maintenance project to dig out failed pavement areas, replace with deep-lift asphalt concrete, and place slurry seal over the entire asphalt pavement. Other streets throughout the City with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay. As part of a regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlays each year.

As funds are appropriated, the current year portion of the program is segregated to more easily track costs.

JUSTIFICATION:

Application of slurry seal along with spot repairs extends service life of existing pavement and defers the need for total reconstruction of streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

TRANSPORTATION SYSTEM IMPROVEMENT FUND - FUND 420

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
5756	Winton/Santa Clara Intersection Improvements	484	456	28										
5709	Traffic Control Devices Repair/Replacement	440	N/A	40	40	40	40	40	40	40	40	40	40	40
5734	Speed Hump Installation Program	565	N/A	65	50	50	50	50	50	50	50	50	50	50
5856	Controller Cabinet Replacement Program	330	N/A	30	30	30	30	30	30	30	30	30	30	30
5877	Transportation System Management Projects	550	N/A	50	50	50	50	50	50	50	50	50	50	50
5893	Quick Response Traffic Safety Projects	220	N/A	20	20	20	20	20	20	20	20	20	20	20
NEW	Citywide Intersection Improvement Study	360	0	0	0	360								
TBD	Baumberg/Industrial Intersection Improvements	350	0	0	0	0	50	300						
TBD	Intersection Improvement Project - TBD	900	0	0	0	0	0	50	200	50	250	50	250	50
TOTAL PROJECT COSTS				233	190	550	240	540	390	240	440	240	440	240
TOTAL EXPENDITURES				233	190	550	240	540	390	240	440	240	440	240
OTHER REVENUES:														
Interest				5	4	5	4	5	2	4	4	5	5	6
REVENUE SUBTOTAL:				5	4	5	4	5	2	4	4	5	5	6
TRANSFERS IN FROM:														
Fund 100 (General Fund)				220	0	350	350	350	350	350	350	350	350	350
TRANSFERS SUBTOTAL:				220	0	350	350	350	350	350	350	350	350	350
REVENUE TOTALS:				225	4	355	354	355	352	354	354	355	355	356
BEGINNING FUND BALANCE:				536	528	342	147	261	76	38	152	66	181	96
ENDING FUND BALANCE:				528	342	147	261	76	38	152	66	181	96	212

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street Project Title: Traffic Control Devices Repair/Replacement
 Project No.: 5709
 Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	40	40	40	40	40	40	40	40	40	40	40	440
Reimbursements													
Net Cost to Fund	N/A	40	40	40	40	40	40	40	40	40	40	40	440

DESCRIPTION:

Annual program to repair and replace Citywide traffic control devices identified in inventory. These devices include signs, pavement markings, and signals.

JUSTIFICATION:

This project is a necessary component of a transportation system improvement program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$40,000 was added for each year from FY14 through FY19 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

If not funded in a capital project, this maintenance would be a direct cost to the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Livable Neighborhoods Project Title: Speed Hump Installation Program
 Project No.: 5734
 Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	65	50	50	50	50	50	50	50	50	50	50	565
Reimbursements													
Net Cost to Fund	N/A	65	50	50	50	50	50	50	50	50	50	50	565

DESCRIPTION:

Annual traffic calming project to install speed humps and raised intersections at various locations throughout the City. Locations will be determined by priority list. Raised intersection criteria will be developed next year for routes where speed humps are not appropriate.

JUSTIFICATION:

Program established by Council in response to citizen concerns about speeding on local residential streets.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 each year from FY14-FY19 to permit continuation of the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Controller Cabinet Replacement Program

Project No.: 5856

Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	30	30	30	30	30	30	30	30	30	30	30	330
Reimbursements													
Net Cost to Fund	N/A	30	30	30	30	30	30	30	30	30	30	30	330

DESCRIPTION:

Annual program to replace worn-out controllers at various intersections throughout the City.

JUSTIFICATION:

This maintenance program helps to ensure traffic signals are kept fully operational.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$30,000 was added for each year from FY14 through FY19 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street Project Title: Transportation System Management Projects
 Project No.: 5877
 Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

Continuation of annual project for implementation of various low-cost transportation system management projects (turn arrows, lane striping, signal modifications, pedestrian improvements, etc.).

JUSTIFICATION:

To increase traffic capacity at various City locations.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$50,000 was added for each year from FY14 through FY19 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

If not funded in a capital project, this maintenance would be a direct cost to the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street Project Title: Quick Response Traffic Safety Projects
 Project No.: 5893
 Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	20	20	20	20	20	20	20	20	20	20	20	220
Reimbursements													
Net Cost to Fund	N/A	20	20	20	20	20	20	20	20	20	20	20	220

DESCRIPTION:

Continuing program to study intersections with high accident rates throughout the City and implement corrective measures, such as right and left turn lanes and more effective signage.

JUSTIFICATION:

This program will improve pedestrian and vehicular traffic safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$20,000 was added for each year from FY14 through FY19 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street Project Title: Citywide Intersection Improvement Study
 Project No.: New
 Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	360									360
Reimbursements													
Net Cost to Fund	0	0	0	360									360

DESCRIPTION:

The City will engage the services of a consultant to review and create a prioritized list of intersections throughout the City that are in need of improvements due to safety or congestion concerns.

JUSTIFICATION:

Certain intersections within the City are in need of improvements in order to improve safety for pedestrians and/or motorists and reduce traffic delays.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Baumberg/Industrial Intersection Improvements

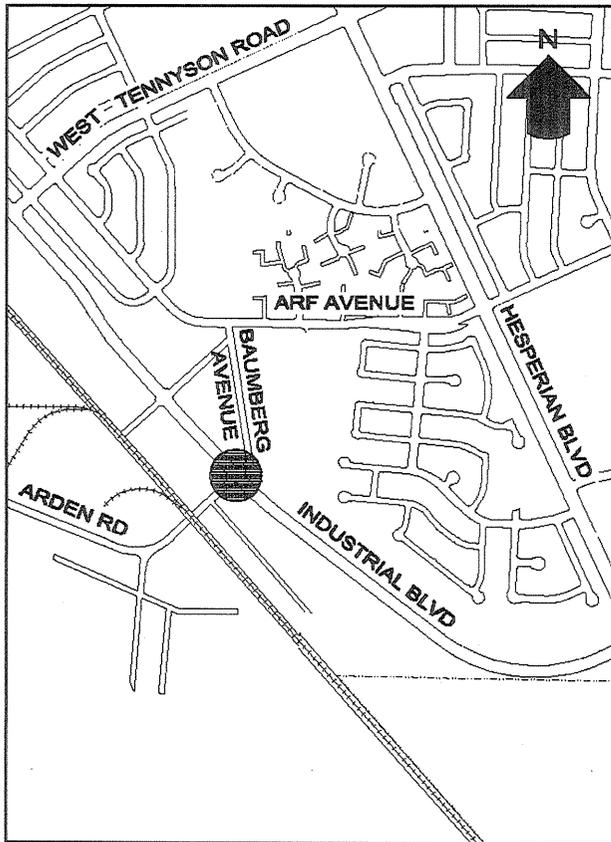
Project No.: To Be Determined

Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	50	300							350
Reimbursements													
Net Cost to Fund	0	0	0	0	50	300							350



DESCRIPTION:

An eastbound right-turn lane will be constructed at the intersection of Baumberg Avenue and Industrial Boulevard.

JUSTIFICATION:

This project would relieve congestion at this intersection, which is a key access point from Hayward's Industrial Area. Providing a separate right-turn lane would eliminate conflicts between vehicles intending to make an eastbound left or straight movement. This conflict currently causes backups at this intersection, which is further exacerbated by the railroad.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Intersection Improvement Project - TBD

Project No.: To Be Determined

Fund 420 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	50	200	50	250	50	250	50	900
Reimbursements													
Net Cost to Fund	0	0	0	0	0	50	200	50	250	50	250	50	900

DESCRIPTION:

Project to construct various intersection-related improvements, such as traffic signal modifications and lane improvements.

JUSTIFICATION:

This project will help address congestion and flow of traffic onto other arterials at intersections to be determined later.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of \$550,000 from FY13-FY19 to allow for improvements to future intersections.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street

Project Title: Route 238 Corridor Improvement Project: Design, Right-of- Way Acquisition and Construction

Project No.: 5117

Fund 430 - Route 238 Trust Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	1,580	36,739	13,000	39,180	19,446								109,945
Reimbursements		(36,600)	(13,000)	(39,680)	(19,235)								(108,515)
Net Cost to Fund	1,580	139	0	(500)	211								1,430

DESCRIPTION:

In general, this project will provide a one-way-loop street system in the downtown area and improvements to the Mission Boulevard/Carlos Bee Boulevard intersection.

JUSTIFICATION:

This project will address existing and projected 2025 congestion along the Route 238 Corridor.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

ACTA	78,500
LATIP	30,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Road and Street Project Title: Administration and Predesign
 Project No.: 5114
 Fund 430 - Route 238 Trust Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	60	60	60	60	60	60	60	60	60	60	60	660
Reimbursements													
Net Cost to Fund	0	60	60	60	60	60	60	60	60	60	60	60	660

DESCRIPTION:

Staff and lobbyist costs associated with the 238 Corridor Improvements and other transportation-related issues.

JUSTIFICATION:

Lobbyist services are occasionally needed in order to be made aware of legislative changes that may affect the City's ability to obtain funding for future transportation projects.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$60,000 was added for each year from FY14 through FY19 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



REDEVELOPMENT TAX ALLOCATION BONDS FUND - FUND 454

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
5088	Preparation of Grants for Potential Projects in PDA	70	0	70										
5089	Downtown Electrical Service Improvements	400	0	400										
5095	Cinema Place Parking Structure	7,235	7,111	124										
5097	Burbank School	34,884	30,588	4,296										
5098	Cannery Park Expansion	6,320	5,672	648										
5099	Cannery Area Public Improvement Project	5,750	4,846	904										
	TOTAL PROJECT COSTS			6,442										
	Transfer of Balance to Fund 451				3,441									
	TOTAL EXPENDITURES			6,442	3,441									
	REVENUES:													
	Interest		1,176	67										
	Park-in-Lieu Fee		1,300											
	REVENUE SUBTOTAL:			67										
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0										
	REVENUE TOTALS:			67										
	BEGINNING FUND BALANCE:			9,816	3,441	0	0	0	0	0	0	0	0	0
	ENDING FUND BALANCE:			3,441	0	0	0	0	0	0	0	0	0	0

SEWER CAPITAL IMPROVEMENT FUND - FUND 613

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7509	Recycled Water Feasibility Study and Facilities Plan <i>SWRCP Planning Grant</i>	210 75	61	149 75										
7512	Solar Panel Feasibility Study/Design for WPCF	300	0	300										
7517	Construction Management Services - Phase I	1,700	1,541	159										
7518	WPCF Improvements - Phase I	55,182	53,532	1,650										
7525	West Tennyson Sewer Improvements - Cascade Diverter	2,200	210	1,990										
7526	Sewer Maintenance Software	90	4	86										
7519	"A" Street and Yolo Street Easement Sewer Improvement	1,200	45	575	580									
7545	Water Pollution Control Facility Shrub Planting	61	11	20	20	10								
7523	Project Pre-design Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
7520	Sludge Handling Master Plan	50	0	0	50									
7515	Convert Gravity Thickener to New Primary Clarifier	2,430	0	0	400	2,030								
7641	Enclose Effluent Contact Channel	3,100	0	0	500	2,600								
NEW	Study of Impacts of Whitesell Extension on WPCF	20	0	0	20									
NEW	Wind Power Feasibility Study	100	0	0	100									
NEW	WPCF Master Plan Update	300	0	0	300									
NEW	West Winton Landfill Drainage Culvert Repair and Cap Placement Project	350	0	0	350									
NEW	Solar Power Design and Construction	8,000	0	0	8,000									
7528	WPCF Administration Building HVAC Renovation Project	200	0	0	0	200								
TBD	Wastewater Collection System Master Plan	300	0	0	0	300								
TBD	West Trickling Filter Biofilter	400	0	0	0	400								
NEW	WPCF Administration Building Renovation and Addition	1,000	0	0	0	1,000								
NEW	Recycled Water Treatment and Distribution Facilities	9,900	0	0	0	2,600	7,300							
NEW	WPCF Master Plan Update Improvement Projects	2,500	0	0	0	500	500	500	500	500				
TBD	2nd Engine & Grease Digestion Co-Generation System	2,000	0	0	0	0	0	2,000						
NEW	Storage Ponds Evaluation and Rehabilitation	4,500	0	0	0	0	0	500	4,000					
NEW	New Final Clarifier	7,900	0	0	0	0	0	0	0	0	0	0	7,900	
TOTAL PROJECT COSTS				4,944	10,335	9,655	7,815	3,015	4,515	515	15	15	7,915	15

SEWER CAPITAL IMPROVEMENT FUND - FUND 613

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	Utilities Maintenance Facility Debt Service (through year 2012)	1,821	1,391	86	86	86	86	86						
	Debt Service State Revolving Fund (50% of total DS for 20 years to 2028)			0	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
	Debt Service State Revolving Fund for WPCF Phase II Improvements (20 years to 2033)			0	0	0	0	270	270	270	270	270	270	270
	Debt Service State Revolving Fund for Recycled Water Project (20 years to 2034)			0	0	0	0	0	320	320	320	320	320	320
	Debt Service State Revolving Fund for Final Clarifier (20 years to 2039)			0	0	0	0	0	0	0	0	0	0	85
	TOTAL EXPENDITURES			5,030	11,771	11,091	9,251	4,721	6,455	2,455	1,955	1,955	9,855	2,040
	REVENUES:													
	Connection Fee			1,000	1,000	1,000	1,500	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	Interest			130	139	215	166	208	151	71	77	94	62	28
	LAVWMA Buy-In Fee			135	135	135	135	135	135	135	135	135	135	135
	SWRCP Planning Grant			75										
	Proceeds of Borrowing (\$45.5 million WPCF Improvement Project out of \$54.5 million total borrowing)		44,712	711										
	Project 7519 Developer Payment				700									
	PG&E Grant for Solar Project				1,600									
	Economic Stimulus Grant Funding for Solar Project				6,400									
	Proceeds of Borrowing (\$4.6 million WPCF Improvement Project Phase II Project out of \$5.4 million total borrowing)					4,600								
	SWRCB Construction Grant for Recycled Water Facilities (25% of construction cost)						1,800							
	Proceeds of Borrowing (\$5.4 million Recycled Water Project SRF out of \$6.4 million total borrowing)						5,400							
	Proceeds of Borrowing (\$1.5 million Final Clarifier SRF out of \$1.7 million total borrowing)												1,500	
	REVENUE SUBTOTAL:			2,051	9,974	5,950	9,001	2,343	2,286	2,206	2,212	2,229	3,697	2,163
	TRANSFERS IN FROM:													
	Redevelopment Agency \$2.35 Million Loan Repayment (through Fiscal Year 2011)	2,741	1,393	499	489	360								
	Water Improvement Fund 622 for 50% of Recycled Water								160	160	160	160	160	160
	WPCF Replacement Fund 616 for 50% of New Final Clarifier												3,950	
	TRANSFERS SUBTOTAL:			499	489	360	0	0	160	160	160	160	4,110	160
	REVENUE TOTALS:			2,550	10,463	6,310	9,001	2,343	2,446	2,366	2,372	2,389	7,807	2,323
	BEGINNING FUND BALANCE:			17,058	14,578	13,270	8,489	8,239	5,861	1,852	1,763	2,180	2,614	566
	ENDING FUND BALANCE:			14,578	13,270	8,489	8,239	5,861	1,852	1,763	2,180	2,614	566	849

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: "A" Street and Yolo Street Easement Sewer Improvement

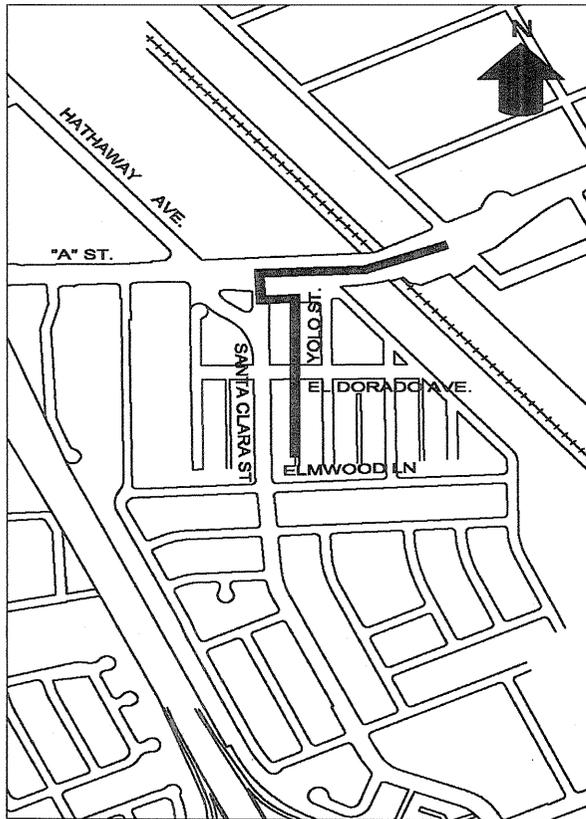
Project No.: 7519

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	45	575	580										1,200
Reimbursements			(700)										(700)
Net Cost to Fund	45	575	(120)										500



DESCRIPTION:

Project to replace existing sewer lines with a larger 24" line to improve hydraulic capacity and reliability under wet weather and peak dry-flow conditions.

JUSTIFICATION:

Project is recommended in the Wastewater Collection System Master Plan Update.

REIMBURSEMENTS:

Developer 700

PROJECT MODIFICATIONS:

Project increased by \$314,000 to reflect current construction costs.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

Project Title: Water Pollution Control Facility Shrub Planting

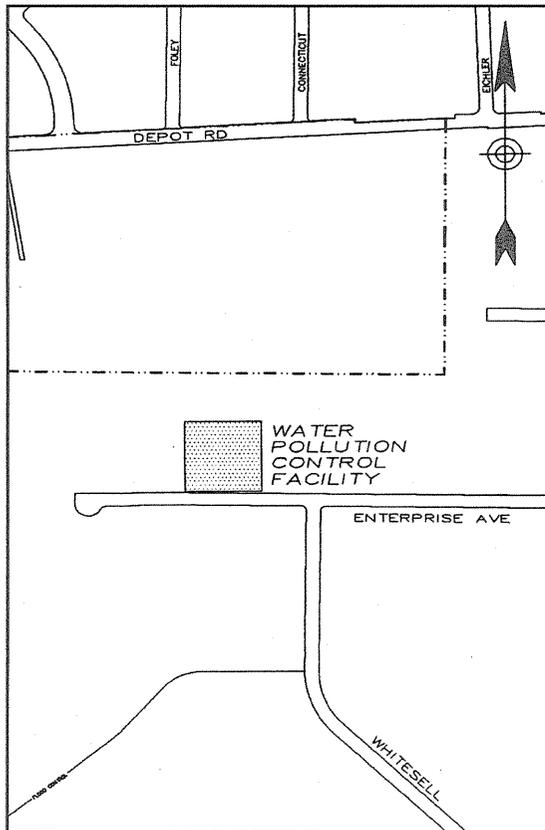
Project No.: 7545

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	11	20	20	10									61
Reimbursements													
Net Cost to Fund	11	20	20	10									61



DESCRIPTION:

Perimeter shrub planting at the Water Pollution Control Facility.

JUSTIFICATION:

Project to provide beautification and odor control at the facility.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$20,000 to project due to more current cost estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Project Predesign Services

Project No.: 7523

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Continued project by adding funding of \$15,000 each year from FY14 through FY19.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Sludge Handling Master Plan

Project No.: 7520

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

A master plan is needed in order to determine the need for additional drying beds, sludge curing field capacity, and future sludge disposal options.

JUSTIFICATION:

The generation of solids/sludge has increased significantly over the years. The sludge drying beds and curing field capacity are close to their limit.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Convert Gravity Thickener to New Primary Clarifier

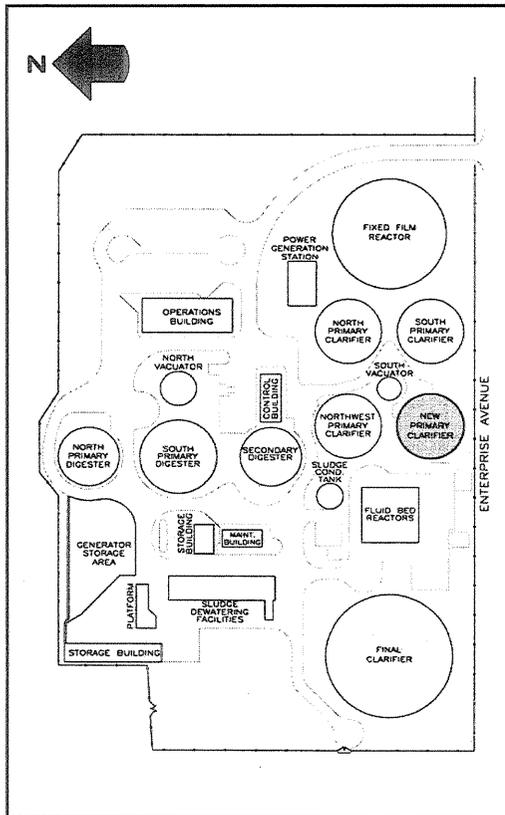
Project No.: 7515

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	400	2,030									2,430
Reimbursements													
Net Cost to Fund	0	0	400	2,030									2,430



DESCRIPTION:

Project to convert the existing gravity thickener into a fourth primary clarifier.

JUSTIFICATION:

Project recommended in the Water Pollution Control Facility Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Enclose Effluent Contact Channel

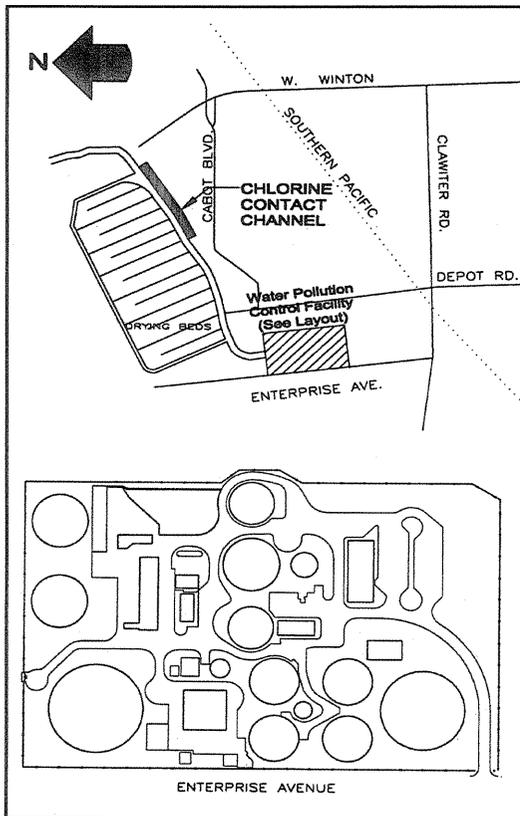
Project No.: 7641

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	500	2,600									3,100
Reimbursements													
Net Cost to Fund	0	0	500	2,600									3,100



DESCRIPTION:

Project to enclose the existing chlorine contact open channel from the hypochlorite station to the EBDA pump station.

JUSTIFICATION:

The open channel environment causes an increase in turbidity during storm events. This increase, at times, causes discharge requirements to be exceeded. In addition, project is recommended in the WPCF Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Study of Impacts of Whitesell Extension on WPCF

Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	20										20
Reimbursements													
Net Cost to Fund	0	0	20										20

DESCRIPTION:

This project will study the impacts of the Whitesell Extension on the ability of staff to access various portions of the treatment plant after the street is constructed.

JUSTIFICATION:

Since the Whitesell extension will bisect a portion of the WPCF, a study is needed in order to identify alternatives for plant staff to access various parts of the treatment process.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Wind Power Feasibility Study

Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

A feasibility study would look at the economics, environmental impacts, and available technology to determine if wind turbine power generation should be developed at the WPCF.

JUSTIFICATION:

Wind turbine power generation would allow the City to offset commercial power demands and/or sell electric power to PG&E.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: WPCF Master Plan Update

Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

The WPCF liquid and solids processes will be re-evaluated for efficiency and effective treatment capability. The last Master Plan was performed in 2000 and primarily evaluated the liquid process.

JUSTIFICATION:

A thorough review needs to be performed in order to assess the new process improvements as well as to look at future equipment needs and treatment process improvements.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: West Winton Landfill Drainage Culvert Repair and Cap Placement Project

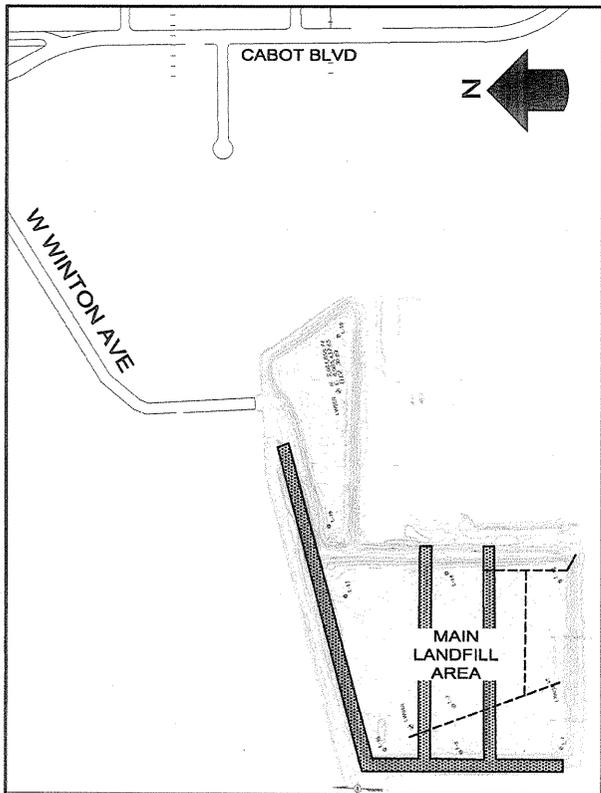
Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	350										350
Reimbursements													
Net Cost to Fund	0	0	350										350



DESCRIPTION:

This project will provide for consultant services to design and construct drainage culvert leveling and replacement on main landfill area. The project will also provide for design and construction of a protective cap in specified areas as required by the West Winton Landfill Waste Discharge Requirements.

