CITY OF

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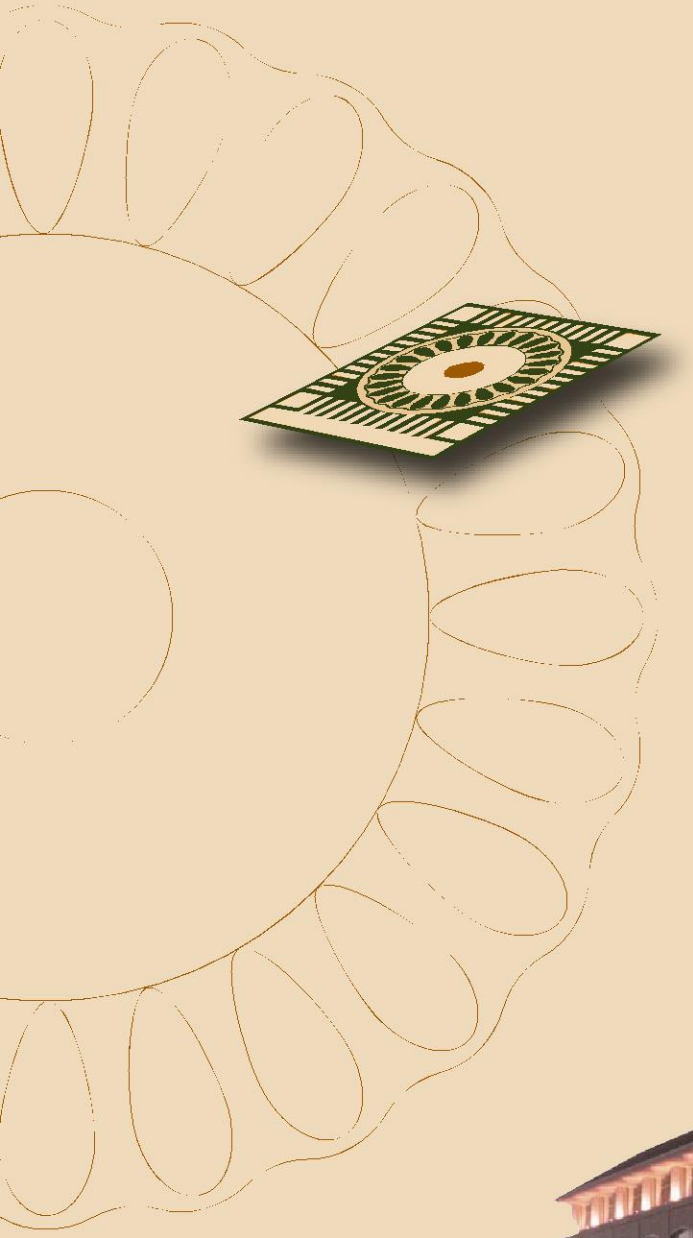

Adopted 10-Year

Capital Improvement Program

Fiscal Years 2013 through 2022

HEART OF THE BAY

CITY OF
HAYWARD
HEART OF THE BAY

April 19, 2012

Honorable Mayor and City Council:

This letter serves to transmit the Ten-Year Capital Improvement Program (CIP) for your consideration: FY 2013 and FY 2014 generally reflecting actual scheduled projects; while FY 2015 through FY 2022 reflect planned or proposed projects that may be adjusted or changed as we approach closer to those years. 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 City of Hayward's FY 2013 capital budget totals about $106 million, with approximately $357 million programmed for the period FY 2013 through FY 2022.

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 7.

Over the last few years, the number of funds within the document has grown through the addition of a housing authority capital fund and funds that address critical capital needs for Police, Fire, Maintenance, and Fleet. In this edition of the CIP, a new fund was added to address the capital needs for Library and Community Services. Council added all of these funds, whether funded or not in the current Plan, in order to better understand and capture a more complete picture of the overall capital needs for each program area, and to allow for the prioritization of projects versus the amount of funding available each fiscal year. Following past practice, a separate divider continues to be utilized for the internal service funds and the operating capital replacement funds.

As a matter of reference, the FY 2013 CIP also includes three funds that were discontinued due to the recent State action to dissolve redevelopment agencies within California: the Redevelopment Tax Allocation Fund, the Redevelopment Project Fund, and the Low/Moderate Housing Fund.

Unrestricted Funds

As was the case last year, there continues to be minimal unrestricted funding available for CIP-related projects. Most of the unrestricted funding available in the FY 2013 CIP continues to be allocated towards addressing or supporting Council's priorities, especially as they pertain to improving the attractiveness and safety of neighborhoods.

Although the economy is showing signs of improvement, the City's budget picture is still precarious, at best. Depending on the actual amount of the deficit for FY 2013, it is possible that some or all of the funding transferred from the General Fund to support capital projects may be eliminated in order to balance the budget. An additional balancing measure that has been utilized in prior years has been to increase the transfer from the Gas Tax fund to the General Fund to support

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street maintenance-related activities paid out of the General Fund. For FY 2013 and FY 2014, this increase will amount to an additional transfer of $200,000 per year to the General Fund, for a total of $1,030,000 and $1,038,000, respectively. It is important to note that this increase to the transfer will not hinder the City's ability to fund pavement-related projects in the Gas Tax Fund due to the voter-approved additional $10 fee assessed on registered vehicles in Alameda County. The City expects to annually receive approximately $630,000, commencing in FY 2012.

Consistent with the priorities established by Council, many of the issues raised at Neighborhood Partnership meetings have been addressed, such as new speed control measures (i.e. speed lumps) and improved lighting. Such efforts will continue into FY 2013; however, the amount and flexibility of funds available to address neighborhood concerns continues to be much less than needed. As was the case last year, staff will not be able to respond as quickly or to the extent residents have come to expect in prior years.

During the past couple of years, there was a key emphasis on implementing projects that enhance the City's appearance. The one project that best demonstrates this effort is the painting of murals in the downtown and along Foothill Boulevard; this effort will continue as funds allow.

New Projects

The focus of the FY 2013 CIP shifts more towards maintenance, security, and upkeep at many of the City's government buildings, especially City Hall. There are new small projects in the CIP that pertain to improving the sound system in the rotunda, as well as improvements to the City Council chambers. Other key maintenance projects are funded out of the Facilities Internal Service Fund and discussed later in this letter.

While maintenance-related projects will be emphasized in FY 2013, there are other projects that address more global, critical community needs. For one, a disaster preparedness exercise is scheduled for FY 2013. This exercise will allow City staff members to practice and enhance their abilities to quickly and efficiently provide critical services to the public in the event of a major crisis. It is time for another biennial community satisfaction survey as directed by Council, and this has been added into the CIP for FY 2013, which covers all facets of City operations; and which tests the priorities of the community.

One other major project expected to be completed by FY 2014 is an update of the City's General Plan. At Council direction, the cost of this Plan update has been reduced to $2.2 million, and will be funded through a combination of General Fund transfers and revenue collected from building permit fees; and the projected timeframe for Plan completion has been reduced to two years.

As noted earlier, CIP continues to highlight the Council priority of improving the City's appearance wherever possible. One series of projects serves to support that priority through the beautification and improvement of landscaping along key thoroughfares throughout the City. Over the life of the CIP, five separate projects are noted. During FY 2011, the roundabouts in the Fairway Park area were improved, while landscaping improvements along portions of Industrial Parkway have entered the design phase and will be completed during FY 2013.

It is important to note that the Neighborhood Improvement Project, the General Plan update, and the maintenance projects proposed in this CIP continue to be budgeted out of the City's Capital

Improvement Fund. They rely on revenues received from construction tax, non-discretionary reimbursements from outside agencies, and the aforementioned building permit fees. While the fund currently enjoys an adequate fund balance (most of this is reserved for the New Library Programming/Design Project), that could change if the needed General Fund transfer for the General Plan update is deferred or postponed indefinitely.

Library

A continuing key project in the Capital Improvement Fund is the design and construction of a new Community Learning Center (Library). Several factors have affected the preliminary design process. The recommended site entails acquiring land from the US Postal Service when it becomes available. Should that property become available for purchase, funding is available to complete this acquisition during FY 2013, along with completion of the preliminary design process. Although delayed, this project continues to be a high-priority item for staff and the community, and will show some incremental design progress during the coming fiscal year so that the project does not lose momentum. As noted in last year's transmittal, the donation of $10 million from Calpine has favorably positioned the City to establish a funding foundation from which to pursue bond or alternate funding for construction of the new Community Learning Center in the coming years.

In order to address all major infrastructure projects, staff added a new project to the Capital Improvement Fund in FY 2012 to conduct a comprehensive needs analysis of all City facilities. This project will allow for the planning of future bond-related programs for infrastructure improvements of various City facilities (e.g. a new Police building and fire station improvements).

In order to address critical capital needs for the Community Learning Center, a new fund was created for FY 2013 for that very purpose. The sole project in this new fund will allow for the implementation of a state-of-the-art, automated materials handling (AMH) system in the existing Main Library facility. This is a project that will not only enhance current library operations, but will ultimately be integral to the construction of a new Community Learning Center and Library facility. Funding is provided through a portion of the Calpine donation consistent with that money being set aside for furniture, fixtures, and equipment that might not otherwise be eligible acquisitions with bond money.

Streets and Roads

With the assistance of Federal, State, and local funding, the City was able to complete work on several larger-scale projects associated with pavement rehabilitation and sidewalks during FY 2012. The City completed a total of six major pavement rehabilitation or reconstruction-related projects at a total of almost $4 million. One of the larger projects, which totaled over $1.7 million, included pavement rehabilitation along portions of D Street, Huntwood Avenue, Industrial Parkway SW, and Second Street.

The Route 238 Corridor Improvement Project continues to progress at a steady pace. In July 2010, the first phase of construction commenced on the project. Thus far, key milestones have been reached on time and according to schedule; staff will continue to carefully monitor the progress of the contractor and advise Council of any significant changes to the timing for this project. It is expected that all construction should be completed by the end of FY 2013.

For FY 2013, the most critical new roadway project continues to be the 880/92 Reliever Route project, which includes construction of the Whitesell Street extension and improvements along the Winton Avenue corridor. The design will be completed in early FY 2013, while all necessary right-of-way should be acquired by the end of FY 2013, with construction commencing soon thereafter. As noted in prior staff reports on this item, nearly all of the costs associated with the design and construction of the reliever route project will be reimbursed from Measure B funds through the Alameda County Transportation Commission (ACTC), and staff will continue to work proactively to minimize the right-of-way impacts of the project.

One other major project, which is expected to begin construction in FY 2013, involves improvements along Dixon Street in support of the South Hayward BART transit-oriented development. Improvements specific to this project include streetscape and access improvements to both sides of Dixon Street between Tennyson Road and Valle Vista Avenue.

Livable Neighborhoods

City staff continued to focus efforts on supporting livable neighborhoods through the evaluation, design, and construction/improvement of sidewalks and wheelchair ramps throughout the City. During FY 2012, staff targeted Districts 6 and 9, which include the area bordered by Tennyson, La Playa Drive, and Hesperian, as well as the area bordered by Winton, Grand, and A Street for improvement at a cost of approximately $1 million. In addition, new sidewalks were installed along Bellina Street from 2nd Street to 3rd Street at a cost of about $280,000, thereby greatly improving pedestrian safety in that area. Similar funding is set aside for the FY 2013 projects, which will include commencing work in District 4 (bordered by Jackson Street and Harder Road to the north and Tennyson Road to the south) and District 5 (bordered by Industrial Parkway to the north and Whipple Road to the south), as well as new sidewalk construction along Franklin Avenue, Harder Road and Phillips Way.

In late FY 2012, the City received authorization from Council to replace all of its streetlights and traffic signal safety lights with light-emitting diode (LED) lights at a total cost of approximately $3.8 million. The LED streetlight conversion project will convert about 7,600 streetlights to LEDs, while approximately 400 traffic signal safety lights throughout the City will be switched over to LEDs as well. it is estimated that the citywide conversion to LED streetlights would save about $350,000 per year in utility costs, while there will be an additional energy cost savings of about $60,000 annually from the traffic signal safety light conversion.

Redevelopment

As mentioned above, due to the State's irresponsible action to dissolve redevelopment agencies across California, several redevelopment-related funds were eliminated from the CIP. However, the Low/Moderate Housing Capital fund was replaced by a capital fund in the City's Housing Authority (Fund 242), which assumed responsibility for administration of the remaining low/moderate housing funds coming from property tax increment revenues. The current project includes construction financing for 206 units of affordable housing at South Hayward BART; the 206 units will consist of 81 units for senior housing and 125 for family housing.

Utilities

Utilities capital projects are developed and implemented to deliver dependable, efficient water and sewer service to Hayward residents and businesses. There is a strong focus on ensuring that the

infrastructure is structurally reliable and appropriately sized to meet current and future community needs. Environmental Services capital projects focus on water conservation and energy use efficiency. Specific projects address resource conservation and recycling, clean and green energy, and stormwater runoff quality and protection.

Water System CIP ($68,150,000)
Major water system projects in the near term focus on improving the system's reliability. In FY 2012, installation of emergency sudden-loss valves at various locations was completed. These devices can be set to automatically or manually close in the event of an earthquake, which will minimize the loss of precious water resources in these critical situations. Work was also initiated on seismic improvements to the Mission 24-inch aqueduct where it crosses the Hayward Fault. The aqueduct is an essential water facility and needs to be returned quickly to service after a seismic event. A new project has been added to evaluate the condition of the 24-inch aqueduct in its entirety and make recommendations regarding needed improvements related to its seismic performance, and to apply cathodic protection as needed to control corrosion.

A project to replace 4,100 feet of deteriorated 16-inch pipeline between the 250 and 500 reservoirs will be undertaken in FY 2013 to improve water supply reliability to the higher elevations. In addition, the Highland 250 and Maitland reservoirs are currently scheduled to undergo seismic upgrades over the next two to three years.

In future years, projects to replace the existing one-million-gallon (MG) High School Reservoir, located above City Center Drive, with a three MG facility, and to construct a new two MG reservoir on Hesperian Boulevard are included to improve storage capacity. 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. A new project has been added over the next four to five years to replace existing cast iron pipes, which are prone to breaks as they age.

Several new projects have been added to the CIP to address issues of water quality and system management. These include installation of a chlorine booster station to maintain water quality, improvements to the Garin Reservoir to reduce the need for excessive flushing and water waste, and assessment of the City's cross connection control program, which protects drinking water supplies from contamination caused by harmful substances entering the system through backflow.

In order to keep pace with changing conditions and to assess future needs, the CIP includes an update to the Water System Master Plan in FY 2013 to evaluate the system, in view of current conditions, future needs, and the improvements made in recent years. Additional funding is proposed in subsequent years for recommended projects identified in the update.

Sewer System CIP ($78,389,000)
The Sewer Collection System will undergo several pipeline improvements in the next few years. These improvements are planned to either replace pipelines that are showing signs of age and require frequent maintenance and repair, or to upsize undersized mains to increase their hydraulic capacity to handle current and near-term future flows. A Master Plan update is also planned for the Sewer Collection System, beginning in FY 2012, with funding provided in future years to implement recommendations resulting from these planning efforts.

An asset management program, benefitting both the Water and the Sewer Collection Systems, was implemented in FY 2012. This program enables efficient monitoring and replacement planning of Utilities structures, equipment, meters, and facilities, as well as proactive maintenance and cleaning schedules to keep facilities operating at optimum efficiency.

Noteworthy, near-term Water Pollution Control Facility (WPCF) projects include Phase II Improvements that will enclose the effluent channel and convert an existing gravity thickener to a new primary clarifier. Enclosing the channel would reduce maintenance and operational impacts of using an open dirt channel and the master plan identifies a need for an additional primary clarifier. Design of the effluent channel enclosure will commence in FY 2012, with construction planned for the following year. Design of the conversion of the gravity thickener is scheduled to commence FY 2013, with construction to begin the following year. Work is also scheduled to begin in FY 2013 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.

An update of the WPCF Master Plan will commence in FY 2012 to evaluate treatment process and equipment needs to meet future demands particularly in light of the recently completed and planned improvements. The Master Plan update will also look at the need for additional sludge drying facilities and future sludge disposal alternatives. In addition to infrastructure improvements, the Utilities and Environmental Services CIP will continue to focus on identifying and implementing sustainable practices and resource efficiency opportunities within the Utilities systems.

Water System projects in this CIP budget include:

- 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 required by the State Plumbing Code.

- Leak Detection Survey. A survey of the entire water distribution system was initiated in FY 2012 to locate, evaluate the size of, and repair leaks along the City's water mains. As of April 2012, the project is over 50% complete. A number of leaks have been detected; City Water Distribution crews work on fixing the leaks as they are detected and marked. Project completion is anticipated by the end of FY 2012.

- Conversion to Advanced Meter Infrastructure (AMI). This project would evaluate the feasibility of converting existing water meters to AMI meters, enabling customers to obtain accurate real-time water use information and better manage their water consumption. Because of their accuracy and immediacy, AMI meters can achieve significant water savings, but such an endeavor would be costly. Thus, it is critical that the City review carefully all of the issues, including issues encountered by other utility providers, before making a decision on whether to proceed with a conversion. Assuming that the results of the study are positive, funding is included to implement a conversion project beginning in FY 2013.

- Solar Power at Various Water Facilities. A new project has been added to install solar panels at water facilities, such as pump stations, where significant amounts of purchased energy are used.

The WPCF is the largest energy user among all of the City facilities, utilizing the equivalent of over $1 million of electricity. A new project has been added to the CIP to review and make recommendations for energy management by evaluating the most efficient and effective way of using available energy resources, such as solar and cogeneration. In addition to alternative energy strategies, the CIP includes a recycled water project. Specific energy projects, which are listed below, will be implemented to help the City reduce its reliance on PG&E.

- New Energy Co-Generation System. The City Council recently approved a design/build contract to construct a new co-generation energy system utilizing fuel cell technology. Energy production from this project, combined with the solar energy that is now produced from the one-megawatt solar facility, will enable the City to significantly reduce its reliance on purchased power. Fuel cells are cleaner and greener than other co-generation alternatives, and a sizeable reduction in air pollutants emitted from the system will also be realized. A smaller supporting project, commencing construction in FY 2012, involves the installation of a grease receiving and processing facility so that waste grease can be put to beneficial use at the WPCF by increasing digester gas production, which can then be utilized in the Plant's new energy co-generation system.

- Solar Energy. A recently completed project that constructed a one megawatt solar facility at the WPCF enables the facility to draw about 30% of its needed energy from an alternative, clean, renewable source. Funding is provided in the proposed CIP to evaluate, and if economically feasible, construct a similarly sized second facility.

- Recycled Water. In order to make more efficient use of potable water, the City is pursuing the opportunity to produce recycled water, in cooperation with Calpine, and to develop a distribution system to deliver the excess tertiary treated recycled water to nearby sites for use in landscape irrigation and some industrial processes.

Airport

A primary focus at the Airport during FY 2013 will be the construction of a new Airport administration building at a cost of approximately $2.6 million. This building will provide a single location for transient users to meet and will provide a facility for pilots to conduct flight planning activities. Pavement rehabilitation needs are also addressed in the CIP for the Airport with an annual allocation of $350,000 for such work. Similar to the City's street pavement rehabilitation, a program is now in place to bi-annually monitor and update pavement conditions on the Airport, starting in FY 2013. The program will greatly assist Engineering and Airport staff in targeting which pavement segments would be the best candidates for future pavement rehabilitation work. In addition to the annual project noted above, one other pavement-related project is scheduled for FY 2013 funded through a grant from the Caltrans Division of Aeronautics. This new, non-recurring project will support the repair of several airfield taxiways that are in poor to very poor condition.