JUSTIFICATION:

The Regional Water Board has identified issues of non-compliance of the West Winton Landfill Waste Discharge Requirements.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System Project Title: Solar Power Design and Construction
 Project No.: New
 Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	8,000										8,000
Reimbursements													
Net Cost to Fund	0	0	8,000										8,000

DESCRIPTION:

This project would implement recommendations from the Solar Panel Feasibility Study to construct solar panels at the Water Pollution Control Facility and is based on an assumed 1 MW capacity.

JUSTIFICATION:

The solar panels would offset commercial energy demands and/or allow the City to sell electric power to PG&E.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: WPCF Administration Building HVAC Renovation Project

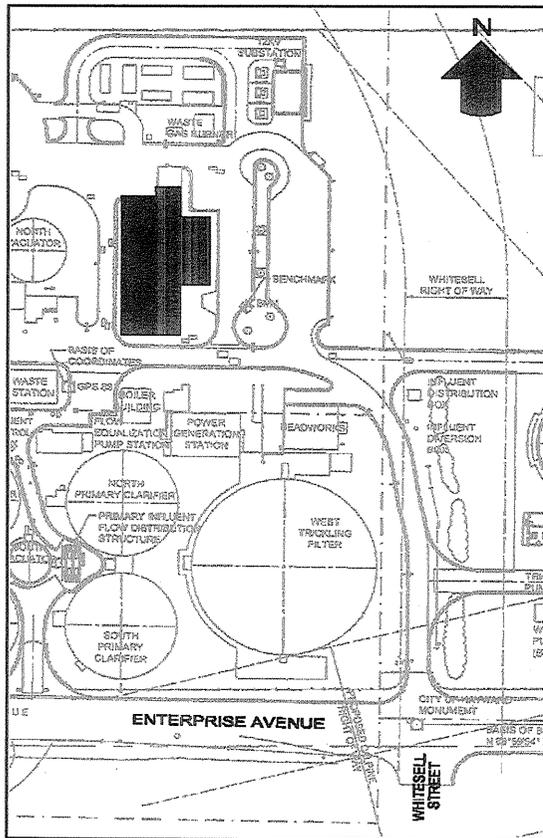
Project No.: 7528

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	200									200
Reimbursements													
Net Cost to Fund	0	0	0	200									200



DESCRIPTION:

This project will design and construct a new HVAC system at the WPCF Administration Building.

JUSTIFICATION:

The current HVAC system has had repeated failures and cannot be adequately controlled in the various areas of the building.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Wastewater Collection System Master Plan

Project No.: To Be Determined

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

This plan will update the Wastewater Collection System maps and hydraulic model.

JUSTIFICATION:

Updates to the Master Plan will reflect existing and planned improvements/additions to the collection system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: West Trickling Filter Biofilter

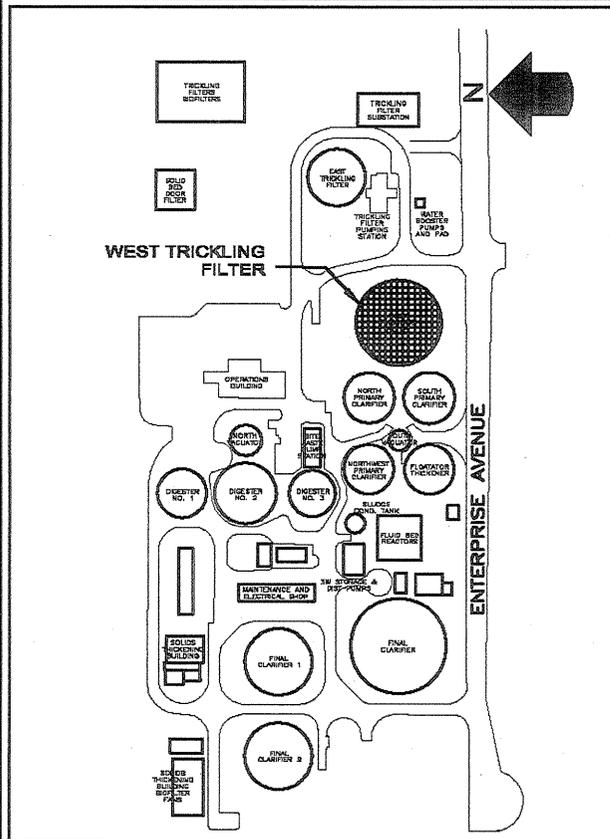
Project No.: To Be Determined

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

This project will improve the odor control plan for the existing Water Pollution Control Facility (WPCF) trickling filter and is to be completed as part of the WPCF Phase II improvements.

JUSTIFICATION:

The new odor control technology is more efficient and requires a smaller footprint than conventional soil bed biofilters. In addition, project is recommended in the WPCF Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: WPCF Administration Building Renovation and Addition

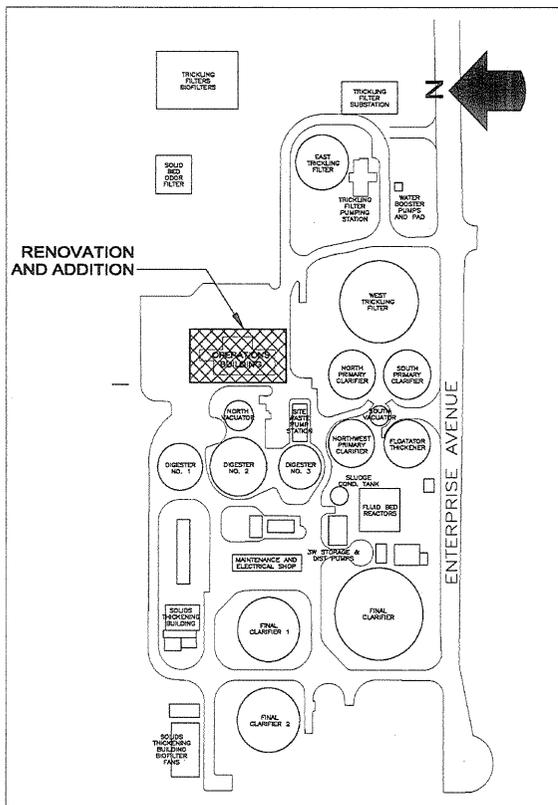
Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

The project will renovate and improve the administrative offices at the Water Pollution Control Facility.

JUSTIFICATION:

The renovations are needed in order to improve workplace efficiency.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Recycled Water Treatment and Distribution Facilities

Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	2,600	7,300								9,900
Reimbursements													
Net Cost to Fund	0	0	0	2,600	7,300								9,900

DESCRIPTION:

The City is preparing a Recycled Water Facilities Plan, which is expected to be completed by June 2009. Based on the results of this planning effort, funding is programmed for the City's cost share of a 4.5 million gallon per day (mgd) tertiary treatment facility, along with the full cost of a distribution system to deliver recycled water to customers within the proposed service area.

JUSTIFICATION:

The project would serve the Calpine Russell City Energy Center plus non-residential customers located within a two-mile radius of the facility. In addition, project is recommended in the Recycled Water Facilities Plan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: WPCF Master Plan Update Improvement Projects

Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

The last WPCF Master Plan was completed in 2000. This Master Plan Update will identify liquid and solids handling process improvements. Any improvements will be phased-in over a five-year time period.

JUSTIFICATION:

The improvements may include needed items, such as process piping modifications as well as energy and efficiency equipment replacements.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Second Engine & Grease Digestion Co-Generation System

Project No.: To Be Determined

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

This project will install a second co-generation engine and grease digestion system at the Treatment Plant.

JUSTIFICATION:

With the addition of this second system, more energy will be produced to power the Treatment Plant.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Storage Ponds Evaluation and Rehabilitation
 Project No.: New
 Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	500	4,000						4,500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	500	4,000						4,500

DESCRIPTION:

This project would evaluate potential uses for the existing oxidation ponds and implement recommendations.

JUSTIFICATION:

The existing oxidation ponds have been used since the early 1960s as part of the secondary treatment process. In the 1970s, the ponds were abandoned due to secondary process improvements. Future plans could include dredging the ponds for more capacity and installing a permanent water pumping system in order to remove water for disposal to the final effluent channel.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: New Final Clarifier

Project No.: New

Fund 613 - Sewer Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	7,900		7,900
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	7,900		7,900

DESCRIPTION:

This project would design and construct a third, final clarifier at a location to be determined within the WPCF.

JUSTIFICATION:

The existing WPCF Master Plan calls for two final clarifiers for Phases 1 and 2, and a third final clarifier in the future based on the needs and performance of the WPCF. This need is further delineated in Brown and Caldwell's Phase I Design Report.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



SEWER COLLECTION SYSTEM REPLACEMENT FUND - FUND 614

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7532	Sewer Main Relocations at 92/880 Interchange <i>Caltrans Reimbursement</i>	150 150	128 150	22										
7533	Annual Line Replacements FY08	300	75	225										
7536	Sewer Spot Repairs at Various Easement Areas	53	49	4										
7537	SCADA System Record and Programming Data Update	200	1	199										
7538	SCADA PLC/Radio Replacement	315	145	170										
7548	Candlewood Place and Nimitz Freeway Crossing Sanitary Sewer Improvements	778	22	756										
7549	Annual Line Replacements FY07	250	243	7										
7551	Upgrade of Tennyson Pump Station Motor Control Center	100	0	100										
7552	Rehabilitate Arden Road Gravity Box	200	0	200										
7550	Dixon Area Sewer Improvement Project	1,100	53	97	950									
7524	Project Predesign Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
7575	Miscellaneous Lift Station Equipment Replacement	1,100	N/A	100	100	100	100	100	100	100	100	100	100	100
7594	SCADA & Transducer Replacement	165	N/A	15	15	15	15	15	15	15	15	15	15	15
7531	Asset Management Plan	100	0	0	100									
7535	Annual Line Replacements FY09	616	0	0	616									
7546	Sunset Area Sewer Capacity Study	50	0	0	50									
NEW	Sanitary Sewer Overflow (SSO) Response Trailer	10	0	0	10									
NEW	Submersible Pump Replacement at Durham, Linden and Halifax Sewage Pump Stations	52	0	0	52									
TBD	Annual Line Replacements FY10	300	0	0	300									
TBD	Annual Line Replacements FY11	300	0	0	0	300								
7547	Sewer Replacement at Linden Street, Madrone Street, and Beech Street Easement Areas	300	0	0	0	40	260							
TBD	Annual Line Replacements FY12 - FY19	8,000	N/A	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
NEW	Sewer Collection System Master Plan	400	0	0	0	0	0	0	400					
NEW	Sewer Collection System Master Plan Recommendations	2,500	0	0	0	0	0	0	0	500	500	500	500	500
NEW	Valle Vista Submersible Pump Repl and Wet Well Rehab	400	0	0	0	0	0	0	0	0	0	400		
NEW	SCADA System Evaluation and Upgrade	300	0	0	0	0	0	0	0	0	0	0	300	

SEWER COLLECTION SYSTEM REPLACEMENT FUND - FUND 614

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	TOTAL PROJECT COSTS			1,910	2,208	470	1,390	1,130	1,530	1,630	1,630	2,030	1,930	1,630
	TOTAL EXPENDITURES			1,910	2,208	470	1,390	1,130	1,530	1,630	1,630	2,030	1,930	1,630
	REVENUES:													
	Interest			39	39	71	74	105	136	126	114	93	65	45
	REVENUE SUBTOTAL:			39	39	71	74	105	136	126	114	93	65	45
	TRANSFERS IN FROM:													
	Fund 611 (Sewer Revenue Fund)			1,000	1,000	1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200
	TRANSFERS SUBTOTAL:			1,000	1,000	1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200
	REVENUE TOTALS:			1,039	1,039	1,071	1,074	1,105	1,336	1,326	1,314	1,293	1,265	1,245
	BEGINNING FUND BALANCE:			5,333	4,462	3,293	3,894	3,578	3,553	3,359	3,055	2,739	2,002	1,337
	ENDING FUND BALANCE:			4,462	3,293	3,894	3,578	3,553	3,359	3,055	2,739	2,002	1,337	952

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Dixon Area Sewer Improvement Project

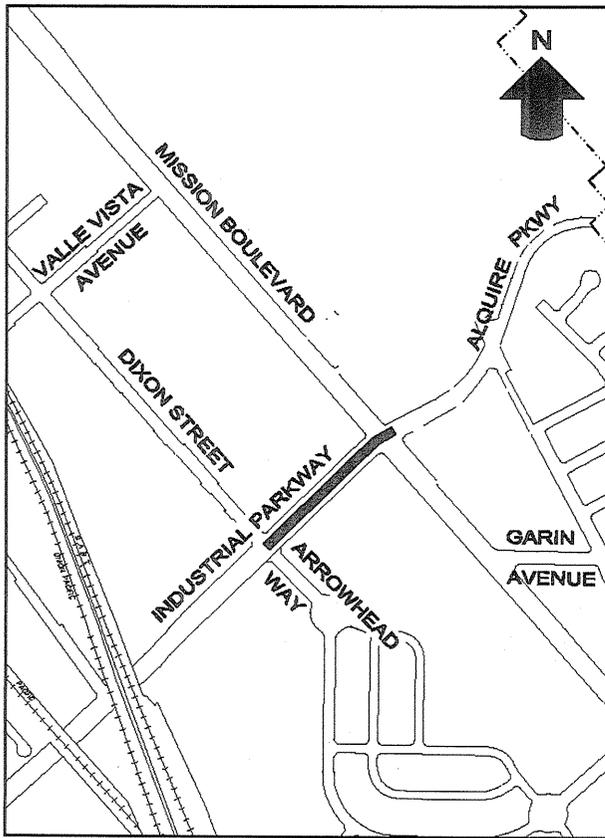
Project No.: 7550

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	53	97	950										1,100
Reimbursements													
Net Cost to Fund	53	97	950										1,100



DESCRIPTION:

This project will replace existing sewer mains along Industrial Parkway and the connections to Dixon Street.

JUSTIFICATION:

The sewer mains at these locations are in excess of 50 years old and have some capacity problems. In addition, project is recommended in the Wastewater Collection System Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System Project Title: Project Predesign Services
 Project No.: 7524
 Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$15,000 was added each year from FY14 through FY19 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Miscellaneous Lift Station Equipment Replacement

Project No.: 7575

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

This is an annual project to replace mechanical hardware and electrical components at eight sewage lift stations after they are no longer economically repairable.

JUSTIFICATION:

This project will ensure proper maintenance of station facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$100,000 each year from FY14 through FY19 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: SCADA & Transducer Replacement

Project No.: 7594

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual project to update the radio telemetry system with transducer replacements.

JUSTIFICATION:

The new radio telemetry system requires annual improvements in order to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$15,000 was added each year from FY14 through FY19 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Asset Management Plan

Project No.: 7531

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Annual Line Replacements FY09

Project No.: 7535

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	616										616
Reimbursements													
Net Cost to Fund	0	0	616										616

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from yearly TV inspection program.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project helps to maintain the sewer system at an acceptable operational level.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

An additional appropriation of \$316,000 is needed to complete the requisite work.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Sunset Area Sewer Capacity Study

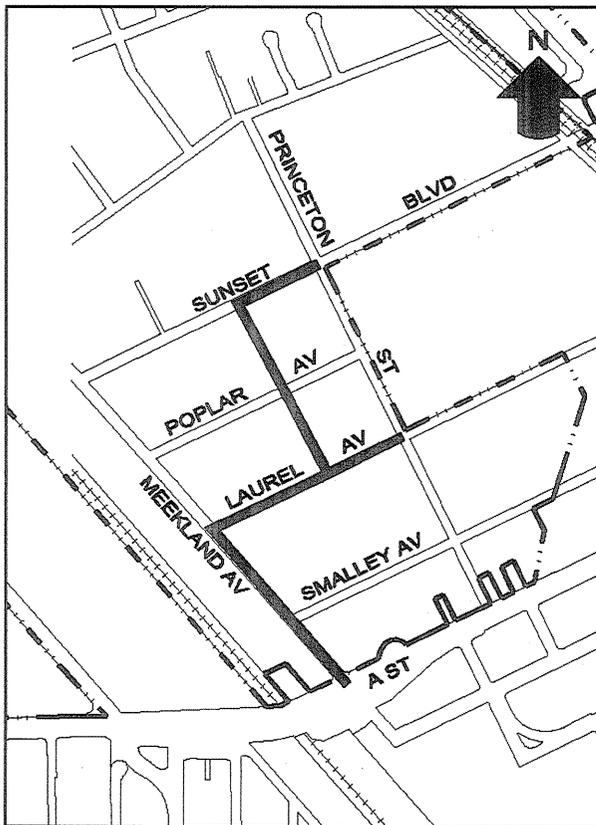
Project No.: 7546

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

This study will investigate the 12" sanitary sewer mains just west of Sunset High School.

JUSTIFICATION:

The sewer mains in this area were identified in the wastewater collection system model update as having future capacity issues during wet weather peak flows.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: Sanitary Sewer Overflow (SSO) Response Trailer
 Project No.: New
 Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	10										10
Reimbursements													
Net Cost to Fund	0	0	10										10

DESCRIPTION:

This project will provide for a trailer that would be stocked with supplies typically used during a sanitary sewer overflow (SSO), such as barricades, sandbags, pumps, lights, absorbent materials and signage.

JUSTIFICATION:

Timely response to and containment of SSOs are mandated by the Regional Water Quality Control Board.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Annual Line Replacements FY10

Project No.: To Be Determined

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from yearly TV inspection program.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project helps to maintain the sewer system at an acceptable operational level.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Annual Line Replacements FY11

Project No.: To Be Determined

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from yearly TV inspection program.

Each year, as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project helps to maintain the sewer system at an acceptable operational level.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Sewer Replacement at Linden, Madrone, & Beech Street Easement Areas

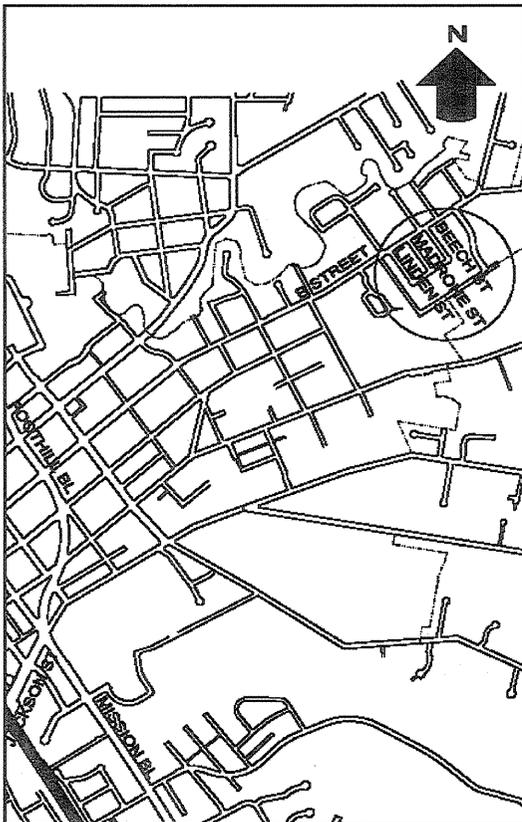
Project No.: 7547

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	40	260								300
Reimbursements													
Net Cost to Fund	0	0	0	40	260								300



DESCRIPTION:

Approximately 1,240 feet of sewer main located at Linden, Madrone, and Beech streets are scheduled to be replaced.

JUSTIFICATION:

The project will result in more reliable sewer discharge capability and easier maintenance access.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Annual Line Replacements - FY12-FY19

Project No.: To Be Determined

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000
Reimbursements													
Net Cost to Fund	0	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	8,000

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from yearly TV inspection program.

Each year as funds are appropriated, the current portion of the program will be segregated to more easily track costs.

JUSTIFICATION:

This project helps to maintain the sewer system at an acceptable operational level.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$1,000,000 was added each year from FY14 through FY19 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Sewer Collection System Master Plan

Project No.: New

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

The last complete Sewer Collection System Master Plan was prepared in 2002. A number of the recommendations have been implemented or are included in the Capital Improvement Program and scheduled to be completed by 2014. Therefore, it would be beneficial to prepare a new Sewer Collection System Master Plan by that time.

JUSTIFICATION:

The Plan would update future system demand, evaluate hydraulic and operational capacity, and review the physical condition of some major facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Sewer Collection System Master Plan Recommendations

Project No.: New

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

It is anticipated that the Sewer Collection System Master Plan, scheduled to be completed in 2014, will identify needed improvement projects in order to ensure the reliability of the City's collection system.

JUSTIFICATION:

This project serves as a place holder to fund implementation of the Plan recommendations that result in improvements to the system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation

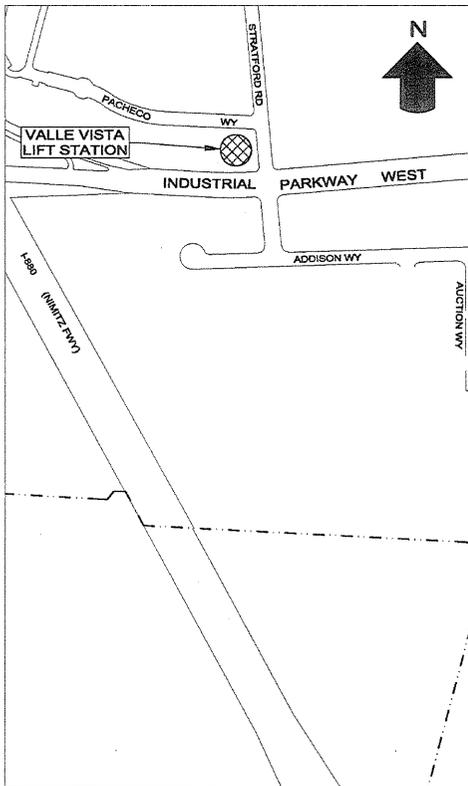
Project No.: New

Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

This project will replace a total of 4 submersible pumps (two are 35 horsepower and two are 135 horsepower). In addition, there will be an evaluation of the condition of the wet wall "T-lock" system and repair/replace the system as needed.

JUSTIFICATION:

The existing pumps have reached the end of their useful life.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: SCADA System Evaluation and Upgrade
 Project No.: New
 Fund 614 - Sewer Collection System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



WATER POLLUTION CONTROL REPLACEMENT FUND - FUND 616

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7637	CCTV Solids Handling/Front Gate Security	40	0	40										
7638	Digester No. 1 Dome Rehabilitation	453	419	34										
7643	Digester Feed Valve Automation	75	0	75										
7647	West Trickling Filter Rehabilitation	150	0	150										
7653	SCADA PLC Replacement	350	313	37										
7648	Seismic Retrofit Miscellaneous Plant Buildings	375	5	20	350									
7654	Levee Road and Effluent Channel Repair	400	0	200	200									
7649	Headworks Ventilation System Evaluation	25	0	0	25									
7651	Co-Generation System - Alternative & Implementation	1,600	52	0	1,548									
7640	Enclose Effluent Channel	5,100	0	0	500	4,600								
7646	Primary Clarifiers Rehabilitation	320	89	0	115	116								
7656	Main 480V MCC Electrical Distribution Repairs	1,225	0	0	190	1,035								
7516	EBDA Outfall Replacement Payment	1,044	N/A	72	72	100	100	100	100	100	100	100	100	100
7529	Miscellaneous Plant Replacements	3,300	N/A	300	300	300	300	300	300	300	300	300	300	300
7596	SCADA System Misc. Replacements	165	N/A	15	15	15	15	15	15	15	15	15	15	15
NEW	Wonderware Historian Software	25	0	0	25									
TBD	Digester #3 Cleaning	135	0	0	135									
NEW	Headworks Interior (Wetside and Dryside) Painting	150	0	0	150									
7639	West Trickling Filter Replacement	6,800	0	0	0	900	5,900							
7644	Sludge Lagoon #494 Pump Relocation	110	0	0	0	0	110							
NEW	Digester #2 Cleaning	150	0	0	0	0	150							
NEW	Headworks Hydraulic Valve Actuator and Shaft Replacement	150	0	0	0	0	150							
NEW	Plant Exterior Buildings Painting	200	0	0	0	0	200							
NEW	WPCF Master Plan Recommended Replacement Projects	2,500	0	0	0	0	500	500	500	500	500			
NEW	SCADA Computer Node and Server Upgrade	60	0	0	0	0	0	60						
NEW	Solids Contact Tank Grounds Improvement	70	0	0	0	0	0	70						
NEW	Digester #1 Cleaning	150	0	0	0	0	0	0	150					

WATER POLLUTION CONTROL REPLACEMENT FUND - FUND 616

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
NEW	Digester #3 Cleaning and Dome Rehabilitation	400	0	0	0	0	0	0	0	0	400			
NEW	WPCF Access Roads Rehabilitation	500	0	0	0	0	0	0	0	0	0	500		
NEW	SCADA System Evaluation and Upgrade	500	0	0	0	0	0	0	0	0	0	0	500	
NEW	Digester #2 Cleaning and Dome Rehabilitation	500	0	0	0	0	0	0	0	0	0	0	500	
NEW	Gravity Belt Thickener Rebuilding	500	0	0	0	0	0	0	0	0	0	0	500	
NEW	Digester #1 Cleaning and Dome Rehabilitation	500	0	0	0	0	0	0	0	0	0	0	0	500
	TOTAL PROJECT COSTS			943	3,625	7,066	7,425	1,045	1,065	915	1,315	915	1,915	915
	Transfer to Fund 410 for for UST Remediation Study (Project 6977)	35		0	35									
	Retirement of Debt Service - Refunding of 1996 COPs through 2016 (Influent Screen & Pump Facility)	7,945	4,985	370	370	370	370	370	370	370	370			
	Retirement of Debt Service - SRF Loan for WPCF Phase II Improvements through 2034							270	270	270	270	270	270	270
	Transfer to Fund 613 for 50% of New Final Clarifier Cost												3,950	
	TOTAL EXPENDITURES			1,313	4,030	7,436	7,795	1,685	1,705	1,555	1,955	1,185	6,135	1,185
	REVENUES:													
	Interest			81	113	180	107	82	125	145	160	184	125	63
	Proceeds from SRF Loan for WPCF Phase II (\$4.5 million out of \$5.4 million total borrowing)					4,600								
	REVENUE SUBTOTAL:			81	113	4,780	107	82	125	145	160	184	125	63
	TRANSFERS IN FROM:													
	Fund 611 (Sewer Revenue Fund)			2,000	1,000	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	TRANSFERS SUBTOTAL:			2,000	1,000	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	REVENUE TOTALS:			2,081	1,113	5,780	2,107	2,082	2,125	2,145	2,160	2,184	2,125	2,063
	BEGINNING FUND BALANCE:			12,068	12,836	9,919	8,263	2,575	2,972	3,392	3,982	4,187	5,186	1,176
	ENDING FUND BALANCE:			12,836	9,919	8,263	2,575	2,972	3,392	3,982	4,187	5,186	1,176	2,054

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Seismic Retrofit Miscellaneous Plant Buildings

Project No.: 7648

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	5	20	350										375
Reimbursements													
Net Cost to Fund	5	20	350										375

DESCRIPTION:

Project to perform structural and piping modifications to fortify miscellaneous plant buildings against earthquakes.