One other critical project that is scheduled to commence construction next fiscal year will enclose portions of Sulphur Creek in order to address a safety issue resulting from the existing open channel that crosses the runway safety areas. Federal funding will reimburse the Airport

Enterprise Fund $1.35 million out of the estimated total cost of $1.5 million. The total amount of investment planned at the Airport from FY 2013 through FY 2022 is approximately $20.5 million, with much of the funding for these projects dependent on projected Federal Aviation Administration (FAA) grants under the Airport Improvement Program, as well as transfers from the Airport's operating fund. It is worth noting that several projects in the future years of this fund were eliminated from the CIP due to a tightening of allocations from the FAA to the City over the next several years.

Facilities

The Internal Service Fund for Facilities is utilized to address the improvements and upkeep necessary for 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. As noted earlier in this letter, maintenance projects for FY 2013 (approximately $400,000) include a new fire alarm/smoke detector system at the Police department, replacement camera systems at City Hall, , and the interior/exterior painting of various City facilities. The projects contained within this fund are dependent on facility charges originating from supported departments. The long-term goal is to develop sufficient reserves in the Facilities Fund to address City-wide improvements and maintenance on an on-going and systematic basis.

Technology Services

Another Internal Service Fund addresses the aging information technology infrastructure and the unmet technology needs throughout the City. During the past several years, many of the City's desktop computers have been replaced with newer, more efficient models; this replacement cost is an ongoing expense of $100,000 per year as the life span of most desktops is no more than four years. Other ongoing, annual appropriations have been provided for the replacement of public safety mobile units and network servers of $50,000 and $100,000, respectively. Other technology infrastructure improvements that have no long-term replacement funding or are inadequately funded at this time are included in the Identified Capital Needs document, which is discussed in greater detail in the next section of this letter.

The largest project in this fund is the replacement of the City's outdated legacy financial system with an Enterprise Resource Planning (ERP) system. During FY 2012, a thorough needs analysis was completed and a vendor selected. Several modules will be implemented in FY 2013 (at a cost of approximately $1.5 million), with the remaining modules to be installed from FY 2014 through FY 2016 at cost of $940,000 in FY 2014 and $140,000 each in FY 2015 and FY 2016; full implementation is expected by the end of FY 2016.

Successful implementation of projects within this fund is wholly dependent on the assessment of Information Technology Charges on supported departments. And, there is no source yet identified for accumulating funds to replace major systems, such as the new CAD/RMS system, in the out years at the end of their useful lives.

Fleet

Commencing with the FY 2011 CIP, Fleet capital replacement funds were added, one for General Fund vehicles and one for Enterprise vehicles. General Fund vehicle needs are separated as to Police, Fire, and general fleet. Primary identified funding sources include proceeds from loan

financing and transfers from the General Fund. In the case of Enterprise vehicle replacement, annual funding is now being transferred from the Enterprise funds for their planned vehicle replacements. Staff is committed to ensuring that the City's fleet of vehicles reflects Council's "green" priority. To that end, staff has thoroughly evaluated and is incorporating (where possible) the use of "green" technology into vehicle purchases. Furthermore, staff has been critically assessing the needed amount of fleet vehicles, reducing the number of "take-home" vehicles, and determining which vehicles are non-essential and thus have been or can be removed from the City's fleet and not replaced.

Identified Capital Needs

The last section of the CIP is the Identified and Unfunded Capital Needs section. The list was significantly modified as part of the FY 2011 CIP and reviewed in even greater detail during the FY 2012 and FY2013 processes. Several projects within Technology Services were removed from the list as they were funded or completed in FY 2012 or FY 2013. Such projects, totaling approximately $2,100,000, include the Enterprise Resource Planning System, network server replacement, and SharePoint business intelligence and enterprise content management. Likewise, Facilities has been able to fund several projects that were in prior editions of the unfunded capital needs list. Among the highlights are a lighting retrofit at City Hall and the Police Department; the provision of air conditioning to wards, staff areas, and public viewing areas at the animal shelter; surveillance camera replacements at City Hall and the City Hall parking structure; and the installation of a new smoke detector system at the Police Department. Total for all of these Facilities projects was approximately $450,000. As noted in last year's letter, all of the annual vehicle replacement needs for Fleet are now reflected in the CIP.

In order to create a more thorough and comprehensive document that reflects all of the City's needs, many other projects were added as well and are identified with shading in the document. The Technology Services section includes cost updates to previously listed projects as well as identified unmet needs from the IT Strategic Plan, such as replacement of the citywide wireless network infrastructure and a network file share and backup system. Numerous projects were also added to the Facility Maintenance and Improvement Projects section, such as projects pertaining to the maintenance and replacement of various appurtenances for Police and at the fire stations. The estimated, combined cost of all new projects in the Identified Needs category mentioned above for Facilities and Technology Services is $8,300,000. In addition, cost estimates were updated for new fire stations at Station #7 and Station #9. As a result of the additions/revisions to this list, the total value of the unfunded projects in the Identified Capital Needs document exceeds $325 million for at least the next ten years.

Many of the projects that might likely be included in any potential future bond measure (i.e. a new Police facility, construction of a new Fire Station #7, and the new Library) are also identified in this document. The estimated cost for these major facilities total approximately $110 million. Additionally, projects in the Industrial Area, including many interchange related projects along 880 and 92 corridors are the largest part of this unfunded list of approximately $170 million. Many of these projects are identified in the Countywide Transportation Plan, as well as the Transportation Expenditure Plan, and could be funded if the next cycle of Measure B is approved by Alameda County voters in November 2012.

It is important to reiterate that this list identifies critical needs that have, as of now, no identified

funding sources. The number of projects will continue to grow over time as will the amounts needed to fund these extremely important upgrades/repairs to infrastructure and equipment.

In light of the ongoing structural deficit in the General Fund and stagnant revenues, staff has re-doubled its efforts to dedicate as many financial and staff-related resources as possible towards projects deemed as most critical to both the community and Council. As noted earlier in this letter, although General Fund transfers have been identified to fund critical Police, Fire, and Maintenance capital and fleet replacement needs, many of the projects may need to be postponed if the proposed transfers from the General Fund are needed to balance the budget for FY 2013 and/or beyond.

Attached to this letter is a summary of the key assumptions (Attachment A) that were used in preparing the FY 2013 CIP. The staff and I look forward to discussing projects and issues embodied in this capital plan.

Respectfully submitted,

Fran David
City Manager

Attachment A – Assumptions

ATTACHMENT A

FY13 Capital Improvement Program
Working Assumptions

1. Interest Rates: Rate of return on existing fund balances - 1% for FY13-FY14; 2% for FY15-FY19; and 3.0% for FY20-FY22.
   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 decreased by 9.6% for FY13. For FY14, Gas Tax receipts are expected to increase slightly, as reflected in the 1% increase from FY13. For FY15 through FY22, Gas Tax has been escalated by 1% per year. The City will receive $692,000 in FY12 and then $638,000 commencing in FY13 for street improvements due to a recent voter-approved increase of $10 to the vehicle licensing fee; this amount has been escalated by 1% per year from FY14-FY22. Transfers to the General Fund from the Gas Tax Fund to support eligible expenditures for FY13 will be $1,140,000.

4. Based on sales tax projections provided by the City's Finance Department, anticipated revenue from the Measure B program is assumed to be $1,835,000 in FY13 and $1,872,000 in FY14 (an increase of 1.5% for FY13 and 2% for FY14); future increases are estimated at 2% from FY15 through FY22.

5. Monies received from the Measure B Non-Motorized Fund for pedestrian and bicycle improvements are assumed to be $376,000 in FY13 and $383,000 in FY14 (an increase of 1.5% for FY13 and 2% for FY14); future increases are estimated at 2% from FY15 through FY22.

6. Due to a marked slowdown in development, revenue from the Construction Improvement Tax is expected to decrease by 50% (from $200,000 to $100,000) in FY13. Gradual increases are expected from FY14 through FY22, at which time revenues are assumed to have returned to the previous level of $250,000.

7. The per year transfer from the Route 238 Trust Fund related to the Route 238 Corridor Improvement Project will continue at $250,000 until FY17, at which time the amount will increase to $500,000 per year until FY21; in FY22, the residual amount remaining in the fund balance will be transferred to the Street System Improvements Fund.

8. Funds received under the Governor's Traffic Congestion Relief Program (TCRP) established under Proposition 42 were eliminated in FY11 and replaced by a Gas Tax "swap," which serves to backfill the amounts that would have been provided through Proposition 42. This amount is transferred from the Gas Tax Fund to the

Street System Improvements Fund on a monthly basis. It is estimated that this amount will be about $1.6 million in FY13; future years (FY14-FY20) are estimated to increase by 1% per year. Monies received under this source will be applied towards street maintenance projects.

9. In prior years, the transfer from the General Fund to the Transportation System Improvement Fund was significantly reduced in order to reduce General Fund expenditures. However, the $350,000 per year transfer from the General Fund to the Transportation System Improvement Fund will be re-established in FY13 and will continue at that level through FY22; this transfer provides funding for transportation projects.

10. Although not shown as a specific project since PG&E will fund the work, use of an estimated $7.8 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 Overhill Street, which will be completed as part of the Route 238 Corridor Improvement Project. An estimated $4 million will be required for the Phase II project which will complete undergrounding of Mission Boulevard for its entire length within the City. Based on Rule 20A allocations to date and projected future reductions by PG&E, it is projected that these projects will use the City's allocation through FY18.

11. 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.

12. 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.

13. Facility charges against operating budgets will provide $275,000 in FY13 and $250,000 in FY14, eventually decreasing to $200,000 in FY15-FY22 to provide an ongoing funding source for the Facilities Internal Service Fund.

14. Transfers of $209,000 from the General Fund and $320,000 from the Capital Improvement Fund (Fund 410) in FY13 will fund various projects in the Technology Services Internal Service Fund, such as public safety mobile replacements, network server replacements, and geographic information system improvements.