JUSTIFICATION:

Recommended in Dames and Moore Seismic Report.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Levee Road and Effluent Channel Repair

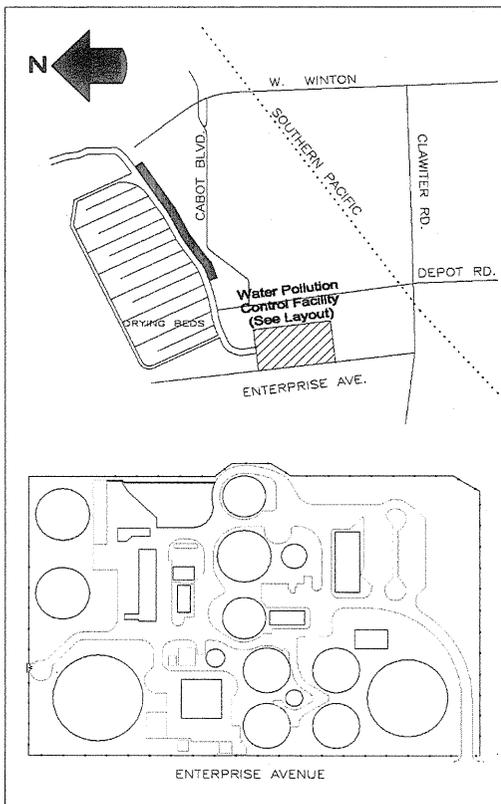
Project No.: 7654

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	200	200										400
Reimbursements													
Net Cost to Fund	0	200	200										400



DESCRIPTION:

Project to repair deteriorated levee road and effluent channel to maintain system until a pipeline can be installed.

JUSTIFICATION:

Effluent and flood control channel banks have encroached to the edge of the pavement, and the road base is unstable due to rodent tunneling. The channel's conveyance capacity has decreased due to the deterioration of the banks.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$200,000 due to revised scope of project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Headworks Ventilation System Evaluation

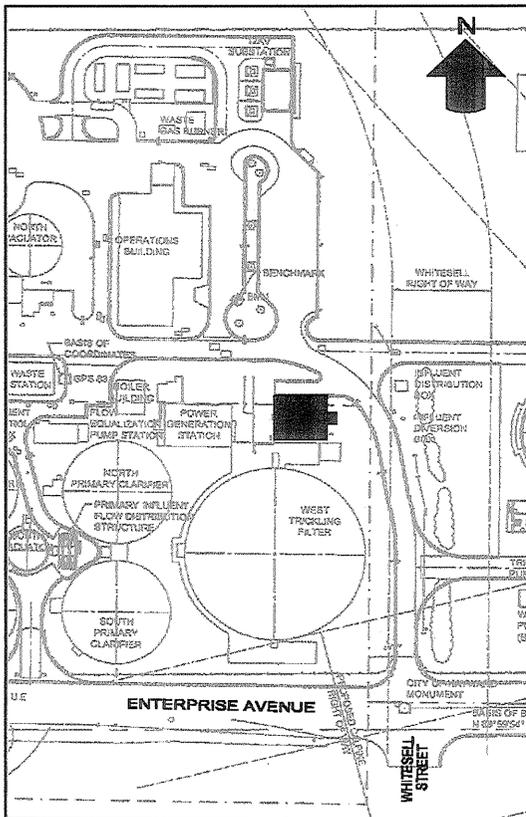
Project No.: 7649

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	25										25
Reimbursements													
Net Cost to Fund	0	0	25										25



DESCRIPTION:

The headworks ventilation system needs to be evaluated for effective and safer air-handling capability.

JUSTIFICATION:

The evaluation is necessary to identify the operational effectiveness, as well as the techniques, to improve the safety for operators in the facility.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Co-Generation System - Alternative and Implementation

Project No.: 7651

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	52	0	1,548										1,600
Reimbursements													
Net Cost to Fund	52	0	1,548										1,600

DESCRIPTION:

A consultant will evaluate the existing co-generation equipment and recommend improvements. After consideration of the results, a decision will be made on implementation.

JUSTIFICATION:

The current co-generation equipment has been in service for over 22 years and has become obsolete, unreliable, and difficult to operate.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Enclose Effluent Channel

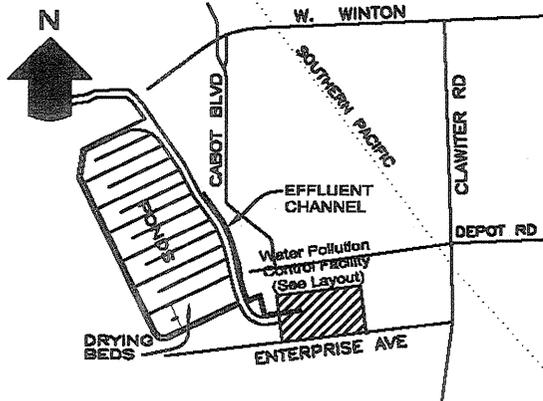
Project No.: 7640

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	500	4,600									5,100
Reimbursements													
Net Cost to Fund	0	0	500	4,600									5,100



DESCRIPTION:

Project to increase the capacity of the existing 48" effluent pipeline within the plant and to enclose the open channel from the plant to the disinfection (hypochlorite) station at Depot Road.

JUSTIFICATION:

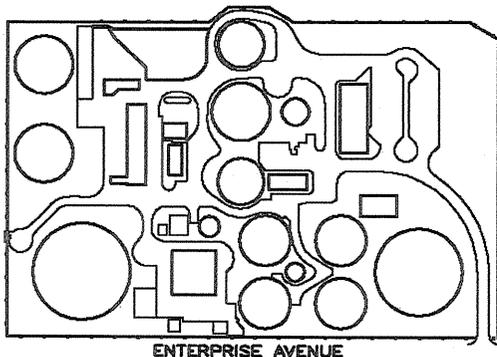
The open channel environment causes an increase in turbidity during storm events. This increase, at times, causes discharge requirements to be exceeded. In addition, project is recommended in the WPCF Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



ENTERPRISE AVENUE



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Primary Clarifiers Rehabilitation

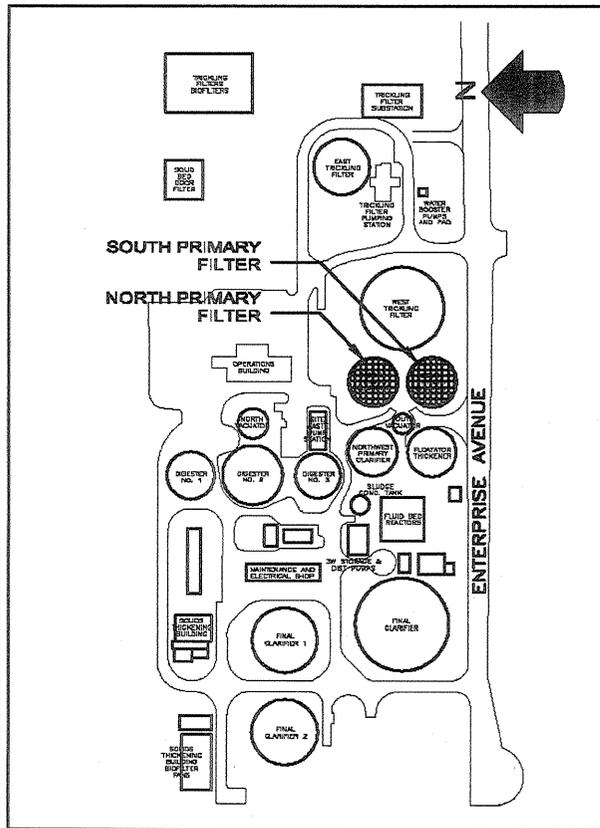
Project No.: 7646

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	89	0	115	116									320
Reimbursements													
Net Cost to Fund	89	0	115	116									320



DESCRIPTION:

Project to replace the surface scum collector mechanism, repair the bottom sludge collector mechanism, repair and coat the concrete surfaces in the clarifier, and replace worn weirs in the north clarifier.

JUSTIFICATION:

The surface collector mechanisms in both the north and south primary clarifiers are corroded and worn beyond repair. The bottom sludge collector mechanism is also worn; however, it can be repaired.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Main 480V MCC Electrical Distribution Repairs

Project No.: 7656

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	190	1,035									1,225
Reimbursements													
Net Cost to Fund	0	0	190	1,035									1,225

DESCRIPTION:

This project will repair the system's motor control panels.

JUSTIFICATION:

The existing control panels have suffered extensive damage due to corrosion and are subject to frequent malfunctions.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: EBDA Outfall Replacement Payment

Project No.: 7516

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	72	72	100	100	100	100	100	100	100	100	100	1,044
Reimbursements													
Net Cost to Fund	N/A	72	72	100	100	100	100	100	100	100	100	100	1,044

DESCRIPTION:

Annual assessment by East Bay Dischargers Authority for Hayward's share of outfall replacement fund.

JUSTIFICATION:

This project is to support EBDA's replacement funds for the joint facilities acquired under the Joint Powers Authority.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased payment amount by \$28,000 in FY11-FY13 and added \$100,000 each year from FY14 through FY19 to continue to pay Hayward's share of the outfall replacement fund.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Miscellaneous Plant Replacements

Project No.: 7529

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	300	300	300	300	300	300	300	300	300	300	300	3,300
Reimbursements													
Net Cost to Fund	N/A	300	300	300	300	300	300	300	300	300	300	300	3,300

DESCRIPTION:

Annual project to replace facilities at the Water Pollution Control Facility that are no longer serviceable.

JUSTIFICATION:

This project will ensure proper maintenance of plant facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$300,000 each year from FY14 through FY19 to continue this program.

OPERATING BUDGET IMPACTS:

This project reduces maintenance and operations costs.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: SCADA System Miscellaneous Replacements

Project No.: 7596

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual project to upgrade telemetry system.

JUSTIFICATION:

Telemetry system requires annual improvements to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 each year from FY14 through FY19 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: Wonderware Historian Software
 Project No.: New
 Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	25										25
Reimbursements													
Net Cost to Fund	0	0	25										25

DESCRIPTION:

Historian, which is one of the programs offered by the software supplier Wonderware, allows the user to generate reports and analyze wastewater data for the WPCF as well as allow for specified data to be extracted and put into reports either directly or into Excel worksheets.

JUSTIFICATION:

Currently, WPCF staff utilize the services of a third party to program macros in Excel through the use of Visual Basic to extract data into Excel worksheets for reports. Historian will allow staff to generate customized reports and analyze processes that are monitored by SCADA.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Digester #3 Cleaning

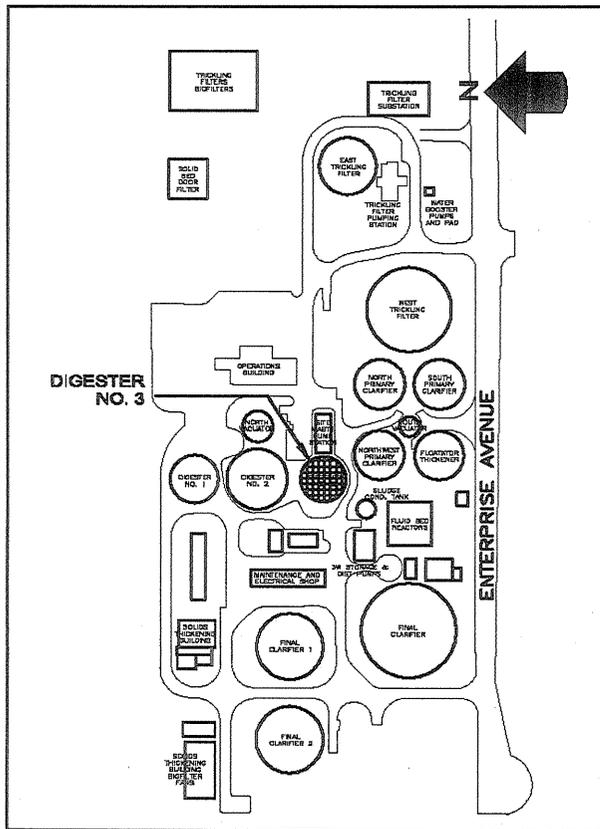
Project No.: To Be Determined

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	135										135
Reimbursements													
Net Cost to Fund	0	0	135										135



DESCRIPTION:

The digester will be cleared in order to remove rags, plastic, and snail shells; an inspection will also be performed to evaluate the internal and external coatings.

JUSTIFICATION:

Proper maintenance of this digester will allow it to run at an acceptable operational level.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Headworks Interior (Wetside and Dryside) Painting

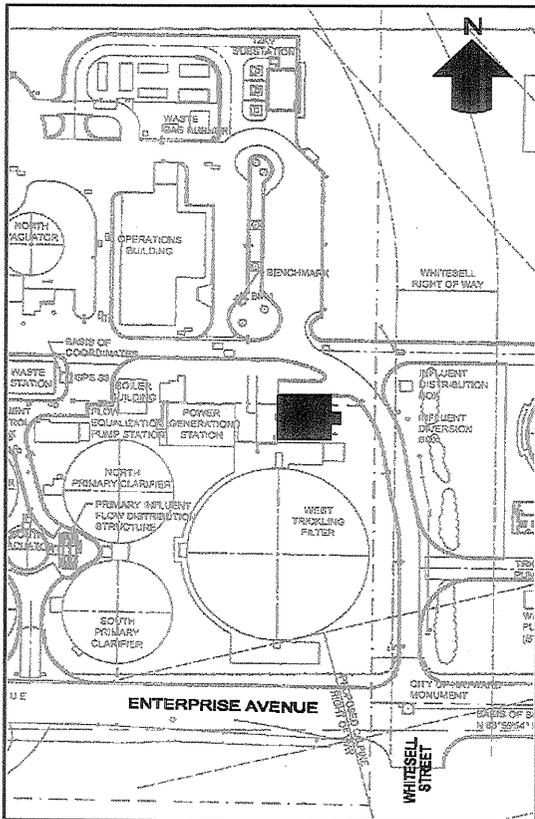
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	0	150										150
Reimbursements													
Net Cost to Fund	N/A	0	150										150



DESCRIPTION:

The interior walls of the headworks need to be coated in order to prevent the deleterious effects of hydrogen sulfide and persistent moisture on the concrete wall surface.

JUSTIFICATION:

The wetside of the headworks is an extremely corrosive environment and the interior wall surfaces experience deposits and deterioration due to moisture and sulfide compounds.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: West Trickling Filter Replacement

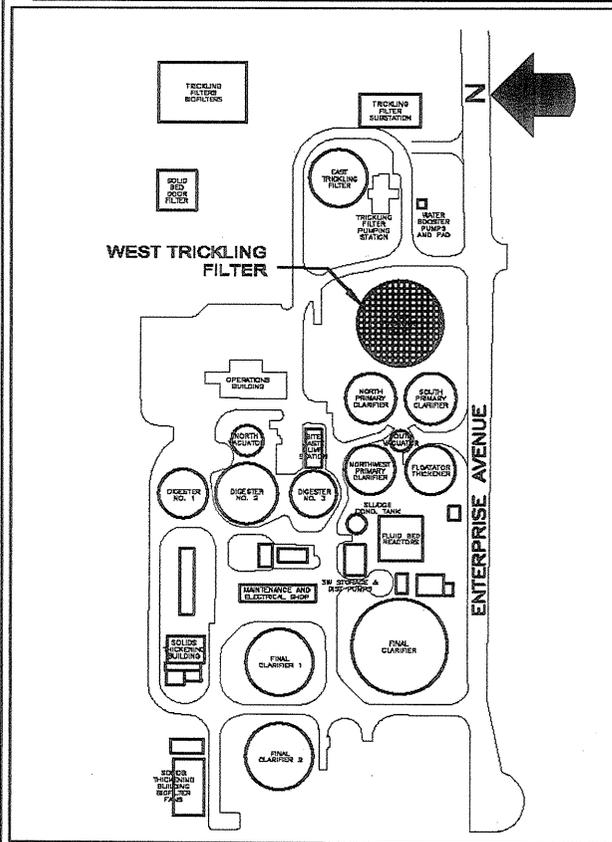
Project No.: 7639

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	900	5,900								6,800
Reimbursements													
Net Cost to Fund	0	0	0	900	5,900								6,800



DESCRIPTION:

This project would replace the West Trickling Filter with a new unit and allow the plant to attain reliable secondary treatment redundancy.

JUSTIFICATION:

The West Trickling Filter structurally does not meet modern building codes, including seismic considerations. Furthermore, the media contained within the structure is inefficient by today's standards. This project is recommended in the WPCF Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding increased by \$2,620,000 to reflect current construction costs.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Sludge Lagoon #494 Pump Relocation

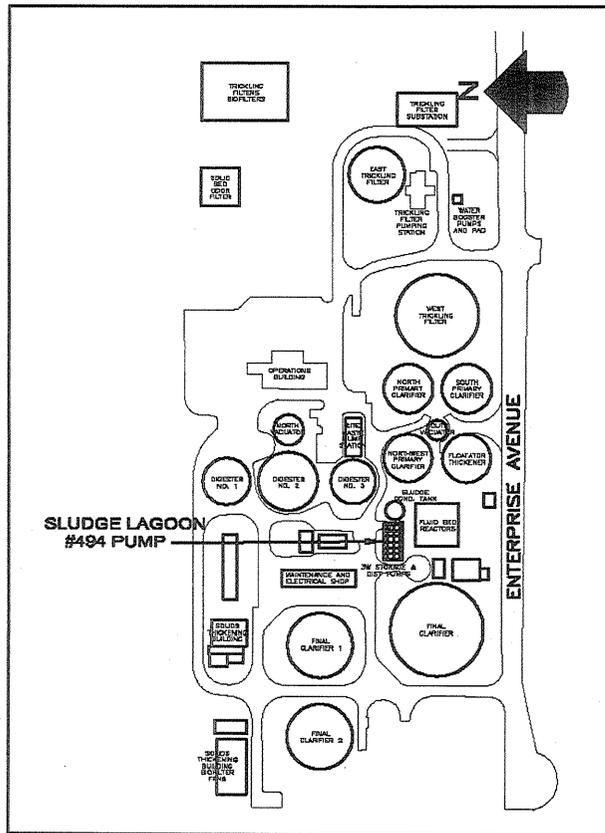
Project No.: 7644

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	110								110
Reimbursements													
Net Cost to Fund	0	0	0	0	110								110



DESCRIPTION:

The digester supernate pumps will be relocated within the main plant.

JUSTIFICATION:

This relocation is needed, as future development plans present operational difficulties with the current pump configuration.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Digester #2 Cleaning

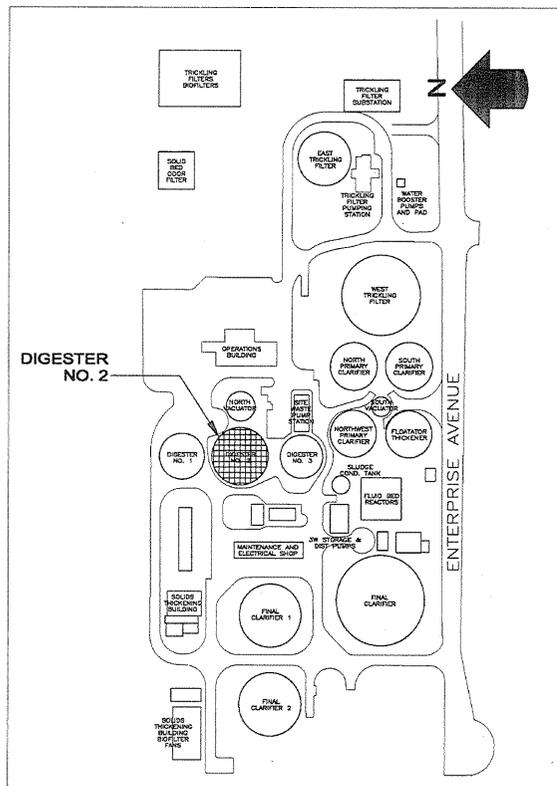
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	150								150
Reimbursements													
Net Cost to Fund	0	0	0	0	150								150



DESCRIPTION:

The digester will be cleared in order to remove rags, plastic, and snail shells; an inspection will also be performed to evaluate the internal and external coatings.

JUSTIFICATION:

Proper maintenance of this digester will allow it to run at an acceptable operational level.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Headworks Hydraulic Valve Actuator and Shaft Replacement

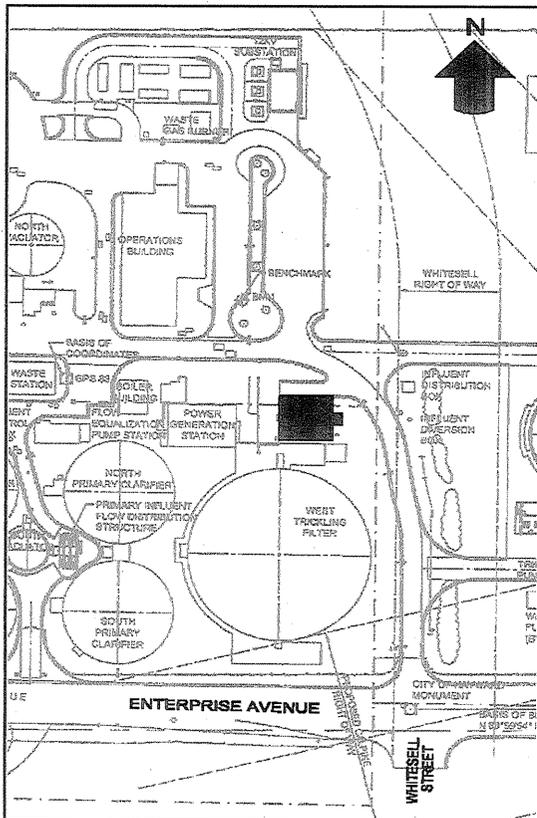
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	150								150
Reimbursements													
Net Cost to Fund	0	0	0	0	150								150



DESCRIPTION:

The existing valve actuators and gate shafts need to be replaced by the manufacturer using recommended parts.

JUSTIFICATION:

The two headworks wetwell gate actuators and shafts have corroded in the headworks wetwell area.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Plant Exterior Buildings Painting

Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	200								200
Reimbursements													
Net Cost to Fund	0	0	0	0	200								200

DESCRIPTION:

The plant buildings and exterior equipment need to be painted with applicable coatings to prevent corrosion from occurring.

JUSTIFICATION:

Due to the presence of hydrogen sulfides in wastewater, salt air, and the dirty/dusty environment, corrosion of the buildings and equipment at the treatment plant is a major concern.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: WPCF Master Plan Recommended Replacement Projects

Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

The Master Plan will identify liquid and solids handling process improvements. Any improvements will be phased-in over a five-year time period.

JUSTIFICATION:

The improvements may include needed items, such as process piping modifications as well as energy and efficiency equipment replacements.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: SCADA Computer Node and Server Upgrade
 Project No.: New
 Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	60							60
Reimbursements													
Net Cost to Fund	0	0	0	0	0	60							60

DESCRIPTION:

The SCADA system, which is the primary operations staff tool for monitoring and controlling the treatment plant processes, was installed as part of the 2008 Plant Improvement Project and will need to be upgraded within 5 years.

JUSTIFICATION:

By fiscal year 2013, the computer, server and other ancillary equipment will need to be upgraded to take advantage of the newest technology available.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Solids Contact Tank Grounds Improvement

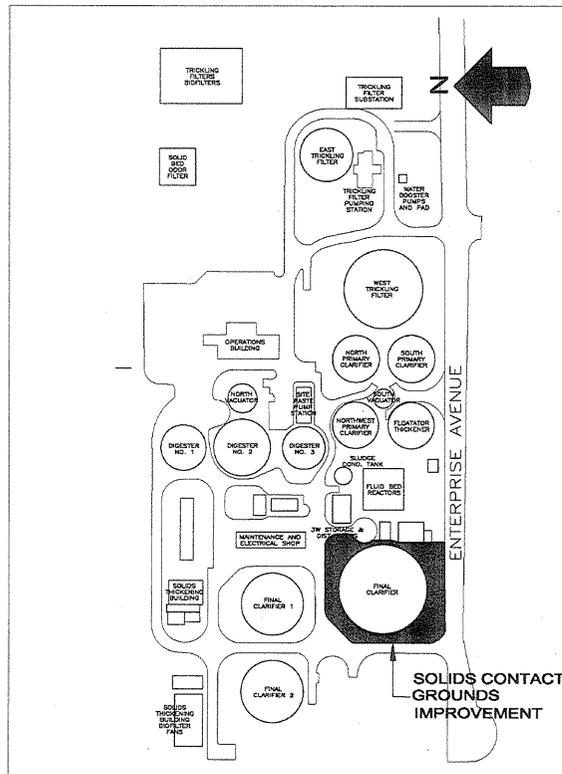
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	70							70
Reimbursements													
Net Cost to Fund	0	0	0	0	0	70							70



DESCRIPTION:

This project would contour the area around the Solids Contact Tank, install a weed barrier (geotech fabric), and place landscape rock to make the appearance consistent with other plant process areas.

JUSTIFICATION:

The area around the Solids Contact Tank is currently unpaved and not landscaped.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Digester #1 Cleaning

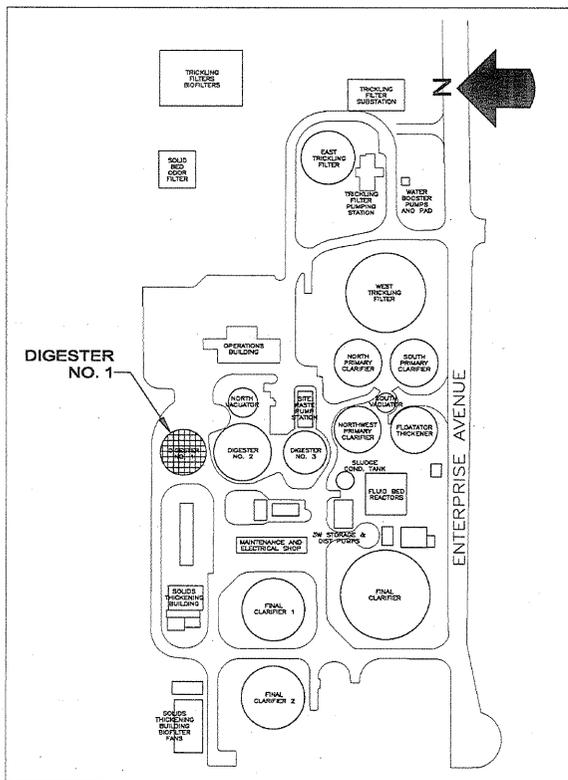
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	150						150
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	150						150



DESCRIPTION:

The digester will be cleared in order to remove rags, plastic, and snail shells; an inspection will also be performed to evaluate the internal and external coatings.

JUSTIFICATION:

Proper maintenance of this digester will allow it to run at an acceptable operational level.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Digester #3 Cleaning and Dome Rehabilitation

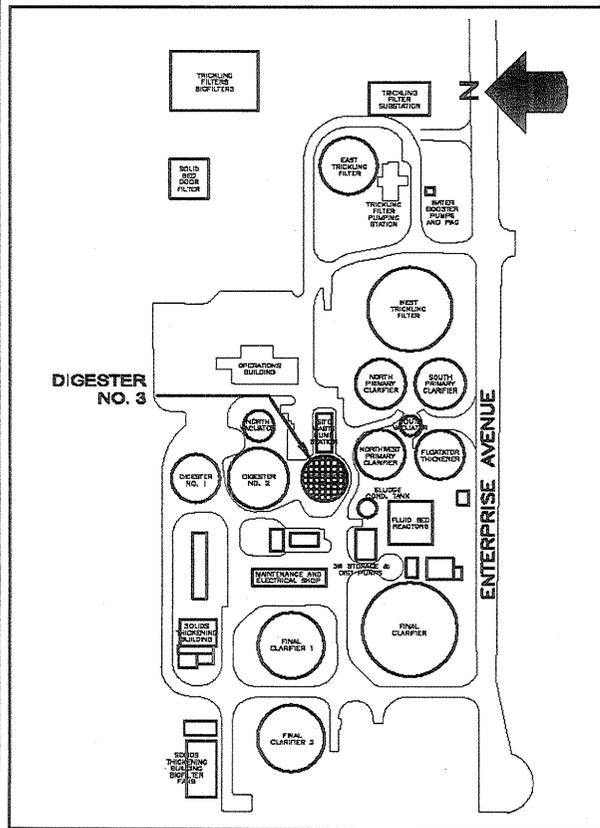
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application.

JUSTIFICATION:

During the course of normal operations, a corrosive atmosphere exists within the digester that deteriorates the concrete and metal superstructure.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: WPCF Access Roads Rehabilitation

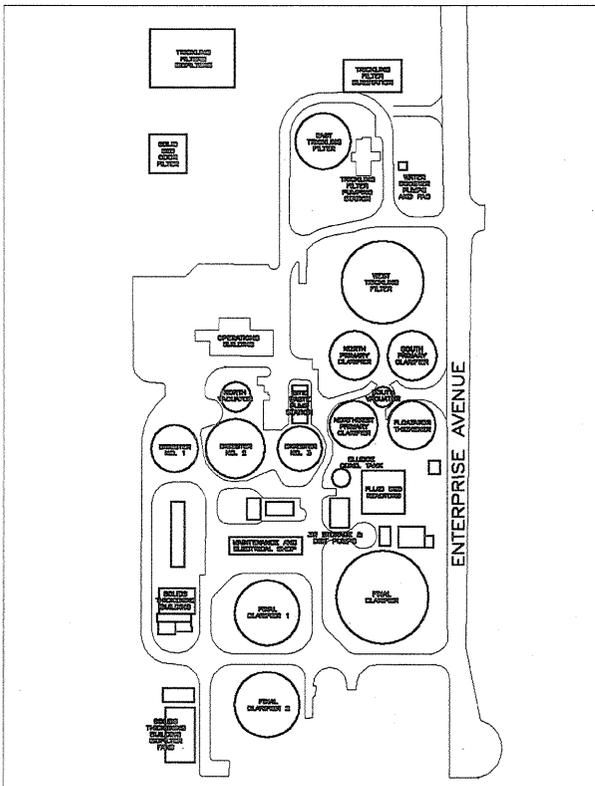
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

The plant access roads sustain heavy equipment and frequent road traffic and will experience further deterioration due to planned plant projects. This project will rehabilitate approximately 7,475 linear feet of roadway in several locations that access the treatment plant.

JUSTIFICATION:

A road rehabilitation project is required to restore roadway integrity.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: SCADA System Evaluation and Upgrade
 Project No.: New
 Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Digester #2 Cleaning and Dome Rehabilitation

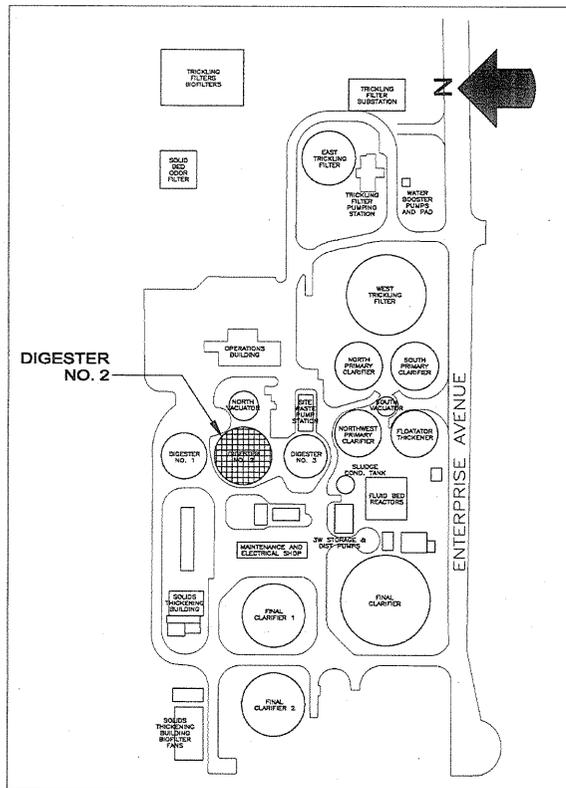
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application.

JUSTIFICATION:

During the course of normal operations, a corrosive atmosphere exists within the digester that deteriorates the concrete and metal superstructure.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Gravity Belt Thickener Rebuilding

Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

The two gravity belt thickeners, which are electric and hydraulically operating mechanical equipment, will be rebuilt to factory tolerances.

JUSTIFICATION:

Both thickeners have been in operation for over 10 years and need to be completely rebuilt.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Sewer System

Project Title: Digester #1 Cleaning and Dome Rehabilitation

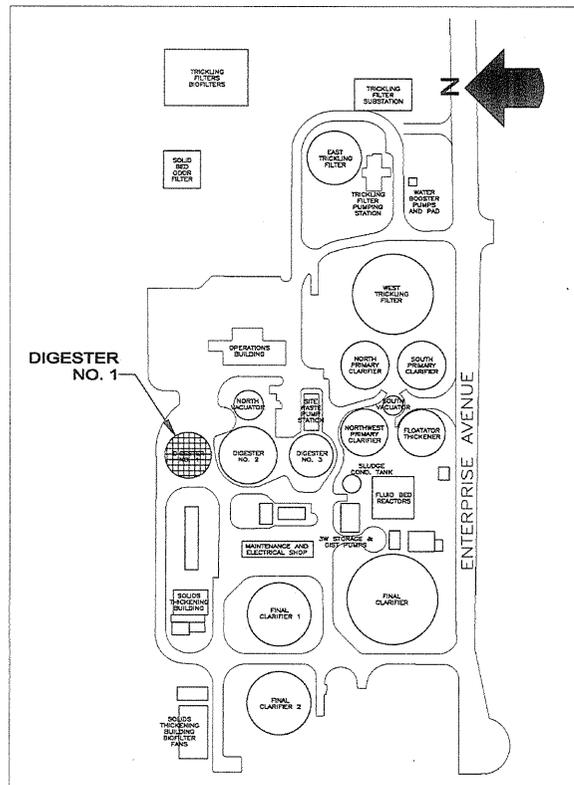
Project No.: New

Fund 616 - Water Pollution Control Facility Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

The digester will need to be removed from service and then cleaned and inspected in preparation for the protective coating application.

JUSTIFICATION:

During the course of normal operations, a corrosive atmosphere exists within the digester that deteriorates the concrete and metal superstructure.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

WATER SYSTEM CAPITAL IMPROVEMENT FUND - FUND 622

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7021	Groundwater Management Plan	300	15	285										
7131	Three New PRV Stations	200	0	200										
7137	PG&E Power to High School Reservoir	35	0	35										
7141	Evaluation of 20" Winton Aqueduct	50	0	50										
7142	Water Compliance System Software	30	0	30										
7162	Water Facility Security Enhancements	400	196	204										
7166	Regional Water Intertie Project Administration	175	111	64										
7170	Water Maintenance Software	90	4	86										
7171	Emergency Wells SCADA Installation	350	0	350										
	<i>EBMUD Mitigation - Reimbursement</i>	50		50										
NEW	Purchase of Five-Acre Parcel at Hesperian	3,485	N/A	3,485										
7024	Reservoir Landscape Improvements (7 sites)	108	24	42	42									
7139	Install Water Line at Golf Course Access Road	712	16	12	684									
7029	Project Predesign Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
7119	Radio Telemetry & Transducer Replacement & Upgrade	165	N/A	15	15	15	15	15	15	15	15	15	15	15
7023	Installation of Emergency Sudden Loss Valves at Various Locations	422	0	0	422									
7160	Seismic Retrofit Maitland Reservoir and Appurtenances	690	0	0	130	560								
7161	Seismic Retrofit "D" Street Reservoir	1,150	0	0	150	1,000								
7173	Seismic Retrofit Highland 250 Reservoirs	1,026	29	0	97	900								
7136	System Seismic Upgrades	400	0	0	100	100	100	100						
NEW	High School Reservoir Roof Replacement	500	N/A	0	500									
7138	Install Water Line Looping Near BART Tracks & Whipple Rd.	640	0	0	0	640								
7140	Parallel Supply to the 330 Zone	1,270	120	0	0	1,150								
NEW	Water System Master Plan Update	400	N/A	0	0	0	400							
NEW	Water System Master Plan Improvement Projects	2,500	N/A	0	0	0	0	500	500	500	500	500		
NEW	Groundwater Management Plan Modeling & Implementation	3,000	N/A	0	0	0	0	0	0	3,000				
7172	New 3 MG Reservoir at High School Reservoir Site	8,574	74	0	0	0	0	0	0	0	0	8,500		
NEW	Underground 2 MG Reservoir at Hesperian Site	5,000	N/A	0	0	0	0	0	0	0	0	0	5,000	
	TOTAL PROJECT COSTS			4,873	2,155	4,380	530	630	530	3,530	530	9,030	5,030	30

WATER SYSTEM CAPITAL IMPROVEMENT FUND - FUND 622

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	Retirement of Debt Service for Utilities Center	1,820	1,390	86	86	86	86	86						
	Retirement of Debt Service - Hesperian Pump Station	10,390	970	260	260	260	260	300	300	300	300	300	300	300
	Transfer to Fund 613 - 50% of Recycled Water Loan DS			0	0	0	0	0	160	160	160	160	160	160
	TOTAL EXPENDITURES			5,219	2,501	4,726	876	1,016	990	3,990	990	9,490	5,490	490
	REVENUES:													
	Facilities Fee			1,400	800	800	800	1,200	1,600	1,600	1,600	1,600	1,600	1,600
	Interest			151	130	207	171	263	377	356	335	203	35	41
	EBMUD - Bayside Wellfield Mitigation Funds			50										
	REVENUE SUBTOTAL:			1,601	930	1,007	971	1,463	1,977	1,956	1,935	1,803	1,635	1,641
	TRANSFERS IN FROM:													
	Fund 623 for Replacement Share of Hesperian Reservoir												3,000	
	REVENUE TOTALS:			1,601	930	1,007	971	1,463	1,977	1,956	1,935	1,803	4,635	1,641
	BEGINNING FUND BALANCE:			17,541	13,866	12,295	8,576	8,671	9,118	10,105	8,071	9,016	1,329	474
	ENDING FUND BALANCE:			13,866	12,295	8,576	8,671	9,118	10,105	8,071	9,016	1,329	474	1,625

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Reservoir Landscape Improvements (Seven Sites)

Project No.: 7024

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	24	42	42										108
Reimbursements													
Net Cost to Fund	24	42	42										108

DESCRIPTION:

Project to irrigate and replant appropriate trees and vegetation at the following sites:

- *D Street Reservoir
- *Maitland Reservoir
- *Treeview Reservoir
- *N. Walpert Reservoir
- *250 Reservoir
- *750 Reservoir
- *1000 Reservoir

JUSTIFICATION:

Project will improve the appearance of these sites through professionally designed placement of new landscape materials. Since several of the sites are in the middle of neighborhoods, input from local residents will be needed.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Install Water Line at Golf Course Access Road

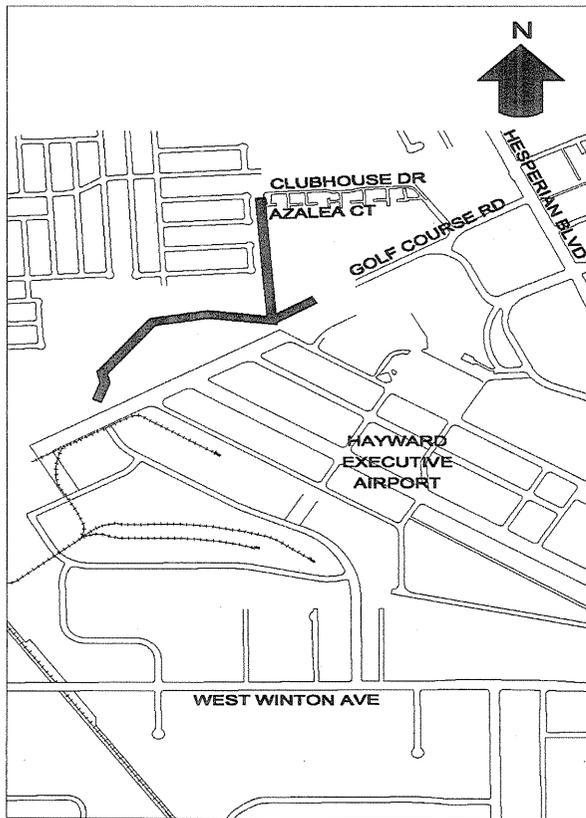
Project No.: 7139

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	16	12	684										712
Reimbursements													
Net Cost to Fund	16	12	684										712



DESCRIPTION:

Project to improve fire suppression capacity and improve water quality in the vicinity of the project area by adding 3,650 feet of 12" water line.

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Project Predesign Services

Project No.: 7029

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 each year from FY14 through FY19 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Radio Telemetry and Transducer Replacement and Upgrade

Project No.: 7119

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	15	15	15	15	15	15	15	15	15	15	15	165
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	165

DESCRIPTION:

Annual project to update the radio telemetry system with transducer replacements.

JUSTIFICATION:

Radio telemetry system requires annual improvements in order to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 each year from FY14 through FY19 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Installation of Emergency Sudden Loss Valves at Various Locations

Project No.: 7023

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	422										422
Reimbursements													
Net Cost to Fund	0	0	422										422

DESCRIPTION:

Project to install actuators, valve fittings, and sentry units at reservoirs.

JUSTIFICATION:

Project will prevent water loss at reservoirs during an earthquake.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Seismic Retrofit Maitland Reservoir & Appurtenances

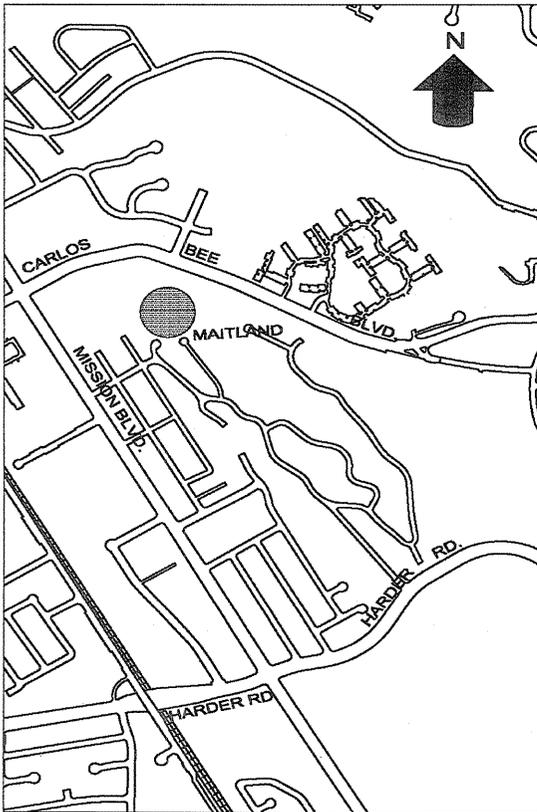
Project No.: 7160

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	130	560									690
Reimbursements													
Net Cost to Fund	0	0	130	560									690



DESCRIPTION:

Project to evaluate potential slope instability and upgrade the reservoir structure through two phases to withstand seismic events. An engineering evaluation would be followed by appropriate upgrading of tank structure components.

JUSTIFICATION:

This is a Priority B (medium retrofit priority), as identified in the seismic study for utility structures by Dames & Moore.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Seismic Retrofit "D" Street Reservoir

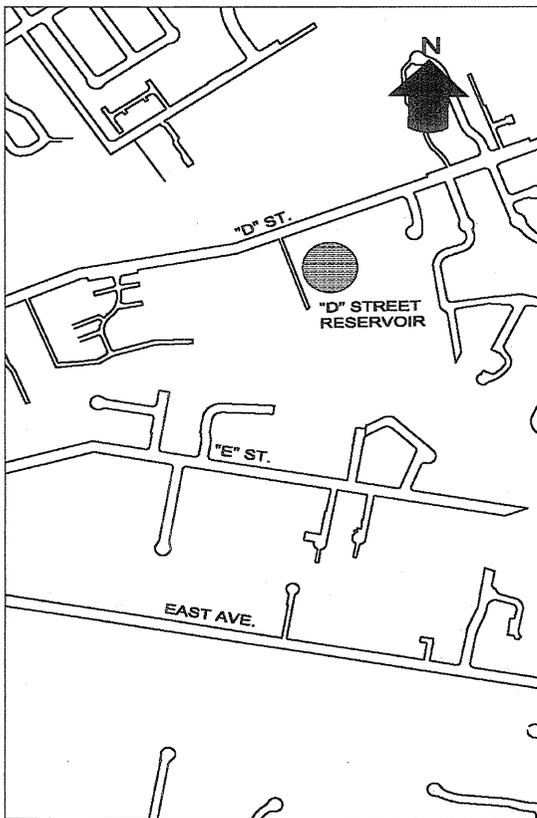
Project No.: 7161

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	150	1,000									1,150
Reimbursements													
Net Cost to Fund	0	0	150	1,000									1,150



DESCRIPTION:

This is a two-phase project to strengthen reservoir tank walls. The first phase of the study would determine the need for and extent of seismic strengthening. The second phase would construct needed enhancements. Also, connections for columns and roof joists would be upgraded to current seismic standards.

JUSTIFICATION:

This is a Priority B (medium retrofit priority), as identified in the seismic study for utility structures by Dames & Moore.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Seismic Retrofit Highland 250 Reservoirs

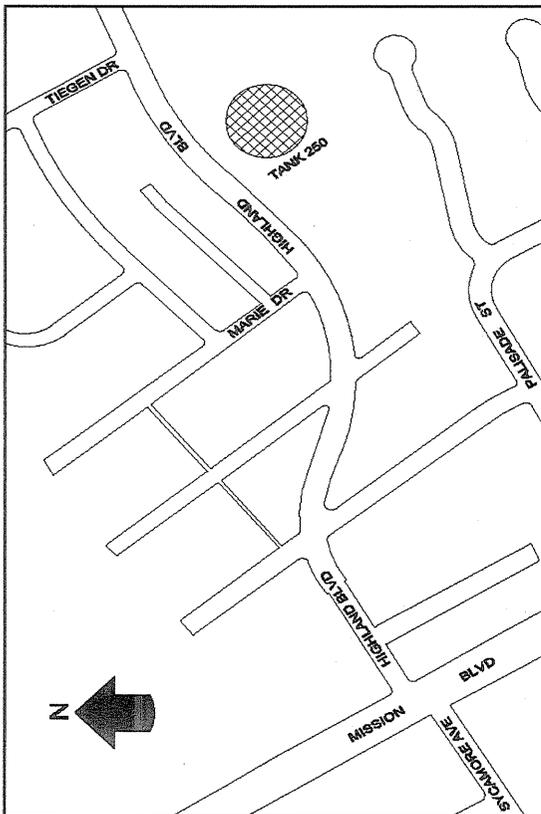
Project No.: 7173

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	29	0	97	900									1,026
Reimbursements													
Net Cost to Fund	29	0	97	900									1,026



DESCRIPTION:

This project will seismically retrofit the Highland 250 reservoirs.

JUSTIFICATION:

Recommended in Dames & Moore Seismic Report.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: System Seismic Upgrades

Project No.: 7136

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	100	100	100	100							400
Reimbursements													
Net Cost to Fund	0	0	100	100	100	100							400

DESCRIPTION:

Project to provide miscellaneous improvements to the existing water system to harden the facilities against earthquakes will be done over several years.

JUSTIFICATION:

Improvements recommended in the Water System Seismic Performance Review Report, October 2002.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project reduces replacement and reconstruction costs in the event of a major earthquake.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: High School Reservoir Roof Replacement

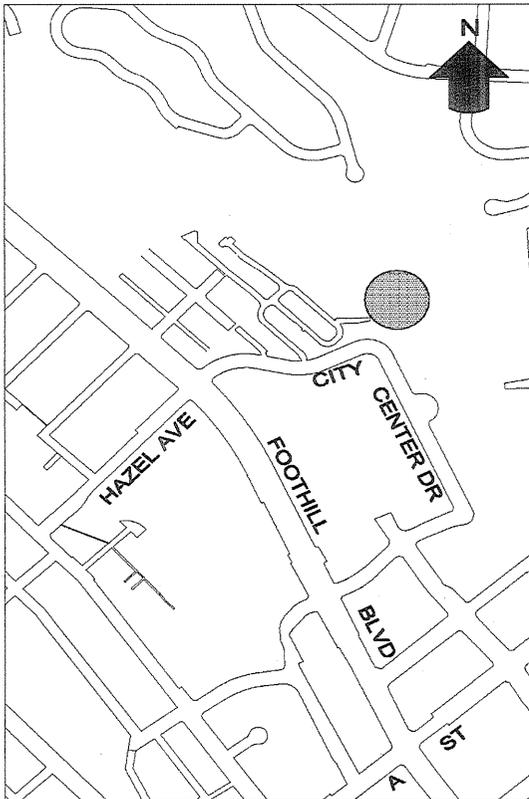
Project No.: New

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

This project will replace the wooden roof at this reservoir and replace it with an aluminum roof.