15. A transfer of $797,000 from the General Fund into the Fire Capital Project Fund will occur in FY13; $400,000 of the amount is reserved to fund design work pertaining to the new Fire Station #7. In FY14 and FY15, the transfer will be $779,000 and $137,000, respectively. From FY16-FY22, the amount of the annual transfer will increase between $2,000 and $4,000. A transfer of $170,000 from the General Fund into the Police Capital Project Fund will occur in FY13; in FY14 and FY15, the transfer will be $349,000 and $173,000, respectively. The transfer will then fluctuate from FY16-FY22; the amount to be transferred will

depend on residual fund balance and the overall level of need in future years. These transfers will provide critical funding necessary for major equipment replacement, e.g. fire hoses, self-contained breathing apparatus, guns, etc. A transfer from the General Fund of $10,000 per year from FY13-FY22 is provided in the Maintenance Services Capital Fund in order to purchase replacement equipment on an annual basis.

16. In order to replace vehicles within the Enterprise funds each fiscal year, the following annual transfers will occur into the Fleet Management Enterprise Capital Fund: $71,000 from the Airport Operating Fund; $85,000 from the Stormwater Fund; $240,000 from the Sewer Fund; and $286,000 from the Water Fund.

17. In order to replace vehicles within departments funded through the General Fund, transfers into the Fleet Management General Fund Capital Fund will be $500,000 in FY13, increasing to $600,000 in FY 14 and $1,000,000 in FY15, respectively. From FY16-FY20, the transfer will increase by $500,000 per year, culminating in a transfer of $3,000,000 into the fund by FY19 and continuing through FY22.

18. The Program reflects expected cash flow in future program years and Council appropriations carried forward from the current year.

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CAPITAL IMPROVEMENT PROGRAM SUMMARY

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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.

FY13 CAPITAL IMPROVEMENT BUDGET:

The City of Hayward's FY13 capital budget totals about $106 million, with approximately $354 million programmed for the period FY13 through FY22. The CIP also includes a list of additional identified capital needs, which for the current period totals about $326 million.

The Capital Improvement Program contains 23 funds in which projects are funded and programmed: Gas Tax (210), Measure B - Local Transportation (211), Measure B - Pedestrian & Bicycle (212), Housing Authority Capital (242), Capital Improvement (410), Street System Improvement (413), Police Capital Project (415), Fire Capital Project (416), Maintenance Services Capital (417), Library and Community Services Capital (418), Transportation System Improvement (420), Route 238 Trust (430), 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), Technology Services Internal Service (726), Fleet Management General Fund Capital (731), and Fleet Management Enterprise Capital (732).

Major project expenditures in the FY13 capital budget, not previously identified, include the following:

* *Citywide Conversion of Streetlights to LED (210)*	*3,500,000*
* *Pavement Rehabilitation FY14 (210)*	*800,000*
* *Pavement Reconstruction FY14 (211)*	*900,000*
* *Pavement Rehabilitation FY14 (211)*	*1,300,000*
* *Comprehensive General Plan Update (410)*	*2,203,000*
* *Sidewalk Rehabilitation Project FY14 - Districts 7 and 10 (413)*	*700,000*
* *B Street Pavement Repair (413)*	*786,000*
* *Automated Materials Handling System – Main Library (418)*	*700,000*
* *Solar Power at Various Water Facilities (622)*	*3,000,000*
* *Mission Aqueduct Condition Assessment & Cathodic Protection (622)*	*900,000*
* *Cast Iron Water Pipeline Replacement (623)*	*5,000,000*
* *Pavement Reconstruction – West T-Hangar Tie-Down Ramp (632)*	*1,200,000*

Major continuing project expenditures in the FY13 capital budget include the following:

* *Pavement Rehabilitation FY13 (210)*	*975,000*
* *Pavement Rehabilitation FY13 (211)*	*1,200,000*
* *Dixon Street Improvements: Tennyson to Valle Vista (413)*	*2,050,000*
* *Sidewalk Rehabilitation FY11 – Districts 2&3 (413)*	*900,000*
* *880/92 Reliever Route Project (413)*	*4,380,000*
* *Median Landscaping Improvement Project FY12 – Industrial Parkway (413)*	*900,000*
* *Sidewalk Rehabilitation Project FY13 – Districts 4&5 (413)*	*900,000*
* *Route 238 Corridor Improvement Project: Construction (430)*	*24,750,000*
* *WPCF Administration Building Renovation and Addition (613)*	*2,000,000*
* *Recycled Water Treatment and Distribution Facilities (613)*	*7,300,000*
* *Enclose Effluent Contact Channel (613)*	*2,400,000*
* *Solar Power Design and Construction Phase II – 1 MW (613)*	*5,300,000*
* *Enclose Effluent Channel (616)*	*4,600,000*
* *West Trickling Filter Replacement (616)*	*6,800,000*
* *Utility Center Renovation/Training Center Addition (2nd Floor) (622)*	*2,500,000*
* *Main Replacements – Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand (623)*	*2,623,000*
* *Conversion to Advanced Metering Infrastructure (623)*	*2,000,000*
* *New Administration Building (632)*	*2,300,000*

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

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PROJECT CHANGES AND MODIFICATIONS

LIVABLE NEIGHBORHOODS PROJECTS

I. Added the following projects:

A. Citywide Conversion of Traffic Safety Lights to LED: $250,000 – FY13 – This project will replace all of the City's traffic safety lights with light-emitting diode (LED) lights, which will save energy as well as reduce maintenance costs. (210-TBD)

B. Citywide Conversion of Streetlights to LED: $3,500,000 – FY13 – This project will replace all of the City's streetlights with light-emitting diode (LED) lights, which will save energy as well as reduce maintenance costs. (210-TBD)

C. Wheelchair Ramps – Districts 7 & 10: $120,000 – FY14 – This project will install wheelchair ramps within the area bordered by Tennyson, La Playa Drive and Hesperian as well as the area bordered by Winton, Grand, and A Street. (210-TBD)

D. New Sidewalks: Huntwood Avenue, D Street, and Industrial Boulevard: $400,000 – FY13 & FY14 – Project will install new sidewalks along portions of Huntwood Avenue, D Street, and Industrial Boulevard. (212-TBD)

E. Mural Art Program: $250,000 – FY13 through FY16 – This project will allow for the painting of murals in selected locations throughout the City; the project will serve to address code corrections, act as a graffiti deterrent Citywide, & support Council priorities. (410-TBD)

F. Sidewalk Rehabilitation FY14 – Districts 7 & 10: $700,000 – FY14 -- Project will rehabilitate sidewalks, curbs, and gutters within District 7, which is the area bordered by Tennyson, La Playa Drive, and Hesperian as well District 10, which is bordered by Winton, Grand, and A Street. (413-TBD)

II. Miscellaneous Changes:

A. New and Replacement Streetlights: Added funding of $30,000 each in FY21 & FY22 to permit the project to continue. (210-5132)

B. Traffic Signal Energy: Added a total of $174,000 in FY21 & FY22 to continue project. (210-5186)

C. Traffic Signal Maintenance: Added a total of $573,000 in FY21 & FY22 to continue project. (210-5187)

D. Streetlight Energy: Added a total of $804,000 in FY21 & FY22 to continue project. (210-5188)

***LIVABLE NEIGHBORHOODS PROJECTS* (continued):**

E. *Streetlight Maintenance: Added a total of $474,000 in FY21 & FY22 to continue project. (210-5189)*

F. *Wheelchair Ramps FY13 – Districts 4 & 5: Decreased funding by $7,000 to match amount of expected TDA reimbursement. (210-TBD)*

G. *Wheelchair Ramps FY15 – FY22: Added funding of $120,000 each in FY21 & FY22 to permit the project to continue. (210-TBD)*

H. *Speed Monitoring Devices: Added funding of $40,000 in order to install several more solar-powered speed monitoring devices at high-priority locations along thoroughfares throughout the City during FY13. (211-5166)*

I. *Industrial Boulevard Pedestrian/Bicycle Bridge Relocation: Added $50,000 to project in order to remove and replace deteriorated bridge deck wood planks. (212-5130)*

J. *Pedestrian Traffic Signal Improvements: Added funding of $15,000 each in FY21 & FY22 in order to permit the project to continue. (212-5175)*

K. *New Sidewalks – Franklin, Harder, and Phillips: Reduced project cost by $50,000 to match expected Measure B revenue. (212-5176)*

L. *New Sidewalks FY15 – FY22: Added funding of $400,000 each in FY21 & FY22 to permit continuation of this project. (212-TBD)*

M. *Landscape Material/Street Tree Replacements: Added funding of $55,000 each in FY21 & FY22 in order to continue program. (410-5102)*

N. *Annual Median Tree & Shrub Replacement: Added funding of $50,000 each in FY21 & FY22 to continue ongoing effort to maintain and improve the City's urban forest. (410-6938)*

O. *Neighborhood Partnership Program Project: Added funding of $50,000 each in FY21 & FY22 to continue project. (410-6950)*

P. *Sidewalk Rehabilitation FY15 – FY22: Added funding of $700,000 each in FY21 & FY22 to continue project. (413-TBD)*

Q. *Speed Lump Installation Program: Added funding of $70,000 each in FY21 & FY22 to permit continuation of the program. (420-5734)*

ROAD AND STREET PROJECTS

I. Added the following projects:

A. Pavement Reconstruction FY14 – Alonda Court, Cottonwood Ave., O'Neil Ave., and Mitchell Place: $900,000 – FY13 & FY14 – Project will repair severely deteriorated streets along portions of Alonda Court, Cottonwood Ave., O'Neil Ave., and Mitchell Place. (211-TBD)

B. Pavement Rehabilitation FY14 – Danforth Lane, Grasmere Place, Harvest Court, Linfield Lane, Peterman Avenue, Seabreeze Court, Thornwall Lane, and Victory Drive: $1,300,000 – FY13 & FY14 – Project will improve pavement along Danforth Lane, Grasmere Place, Harvest Court, Linfield Lane, Peterman Lane, Seabreeze Court, Thornhill Lane, and Victory Drive. (211-TBD)