JUSTIFICATION:

The existing wooden roof has failed and needs to be replaced.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Install Water Line Looping near BART Tracks & Whipple Road

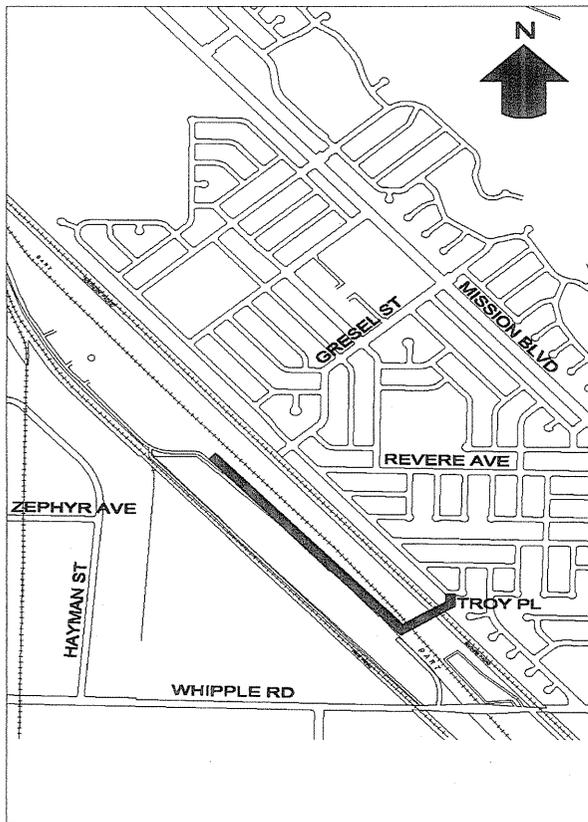
Project No.: 7138

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	640									640
Reimbursements													
Net Cost to Fund	0	0	0	640									640



DESCRIPTION:

Project to install water line looping near the BART tracks between Hayman Street and Whipple Road.

JUSTIFICATION:

Looping will improve fire suppression capacity in the vicinity of the project area. Project recommended in Water System Master Plan Update, December 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Parallel Supply to the 330 Zone

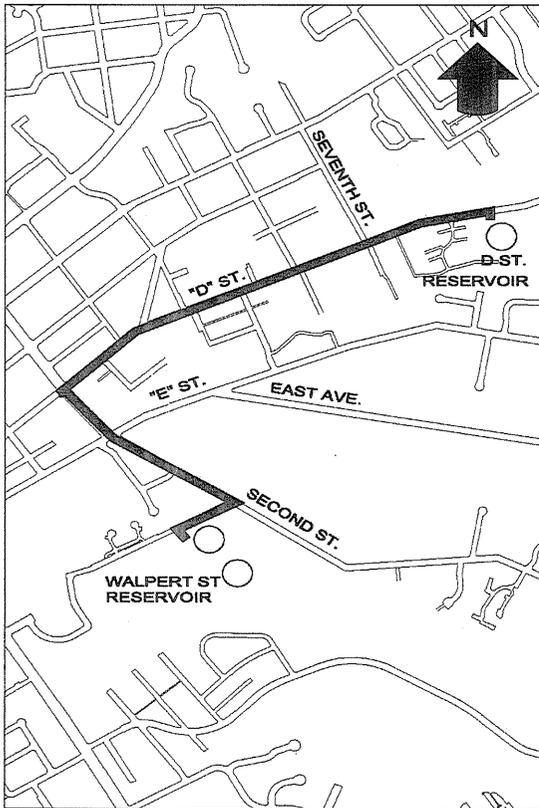
Project No.: 7140

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	120	0	0	1,150									1,270
Reimbursements													
Net Cost to Fund	120	0	0	1,150									1,270



DESCRIPTION:

Project to install new water lines and a new PRV station near the Walpert tanks, thereby creating a parallel water supply for improved fire suppression capacity. A portion of the project has been completed through the improvements at the Second and E Street intersection.

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Water System Master Plan Update

Project No.: New

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

The last complete Water System Master Plan was prepared in 1995 and updated in 2002. A number of the recommendations have been implemented or are included in the Capital Improvement Program and scheduled to be completed by 2012. Therefore, it would be beneficial to prepare a new Water System Master Plan by that time.

JUSTIFICATION:

The Plan would update future system demand, evaluate hydraulic and operational capacity, and review the physical condition of some major facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Water System Master Plan Improvement Projects

Project No.: New

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

This project serves as a place holder to fund implementation of the Plan recommendations that result in improvements to the system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Groundwater Management Plan Modeling and Implementation

Project No.: New

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

This project is a continuation of the City's efforts to study groundwater conditions in the Hayward area in order to evaluate the availability of water to pump for various uses, such as irrigation and industrial uses, and the impact that such pumping will have on the aquifer and the environment.

JUSTIFICATION:

The project will assist the City in its ongoing efforts to manage natural resources in the most effective way.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: New 3 MG Reservoir at High School Reservoir Site

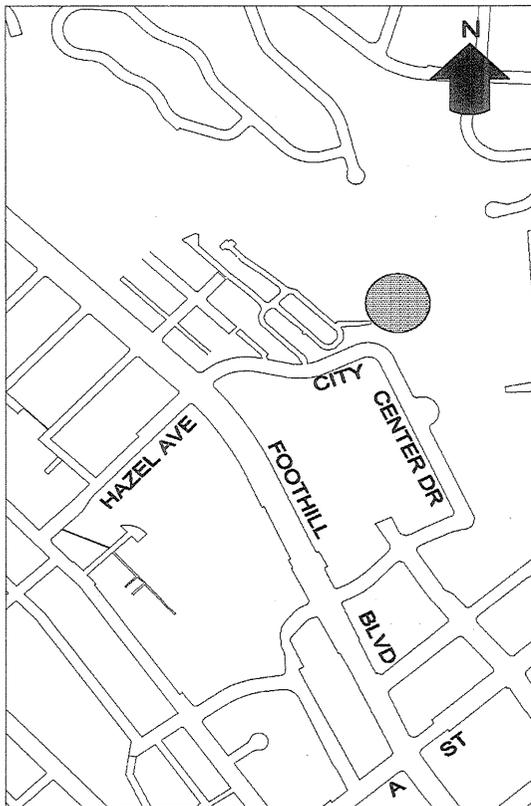
Project No.: 7172

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	74	0	0	0	0	0	0	0	0	8,500			8,574
Reimbursements													
Net Cost to Fund	74	0	0	0	0	0	0	0	0	8,500			8,574



DESCRIPTION:

Project to construct new 3 MG reservoir at the High School Reservoir site, which will replace the existing 1.0 MG reservoir and create the storage capacity needed to meet emergency water demands in the 250 Zone.

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Decreased project cost by \$2,660,000 to reflect current scope of project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Underground 2 MG Reservoir at Hesperian Site

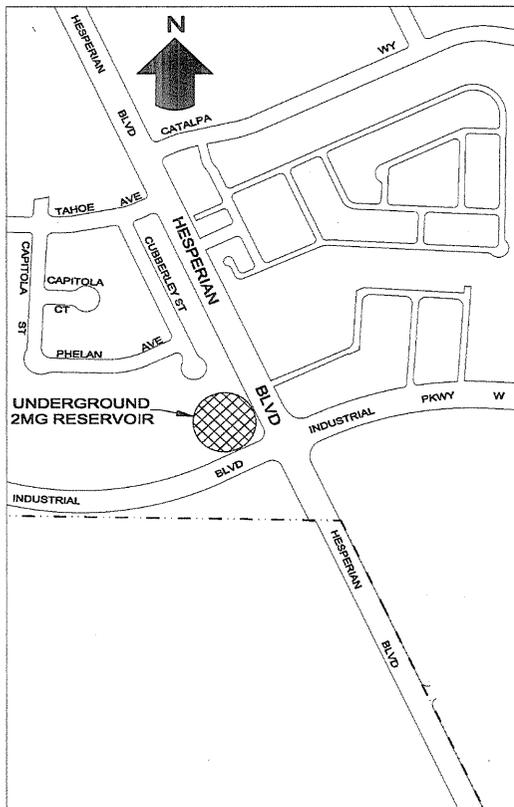
Project No.: New

Fund 622 - Water System Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	5,000		5,000
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	5,000		5,000



DESCRIPTION:

This project would provide storage west of Mission Boulevard, utilizing the five-acre site purchased by the Water Utility in 2009. The reservoir would be sited below ground in order to use the property for equipment storage and other purposes.

JUSTIFICATION:

All of the City's current capacity is located east of Mission Boulevard. In addition, project is recommended in the Water System Reservoir Study.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

WATER SYSTEM REPLACEMENT FUND - FUND 623

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

WATER SYSTEM REPLACEMENT FUND - FUND 623

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

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

Project Title: Landscape Audits and Water Efficient Landscape Rebates

Project No.: 7047

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

This project promotes water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Highland 1000 Reservoir Replacement

Project No.: 7165

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

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

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Miscellaneous Hydrant Replacement Program

Project No.: 7003

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

This project is a necessary safety maintenance measure.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

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

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual System Replacement Program

Project No.: 7006

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

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

OPERATING BUDGET IMPACTS:

This project reduces annual maintenance costs.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: High Efficiency Fixture Replacement Program

Project No.: 7013

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

This project promotes water conservation.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

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

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Project Predesign Services

Project No.: 7030

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

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

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Aqueducts Record Drawings Update

Project No.: 7037

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Asset Management Plan

Project No.: 7043

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

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

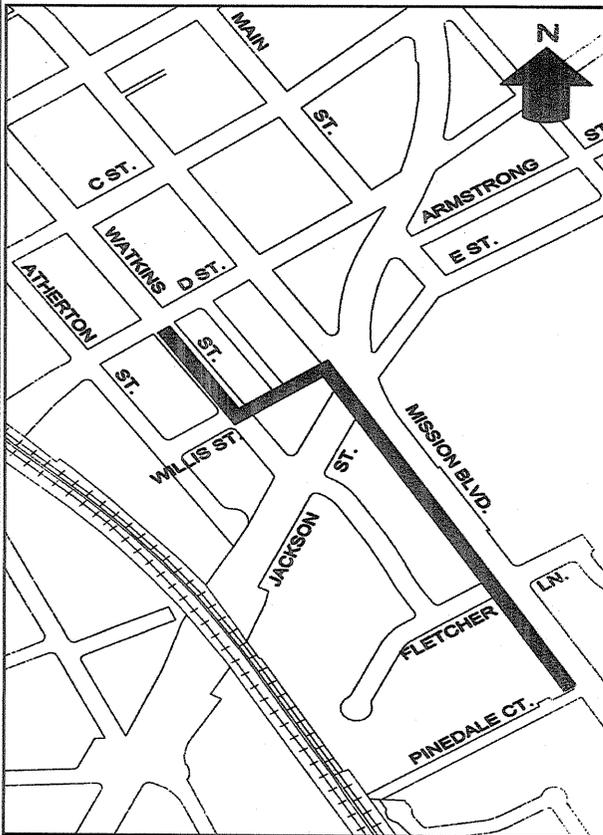
Project No.: 7046

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

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

JUSTIFICATION:

Recommended in Water System Master Plan Update, December 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

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

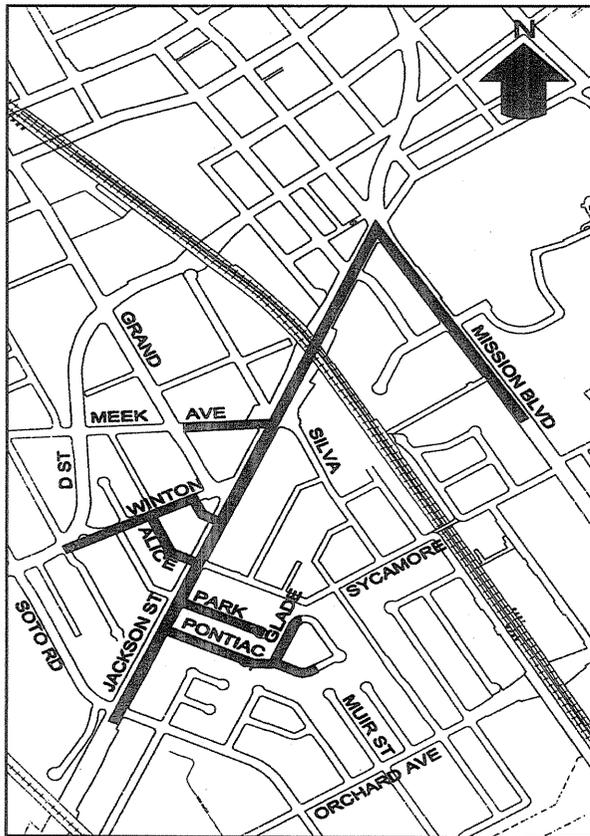
Project No.: 7163

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

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

JUSTIFICATION:

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

REIMBURSEMENTS:

Project Revenue 10

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

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

Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Landscape

Project Title: Demonstration Garden at City Hall

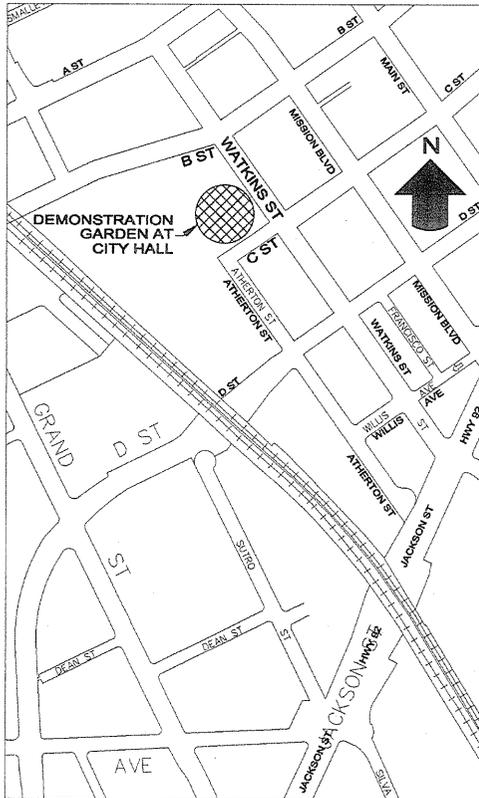
Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

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

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual Line Replacements FY10

Project No.: To Be Determined

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

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

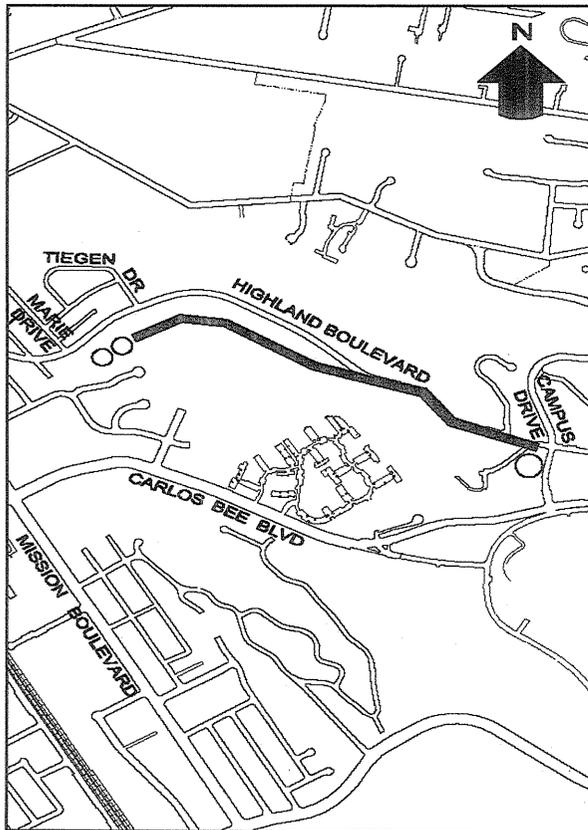
Project No.: 7045

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

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

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual Line Replacements FY11

Project No.: To Be Determined

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Highland 250 Pump Station Upgrade

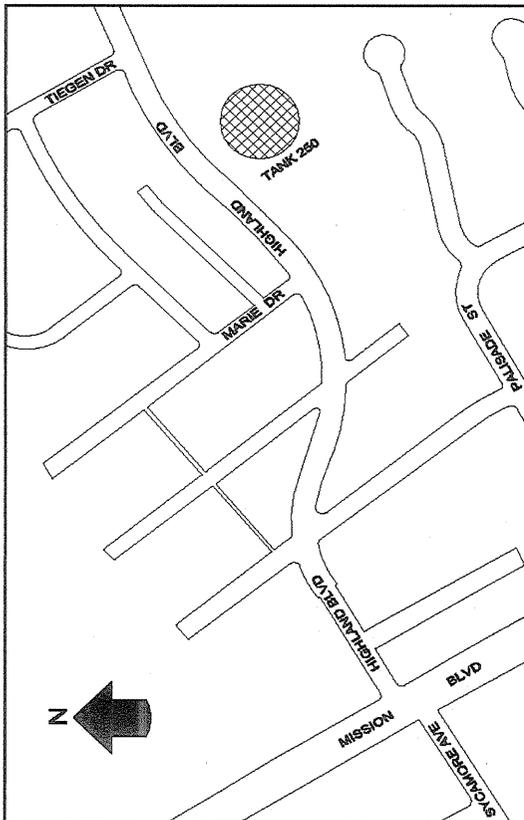
Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

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

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Annual Line Replacements FY12-FY19

Project No.: To Be Determined

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

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

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

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

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Water System

Project Title: Water System Master Plan Replacement Projects

Project No.: New

Fund 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

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

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



REGIONAL WATER INTERTIE - CAPITAL - FUND 627

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7090	Regional Water Intertie Facilities	16,427	16,290	137										
	<i>SFPUC-EBMUD</i>	16,389	15,812	577										
	<i>Project Revenue</i>	4	4											
	TOTAL PROJECT COSTS			137										
	TOTAL EXPENDITURES			137	0	0	0	0	0	0	0	0	0	0
	REVENUES:													
	Interest			0	0	0	0	0	0	0	0	0	0	0
	Reimbursements			577										
	REVENUE SUBTOTAL:			577	0	0	0	0	0	0	0	0	0	0
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			577	0	0	0	0	0	0	0	0	0	0
	BEGINNING FUND BALANCE:			(406)	34	34	34	34	34	34	34	34	34	34
	ENDING FUND BALANCE:			34	34	34	34	34	34	34	34	34	34	34

AIRPORT CAPITAL IMPROVEMENT FUND - FUND 632

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
6834	Wireless Internet Access at Airport	35	0	35										
6835	Southside Planning and Design	188	124	64										
6840	Crash Rescue Equipment	62	54	8										
6843	Install Automatic Gate and Additional Fencing	225	125	100										
6846	Airfield Striping and Marking FY05	110	64	46										
6847	Sulphur Creek Preservation	745	137	608										
6849	West T-Hangar Ramp Pavement Reconstruction	1,200	0	1,200										
6892	North Side Helipad - Construction	1,505	1,305	200										
	<i>(AIP 14) FAA</i>	1,200	1,174	26										
6895	Landscaping Noise Berm & Associated Areas	60	14	46										
6896	Vehicle Access Security System	90	80	10										
6842	Airport Layout Plan Update	330	0	150	180									
	<i>(AIP 15) FAA</i>	300		150	150									
6805	Project Predesign Services	525	N/A	25	50	50	50	50	50	50	50	50	50	50
6806	Consultant Predesign Services	105	N/A	5	10	10	10	10	10	10	10	10	10	10
6891	Miscellaneous Pavement/Building/Grounds Repairs	2,172	N/A	672	150	150	150	150	150	150	150	150	150	150
6898	Noise Monitoring Equipment Upgrade	600	50	50	50	50	50	50	50	50	50	50	50	50
6836	Vehicle Access for Corsair Hangars	286	0	0	286									
6897	Rehabilitation of Main Electrical Service Lines to Airport Tower	50	0	0	50									
NEW	Line Lazer Striping & Crack Sealer Equipment	30	0	0	30									
NEW	Airport Operations & Command Vehicle	84	0	0	42	0	0	0	0	0	42			
TBD	Sulphur Creek Mitigation - Environmental Planning	180	0	0	180									
	<i>(AIP 16) FAA</i>	162			162									
TBD	New Administration Building	2,100	0	0	0	0	300	1,800						
TBD	Sulphur Creek Mitigation - Design + Construction	3,250	0	0	0	3,250								
	<i>(AIP 17) FAA</i>	2,925				2,925								
TBD	Potential Runway Safety Area Improvements	2,400	0	0	0	0	2,400							
	<i>(AIP 18) FAA</i>	2,160					2,160							
TBD	Realignment of Taxiway Zulu	3,200	0	0	0	0	0	3,200						
	<i>(AIP 19) FAA</i>	2,880						2,880						

AIRPORT CAPITAL IMPROVEMENT FUND - FUND 632

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
TBD	Renovation of Airfield Lighting and Markings <i>(AIP 20) FAA</i>	2,200 1,980	0	0	0	0	0	0	2,200 1,980					
TBD	Install RENLS and PAPIS <i>(AIP 21) FAA</i>	350 315	0	0	0	0	0	0	0	350 315				
TBD	Relocate West Access Road and RWY 10R Holding Area <i>(AIP 22) FAA</i>	700 630	0	0	0	0	0	0	0	700 630				
TBD	Install Runway End Identifier Lights 10L/28R <i>(AIP 23) FAA</i>	350 315	0	0	0	0	0	0	0	0	350 315			
TBD	Rehab of TWY Charlie between RWY 10L/28R and 10R/28L & TWY Alpha and 10L/28R & Rehab TWY Delta <i>(AIP 24) FAA</i>	895 806	0	0	0	0	0	0	0	0	0	0	895 806	
NEW	Install Safe Drain System for Existing Storm Drains	150	0	0	0	0	150							
NEW	Overlay of Tiedown Ramp and Associated Taxiway	375	0	0	0	0	0	0	0	375				
NEW	Hangar Repainting	460	0	0	0	0	0	0	0	0	460			
NEW	Replacement Crash Rescue Vehicle	150	0	0	0	0	0	0	0	0	0	150		
NEW	East T-Hangar Foam Re-roofing	1,000	0	0	0	0	0	0	0	0	0	0	0	1,000

AIRPORT CAPITAL IMPROVEMENT FUND - FUND 632

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
	TOTAL PROJECT COSTS			3,219	1,028	3,510	3,110	5,260	2,460	1,685	1,112	410	1,155	1,260
	TOTAL EXPENDITURES			3,219	1,028	3,510	3,110	5,260	2,460	1,685	1,112	410	1,155	1,260
	REVENUES:													
	Interest			29	17	36	35	25	6	9	7	11	24	21
	Reimbursements			176	312	2,925	2,160	2,880	1,980	945	315	0	806	0
	REVENUE SUBTOTAL:			205	329	2,961	2,195	2,905	1,986	954	322	11	830	21
	TRANSFERS IN FROM:													
	Fund 631 (Airport Operation Fund)			700	700	700	700	700	700	700	700	700	700	700
	TRANSFERS SUBTOTAL:			700	700	700	700	700	700	700	700	700	700	700
	REVENUE TOTALS:			905	1,029	3,661	2,895	3,605	2,686	1,654	1,022	711	1,530	721
	BEGINNING FUND BALANCE:			4,060	1,746	1,747	1,898	1,683	28	254	223	133	434	809
	ENDING FUND BALANCE:			1,746	1,747	1,898	1,683	28	254	223	133	434	809	270

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Airport Layout Plan Update

Project No.: 6842

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	150	180										330
Reimbursements		(150)	(150)										(300)
Net Cost to Fund	0	0	30										30

DESCRIPTION:

The existing plan will need to be adjusted to reflect the change in the fleet mix of aircraft landing and departing the Airport.

JUSTIFICATION:

Changes to the plan are necessary in that it will better reflect FAA runway and taxiway design requirements.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Federal Aviation Administration

300

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Project Predesign Services

Project No.: 6805

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	25	50	50	50	50	50	50	50	50	50	50	525
Reimbursements													
Net Cost to Fund	N/A	25	50	50	50	50	50	50	50	50	50	50	525

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 each year from FY14 through FY19 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Consultant Predesign Services

Project No.: 6806

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	5	10	10	10	10	10	10	10	10	10	10	105
Reimbursements													
Net Cost to Fund	N/A	5	10	10	10	10	10	10	10	10	10	10	105

DESCRIPTION:

Consultant engineering costs associated with predesign of airport projects.

JUSTIFICATION:

Consultant services are occasionally needed in the planning and predesign of airport projects.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$10,000 each year from FY14 through FY19 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Miscellaneous Pavement, Building, and Grounds Repairs

Project No.: 6891

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	N/A	672	150	150	150	150	150	150	150	150	150	150	2,172
Reimbursements													
Net Cost to Fund	N/A	672	150	150	150	150	150	150	150	150	150	150	2,172

DESCRIPTION:

Project to maintain airport pavement, on an annual basis, and to provide funding for annual maintenance costs on over 20 airport-owned buildings as well as make repairs to the airport grounds not chargeable to airport tenants.

JUSTIFICATION:

With the large area of asphalt pavement at the airport, a continuing program of pavement repair is necessary in addition to the larger FAA-supported projects. In addition, the airport-owned buildings and grounds require ongoing maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$150,000 each year from FY14 through FY19 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Noise Monitoring Equipment Upgrade
 Project No.: 6898
 Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	50	50	50	50	50	50	50	50	50	50	50	50	600
Reimbursements													
Net Cost to Fund	50	50	50	50	50	50	50	50	50	50	50	50	600

DESCRIPTION:

Lease purchase project to upgrade noise monitoring equipment and software, so that the airport can track aircraft in "real time" and integrate data from existing noise monitors in the field.

JUSTIFICATION:

Currently, staff is dependent on receiving radar flight tracking data from Bay TRACON (located in Sacramento) and continually experience malfunctions, loss of flight tracks, and unpredictable noise-monitoring data.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

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

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Vehicle Access for Corsair Hangars

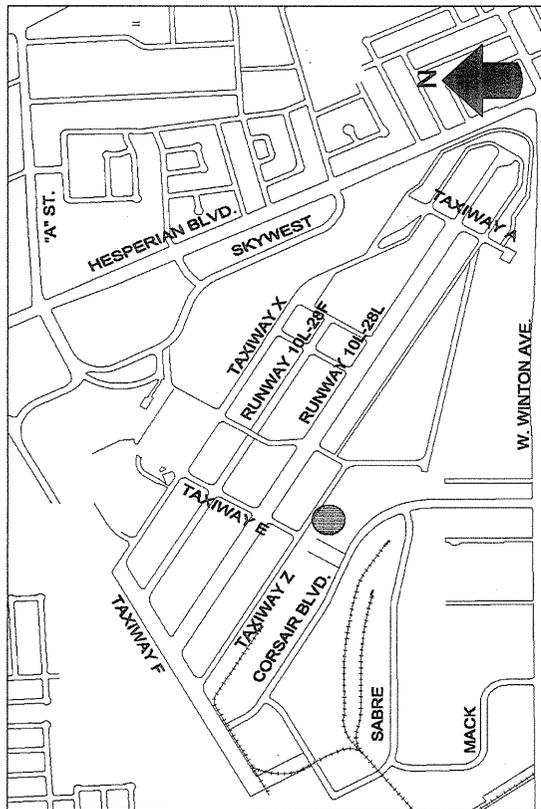
Project No.: 6836

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	286										286
Reimbursements													
Net Cost to Fund	0	0	286										286



DESCRIPTION:

First phase of project to construct automobile parking and access road for the future executive hangars.