C. City Municipal Parking Lot #5: $420,000 – FY13 -- Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY13, Parking Lot #5 is scheduled for improvements. (413-TBD)

D. B Street Pavement Repair: $800,000 – FY13 -- This project consists of the repair of pavement on B Street from Second Street to Kelly Street; planned work includes removing/replacing existing pavement in localized areas of failure as well as the application of crack sealing and a modified slurry seal. The project will also upgrade existing curb ramps to meet ADA requirements. (413-TBD)

E. Pavement Reconstruction FY14 – Alberta Court, Forselles Way, and Stafford Avenue: $500,000 – FY13 & FY14 – Project will repair pavement along Alberta Court, Forselles Way, and Stafford Street. (413-TBD)

II. Miscellaneous Changes:

A. Pavement Rehabilitation - Gas Tax FY14: Added $100,000 to project due to more current cost estimates. (210-TBD)

B. Pavement Rehabilitation FY15 – FY22: Added funding of $800,000 each in FY21 & FY22 to permit the project to continue. (210-TBD)

C. Pavement Reconstruction FY15 – FY22: Added $800,000 each in FY21 & FY22 to continue the program. (211-TBD)

D. Pavement Rehabilitation Measure B FY15 – FY22: Increased funding for projects by $200,000 per year from FY15-FY18; increased funding by $100,000 in FY20; added funding of $1,300,000 each in FY21 & FY22 to continue the program. (211-TBD)

E. Dixon Street Improvements - Tennyson to Valle Vista: Added $2,499,000 to reflect the full cost of the project. (413-5167)

***ROAD AND STREET PROJECTS* (continued):**

F. *I-880/92 Reliever Route Project: Design, Right-of-Way and Construction: Increased project by $77,000 due to updated cost estimate. (413-5197)*

G. *City Municipal Parking Lot Pavement Maintenance: Added $100,000 each in FY21 & FY22 to continue project. (413-5151)*

H. *Pavement Reconstruction FY15 – FY22: Added funding of $600,000 each in FY21 & FY22 to continue project. (413-TBD)*

I. *Slurry Seal/Preventive Maintenance FY19 - FY22: Added funding of $400,000 each in FY21 & FY22 to continue project. (413-TBD)*

J. *Traffic Control Devices Repair/Replacement: Added funding of $40,000 each in FY21 & FY22 to permit continuation of the project. (420-5809)*

K. *Controller Cabinet Replacement Program: Added funding of $25,000 each in FY21 & FY22 to permit continuation of the project. (420-5856)*

L. *Transportation System Management Projects: Added funding of $40,000 each in FY21 & FY22 to permit continuation of the project. (420-5877)*

M. *Quick Response Traffic Safety Projects: Added funding of $15,000 each in FY21 & FY22 to continue project. (420-5893)*

N. *Intersection Improvement Project: Added $300,000 to allow for an additional improvement project during FY21 & FY22. (420-TBD)*

O. *Route 238 Corridor Improvement Project: Increased expenditures by $5,000,000 due to the higher costs associated with asphalt as well as more current cost estimates for construction. (430-5117)*

P. *Preliminary Design and Environmental Study for the Route 238 Corridor Improvement Project - Phase II: Decreased cost of project by $500,000 due to the amount of LATIP funding available for this project. (430-5194)*

Q. *Foothill/Mission Corridor Maintenance: Reduced total project cost by $300,000; added $100,000 each in FY21 & FY22 to continue ongoing maintenance efforts. (430-5162)*

R. *Route 238 Corridor Improvement Project - Phase III (Mission from Industrial to South City Limit): Decreased cost of project by $12,868,000 due to the amount of LATIP funding available for this project. (430-TBD)*

BUILDING AND MISCELLANEOUS PROJECTS

I. Added the following projects:

A. Interior Painting of City Facilities: $30,000 – FY13 – This project will allow for the painting of the interior of City buildings. (410-TBD)

B. Comprehensive General Plan Update: $2,203,000 – FY13 & FY14 – This project will prepare a comprehensive update to the City's General Plan and an Environmental Impact Report. (410-TBD)

C. Fire Station #7 - Design: $400,000 – FY12 & FY13 – A new fire station #7 will be constructed to replace the existing station, which is a 4-piece, modular building with an adjacent apparatus bay that opened in 1998. (416-TBD)

D. Exterior Painting of City Facilities: $55,000 in FY14 & $72,000 in FY18 – Project to re-paint the exterior of various City facilities. (721-TBD)

E. Interior Painting of City Facilities: $30,000 – FY17 – FY22 – This project will allow for the annual painting of the interior of City buildings. (721-TBD)

II. Miscellaneous Changes:

A. City Facilities Needs Assessment Study: Increased funding by $150,000 due to more refined scope. (410-6901)

B. Miscellaneous Flooring Replacement: Added $1,000 to project cost. (721-7202)

C. Underground Storage Tank Upgrades and Certification: Added $30,000 each in FY21 & FY22 to continue project. (721-7211)

D. HVAC Replacement/Various Units: Reduced project costs by $24,000. (721-7201)

E. Window Covering Replacement: Increased total cost for project by $46,000 in order to add the replacement of vertical blinds at City Hall during FY16. (721-7210)

F. Emergency Generator Replacements-Fire Stations 2-6 and Overhaul of Unit at the Police Department: Reduced total cost of project by $3,000. (721-7209)

***BUILDING AND MISCELLANEOUS PROJECTS* (continued):**

G. *Roof Repair/Replacement - City Buildings: Increased total cost of project by $398,000 to accommodate roof repair at Police Department in FY20. (721-7203)*

EQUIPMENT

I. *Added the following projects:*

A. *Wearable Police Video Cameras: $174,000 – FY13 – The existing inventory of digital audio recorders are in need of replacement, and the department is researching the viability of migrating to video technology. (415- TBD)*

B. *Field Operations Equipment: $10,000 – FY13 through FY22 – A certain number of chairs in the report writing room will be replaced each year. (415-TBD)*

C. *Criminal Investigations Equipment: $77,000 – FY13 through FY22 – This project will replace items such as the Cell Brite Forensics System, the interview room recording system, a/v duplicating equipment and portable audio recorders for investigators. (415-TBD)*

D. *Special Operations Equipment: $11,000 – FY13 through FY20 – This project will replace items such as GPS trackers and night vision devices that are used for undercover and other special operations. (415- TBD)*

E. *Storage PODS: $30,000 – FY13 – A 10' by 40' State-approved container, which would house medical supplies, cots, and other associated equipment, is to be stationed on the property at Fire Station #6. (416- TBD)*

F. *Emergency Notification System: $40,000 – FY13 – This project will allow for the installation of an emergency notification system, which can alert residents of an emergency in their area. (416- TBD)*

G. *Emergency Equipment Cargo Trailers: $100,000 – FY13 – Equipment used for training is currently housed in an old, leaking, rusted, refrigerated cargo container. (416- TBD)*

H. *Shallow Water Rescue Boat: $130,000 – FY13 – Funding for this project will allow for the purchase of a shallow water rescue boat. (416- TBD)*

***EQUIPMENT* (continued):**

I. *Station-Based Air Compressor for SCBA Bottles: $130,000 – FY13 – This project would allow for fixed compressed air filling stations to be installed at Fire Stations 1 and 7. (416- TBD)*

J. *Automated Materials Handling System-Main Library: $700,000 – FY13 – The proposed project will implement a state-of-the-art, automated materials handling (AMH) system in the existing Main Library facility. (418- TBD)*

K. *City Hall Camera System: $50,000 – FY13 – This project will allow for the installation of a new camera system for City Hall. (721-TBD)*

L. *Fire Alarm/Smoke Detector Replacement: $55,000 – FY13 – A new fire alarm/smoke detector system will be installed at the Police Department. (721- TBD)*

M. *City Parking Garage Camera System: $60,000 – FY16 – This project will allow for the installation of a new camera system at the City Hall parking structure. (721- TBD)*

II. *Miscellaneous Changes:*

A. *StreetView System Upgrade: Added funding of $60,000 in FY21to continue project. (210-5133)*

B. *Dispatch Equipment: Increased total project cost by $8,000. (415-7402)*

C. *Long Guns (Duty): Increased project costs by a total of $40,000. (415-7404)*

D. *SWAT Team Equipment: Increased total cost for project by $45,000. (415-7405)*

E. *K9 Handler Setup: Reduced total project cost by $51,000. (415-7406)*

F. *Tasers: Increased project costs by a total of $107,000. (415-7403)*

G. *Body Armor: Increased project costs by $58,000. (415-TBD)*

H. *K9 Units: Increased project costs by $17,000. (415-TBD)*

***EQUIPMENT* (continued):**

I. *Digital Audio Recorders: Reduced project costs by $1,000. (415-TBD)*

J. *Emergency Radio Equipment: Reduced total cost of project by $65,000. (416-7456)*

K. *Furnishings: Added $17,000 each year from FY13-FY22; consolidated Project 7462 (Mattresses) into project as well as adding $12,000 per year for other related items. (416-7461)*

L. *Nozzles: Added funding of $7,000 each in FY21 & FY22 to permit the project to continue. (416-7463)*

M. *Physical Fitness Equipment: Added funding of $18,000 each in FY21 & FY22 to permit the project to continue. (416-7464)*

N. *Defibrillators: Reduced total cost of project by $35,000. (416-7451)*

O. *Apparatus Appliances: Added funding of $12,000 each in FY21 & FY22 to permit the project to continue. (416-7452)*

P. *Hose (5", 3", 1 3/4", 1 1/2", 1") : Added funding of $25,000 each in FY21 & FY22 to permit the project to continue. (416-7453)*

Q. *Replacement Equipment for Maintenance Services: Added $10,000 each in FY21 & FY22 to allow project to continue. (417-7475)*

R. *SCADA Historian Software: Added $25,000 to project due to additional cost for software & installation. (623-7053)*

S. *Enterprise Resource Planning System: Increased total cost for project by $610,000 due to more refined estimates. (726-7255)*

T. *Desktop Computer Replacement Program: Reduced project by $50,000 per year from FY13-FY20 as the cost to purchase computers has steadily decreased; added $100,000 each in FY21 & FY22 to continue project. (726-7253)*

U. *Public Safety Mobile Replacement Project: Added $50,000 each in FY21 & FY22 to continue this project. (726-7256)*

V. *Network Server Replacement Project: Added $100,000 each in FY21 & FY22 to continue this project. (726-7257)*

W. *Geographic Information System Improvements: Added $25,000 each in FY21 & FY22 to continue this project. (726-7259)*

FLEET MANAGEMENT

II. Miscellaneous Changes:

A. Vehicle Replacement Needs - Fire: Increased appropriations by $3,036,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Fire vehicles which have reached the end of their useful life. (731-7301)

B. Vehicle Replacement Needs - Police: Added a total of $1,215,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Police vehicles which have reached the end of their useful life. (731-7303)

C. Vehicle Replacement Needs - Other General Fund: Increased appropriations by $1,743,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of non-public safety vehicles which have reached the end of their useful life. (731-7302)

D. Vehicle Replacement Needs - Water: Increased appropriations by $739,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life. (732-7353)

E. Vehicle Replacement Needs - Airport: Increased appropriations by $23,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Airport vehicles which have reached the end of their useful life. (732-7350)

F. Vehicle Replacement Needs - Sewer: Increased appropriations by $884,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life. (732-7352)

G. Vehicle Replacement Needs – Stormwater: Increased appropriations by $363,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Stormwater Division vehicles which have reached the end of their useful life. (732-7351)

SEWER SYSTEM PROJECTS

I. Added the following projects:

A. Utilities Laboratory Information Management & Data Entry: $40,000 – FY13 – The water and wastewater data management software secures data collection, streamlines reporting, provides user-defined alerts, as well as powerful charting, graphing and mapping tools. (613-TBD)

***SEWER SYSTEM PROJECTS* (continued):**

B. *Energy Management at WPCF: $100,000 – FY13 – This project would review the total energy generation at the WPCF from solar photovoltaic and from cogeneration using biogas, as well as review the PG&E, CPUC, and state regulations regarding energy export. (613- TBD)*

C. *Sewer Spot Repairs at Various Easement Areas: $600,000 – FY13 & FY14 – This project consists of performing sewer spot repair by replacing approximately 800 feet of existing damaged sewer pipe with new PVC pipe. (614- TBD)*

D. *Valle vista Sewer Force Main Inspection, Cleaning and Repair: $200,000 in FY13 & $200,000 in FY14 – This project would inspect, clean and repair (as necessary) the 27-inch Valle Vista sewer force main. (614- TBD)*

E. *Easement Sewer Main Inspection, Cleaning and Repair Project: $300,000 in FY13 & $300,000 in FY14 – Inspect, clean and repair (as necessary) the Ward Creek, Whitman, and Tiegan easement sewer mains. (614- TBD)*

F. *Stormwater Trash Capture Device - Phase II: $150,000 – FY13 – A previous project allowed for the installation of a trash capture at the intersection of Tennyson and Tyrrell that met about 67% of the Water Board requirements. This project will install a second trash capture device to fulfill the remainder of the State mandate for stormwater treatment prior to July 1, 2014. (614- TBD)*

G. *Valle Vista Sewer Force Main Reliability Alternatives Study: $200,000 – FY13 – This project would examine alternatives for providing redundancy and increasing reliability for the Valle Vista sewer force main. (614- TBD)*

H. *Centex Sewer Lift Station Upgrade: $300,000 – FY13 – This project would replace pumps with submersible Flygt pumps, as well as upgrade MCC and controls. (614- TBD)*

I. *Linden and Halifax Lift Station Generator Replacement: $350,000 – FY15 – This project will replace emergency generators located at the Halifax and Linden sewer lift stations. (614- TBD)*

J. *Tennyson Lift Station Submersible Pump Replacement and Wet Well Rehabilitation: $350,000 – FY20 – This project will replace three 35 horsepower submersible pumps and also evaluate the condition of the wet well T-lock and repair and replace as needed. (614- TBD)*

K. *Degritter Rehabilitation Project: $175,000 – FY13 – WPCF staff are reviewing replacement units for the degritter and grit conveyor. (616- TBD)*

***SEWER SYSTEM PROJECTS* (continued):**

L. *Northwest Primary Clarifier Rehabilitation Project: $230,000 – FY13 – This project replaces the surface scum collector mechanism, repairs the bottom sludge collector mechanism, repairs and coats the concrete surfaces in the clarifier, and coats or replaces worn weirs. (616- TBD)*

M. *South Vacuator Coating and Rehabilitation Project: $250,000 – FY13 – The project will coat the interior of the tank and repair/replace and coat the corroded metal collector mechanism. (616- TBD)*

N. *12kV Plant MCC and Underground Wiring Inspection and Minor Repair Project: $25,000 – FY14 – All 12kV underground wiring and MCC electrical panels will be thoroughly inspected for safety and operational intergrity, and repaired as needed. (616- TBD)*

O. *Equalization Pond Diversion Valve Replacement: $100,000 – FY14 – This project will replace the existing diversion valve with a new valve which is appropriate for the existing effluent flow control. (616- TBD)*

II. *Miscellaneous Changes:*

A. *WPCF Administration Building Renovation and Addition: Added $500,000 to project to reflect current cost estimates. (613-7506)*

B. *WPCF Grease Receiving and Processing Facility: Added $270,000 to project due to more current cost estimate. (613-7511)*

C. *Solar Power Design and Construction Phase II - 1 MW: Added $5,150,000 to project due to the inclusion of all estimated construction costs. (613-7530)*

D. *Water Pollution Control Facility Shrub Planting: Added $15,000 to project. (613-7545)*

E. *Miscellaneous Lift Station Equipment Replacement: Added $100,000 each in FY21 & FY22 to continue this program. (614-7575)*

F. *Sewer Collection System Master Plan Recommendations: Reduced project by $500,000. (614-TBD)*

G. *Annual Line Replacements - FY14-FY22: Added $1,200,000 each in FY21 & FY22 to continue project. (614-TBD)*

H. *Co-Generation System – Alternative and Implementation: Increased funding by $245,000 to allow for project-related consulting services. (616-7651)*

***SEWER SYSTEM PROJECTS* (continued):**

I. *EBDA Outfall Replacement Payment: Added $100,000 each in FY21 & FY22 to continue to pay Hayward's share of the outfall replacement fund. (616-7516)*

J. *Miscellaneous Plant Replacements: Added $300,000 each in FY21 & FY22 to continue this program. (616-7529)*

K. *Headworks Interior (Wetside and Dryside) Painting: Increased project cost by $100,000 as additional expense for inspection, evaluation, and repair of concrete in the wetside wetwell will be required prior to coating application. (616-7660)*

L. *Flow Equalization Pond Lining and Rehabilitation: Increased costs by $420,000 as the study resulted in better estimates for the scope of work needed to repair the pond lining. (616-7662)*

M. *WPCF Master Plan Recommended Projects: Increased funding by $1,000,000 by adding FY19 to the timeline for the project. (616-TBD)*

WATER SYSTEM PROJECTS

I. *Added the following projects:*

A. *Cross Connection Improvement Project: $100,000 – FY13 – A comprehensive cross connection program will be prepared that includes the following: physical site identification of all existing cross connection control devices; a hazard assessment of each device; and, inspection of devices in accordance with AWWA standards. (622- TBD)*

B. *Chlorine Booster Stations for Nitrification Prevention: $200,000 – FY13 – The first phase of this project is to investigate the feasibility of installing sodium hypochlorite boosting stations; the second phase will be to design and install one booster station to serve as a pilot project in order to further study and confirm the effects of adding sodium hypochlorite to the water distribution system. (622- TBD)*

C. *Design of Facility Improvements for Water Distribution Field and Customer Services: $200,000 – FY13 – This project will assess the need to renovate and seismically retrofit the existing Water Distribution Field and Customer Service office, which consists of office space, a meter shop, a new conference room, kitchen area, locker room, numerous restrooms and a warehouse area. (622- TBD)*

***WATER SYSTEM PROJECTS* (continued):**

D. *Garin Reservoir Water Quality Upgrades: $300,000 – FY13 – This project will install a separate line from Garin Reservoir to allow water from the reservoir to be drawn into the 250' zone from the Garin Reservoir at a different location from the Garin pump station suction line. (622-TBD)*

E. *Solar Power at Various Water Facilities: $3,000,000 – FY13 – This project will allow for the design and installation of solar panels at various water facilities that are currently 100 percent reliant on PG&E to meet their energy needs. Potential sites include Walpert, the 500, 750, 100 and 1285 reservoir/pump station sites, and the Hesperian pump station. (622- TBD)*

F. *Dead-End Water Main Improvements: $200,000 FY13 & $200,000 in FY14 – This project will identify and loop 5 dead-ends each year in order to improve water quality by ensuring a continuous flow of water. In addition, this project will include the design and installation of a water main and appurtenances as required to meet CDPH water quality standards. (622- TBD)*

G. *Mission Aqueduct Condition Assessment and Cathodic Protection: $900,000 – FY13 and FY14 – This project will determine the structural condition of the 24" Mission aqueduct and install cathodic protection and electrolysis test stations along the 11.6 mile length of the aqueduct. (622- TBD)*

H. *Distribution System Pressure Reducing Strategy: $500,000 – FY13 & FY14 – This project will study the feasibility of utilizing the Hesperian pump station valve manifold to manage the 250' zone distribution system pressure for water quality control and leak minimization. The results of the study will be used to develop implementation strategies. (623- TBD)*

I. *Cast Iron Water Pipeline Replacement: $5,000,000 – FY13 through FY17 – This project will remove and replace cast iron distribution pipelines that have exceeded their useful service life. (623- TBD)*