JUSTIFICATION:

This project is necessary in conjunction with construction of executive hangars to be built along the relocated portion of Taxiway Zulu. Project recommended in Airport Master Plan. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project increased by \$36,000 due to more current design and construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Rehabilitation of Main Electrical Service Lines to Airport Tower
 Project No.: 6897
 Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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

DESCRIPTION:

As a result of a recommendation from PG&E, this project will replace two of the main electrical service ties to the Tower Building after a third line was replaced as an emergency repair. Actual timing of replacement will be determined by PG&E.

JUSTIFICATION:

Two of the main service lines to the Tower Building are corroded and in need of replacement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Line Lazer Striping and Crack Sealer Equipment

Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	30										30
Reimbursements													
Net Cost to Fund	0	0	30										30

DESCRIPTION:

In order to maintain deteriorating and cracking asphalt and fading striping, a crack sealer and a line lazer machine are required.

JUSTIFICATION:

The purchase of this equipment will allow Aiport maintenance crews to accomplish this work on an ongoing and routine basis.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Airport Operations and Command Vehicle

Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	42	0	0	0	0	0	42				84
Reimbursements													
Net Cost to Fund	0	0	42	0	0	0	0	0	42				84

DESCRIPTION:

An SUV-type passenger vehicle will be purchased for Airport grounds operations in FY10, with a replacement vehicle scheduled for purchase during FY16.

JUSTIFICATION:

Currently, Airport staff does not have the ability to safely transport visitors, FAA officials and dignitaries around the grounds. Additionally, the Taurus pool car is over 20 years old and needs to be replaced per Equipment Management.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Sulphur Creek Mitigation - Environmental Planning

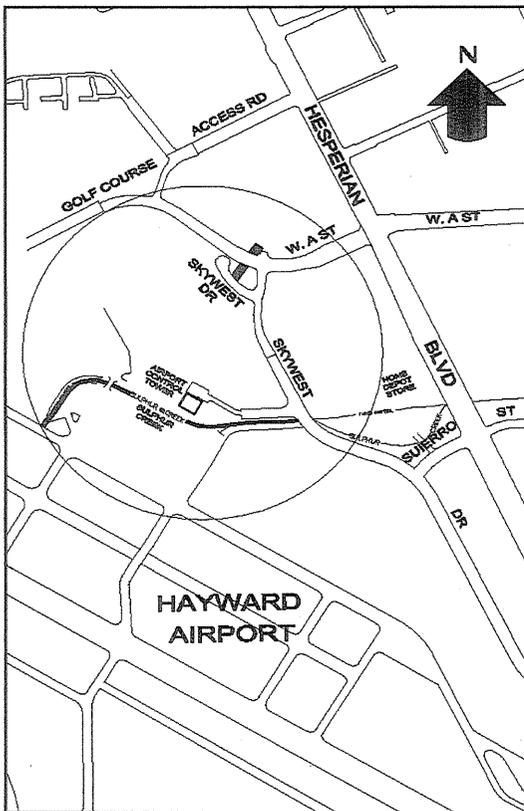
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	180										180
Reimbursements			(162)										(162)
Net Cost to Fund	0	0	18										18



DESCRIPTION:

This expenditure will allow for the environmental planning portion of the project to enclose portions of Sulphur Creek.

JUSTIFICATION:

To comply with environmental policy requirements of the National Policy Act (NEPA) for enclosure of a portion of open channel that transects the runway safety area for RWY 10L.

REIMBURSEMENTS:

Federal Aviation Administration

162

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: New Administration Building

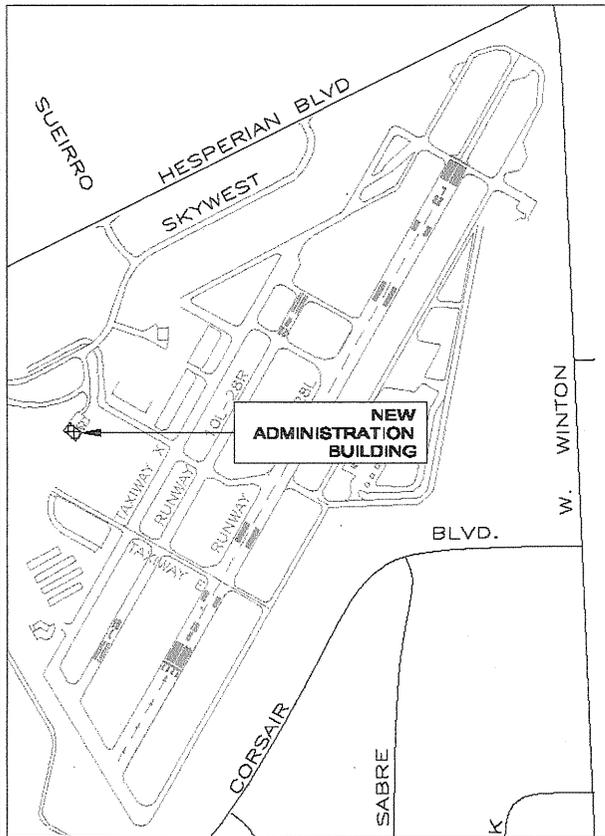
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	300	1,800							2,100
Reimbursements													
Net Cost to Fund	0	0	0	0	300	1,800							2,100



DESCRIPTION:

A public-use administrative building will be constructed along the north side of the transient apron adjacent to the existing Airport Traffic Control Tower. Project delayed to accomplish tenant survey to confirm ranking over other major maintenance expenses.

JUSTIFICATION:

This building will provide a single location for transient users to meet and will provide a facility for pilots to conduct flight planning activities. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project cost by \$38,000 due to more current design and construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Sulphur Creek Mitigation - Design and Construction

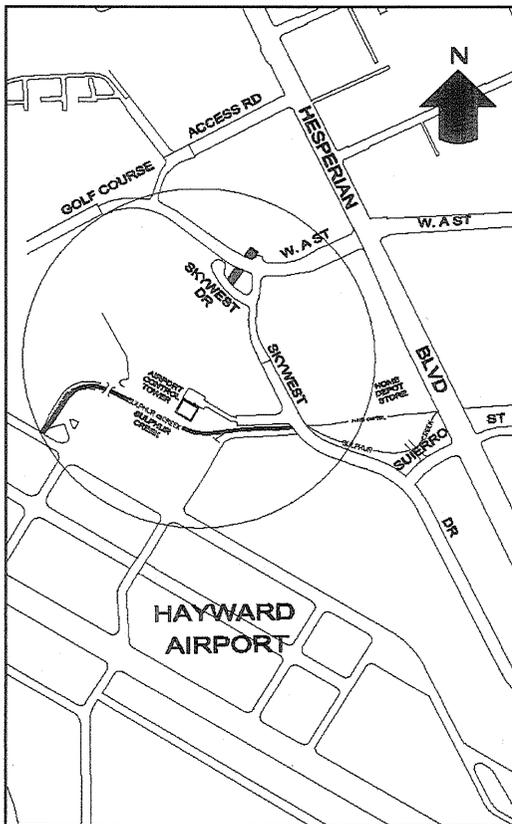
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	3,250									3,250
Reimbursements				(2,925)									(2,925)
Net Cost to Fund	0	0	0	325									325



DESCRIPTION:

This expenditure will allow for the design, engineering, and construction of the project to enclose portions of Sulphur Creek adjacent to RWY 10L.

JUSTIFICATION:

This project would enclose approximately 900 lineal feet of open creek channel to enhance water quality, increase safety and protect migratory waterfowl from coming into contact with aircraft.

REIMBURSEMENTS:

Federal Aviation Administration 2,925

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Potential Runway Safety Area Improvements

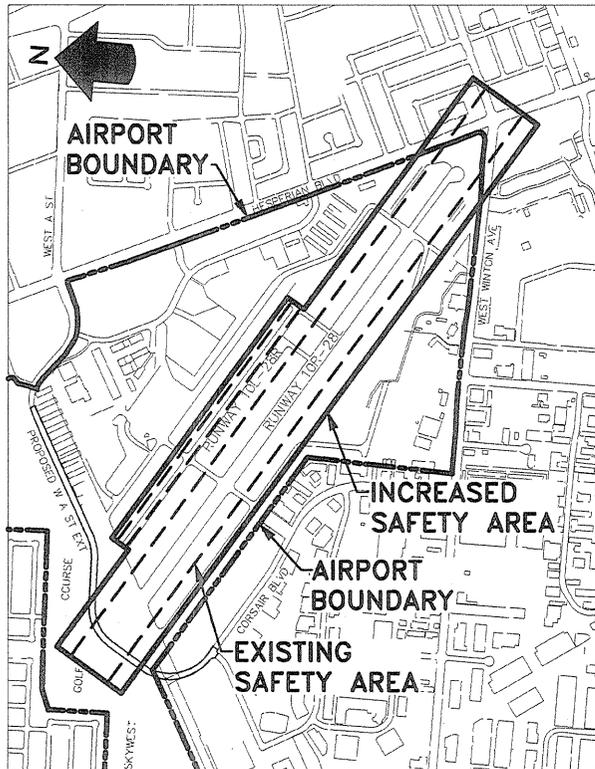
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	2,400								2,400
Reimbursements					(2,160)								(2,160)
Net Cost to Fund	0	0	0	0	240								240



DESCRIPTION:

This project will allow for necessary safety area modifications to include possible golf course at the end of the 10R-28L runways. Specific requirements will be defined by completion of modifications to the Airport Layout Plan Update.

JUSTIFICATION:

The Airport designation has changed from B-II to C-II with associated runway safety area changes. The Airport must meet requirements of the revised safety areas as established by FAA. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

2,160

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Realignment of Taxiway Zulu

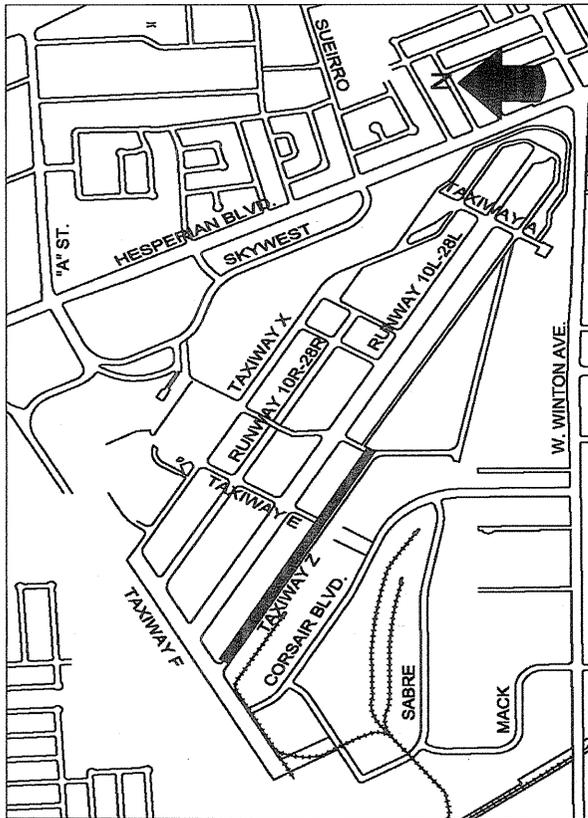
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	3,200							3,200
Reimbursements						(2,880)							(2,880)
Net Cost to Fund	0	0	0	0	0	320							320



DESCRIPTION:

Project will realign Taxiway Zulu.

JUSTIFICATION:

Project recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

2,880

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Renovation of Airfield Lighting and Markings

Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	2,200						2,200
Reimbursements							(1,980)						(1,980)
Net Cost to Fund	0	0	0	0	0	0	220						220

DESCRIPTION:

Replacement of airfield lighting and construction of a new electrical vault will provide for the installation of an LED TWY lighting system.

JUSTIFICATION:

The Airport will realize a significant reduction in maintenance repair, replacement, and utility costs. In addition, project is recommended in the 2002 Airport Master Plan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Federal Aviation Administration

1,980

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Install RENLS and PAPIS

Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	350					350
Reimbursements								(315)					(315)
Net Cost to Fund	0	0	0	0	0	0	0	35					35

DESCRIPTION:

Installation of Runway End Lights (RENLS) on runway 10L/28R and Precision Approach Path Indicators (PAPIS) on runway 10R/28L.

JUSTIFICATION:

This project will improve airfield safety and will allow the Airport to comply with FAA standards. In addition, project is recommended in the 2002 Airport Master Plan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Federal Aviation Administration

315

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Relocate West Access Road and RWY 10R Holding Area

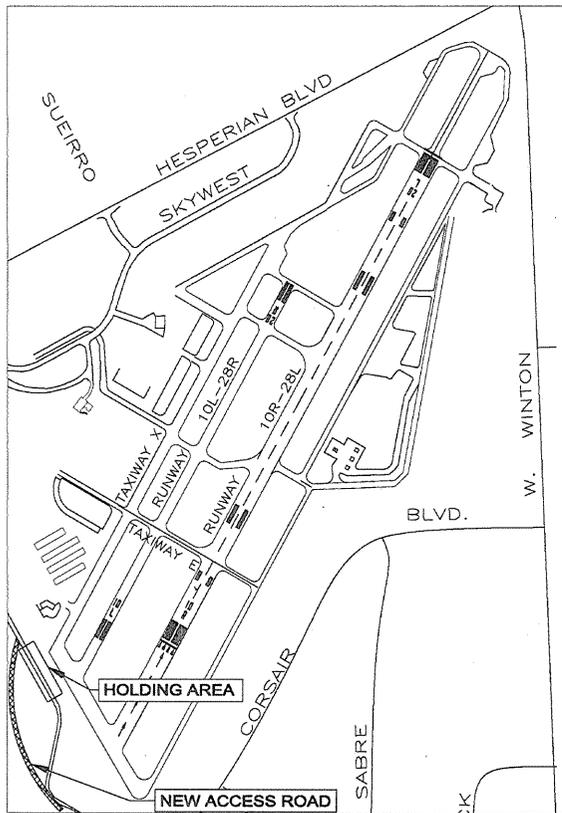
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	700					700
Reimbursements								(630)					(630)
Net Cost to Fund	0	0	0	0	0	0	0	70					70



DESCRIPTION:

Project to move the west perimeter access road and holding area out of the RWY 10R safety area.

JUSTIFICATION:

Due to the Airport category change from a B-II to a C-II classification, the perimeter access road and the holding area for RWY 10R will need to be relocated outside the runway safety area as identified in the new ALP. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

630

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Install Runway End Identifier Lights on Runway 10L/28R

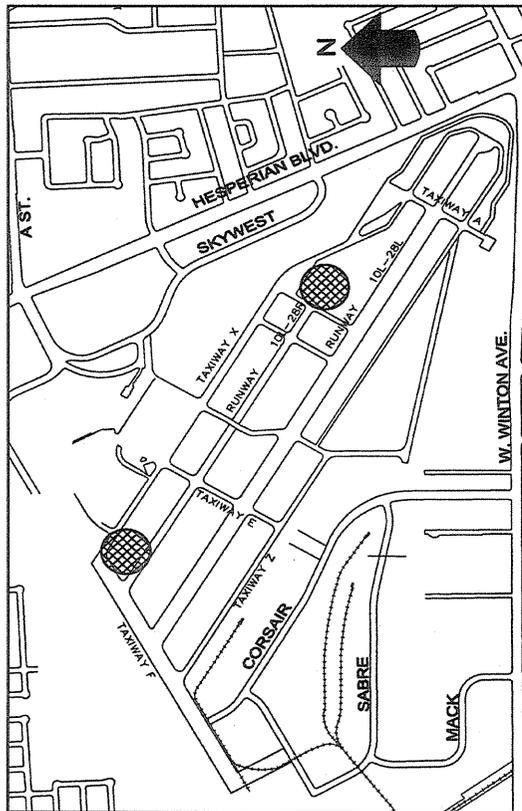
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	350				350
Reimbursements									(315)				(315)
Net Cost to Fund	0	0	0	0	0	0	0	0	35				35



DESCRIPTION:

Project to install runway end identifier lights at the ends of Runway 10L/28R.

JUSTIFICATION:

Project will assist pilots in locating the Runway 10L and 28R ends at night and distinguish the runway threshold lighting from other airfield lights. Project recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

315

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Rehab of TWY Charlie between RWY 10L/28R and 10R/28L & TWY Alpha and 10L/28R & Rehab TWY Delta

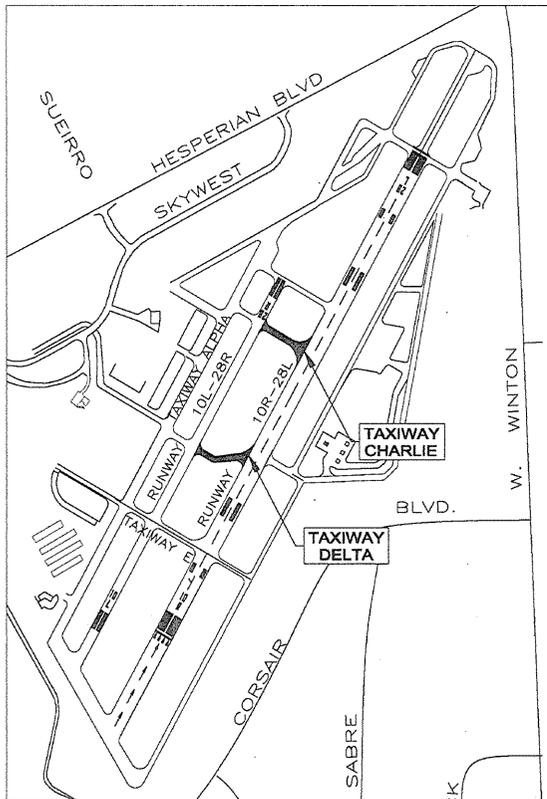
Project No.: To Be Determined

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	895		895
Reimbursements											(806)		(806)
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	89		89



DESCRIPTION:

Project will dig out and repave approximately 22,000 square feet of Taxiway Charlie.

JUSTIFICATION:

The runway is in need of repair due to deterioration and wear. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration

806

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Install Safe Drain System for Existing Storm Drains

Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	150								150
Reimbursements													
Net Cost to Fund	0	0	0	0	150								150

DESCRIPTION:

The "Safe Drain" storm protection system will serve as additional protection for the Airport's existing storm water separator stations and storm drains.

JUSTIFICATION:

The system will prevent hazardous materials from entering into the City's drainage system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Overlay of Tiedown Ramp and Associated Taxiway

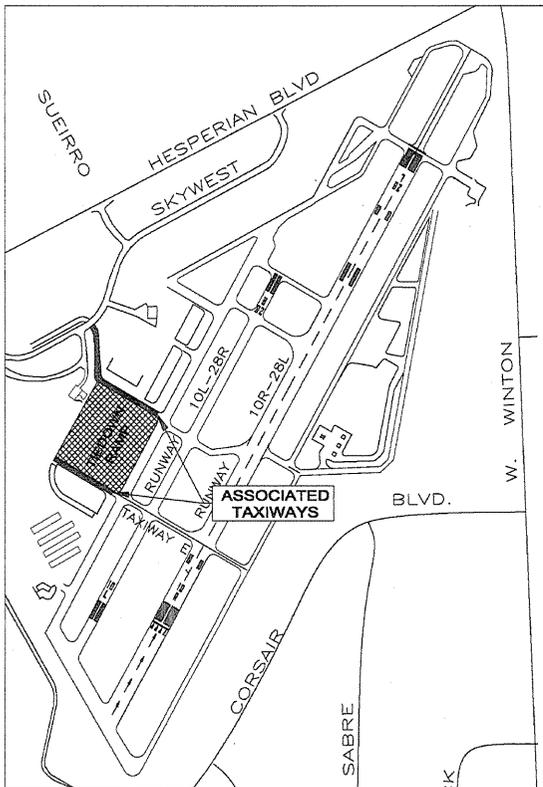
Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	375					375
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	375					375



DESCRIPTION:

Project includes the overlay of existing ramp pavement.

JUSTIFICATION:

The ramp pavement is in need of repair due to deterioration and wear.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Hangar Repainting

Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	460				460
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	460				460

DESCRIPTION:

The Airport hangars will be in need of new paint by FY16.

JUSTIFICATION:

The last coat of paint was applied to the hangars during FY02.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: Replacement Crash Rescue Vehicle

Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	150			150
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	150			150

DESCRIPTION:

An Airport crash rescue vehicle allows firefighters at Fire Station #6 to promptly and safely respond to emergencies involving the larger jet aircraft that are frequenting the Airport on a regular basis.

JUSTIFICATION:

A used vehicle was purchased in FY 2008 and will be due for replacement by FY 2017.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Airport

Project Title: East T-Hangar Foam Re-Roofing

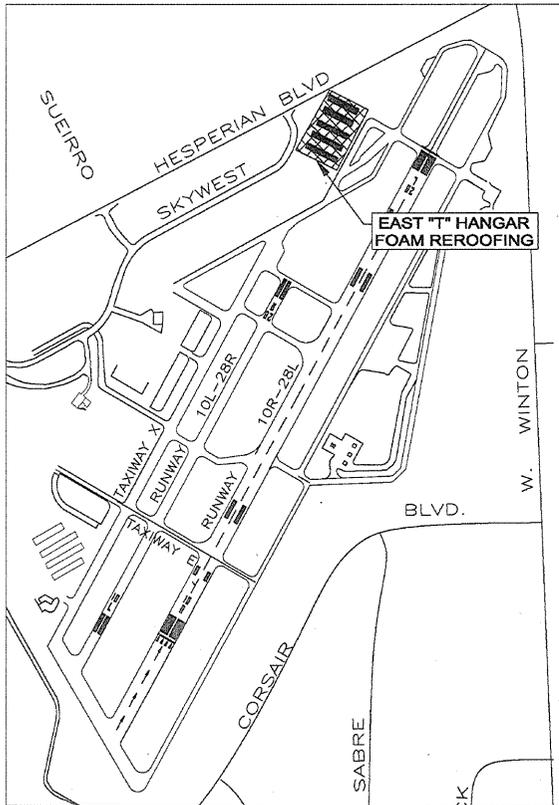
Project No.: New

Fund 632 - Airport Capital Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

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



DESCRIPTION:

Project will replace the existing roofs with a polyurethane foam roof system.

JUSTIFICATION:

The existing roof will be due for replacement by FY19 due to deterioration and age.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



FACILITIES INTERNAL SERVICE FUND - FUND 721

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7212	Diesel Exhaust System for Fire Station No. 7	26	0	26										
7211	Underground Storage Tank Upgrades: PD & Fire Stations 1 & 5	65	0	20	45									
7210	Fire Station Drapery Replacement	56	0	0	28	0	28							
7201	HVAC Replacement/Various Units	230	0	60	70	35	0	35	30					
7203	Roof Repair/Replacement - City Buildings	430	0	90	105	70	65	0	0	0	100			
7202	Miscellaneous Flooring Replacement	395	0	15	15	15	0	15	110	0	25	0	200	
7209	Emergency Generator Replacements - Fire Station Nos. 2-6 and PD Overhaul	180	0	45	55	35	0	0	0	0	0	0	0	45
	TOTAL PROJECT COSTS			256	318	155	93	50	140	0	125	0	200	45
	TOTAL EXPENDITURES			256	318	155	93	50	140	0	125	0	200	45
	REVENUES:													
	Interest			3	5	2	1	1	1	2	3	4	4	3
	Facility Charges					30	80	82	85	87	90	93	96	98
	REVENUE SUBTOTAL:			3	5	32	81	83	86	89	93	97	100	101
	TRANSFERS IN FROM:													
	Fund 410			322	403									
	TRANSFERS SUBTOTAL:			322	403	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			325	408	32	81	83	86	89	93	97	100	101
	BEGINNING FUND BALANCE:			322	472	159	36	24	57	3	93	61	157	57
	ENDING FUND BALANCE:			69	159	36	24	57	3	93	61	157	57	113

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Underground Storage Tank Upgrades - Police Department and Fire Stations 1 and 5
 Project No.: 7211
 Fund 721 - Facilities Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	20	45										65
Reimbursements													
Net Cost to Fund	0	20	45										65

DESCRIPTION:

This project will replace all total containment product line and associated piping at the Police Department as well as Fire Stations 1 and 5.

JUSTIFICATION:

The tanks are currently not in compliance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by \$45,000 to include tanks located at the Police Department and Fire Station No. 5.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Fire Station Drapery Replacement
 Project No.: 7210
 Fund 721 - Facilities Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	28	0	28								56
Reimbursements													
Net Cost to Fund	0	0	28	0	28								56

DESCRIPTION:

Project will replace drapery at Fire Station Nos. 2-7.

JUSTIFICATION:

The existing drapery is old and worn and needs to be replaced.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: HVAC Replacement/Various Units
 Project No.: 7201
 Fund 721 - Facilities Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	60	70	35	0	35	30						230
Reimbursements													
Net Cost to Fund	0	60	70	35	0	35	30						230

DESCRIPTION:

Continuation of project to replace or repair HVAC units in City facilities, per the following schedule: FY10 - Animal Control (HVAC #2) and Water Distribution; FY11 - Main Library; FY13 - Animal Control (split system units); FY14 - Landscape.