II. *Miscellaneous Changes:*

A. *Mission Aqueduct Seismic Improvements: Increased project by $325,000 due to more current cost estimates. (622-7122)*

B. *Electrical and Mechanical Improvements to High School Reservoir: Added $70,000 due to the actual, realized costs for project. (622-7137)*

C. *New 3 MG Reservoir at High School Reservoir Site: Reduced cost by $1,572,000 due to remaining fund balance. (622-7172)*

***WATER SYSTEM PROJECTS* (continued):**

D. *Water System Leak Detection Survey and Repair: Added $100,000 to project as a second survey is anticipated for FY13. (623-7026)*

E. *Cathodic Protection Master Plan: Reduced total cost for project by $6,000. (623-7041)*

F. *Miscellaneous Hydrant Replacement Program: Added funding of $25,000 each in FY21 & FY22 to continue this program. (623-7003)*

G. *Annual System Replacement Program: Added funding of $150,000 each in FY21 & FY22 to continue this program. (623-7006)*

H. *High Efficiency Fixture Replacement Program: Added $100,000 each in FY21 & FY22 to continue this project. (623-7013)*

I. *Annual Line Replacements FY14-FY22: Reduced funding by $500,000 each year in FY14-FY16; added funding of $1,500,000 each in FY21 & FY22 to continue project. (623-TBD)*

AIRPORT PROJECTS

I. *Added the following projects:*

A. *Airport Pavement Repair and Striping: $549,000 – FY13 – The Caltrans Division of Aeronautics has considered funding the repair areas of failing pavement under an Airport Acquisition and Development Grant. (632- TBD)*

B. *Pavement Reconstruction - West T-Hangar Tie-Down Ramp: $1,200,000 – FY20 – This project consists of milling, overlaying, fog sealing, and addressing drainage issues at the West T-Hangar tie-down ramp, which is in need of repair due to deterioration and wear. (632- TBD)*

II. *Miscellaneous Changes:*

A. *New Administration Building: Added $500,000 due to more current construction estimates. (632-6815)*

B. *Miscellaneous Pavement, Building, and Grounds Repairs: Added funding of $50,000 each in FY21 & FY22 to continue this project. (632-6891)*

***AIRPORT PROJECTS* (continued):**

C. *Noise Monitoring: Reduced funding by $24,000 from FY 14-FY20 due to more refined scope of equipment needed per year; added funding of $40,000 each in FY21 & FY22 to continue this project. (632-6898)*

D. *Airport Pavement Rehabilitation FY13-FY16: Eliminated project funding from FY17-FY20 due to budget constraints. (632-TBD)*

E. *Airport Pavement Management Program Update: Added $35,000 in FY21 to continue program. (632-TBD)*

F. *Realignment of Taxiway Zulu: Decreased project costs by $589,000 in order to match the expected amount of reimbursement from FAA. (632-TBD)*

G. *EMAS Runway Safety Area Improvements: Increased project costs by $2,500,000 in order to match the expected amount of reimbursement from FAA. (632-TBD)*

H. *Golf Course Modifications/Road Relocation: Increased project costs by $9,000 in order to match the expected amount of reimbursement from FAA. (632-TBD)*

I. *Rehabilitation of TWY Alpha and 10L/28R & Rehab TWY Delta: Increased project costs by $29,000 in order to match the expected amount of reimbursement from FAA. (632-TBD)*

J. *Renovation of Airfield Lighting and Markings: Eliminated project due to lack of FAA funding. (632-TBD)*

K. *Install RENLS and PAPIS: Eliminated project due to lack of FAA funding. (632-TBD)*

L. *Relocate West Access Road and Runway 10R holding area: Eliminated project due to lack of FAA funding. (632-TBD)*

M. *Install Runway End Identifier Lights 10L/28R: Eliminated project due to lack of FAA funding. (632-TBD)*

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TEN-YEAR CAPITAL PROJECT EXPENDITURE SUMMARY AND CAPITAL PROJECT LIST BY CATEGORY FY 2011 THROUGH FY 2020

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FY 2013 - FY 2022 CAPITAL IMPROVEMENT PROGRAM

CAPITAL PROJECT EXPENDITURE SUMMARY

PROJECT DESCRIPTION	PROJECT TOTAL	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
Livable Neighborhoods	32,838	7,835	2,917	2,853	2,527	3,272	3,498	2,455	2,475	2,493	2,513
Road & Street Projects	103,236	36,905	18,567	12,639	6,847	5,302	4,228	4,514	4,821	4,578	4,835
Building/Misc Projects	5,607	2,440	1,362	130	258	105	387	170	525	115	115
Fleet Management	30,241	1,980	1,867	2,017	2,469	4,327	3,225	3,285	3,653	3,743	3,675
Landscaping & Parks	539	175	329	35	0	0	0	0	0	0	0
Equipment	13,064	4,003	2,090	898	739	743	1,683	581	1,239	496	592
Sewer System Projects	78,389	33,933	7,466	7,795	3,260	4,160	3,260	3,760	10,060	2,935	1,760
Water System Projects	67,200	15,600	10,755	8,605	3,330	4,080	4,610	7,830	1,830	1,830	8,730
Airport Projects	23,307	3,404	750	3,068	739	8,758	3,232	1,183	1,888	160	125
TOTAL CAPITAL EXPENDITURES	354,421	106,275	46,103	38,040	20,169	30,747	24,123	23,778	26,491	16,350	22,345

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.

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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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
LIVABLE NEIGHBORHOODS														
Gas Tax Fund (210)	5132	New and Replacement Street Lights	56	30	30	30	30	30	30	30	30	30	30	356
Gas Tax Fund (210)	5186	Traffic Signal Energy	100	85	72	74	76	78	80	83	85	86	88	907
Gas Tax Fund (210)	5187	Traffic Signal Maintenance	243	243	248	253	258	263	268	274	279	284	289	2,902
Gas Tax Fund (210)	5188	Streetlight Energy	642	472	315	328	341	355	369	383	391	398	406	4,400
Gas Tax Fund (210)	5189	Streetlight Maintenance	200	200	204	208	212	216	221	225	230	235	240	2,391
Gas Tax Fund (210)	TBD	Wheelchair Ramps - FY13 - Districts 4 & 5	0	113										113
Gas Tax Fund (210)	TBD	Citywide Conversion of Traffic Safety Lights to LED	0	250										250
Gas Tax Fund (210)	TBD	Citywide Conversion of Streetlights to LED	0	3,500										3,500
Gas Tax Fund (210)	TBD	Wheelchair Ramps - FY14 - Districts 7 & 10	0	12	108									120
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY15 - FY22	0	0	0	120	120	120	120	120	120	120	120	960
Measure B Tax (211)	5166	Speed Monitoring Devices	170	40										210
Measure B Tax (212)	5130	Industrial Blvd. Pedestrian/Bicycle Bridge Relocation	270	50										320
Measure B Tax (212)	5176	New Sidewalks: Franklin, Harder, Phillips	100	400										500
Measure B Tax (212)	5175	Pedestrian Traffic Signal Improvements	173	15	15	15	15	15	15	15	15	15	15	323
Measure B Tax (212)	TBD	New Sidewalks FY14: Huntwood, D, Industrial	0	50	350									400
Measure B Tax (212)	TBD	New Sidewalks FY15-FY22	0	0	50	350	400	400	400	400	400	400	400	3,200
Capital Improvement (410)	5102	Landscape Material/Street Tree Replacements	55	55	55	55	55	55	55	55	55	55	55	605
Capital Improvement (410)	6938	Annual Median Tree & Shrub Replacement	50	50	50	50	50	50	50	50	50	50	50	550
Capital Improvement (410)	6950	Neighborhood Partnership Program Project	266	50	50	50	50	50	50	50	50	50	50	766
Capital Improvement (410)	6978	Foothill Gateway Landscape Plan	0	50										50
Capital Improvement (410)	TBD	Mural Art Program	0	100	50	50	50							250
Street Sys Imp (413)	5184	Median Landscaping Improvement Project FY12	100	900										1,000
Street Sys Imp (413)	TBD	Median Landscaping Improvement Project FY13	0	200										200
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY13 - Districts 4 & 5	0	900										900
Street Sys Imp (413)	TBD	Median Landscaping Improvement Project FY14	0	0	500									500
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY14 - Districts 7 & 10	0	0	700									700
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY15 - FY22	0	0	50	700	700	700	700	700	700	700	700	5,650
Street Sys Imp (413)	TBD	Median Landscaping Improvement Project FY15	0	0	0	500								500
Street Sys Imp (413)	TBD	Median Landscaping Improvement Project FY16-17	0	0	0	0	100	770						870
Street Sys Imp (413)	TBD	Median Landscaping Improvement Project FY18-20	0	0	0	0	0	100	1,070					1,170
Transp Sys Imp (420)	5734	Speed Lump Installation Program	80	70	70	70	70	70	70	70	70	70	70	780
		TOTAL LIVABLE NEIGHBORHOODS PROJECTS	2,505	7,835	2,917	2,853	2,527	3,272	3,498	2,455	2,475	2,493	2,513	35,343