JUSTIFICATION:

These units are reaching the end of their useful life, require maintenance, and have decreased in efficiency.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by \$30,000 to purchase a landscape package HVAC unit in FY 2014.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Roof Repair/Replacement - City Buildings
 Project No.: 7203
 Fund 721 - Facilities Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	90	105	70	65	0	0	0	100				430
Reimbursements													
Net Cost to Fund	0	90	105	70	65	0	0	0	100				430

DESCRIPTION:

Continuation of project to replace or repair roofing on various City buildings, per the following schedule: FY10 - Equipment Management, and the Main Library; FY11 - Fire Station 4; FY12 - Fire Station 3; FY16 - Barnes Court.

JUSTIFICATION:

Roofing at various locations requires extensive repair or replacement due to old age and/or deterioration.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding for project by \$190,000 in order to accommodate roof repair at the locations noted above.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Miscellaneous Flooring Replacement
 Project No.: 7202
 Fund 721 - Facilities Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	15	15	15	0	15	110	0	25	0	200		395
Reimbursements													
Net Cost to Fund	0	15	15	15	0	15	110	0	25	0	200		395

DESCRIPTION:

Project to replace worn carpeting and vinyl flooring in various City facilities, per the following schedule: FY10 - Fire Station 3; FY11 - Landscape and Facilities; FY13 - Police Department (women's locker); FY14 - Fire Station 1, City Hall, and Police Department (corridors); FY16 - Police Department (back corridor); FY18 - City Hall.

JUSTIFICATION:

Flooring has reached the end of its useful life and needs replacement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding for project by \$320,000 in order to accommodate carpeting and flooring replacements at the locations noted above.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Building/Miscellaneous Project Title: Emergency Generator Replacements-Fire Stations 2-6 and Overhaul of Unit at the Police Department
 Project No.: 7209
 Fund 721 - Facilities Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	45	55	35	0	0	0	0	0	0	0	45	180
Reimbursements													
Net Cost to Fund	0	45	55	35	0	0	0	0	0	0	0	45	180

DESCRIPTION:

The older emergency generators at Fire Station Nos. 2-6 and the Police Department will be replaced.

JUSTIFICATION:

The generators are 30 years old and have reached the end of their projected life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by \$45,000 in order to overhaul the Police Department generator during FY 2019.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



TECHNOLOGY SERVICES INTERNAL SERVICE FUND - FUND 726

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
7252	Remote Field Access to Permit System	100	0	100										
7253	Desktop Computer Replacement Program	750	0	250	300	100	100							
NEW	Network Server and Public Safety Mobile Replacement Project	640	0	0	0	0	80	80	80	80	80	80	80	80
	TOTAL PROJECT COSTS			350	300	100	180	80	80	80	80	80	80	80
	TOTAL EXPENDITURES			350	300	100	180	80	80	80	80	80	80	80
	REVENUES:													
	Interest			4	3	0	0	0	0	1	1	2	2	3
	Information Technology Charges			0	0	0	80	82	84	87	90	92	95	98
	REVENUE SUBTOTAL:			4	3	0	80	82	84	88	91	94	97	101
	TRANSFERS IN FROM:													
	Fund 410			350	300	100	100							
	TRANSFERS SUBTOTAL:			350	300	100	100	0	0	0	0	0	0	0
	REVENUE TOTALS:			354	303	100	180	82	84	88	91	94	97	101
	BEGINNING FUND BALANCE:			350	304	7	7	7	9	13	21	32	46	63
	ENDING FUND BALANCE:			4	7	7	7	9	13	21	32	46	63	84

CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: Desktop Computer Replacement Program
 Project No.: 7253
 Fund 726 - Technology Services Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	250	300	100	100								750
Reimbursements													
Net Cost to Fund	0	250	300	100	100								750

DESCRIPTION:

This project will systematically replace desktop computers City-wide.

JUSTIFICATION:

The majority of the desktop computer systems in use by City staff are more than four years old and are now considered obsolete according to industry standards.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY10 - FY19

CATEGORY: Equipment Acquisition Project Title: Network Server and Public Safety Mobile Replacement Project
 Project No.: New
 Fund 726 - Technology Services Internal Service Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	TOTALS
Expenditures	0	0	0	0	80	80	80	80	80	80	80	80	640
Reimbursements													
Net Cost to Fund	0	0	0	0	80	80	80	80	80	80	80	80	640

DESCRIPTION:

This project will partially fund the systematic replacement of both network servers and public safety's mobile computer units.

JUSTIFICATION:

The majority of the servers and mobile computer units in use by the City are more than four years old and are now considered obsolete according to industry standards.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



IDENTIFIED CAPITAL NEEDS

IDENTIFIED CAPITAL NEEDS

Projects included in this section are those projects that have been identified in approved City Policy Documents as needed or desired, but are not currently fundable in the City's Capital Improvement Program. The City policy document(s) which contains the project is noted in italics. It should be noted that this list has been reduced somewhat due to the successful completion of a project or its inclusion into one of the major projects scheduled within the timeline of this ten-year CIP (i.e. the Route 238 Corridor Improvement Project) as indicated below.

LANDSCAPING PROJECTS	<u>FY10 Total</u>
<p>1. W. Winton Avenue Median Landscaping Installation of decorative paving, trees, landscaping, and irrigation system on W. Winton Avenue from Stonewall Avenue east to Santa Clara Street. <i>1987 Landscape Beautification Plan</i></p>	\$ 446,000
<p>2. Landscape Median Improvement on Mission -- Jackson to Harder Road (this is being accomplished with the Route 238 Corridor Improvement Project) Planting of trees and shrubs in Mission Boulevard median from Jackson Street to Harder Road. <i>1992 Mission/Foothills Neighborhood Plan</i></p>	0
<p>3. Landscape Median Improvement on Mission -- Harder to Industrial Parkway (this is being accomplished with the Route 238 Corridor Improvement Project) Planting of trees and shrubs in Mission Boulevard median from Harder Road to Industrial Parkway. <i>1987 Mission/Garin Neighborhood Plan</i></p>	0
<p>4. Median Improvements on Hesperian -- W. Winton to West Street Planting of trees and shrubs and addition of decorative paving in Hesperian Boulevard median from W. Winton to West Street. <i>1987 Landscape Beautification Plan</i></p>	381,000
<p>5. Huntwood Avenue/Leidig Court Street Tree Planting Planting of trees along east side of street from Schafer Road to Tennyson Road to screen SPRR tracks. <i>1989 Harder/Tennyson Neighborhood Plan</i></p>	83,000
<p>6. Landscape Hazel and Main Streets Remove concrete and plant street trees on Hazel and Main Streets. <i>1994 North Hayward Neighborhood Plan</i></p>	38,000
<p>7. Landscape Renovation of Industrial Parkway -- Hesperian to Mission Boulevard Complete landscape renovation and median curb replacement between Hesperian Boulevard and Mission Boulevard. <i>1987 Landscape Beautification Plan</i></p>	1,304,000
<p>8. Landscape Airport Frontage - Hesperian Boulevard and W. Winton Avenue (this is being completed by the Airport) Replacement of existing landscaping and installation of new irrigation at Hesperian Boulevard and W. Winton Avenue. <i>1987 Landscape Beautification Plan</i></p>	0

LANDSCAPING PROJECTS (Continued)

FY10 Total

9.	Median Improvements on Mission -- Industrial to South City Limits Installation of landscaping in existing median from Industrial Parkway to south City limits. <i>1987 Landscape Beautification Plan</i>	1,114,000
10.	Landscape West Side of Mission -- Stony Brook Property to South City Limits Installation of landscaping and sidewalk in City planting easement from Stony Brook property to south City limits. <i>1996 Fairway Park Neighborhood Plan</i>	200,000
11.	Landscape Improvements on Mission Boulevard east side, north of Fairway Street, along the par course and north to Arrowhead - Extend the greenway, install foot-path lighting, and install sidewalk and bike path. <i>1996 Fairway Park Neighborhood Plan</i>	285,000
12.	Landscape Improvements on Mission Boulevard at Fairway, Rousseau, Corrine/Gresel, Blanche and Lafayette - Improvement of landscaping at neighborhood entryways. <i>1996 Fairway Park Neighborhood Plan</i>	385,000
13.	San Lorenzo Creek Gateway Open Space - Foothill/City Center (Redevelopment) Landscape improvements at Foothill Boulevard and City Center Drive - adjacent to San Lorenzo Creek - to beautify entrance to downtown. <i>1992 Downtown Hayward Design Plan</i>	731,000
14.	Gateway Open Space - Fault Corridor - Foothill/Mission/Main (Redevelopment) Landscape improvements at Foothill Boulevard, Mission Boulevard, and Main Street - to beautify entrance to downtown. <i>1987 Landscape Beautification Plan</i>	1,394,000
		\$ 6,361,000

TECHNOLOGY SERVICES PROJECTS

1.	Business Intelligence Software Software will allow the Finance Department to process information pertaining to financial-related management functions. <i>2008 Technology Strategic Plan</i>	\$ 150,000
2.	Enterprise Resource Planning (ERP) System Replace existing financial system with system-wide integrated ERP. <i>2008 Technology Strategic Plan</i>	\$ 6,000,000
3.	Consolidated Response Management (CRM) System (to be fully implemented by FY 2010) Provide systemic way to manage citizen requests. <i>2008 Technology Strategic Plan</i>	0

TECHNOLOGY SERVICES PROJECTS (Continued)

FY10 Total

4.	Public Safety CAD/RMS System Replacement Replace existing outdated CAD/RMS system for Fire and Police use. <i>2008 Technology Strategic Plan</i>	5,000,000
5.	Departmental Systems Replacement Software purchases pertaining to the specific needs of each of the City's departments/divisions. <i>2008 Technology Strategic Plan</i>	375,000
		\$ 11,525,000

FACILITIES PROJECTS

Major New Facilities Projects

1.	Replacement Police Station Replacement for 1972 vintage existing facility with 80,000 square foot police headquarters and 15,000 square foot jail facility. Cost does not include land. <i>2008 Police Department Strategic Plan</i>	65,000,000
2.	Fire Truck Building Addition and Washrack Addition Extend the existing equipment maintenance facility to create a dedicated space to perform repairs to fire fighting equipment as well as construction of a washrack enclosure next to the new fire equipment stall <i>FY 2010 Identified Needs List for CIP</i>	980,000
10.	New Fire Station #7 A new fire station is needed in order to replace the existing portable buildings, which are showing "wear and tear" <i>FY 2010 Identified Needs List for CIP</i>	8,125,000
11.	Drill Grounds Renovations - Fire Station #6 Replace aging and deteriorating training grounds, classrooms, offices, tower, burn building, simulators, apparatus housing and recruit living quarters <i>FY 2010 Identified Needs List for CIP</i>	8,200,000
12.	New Fire Station #9 A new fire house would be built on the south end of Campus Drive <i>FY 2010 Identified Needs List for CIP</i>	4,500,000
		\$ 86,805,000

Facility Maintenance and Improvement Projects

1.	Lighting Retrofit at City Hall and Police Department Lamps and ballasts that utilize the newest available technology would save the City \$45,000 per year on energy costs <i>FY 2010 Identified Needs List for CIP</i>	\$ 179,000
----	---	------------

Facility Maintenance and Improvement Projects (Continued)

	<u>FY10 Total</u>
2. Police Department Fire Alarm Water Flow System Replacement This new system would notify the Police Department where water flow takes place in case of fire <i>FY 2010 Identified Needs List for CIP</i>	30,000
3. Replace Surveillance Camera System at City Hall Replace 12-year old camera system in the basement and plaza areas of City Hall <i>FY 2010 Identified Needs List for CIP</i>	35,000
4. Replace Card Access System at City Hall Replace 12-year old system <i>FY 2010 Identified Needs List for CIP</i>	40,000
5. Painting Projects - Miscellaneous Buildings Project would allow for the painting of the parking garage at the City Center building as well as Fire Station #1 <i>FY 2010 Identified Needs List for CIP</i>	165,000
6. Lexan Window Replacement for 1930 City Hall The Lexan plastic windows would replace the broken glass windows on both the ground floor and second floor of the building <i>FY 2010 Identified Needs List for CIP</i>	15,000
7. Animal Control Air Conditioning Project Provide air conditioning to wards, staff areas and public viewing areas <i>FY 2010 Identified Needs List for CIP</i>	270,000
8. Equipment Yard Metal Canopy Installation of a canopy across the five roll-up doors at Fleet Management <i>FY 2010 Identified Needs List for CIP</i>	60,000
9. Permanent EOC Structure - Fire Station #1 An existing conference room at Fire Station #1 would be converted into a fire department EOC <i>FY 2010 Identified Needs List for CIP</i>	60,000
10. Station #1 Carport Construct a 20' by 30' covered parking area with a charging station <i>FY 2010 Identified Needs List for CIP</i>	25,000
11. Station #1 Storage Building Construct a storage building located near the rear of fire station #1 <i>FY 2010 Identified Needs List for CIP</i>	350,000

FACILITIES PROJECTS (Continued)		<u>FY10 Total</u>
12.	Remodel of Stations 2, 3, 4, 5, and 6 Each station is in need of remodeling, which includes items such as floor coverings, makeover of bathrooms, painting, and window & wall coverings <i>FY 2010 Identified Needs List for CIP</i>	450,000
13.	Fire Station #1 Carpeting Replace all carpeted areas within Fire Station #1 <i>FY 2010 Identified Needs List for CIP</i>	50,000
14.	Kitchen Renovations for Stations 2, 3, 4, 5, and 6 Renovation of kitchens at each station; items to be replaced include cabinets, oven/stoves, flooring, and counter tops as well as re-evaluation of overall design layout <i>FY 2010 Identified Needs List for CIP</i>	500,000
15.	Fire Stations #3 and #4 Landscaping Replace existing landscaping and aging sprinkler system <i>FY 2010 Identified Needs List for CIP</i>	16,000
16.	Fire Station #9 Soundscaping (noise buffer) Plant trees along the property line on the east side of Fire Station #9 to provide a noise buffer within the neighborhood <i>FY 2010 Identified Needs List for CIP</i>	20,000
		<u>\$ 2,265,000</u>

VEHICLE REPLACEMENT NEEDS

The following summarized list of vehicle replacement requirements have been identified based on replacing police vehicles every 4 years, other general vehicles every 7 years and major equipment such as fire trucks based on mileage standards.

FY10	Police Vehicles	140,000
	Fire-Engine and Ladder Trucks	1,019,458
	All Others	813,784
FY11	Police Vehicles	544,553
	Fire-Engine and Ladder Trucks	563,334
	All Others	616,158
FY12	Police Vehicles	555,444
	Fire-Engine and Ladder Trucks	580,238
	All Others	810,271

VEHICLE REPLACEMENT NEEDS (Continued)

	<u>FY10 Total</u>
FY13 Police Vehicles	0
Fire-Engine and Ladder Trucks	597,645
All Others	523,709
FY14 Police Vehicles	577,883
Fire-Engine and Ladder Trucks	615,574
All Others	259,111
FY15 Police Vehicles	589,441
Fire-Engine and Ladder Trucks	634,041
All Others	159,817
FY16 Police Vehicles	601,230
Fire-Engine and Ladder Trucks	653,063
All Others	380,284
FY17 Police Vehicles	613,254
Fire-Engine and Ladder Trucks	1,059,500
All Others	286,966
FY18 Police Vehicles	625,529
Fire-Engine and Ladder Trucks	702,826
All Others	360,258
FY19 Police Vehicles	638,030
Fire-Engine and Ladder Trucks	0
All Others	254,513
	<u>\$ 15,775,914</u>

STREET IMPROVEMENT PROJECTS

1. Walpert Street Improvement - Second Street to Fletcher Lane Widening and reconstruction of Walpert Street from Second Street to Fletcher Lane. <i>1992 Mission Foothills Neighborhood Plan</i>	\$ 631,000
2. Hazel Street Bridge Restoration Restoration of bridge, sidewalk, concrete curb and gutter (including utility undergrounding) and tree planting on Hazel Avenue from Foothill Boulevard to Main Street. <i>1994 North Hayward Neighborhood Plan</i>	274,000
3. Huntwood - Industrial Parkway to Tennyson Road - Medians Construct medians <i>1989 Tennyson/Alquire Neighborhood Plan</i>	1,175,000
	<u>\$ 2,080,000</u>

Alternate Modes Projects	FY10 Total
1. Implementation of Bicycle Master Plan Improvements Construct bike paths to link existing bike path along Industrial Parkway and Mission. <i>1996 Fairway Park Neighborhood Plan</i>	101,000
2. Carlos Bee Boulevard/Hayward Boulevard/Campus Drive Sidewalks Completion of sidewalks and walkways along these major arterials. <i>1998 Hayward Highlands Neighborhood Plan</i>	1,522,000
3. Pedestrian Safety Improvements - Flashing Beacons for School Crossing on Amador Street between Jackson & Elmhurst, and pedestrian access from Amador to Park Elementary School. <i>1995 Santa Clara Neighborhood Plan</i>	19,000
4. Pedestrian Overcrossing of Southern Pacific Railroad Tracks Construct pedestrian overcrossing at Huntwood Avenue and Schafer Road to facilitate safe crossing of students to Tennyson High School. <i>1989 Harder/Tennyson Neighborhood Plan</i>	957,000
5. Cannery Pedestrian Bridge Construction of a pedestrian/bicycle railroad overcrossing that will span the Union Pacific Railroad tracks and connect an existing, large community park (Centennial Park) and established residential neighborhood with a major new housing/mixed use development in the Cannery Redevelopment Area. <i>2001 Cannery Area Design Plan</i>	1,975,000
6. Tennyson Pedestrian Bridge Construction of a pedestrian/bicycle railroad overcrossing that will parallel the Union Pacific Railroad and BART tracks across Tennyson Road and connect the existing bicycle and pedestrian path (called the Nuestro Parquecito) with the South Hayward BART station. <i>2007 South Hayward BART Concept Design Plan</i>	1,500,000
	\$ 6,074,000
 INDUSTRIAL ASSESSMENT DISTRICT PROJECTS	
1. West "A" Street Extension, Hesperian Boulevard to Corsair Boulevard (this is being accomplished with the Route 92/880 Reliever Route Project) Construction of West "A" Street 80' right-of-way, 68' curb-to-curb from Golf Course Road to the proposed extension of Corsair Boulevard. <i>2002 General Plan Circulation Element</i>	\$ 0
2. Whitesell Drive Extension - Depot Road to Route 92 (this is being accomplished with the Route 92/880 Reliever Route Project) Extension of Whitesell Drive from Depot Road to Route 92. <i>2002 General Plan Circulation Element</i>	0

INDUSTRIAL ASSESSMENT DISTRICT PROJECTS (Continued)

	<u>FY10 Total</u>
3. Cabot Boulevard at West Winton Avenue Traffic Signal (this is being accomplished with the Route 92/880 Reliever Route Project) Installation of traffic signal. <i>2002 General Plan Circulation Element</i>	0
4. Whitesell/Clawiter/Route 92 Interchange Construction of a new interchange with a Whitesell Drive overcrossing of Route 92. <i>2002 General Plan Circulation Element</i>	48,805,000
5. Whitesell/Breakwater Traffic Signal Installation of traffic signal. <i>2002 General Plan Circulation Element</i>	312,000
6. Traffic Signal, additional, as needed Installation of traffic signal, as needed. <i>2002 General Plan Circulation Element</i>	312,000
7. Baumberg Avenue Widening <i>2002 General Plan Circulation Element</i>	1,297,000
	<hr/> \$ 50,726,000
 TRANSPORTATION IMPROVEMENT PROJECTS	
1. Traffic Signal - Hesperian/Catalpa <i>1996 Glen Eden Neighborhood Plan</i>	\$ 217,000
2. I-880 Southbound Off Ramps at A Street Install dual right turn lane. <i>2002 General Plan Circulation Element</i>	179,000
3. Industrial Parkway/Route 92 Westbound Ramp Install dual left turn lane. <i>2002 General Plan Circulation Element</i>	444,000
4. Mission Boulevard/Harder Road Eastbound Left Turn Lane (this is being accomplished with the Route 238 Corridor Improvement Project) Add a second eastbound left turn lane. <i>2002 General Plan Circulation Element</i>	0
5. Mission Boulevard/Carlos Bee Boulevard (this is being accomplished with the Route 238 Corridor Improvement Project) Add eastbound, westbound, and southbound left turn lanes and northbound through lane. All except southbound improvements to be constructed as part of the Hayward Bypass and/or Walpert Ridge mitigations. <i>2002 General Plan Circulation Element</i>	0

TRANSPORTATION IMPROVEMENT PROJECTS (Continued)

FY10 Total

6.	"A" Street to "D" Street Connector Add two-lane road at Fourth Street. <i>2002 General Plan Circulation Element</i>	2,545,000
7.	Protected Left Turn Phase for Hesperian/Arf/Panama <i>1996 Glen Eden Neighborhood Plan</i>	99,000
8.	Traffic Signal - "B"/Montgomery (stop signs installed) <i>1994 North Hayward Neighborhood Plan</i>	217,000
		\$ 3,701,000

AIRPORT PROJECTS

1.	Terminal Building/Vehicle Parking (programmed in 10-year plan) Construction of new terminal building to accommodate the following possible features: vehicle parking, Airport administrative functions, restaurant, pilot's lounge and flight planning center, lobby area, vending area, and restrooms. <i>2002 Airport Master Plan</i>	\$ 0
2.	Clawiter Road Extension/Southside Vehicle Access (to be part of private Southside development) Extend Clawiter Road onto Airport to accommodate southside vehicle access. Entrance gate and security fencing included. <i>2002 Airport Master Plan</i>	0
3.	Construct South T-Hangars/Taxi Lanes and Vehicle Access (programmed in 10-year plan) Construct T-Hangars and associated infrastructure for aircraft storage. <i>2002 Airport Master Plan</i>	0
4.	Pavement Preservation (programmed in 10-year plan) Rehabilitation, overlay, and sealing of various asphalt pavement surfaces used by aircraft. <i>2002 Airport Master Plan</i>	0
5.	Rehabilitation of Taxiway Alpha (programmed in 10-year plan) Overlay existing asphalt on major portions of Taxiway Alpha <i>2002 Airport Master Plan</i>	0
6.	Replace Taxiway/Runway Wiring (programmed in 10-year plan) Replace electrical wiring to the runway and taxiway lights and add position lighting. <i>2002 Airport Master Plan</i>	0
7.	West T-Hangar Ramp Rehabilitation (programmed in 10-year plan) Overlay existing asphalt ramp between the West T-Hangar buildings <i>2002 Airport Master Plan</i>	0

AIRPORT PROJECTS (Continued)

	<u>FY10 Total</u>
8. Rehabilitate Taxiways "B," "C," "D," and "E" (programmed in 10-year plan) Overlay Taxiways "B," "C," "D," and "E" <i>2002 Airport Master Plan</i>	0
9. Rehabilitate Taxiway Zulu (programmed in 10-year plan) Overlay existing asphalt in Taxiway Zulu from the blast fence to Taxiway Delta. <i>2002 Airport Master Plan</i>	0
10. Tiedown Ramp Rehabilitation (programmed in 10-year plan) Overlay existing asphalt on tie-down ramp. <i>2002 Airport Master Plan</i>	0
	<hr/>
	0
 IDENTIFIED CAPITAL NEEDS TOTAL	 \$ 185,312,914

PROJECT INDEX

PROJECT INDEX
(By Project Number)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
5101 - Pavement Rehabilitation - Portions of Industrial from 880 to 92.....	93, 96
5102 - Landscape Material/Street Tree Replacements	81, 87
5105 - Carlos Bee Realignment.....	93, 97
5106 - Project Predesign Services (Gas Tax).....	48, 52
5110 - Pavement Management Program.....	48, 53
5114 - Administration and Predesign	122, 124
5116 - Congestion Management Program	48, 54
5117 - Route 238 Corridor Improvement Project: Design, Right-of-Way and Construction	122, 123
5122 - Wheelchair Ramps FY09 - Districts 7 & 10.....	48, 50
5128 - New Street Tree Inventory Software and Data Update	48, 51
5132 - New and Replacement Street Lights.....	48, 55
5133 - StreetView System Upgrade.....	48, 57
5140 - Miscellaneous Curb and Gutter Repair	48, 56
5143 - Mount Eden Annexation Improvements - Phase II.....	93, 98
5144 - Pavement Reconstruction - Eden Landing Road, Lincoln Avenue and San Luis Obispo Avenue	93, 99
5160 - Surplus Property Maintenance	81, 88
5166 - Speed Monitoring Devices	64, 68
5171 - Pavement Rehabilitation - Measure B FY10.....	64, 65
5175 - Pedestrian Traffic Signal Improvements	75, 76
5193 - Median Landscaping Improvement Project.....	93, 100
5197 - 880/92 Reliever Route Project - Phase I	93, 101
5709 - Traffic Control Devices Repair/Replacement	113, 114
5734 - Speed Hump Installation Program.....	113, 115
5856 - Controller Cabinet Replacement Program.....	113, 116
5877 - Transportation System Management Projects	113, 117
5893 - Quick Response Traffic Safety Projects.....	113, 118
6121 - Property Taxes on Excess Right-of-Way	81, 89
6805 - Project Predesign Services (Airport Capital Improvement)	239, 243
6806 - Consultant Predesign Services (Airport Capital Improvement)	239, 244
6836 - Vehicle Access for Corsair Hangars.....	239, 247
6842 - Airport Layout Plan Update	239, 242
6891 - Miscellaneous Pavement, Building, and Grounds Repairs.....	239, 245
6892 - New Library - Programming/Design	81, 85
6897 - Rehabilitation of Main Electrical Service Lines to Airport Tower.....	239, 248
6898 - Noise Monitoring Equipment Upgrade	239, 246
6907 - Project Predesign Services (Capital Improvement)	81, 90
6938 - Annual Median Tree & Shrub Replacement	81, 91

PROJECT INDEX
(By Project Number)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
6950 - Neighborhood Improvement Project.....	81, 92
6951 - City Gateways	81, 83
6968 - Sealing Centennial Hall Parking Deck	81, 86
6978 - Foothill Gateway Landscape Plan	81, 84
7003 - Miscellaneous Hydrant Replacement Program.....	216, 220
7006 - Annual System Replacement Program (Water).....	216, 221
7013 - High Efficiency Fixture Replacement Program.....	216, 222
7023 - Installation of Emergency Sudden Loss Valves at Various Locations	197, 203
7024 - Reservoir Landscape Improvements (Seven Sites)	197, 199
7029 - Project Predesign Services (Water System Capital Improvement).....	197, 201
7030 - Project Predesign Services (Water System Replacement).....	216, 223
7037 - Aqueducts Record Drawings Update	216, 224
7043 - Asset Management Plan (Sewer).....	216, 225
7045 - 250-500 16” Transmission Main Replacement - Highland Boulevard.....	216, 231
7046 - Replace 16” Water Line near Mission and Willis.....	216, 226
7047 - Landscape Audits and Water Efficient Landscape Rebates	216, 218
7119 - Radio Telemetry & Transducer Replacement & Upgrade.....	197, 202
7136 - System Seismic Upgrades	197, 207
7138 - Install Water Line Looping Near BART Tracks & Whipple Road.....	197, 209
7139 - Install Water Line at Golf Course Access Road.....	197, 200
7140 - Parallel Supply to the 330 Zone	197, 210
7160 - Seismic Retrofit Maitland Reservoir & Appurtenances	197, 204
7161 - Seismic Retrofit “D” Street Reservoir.....	197, 205
7163 - Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand	216, 227
7165 - Highland 1000 Reservoir Replacement.....	216, 219
7172 - New 3 MG Reservoir at High School Reservoir Site	197, 214
7173 - Seismic Retrofit Highland 250 Reservoirs	197, 206
7201 - HVAC Replacement/Various Units.....	266, 269
7202 - Miscellaneous Flooring Replacement	266, 271
7203 - Roof Repair/Replacement - City Buildings.....	266, 270
7209 - Emergency Generator Replacements - Fire Station Nos. 2-6 and PD Overhaul.....	266, 272
7210 - Fire Station Drapery Replacement	266, 268
7211 - Underground Storage Tank Upgrades – PD and Fire Station Nos. 1 & 5	266, 267
7253 - Desktop Computer Replacement Program	273, 274
7515 - Convert Gravity Thickener to New Primary Clarifier	126, 132
7516 - EBDA Outfall Replacement Payment	167, 176
7519 - “A” Street and Yolo Street Easement Sewer Improvement.....	126, 128
7520 - Sludge Handling Master Plan.....	126, 131

PROJECT INDEX
(By Project Number)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
7523 - Project Predesign Services (Sewer Capital Improvement).....	126, 130
7524 - Project Predesign Services (Sewer Collection System Replacement).....	148, 151
7528 - WPCF Administration Building HVAC Renovation Project	126, 139
7529 - Miscellaneous Plant Replacements (WPCF).....	167, 177
7531 - Asset Management Plan (Water).....	148, 154
7535 - Annual Line Replacements FY09 (Sewer).....	148, 155
7545 - Water Pollution Control Facility Shrub Planting.....	126, 129
7546 - Sunset Area Sewer Capacity Study	148, 156
7547 - Sewer Replacement at Linden Street, Madrone Street, and Beech Street Easement Areas.....	148, 161
7550 - Dixon Area Sewer Improvement Project.....	148, 150
7575 - Miscellaneous Lift Station Equipment Replacement.....	148, 152
7594 - SCADA and Transducer Replacement	148, 153
7596 - SCADA System Miscellaneous Replacements.....	167, 178
7639 - West Trickling Filter Replacement	167, 182
7640 - Enclose Effluent Channel.....	167, 173
7641 - Enclose Effluent Contact Channel.....	126, 133
7644 - Sludge Lagoon #494 Pump Relocation	167, 183
7646 - Primary Clarifiers Rehabilitation	167, 174
7648 - Seismic Retrofit Miscellaneous Plant Buildings	167, 169
7649 - Headworks Ventilation System Evaluation	167, 171
7651 - Co-Generation Alternative - Study and Implementation	167, 172
7654 - Levee Road and Effluent Channel Repair	167, 170
7656 - Main 480V MCC Electrical Distribution Repairs	167, 175
New - Airport Operations and Command Vehicle.....	239, 250
New - City-owned Turf Area Assessment and Pilot Turf Replacement Program.....	216, 228
New - Citywide Intersection Improvement Study.....	113, 119
New - Demonstration Garden at City Hall.....	216, 229
New - Digester #1 Cleaning and Dome Rehabilitation.....	168, 196
New - Digester #1 Cleaning	167, 190
New - Digester #2 Cleaning and Dome Rehabilitation.....	168, 194
New - Digester #2 Cleaning	167, 184
New - Digester #3 Cleaning and Dome Rehabilitation.....	168, 191
New - East T-Hangar Foam Re-Roofing	240, 265
New - Gravity Belt Thickener Rebuilding.....	168, 195
New - Groundwater Management Plan Modeling & Implementation	197, 213
New - Hangar Repainting	240, 263
New - Headworks Hydraulic Valve Actuator and Shaft Replacement.....	167, 185
New - Headworks Interior (Wetside and Dryside) Painting	167, 181

PROJECT INDEX
(By Project Number)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
New - High School Reservoir Roof Replacement	197, 208
New - Highland 250 Pump Station Upgrade	216, 233
New - Install Safe Drain System for Existing Storm Drains	240, 261
New - Line Lazer Striping & Crack Sealer Equipment	239, 249
New - Network Server and Public Safety Mobile Replacement Project.....	273, 275
New - New Final Clarifier	126, 147
New - Overlay of Tiedown Ramp and Associated Taxiway	240, 262
New - Pavement Rehabilitation - Slurry Seal - Districts 17 & 21.....	94, 102
New - Pavement Rehabilitation - Slurry Seal - Locations TBD	94, 112
New - Plant Exterior Buildings Painting	167, 186
New - Project Predesign Services (Street System Improvements).....	94, 107
New - Recycled Water Treatment and Distribution Facilities	126, 143
New - Replacement Crash Rescue Vehicle.....	240, 264
New - Sanitary Sewer Overflow (SSO) Response Trailer	148, 157
New - SCADA Computer Node and Server Upgrade (Sewer)	167, 188
New - SCADA System Evaluation and Upgrade (Sewer Collection System)	148, 166
New - SCADA System Evaluation and Upgrade (Water Pollution Control).....	168, 193
New - SCADA System Evaluation and Upgrade (Water System Replacement)	216, 237
New - Sewer Collection System Master Plan Recommendations	148, 164
New - Sewer Collection System Master Plan	148, 163
New - Sidewalk Repair - B Street from Grand to Martin Luther King Drive	94, 103
New - Solar Power Design and Construction	126, 138
New - Solids Contact Tank Grounds Improvement.....	167, 189
New - Storage Ponds Evaluation and Rehabilitation	126, 146
New - Study of Impacts of Whitesell Extension on WPCF	126, 134
New - Submersible Pump Replacement at Durham, Linden, and Halifax Sewage Pump Stations	148, 158
New - Underground 2 MG Reservoir at Hesperian Site	197, 215
New - Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation	148, 165
New - Water System Master Plan Improvement Projects.....	197, 212
New - Water System Master Plan Replacement Projects	216, 236
New - Water System Master Plan Update (Water System Capital).....	197, 211
New - Water System Master Plan Update (Water System Replacement).....	216, 235
New - West Winton Landfill Drainage Culvert Repair and Cap Placement Project.....	126, 137
New - Wind Power Feasibility Study	126, 135
New - Wonderware Historian Software.....	167, 179
New - WPCF Access Roads Rehabilitation.....	168, 192
New - WPCF Administration Building Renovation and Addition.....	126, 142
New - WPCF Master Plan Recommended Replacement Projects	167, 187

PROJECT INDEX
(By Project Number)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
New - WPCF Master Plan Update Improvement Projects.....	126, 144
New - WPCF Master Plan Update.....	126, 136
TBD - Annual Line Replacements FY10 (Sewer).....	148, 159
TBD - Annual Line Replacements FY10 (Water).....	216, 230
TBD - Annual Line Replacements FY11 (Sewer).....	148, 160
TBD - Annual Line Replacements FY11 (Water).....	216, 232
TBD - Annual Line Replacements FY12 - FY19 (Sewer).....	148, 162
TBD - Annual Line Replacements FY12 - FY19 (Water).....	216, 234
TBD - Baumberg/Industrial Intersection Improvements	113, 120
TBD - Digester #3 Cleaning.....	167, 180
TBD - Install RENLS and PAPIS.....	240, 257
TBD - Install Runway End Identifier Lights 10L/28R	240, 259
TBD - Intersection Improvement Project - TBD.....	113, 121
TBD - New Administration Building	239, 252
TBD - New Sidewalks FY14-FY19.....	75, 80
TBD - New Sidewalks: Bellina Street.....	75, 78
TBD - New Sidewalks: D Street, Cypress Street and Western Boulevard	75, 77
TBD - New Sidewalks: Franklin Avenue, Harder Road, Phillips Way and Huntwood/Sandoval	75, 79
TBD - Pavement Reconstruction - FY11 – Bahama Avenue from Sleepy Hollow to West Tennyson.....	94, 105
TBD - Pavement Reconstruction - Measure B FY11 – Lilac, Havana, Grove, Portsmouth, Rockford, Sorenson	64, 69
TBD - Pavement Reconstruction - Measure B FY12 - FY19	64, 73
TBD - Pavement Reconstruction FY12 - FY19.....	94, 109
TBD - Pavement Rehabilitation - Gas Tax FY11 Districts 17, 18, & 21-23	48, 59
TBD - Pavement Rehabilitation - Gas Tax FY12.....	48, 61
TBD - Pavement Rehabilitation - Gas Tax FY13 - FY19.....	48, 62
TBD - Pavement Rehabilitation - Measure B FY11	64, 71
TBD - Pavement Rehabilitation - Measure B FY12 - FY19.....	64, 74
TBD - Pavement Rehabilitation - West Winton and Harder Road	94, 106
TBD - Potential Runway Safety Area Improvements	239, 254
TBD - Realignment of Taxiway Zulu.....	239, 255
TBD - Rehab of TWY Charlie between RWY 10L/28R and 10R/28L & TWY Alpha and 10L/28R & Rehab TWY Delta.....	240, 260
TBD - Relocate West Access Road and RWY 10R Holding Area.....	240, 258
TBD - Renovation of Airfield Lighting and Markings	240, 256
TBD - Second Engine & Grease Digestion Co-Generation System	126, 145
TBD - Sidewalk Rehabilitation FY10 - Districts 1 & 8.....	94, 104
TBD - Sidewalk Rehabilitation FY11 - Districts 2 & 3.....	94, 108
TBD - Sidewalk Rehabilitation FY12 - Districts 6 & 9.....	94, 110
TBD - Sidewalk Rehabilitation FY13 - FY19	94, 111

PROJECT INDEX
(By Project Number)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
TBD - Sulphur Creek Mitigation – Design and Construction.....	239, 253
TBD - Sulphur Creek Mitigation - Environmental Planning.....	239, 251
TBD - Wastewater Collection System Master Plan.....	126, 140
TBD - West Trickling Filter Biofilter.....	126, 141
TBD - Wheelchair Ramps FY10 - Districts 1 & 8.....	48, 58
TBD - Wheelchair Ramps FY11 - Districts 2 & 3.....	48, 60
TBD - Wheelchair Ramps FY12 - FY19.....	48, 63

PROJECT INDEX
(By Project Name)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
250-500 16" Transmission Main Replacement - Highland Boulevard (7045)	216, 231
880/92 Reliever Route Project - Phase I (5197)	93, 101
"A" Street and Yolo Street Easement Sewer Improvement (7519)	126, 128
Administration and Predesign (5114)	122, 124
Airport Layout Plan Update (6842)	239, 242
Airport Operations and Command Vehicle (New)	239, 250
Annual Line Replacements FY09 (Sewer) (7535)	148, 155
Annual Line Replacements FY10 (Sewer) (TBD)	148, 159
Annual Line Replacements FY10 (Water) (TBD)	216, 230
Annual Line Replacements FY11 (Sewer) (TBD)	148, 160
Annual Line Replacements FY11 (Water) (TBD)	216, 232
Annual Line Replacements FY12 - FY19 (Sewer) (TBD)	148, 162
Annual Line Replacements FY12 - FY19 (Water) (TBD)	216, 234
Annual Median Tree & Shrub Replacement (6938)	81, 91
Annual System Replacement Program (Water) (7006)	216, 221
Aqueducts Record Drawings Update (7037)	216, 224
Asset Management Plan (Sewer) (7043)	216, 225
Asset Management Plan (Water) (7531)	148, 154
Baumberg/Industrial Intersection Improvements (TBD)	113, 120
Carlos Bee Realignment (5105)	93, 97
City Gateways (6951)	81, 83
City-owned Turf Area Assessment and Pilot Turf Replacement Program (New)	216, 228
Citywide Intersection Improvement Study (New)	113, 119
Co-Generation Alternative - Study and Implementation (7651)	167, 172
Congestion Management Program (5116)	48, 54
Consultant Predesign Services (Airport Capital Improvement) (6806)	239, 244
Controller Cabinet Replacement Program (5856)	113, 116
Convert Gravity Thickener to New Primary Clarifier (7515)	126, 132
Demonstration Garden at City Hall (New)	216, 229
Desktop Computer Replacement Program (7253)	273, 274
Digester #1 Cleaning (New)	167, 190
Digester #1 Cleaning and Dome Rehabilitation (New)	168, 196
Digester #2 Cleaning (New)	167, 184
Digester #2 Cleaning and Dome Rehabilitation (New)	168, 194
Digester #3 Cleaning (TBD)	167, 180
Digester #3 Cleaning and Dome Rehabilitation (New)	168, 191
Dixon Area Sewer Improvement Project (7550)	148, 150

PROJECT INDEX
(By Project Name)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
East T-Hangar Foam Re-Roofing (New).....	240, 265
EBDA Outfall Replacement Payment (7516).....	167, 176
Emergency Generator Replacements - Fire Station Nos. 2-6 and PD Overhaul (7209).....	266, 272
Enclose Effluent Channel (7640).....	167, 173
Enclose Effluent Contact Channel (7641).....	126, 133
Fire Station Drapery Replacement (7210).....	266, 268
Foothill Gateway Landscape Plan (6978).....	81, 84
Gravity Belt Thickener Rebuilding (New).....	168, 195
Groundwater Management Plan Modeling & Implementation (New).....	197, 213
Hangar Repainting (New).....	240, 263
Headworks Hydraulic Valve Actuator and Shaft Replacement (New).....	167, 185
Headworks Interior (Wetside and Dryside) Painting (New).....	167, 181
Headworks Ventilation System Evaluation (7649).....	167, 171
High Efficiency Fixture Replacement Program (7013).....	216, 222
High School Reservoir Roof Replacement (New).....	197, 208
Highland 250 Pump Station Upgrade (New).....	216, 233
Highland 1000 Reservoir Replacement (7165).....	216, 219
HVAC Replacement/Various Units (7201).....	266, 269
Install RENLS and PAPIS (TBD).....	240, 257
Install Runway End Identifier Lights 10L/28R (TBD).....	240, 259
Install Safe Drain System for Existing Storm Drains (New).....	240, 261
Install Water Line at Golf Course Access Road (7139).....	197, 200
Install Water Line Looping Near BART Tracks & Whipple Road (7138).....	197, 209
Installation of Emergency Sudden Loss Valves at Various Locations (7023).....	197, 203
Intersection Improvement Project - TBD (TBD).....	113, 121
Landscape Audits and Water Efficient Landscape Rebates (7047).....	216, 218
Landscape Material/Street Tree Replacements (5102).....	81, 87
Levee Road and Effluent Channel Repair (7654).....	167, 170
Line Lazer Striping & Crack Sealer Equipment (New).....	239, 249
Main 480V MCC Electrical Distribution Repairs (7656).....	167, 175
Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand (7163).....	216, 227
Median Landscaping Improvement Project (5193).....	93, 100
Miscellaneous Curb and Gutter Repair (5140).....	48, 56
Miscellaneous Flooring Replacement (7202).....	266, 271
Miscellaneous Hydrant Replacement Program (7003).....	216, 220
Miscellaneous Lift Station Equipment Replacement (7575).....	148, 152
Miscellaneous Pavement, Building, and Grounds Repairs (6891).....	239, 245
Miscellaneous Plant Replacements (WPCF) (7529).....	167, 177

PROJECT INDEX
(By Project Name)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
Mount Eden Annexation Improvements - Phase II (5143)	93, 98
Neighborhood Improvement Project (6950).....	81, 92
Network Server and Public Safety Mobile Replacement Project (New)	273, 275
New 3 MG Reservoir at High School Reservoir Site (7172).....	197, 214
New Administration Building (TBD).....	239, 252
New and Replacement Street Lights (5132)	48, 55
New Final Clarifier (New).....	126, 147
New Library - Programming/Design (6992).....	81, 85
New Sidewalks: Bellina Street (TBD).....	75, 78
New Sidewalks: D Street, Cypress Street and Western Boulevard (TBD).....	75, 77
New Sidewalks FY14-FY19 (TBD)	75, 80
New Sidewalks: Franklin Avenue, Harder Road, Phillips Way and Huntwood/Sandoval (TBD).....	75, 79
New Street Tree Inventory Software and Data Update (5128).....	48, 51
Noise Monitoring Equipment Upgrade (6898).....	239, 246
Overlay of Tiedown Ramp and Associated Taxiway (New).....	240, 262
Parallel Supply to the 330 Zone (7140).....	197, 210
Pavement Management Program (5110)	48, 53
Pavement Reconstruction - Eden Landing Road, Lincoln Avenue and San Luis Obispo Avenue (5144).....	93, 99
Pavement Reconstruction - FY11 – Bahama Avenue from Sleepy Hollow to West Tennyson (TBD)	94, 105
Pavement Reconstruction - Measure B FY11 – Lilac, Havana, Grove, Portsmouth, Rockford, Sorenson (TBD).....	64, 69
Pavement Reconstruction FY12 - FY19 (TBD)	94, 109
Pavement Reconstruction - Measure B FY12 - FY19 (TBD).....	64, 73
Pavement Rehabilitation - Gas Tax FY11 Districts 17, 18, & 21-23 (TBD).....	48, 59
Pavement Rehabilitation - Gas Tax FY12 (TBD)	48, 61
Pavement Rehabilitation - Gas Tax FY13 - FY19 (TBD)	48, 62
Pavement Rehabilitation - Measure B FY10 (5171).....	64, 65
Pavement Rehabilitation - Measure B FY11 – (TBD).....	64, 71
Pavement Rehabilitation - Measure B FY12 - FY19 (TBD)	64, 74
Pavement Rehabilitation - Portions of Industrial from 880 to 92 (5101)	93, 96
Pavement Rehabilitation - Slurry Seal - Districts 17 & 21 (New)	94, 102
Pavement Rehabilitation - Slurry Seal - Locations TBD (New).....	94, 112
Pavement Rehabilitation - West Winton and Harder Road (TBD).....	94, 106
Pedestrian Traffic Signal Improvements (5175).....	75, 76
Plant Exterior Buildings Painting (New).....	167, 186
Potential Runway Safety Area Improvements (TBD).....	239, 254
Primary Clarifiers Rehabilitation (7646)	167, 174
Project Predesign Services (Airport Capital Improvement) (6805).....	239, 243
Project Predesign Services (Capital Improvement) (6907)	81, 90

PROJECT INDEX
(By Project Name)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
Project Predesign Services (Gas Tax) (5106).....	48, 52
Project Predesign Services (Sewer Capital Improvement) (7523).....	126, 130
Project Predesign Services (Sewer Collection System Replacement) (7524).....	148, 151
Project Predesign Services (Street System Improvements) (New)	94, 107
Project Predesign Services (Water System Capital Improvement) (7029)	197, 201
Project Predesign Services (Water System Replacement) (7030)	216, 223
Property Taxes on Excess Right-of-Way (6121).....	81, 89
Quick Response Traffic Safety Projects (5893)	113, 118
Radio Telemetry & Transducer Replacement & Upgrade (7119).....	197, 202
Realignment of Taxiway Zulu (TBD).....	239, 255
Recycled Water Treatment and Distribution Facilities (New).....	126, 143
Rehabilitation of Main Electrical Service Lines to Airport Tower (6897)	239, 248
Rehab of TWY Charlie between RWY 10L/28R and 10R/28L & TWY Alpha and 10L/28R & Rehab TWY Delta (6897)	240, 260
Relocate West Access Road and RWY 10R Holding Area (TBD)	240, 258
Renovation of Airfield Lighting and Markings (TBD).....	240, 256
Replace 16" Water Line near Mission and Willis (7046).....	216, 226
Replacement Crash Rescue Vehicle (New)	240, 264
Reservoir Landscape Improvements (Seven Sites) (7024)	197, 199
Roof Repair/Replacement - City Buildings (7203).....	266, 270
Route 238 Corridor Improvement Project: Design, Right-of-Way and Construction (5117)	122, 123
Sanitary Sewer Overflow (SSO) Response Trailer (New).....	148, 157
SCADA and Transducer Replacement (7594).....	148, 153
SCADA Computer Node and Server Upgrade (Sewer) (New).....	167, 188
SCADA System Evaluation and Upgrade (Sewer Collection System) (New).....	148, 166
SCADA System Evaluation and Upgrade (Water Pollution Control) (New)	168, 193
SCADA System Evaluation and Upgrade (Water System Replacement) (New).....	216, 237
SCADA System Miscellaneous Replacements (7596)	167, 178
Sealing Centennial Hall Parking Deck (6968).....	81, 86
Second Engine & Grease Digestion Co-Generation System (TBD).....	126, 145
Seismic Retrofit "D" Street Reservoir (7161)	197, 205
Seismic Retrofit Highland 250 Reservoirs (7173).....	197, 206
Seismic Retrofit Maitland Reservoir & Appurtenances (7160).....	197, 204
Seismic Retrofit Miscellaneous Plant Buildings (7648).....	167, 169
Sewer Collection System Master Plan (New).....	148, 163
Sewer Collection System Master Plan Recommendations (New).....	148, 164
Sewer Replacement at Linden Street, Madrone Street, and Beech Street Easement Areas (7547).....	148, 161
Sidewalk Rehabilitation FY10 - Districts 1 & 8 (TBD)	94, 104
Sidewalk Rehabilitation FY11 - Districts 2 & 3 (TBD)	94, 108

PROJECT INDEX
(By Project Name)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
Sidewalk Rehabilitation FY12 - Districts 6 & 9 (TBD)	94, 110
Sidewalk Rehabilitation FY13 - FY19 (TBD).....	94, 111
Sidewalk Repair - B Street from Grand to Martin Luther King Drive (New).....	94, 103
Sludge Handling Master Plan (7520)	126, 131
Sludge Lagoon #494 Pump Relocation (7644).....	167, 183
Solar Power Design and Construction (New).....	126, 138
Solids Contact Tank Grounds Improvement (New).....	167, 189
Speed Hump Installation Program (5734)	113, 115
Speed Monitoring Devices (5166).....	64, 68
Storage Ponds Evaluation and Rehabilitation (New).....	126, 146
StreetView System Upgrade (5133)	48, 57
Study of Impacts of Whitesell Extension on WPCF (New).....	126, 134
Submersible Pump Replacement at Durham, Linden, and Halifax Sewage Pump Stations (New).....	148, 158
Sulphur Creek Mitigation - Environmental Planning (TBD).....	239, 251
Sulphur Creek Mitigation – Design and Construction (TBD)	239, 253
Sunset Area Sewer Capacity Study (7546).....	148, 156
Surplus Property Maintenance (5160).....	81, 88
System Seismic Upgrades (7136).....	197, 207
Traffic Control Devices Repair/Replacement (5709).....	113, 114
Transportation System Management Projects (5877).....	113, 117
Underground 2 MG Reservoir at Hesperian Site (New).....	197, 215
Underground Storage Tank Upgrades – PD and Fire Station Nos. 1 & 5 (7211).....	266, 267
Vehicle Access for Corsair Hangars (6836)	239, 247
Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation (New).....	148, 165
Wastewater Collection System Master Plan (TBD)	126, 140
Water Pollution Control Facility Shrub Planting (7545)	126, 129
Water System Master Plan Update (Water System Capital) (New).....	197, 211
Water System Master Plan Update (Water System Replacement) (New).....	216, 235
Water System Master Plan Improvement Projects (New)	197, 212
Water System Master Plan Replacement Projects (New).....	216, 236
West Trickling Filter Biofilter (TBD)	126, 141
West Trickling Filter Replacement (7639).....	167, 182
West Winton Landfill Drainage Culvert Repair and Cap Placement Project (New)	126, 137
Wheelchair Ramps FY09 - Districts 7 & 10 (5122)	48, 50
Wheelchair Ramps FY10 - Districts 1 & 8 (TBD).....	48, 58
Wheelchair Ramps FY11 - Districts 2 & 3 (TBD).....	48, 60
Wheelchair Ramps FY12 - FY19 (TBD).....	48, 63
Wind Power Feasibility Study (New).....	126, 135

PROJECT INDEX
(By Project Name)

<u>PROJECT NAME</u>	<u>PAGE(S)</u>
Wonderware Historian Software (New)	167, 179
WPCF Access Roads Rehabilitation (New)	168, 192
WPCF Administration Building HVAC Renovation Project (7528)	126, 139
WPCF Administration Building Renovation and Addition (New)	126, 142
WPCF Master Plan Recommended Replacement Projects (New)	167, 187
WPCF Master Plan Update (New)	126, 136
WPCF Master Plan Update Improvement Projects (New)	126, 144