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(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	55	15	65	15	65	15	65	15	65	15	65	455
Gas Tax Fund (210)	5116	Congestion Management Program	73	77	82	87	92	97	103	109	116	123	130	1,089
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)	5170	Pavement Rehabilitation - Gas Tax FY13	25	975										1,000
Gas Tax Fund (210)	TBD	Pavement Rehabilitation - Gas Tax FY14	0	100	700									800
Gas Tax Fund (210)	TBD	Pavement Rehabilitation - Gas Tax FY15 - FY22	0	0	100	800	800	700	700	700	800	800	800	6,200
Measure B Tax (211)	5172	Pavement Reconstruction FY13	50	750										800
Measure B Tax (211)	5174	Pavement Rehabilitation, Measure B - FY13	100	1,200										1,300
Measure B Tax (211)	TBD	Pavement Reconstruction FY14	0	50	850									900
Measure B Tax (211)	TBD	Pavement Rehab, Measure B - FY14	0	100	1,200									1,300
Measure B Tax (211)	TBD	Pavement Reconstruction FY15 - FY22	0	0	50	750	800	800	800	800	800	800	800	6,400
Measure B Tax (211)	TBD	Pavement Rehabilitation, Measure B FY15 - FY22	0	0	100	1,200	1,200	1,200	1,200	1,200	1,300	1,300	1,300	10,000
Street Sys Imp (413)	5167	Dixon Street Improvements - Tennyson to Valle Vista	505	2,050										2,555
Street Sys Imp (413)	5148	Project Predesign Services	148	50	50	50	50	50	50	50	50	50	50	648
Street Sys Imp (413)	5197	880/92 Reliever Route Project - Phase I	6,735	4,380	12,030	3,447								26,592
Street Sys Imp (413)	5180	Pavement Reconstruction FY13 - Wauchula Way	50	550										600
Street Sys Imp (413)	5151	City Municipal Parking Lot Pavement Maintenance	1	0	0	0	250	100	120	250	100	100	100	1,021
Street Sys Imp (413)	TBD	City Municipal Parking Lot #5	0	420										420
Street Sys Imp (413)	TBD	B Street Pavement Repair	0	800										800
Street Sys Imp (413)	TBD	Pavement Reconstruction FY14	0	50	450									500
Street Sys Imp (413)	TBD	Pavement Reconstruction FY15-FY22	0	0	50	500	500	500	600	600	600	600	600	4,550
Street Sys Imp (413)	TBD	Slurry Seal/Preventive Maintenance - FY19-FY22	0	0	0	0	0	0	0	400	400	400	400	1,600
Transp Sys Imp (420)	5703	Signal Timing and Controller Repl Prog - Clawiter	20	198										218
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	15	25	25	25	25	25	25	25	25	25	25	265
Transp Sys Imp (420)	5877	Transportation System Management Projects	19	40	40	40	40	40	40	40	40	40	40	419
Transp Sys Imp (420)	5893	Quick Response Traffic Safety Projects	5	15	15	15	15	15	15	15	15	15	15	155
Transp Sys Imp (420)	TBD	Citywide Intersection Improvement Study	0	150	150									300
Transp Sys Imp (420)	TBD	Intersection Improvement Project - TBD	0	0	0	50	250	50	250	50	250	50	250	1,200
Route 238 Trust (430)	5117	Rte 238 Corridor Improvement Proj - Design & Construction	72,550	24,750	700									98,000
Route 238 Trust (430)	5114	Administration and Predesign	223	60	60	60	60	60	60	60	60	60	60	823
Route 238 Trust (430)	5194	Prelim Design/Env Study - Phase II of Rte 238 Corridor Impr P	0	0	500									500
Route 238 Trust (430)	5162	Foothill/Mission Corridor Maintenance	34	0	100	100	100	100	100	100	100	100	100	934
Route 238 Trust (430)	TBD	Rte 238 Corridor Improvement Proj - Phase II	0	0	1,150	5,400								6,550
Route 238 Trust (430)	TBD	Rte 238 Corridor Improvement Proj - Phase III	0	0	0	0	2,500	1,450						3,950
		TOTAL ROAD AND STREET PROJECTS	80,708	36,905	18,567	12,639	6,847	5,302	4,228	4,514	4,821	4,578	4,835	183,944

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
BUILDING/MISC PROJECTS														
Cap Improvement (410)	6901	City Facilities Needs Assessment Study	70	180										250
Cap Improvement (410)	6992	New Library - Programming/Design	597	403										1,000
Cap Improvement (410)	6977	UST Remediation Study - Fire Station 2	235	35	25	25								320
Cap Improvement (410)	5160	Surplus Property Maintenance	15	15	15	15	15	15	15	15	15	15	15	165
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
Fire Capital (416)	TBD	Fire Station #7 - Design	75	325										400
Cap Improvement (410)	TBD	Interior Painting of City Facilities	0	30										30
Cap Improvement (410)	TBD	Comprehensive General Plan Update	0	1,101	1,102									2,203
Facilities Internal Svc (721)	7202	Miscellaneous Flooring Replacement	31	20	115	0	28	0	210					404
Facilities Internal Svc (721)	7211	Underground Storage Tank Upgrades and Certification	75	10	10	20	20	20	20	30	30	30	30	295
Facilities Internal Svc (721)	7201	HVAC Replacement/Various Units	77	190	0	30								297
Facilities Internal Svc (721)	7210	Window Covering Replacement	32	16	0	0	50							98
Facilities Internal Svc (721)	7209	Emergency Generator Replacements - Fire Station Nos. 2-6	155	0	0	0	0	0	0	55				210
Facilities Internal Svc (721)	7203	Roof Repair/Replacement	193	75	0	0	105	0	0	0	410			783
Facilities Internal Svc (721)	TBD	Exterior Painting of City Facilities	0	0	55	0	0	0	72					127
Facilities Internal Svc (721)	TBD	Interior Painting of City Facilities	0	0	0	0	0	30	30	30	30	30	30	180
		TOTAL BUILDING & MISCELLANEOUS PROJECTS	1,595	2,440	1,362	130	258	105	387	170	525	115	115	7,202
FLEET MANAGEMENT														
Fleet Mgmt Gen Fund (731)	7301	Vehicle Replacement Needs - Fire	3,447	203	675	732	869	2,052	880	867	925	1,514	901	13,065
Fleet Mgmt Gen Fund (731)	7303	Vehicle Replacement Needs - Police	1,282	550	550	625	875	893	930	906	1,053	887	1,034	9,585
Fleet Mgmt Gen Fund (731)	7302	Vehicle Replacement Needs - Other General Fund	818	280	276	164	300	300	700	800	800	800	800	6,038
Fleet Mgmt Enterprise (732)	7353	Vehicle Replacement Needs - Water	561	286	120	200	200	400	300	120	300	200	500	3,187
Fleet Mgmt Enterprise (732)	7350	Vehicle Replacement Needs - Airport	71	71	71	71	0	142	0	142	0	142		710
Fleet Mgmt Enterprise (732)	7352	Vehicle Replacement Needs - Sewer	0	590	175	175	175	300	175	450	400	200	200	2,840
Fleet Mgmt Enterprise (732)	7351	Vehicle Replacement Needs - Stormwater	0	0	0	50	50	240	240	0	175	0	240	995
		TOTAL FLEET MANAGEMENT PROJECTS	6,179	1,980	1,867	2,017	2,469	4,327	3,225	3,285	3,653	3,743	3,675	36,420

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
LANDSCAPE PROJECTS														
Sewer Cap Imp (613)	7545	Water Pollution Control Facility Shrub Planting	61	15										76
Water Sys Repl (623)	7047	Water Efficient Landscape Surveys and Incentives	225	125	125									475
Water Sys Repl (623)	7049	City-owned Turf Area Assessment & Pilot Turf Repl Program	0	35	35	35								105
Water Sys Repl (623)	7050	Bay-Friendly Water Conserv/Demonstration Garden	1	0	169									170
		TOTAL LANDSCAPE PROJECTS	287	175	329	35								826
EQUIPMENT														
Gas Tax Fund (210)	5133	StreetView System Upgrade	120	60	0	60	0	60	0	60	0	60	0	420
Street Sys Imp (413)	5153	Alameda County Aerial Photography	50	0	50	0	0	50	0	0	50	0	0	200
Police Capital (415)	7402	Dispatch Equipment	13	7	18	146	65	3	19	6	18	3	15	313
Police Capital (415)	7404	Long Guns (Duty)	6	14	14	6	6	6	6	6				64
Police Capital (415)	7405	SWAT Team Equipment	10	65	27	40	40	1	31	6	6	25	26	277
Police Capital (415)	7406	K9 Handler Setup	9	0	2	2	2	2	0	0	0	2	2	21
Police Capital (415)	7403	Tasers	85	0	0	0	0	0	96	96				277
Police Capital (415)	TBD	Wearable Police Video Cameras	0	174										174
Police Capital (415)	TBD	Field Operations Equipment	0	1	1	1	1	1	1	1	1	1	1	10
Police Capital (415)	TBD	Criminal Investigations Equipment	0	2	5	27	2	5	0	17	17	0	2	77
Police Capital (415)	TBD	Body Armor	0	22	22	81	22	111	22	22	81	22	111	516
Police Capital (415)	TBD	Special Operations Equipment	0	1	3	0	0	3	1	0	3			11
Police Capital (415)	TBD	Traffic Enforcement Equipment	0	14	0	12	18	0	0	0	24			68
Police Capital (415)	TBD	K9 Units	0	0	16	16	16	16	0	0	0	16	16	96
Police Capital (415)	TBD	Hand Guns (Duty)	0	0	0	0	0	0	0	0	151			151
Police Capital (415)	TBD	Digital Audio Recorders	0	0	0	0	0	0	0	0	0	0	52	52
Fire Capital (416)	7456	Emergency Radio Equipment	470	197										667
Fire Capital (416)	7461	Furnishings	3	20	20	20	20	20	20	20	20	20	20	203
Fire Capital (416)	7463	Nozzles	7	7	7	7	7	7	7	7	7	7	7	77
Fire Capital (416)	7464	Physical Fitness Equipment	18	18	18	18	18	18	18	18	18	18	18	198
Fire Capital (416)	7457	Float-O-Pumps	4	0	0	0	0	4						8
Fire Capital (416)	7458	Positive Pressure Blowers	10	0	0	0	0	10						20
Fire Capital (416)	7459	Portable Generators	20	0	0	0	0	20						40
Fire Capital (416)	7460	Hydraulic Rescue Tool	75	0	0	0	0	75						150
Fire Capital (416)	7450	Lucas Chest Compression System	90	0	0	0	0	0	100					190
Fire Capital (416)	7451	Defibrillators	250	0	0	0	0	0	240					490
Fire Capital (416)	7452	Apparatus Appliances	0	12	12	12	12	12	12	12	12	12	12	120
Fire Capital (416)	7453	Hose	0	25	25	25	25	25	25	25	25	25	25	250
Fire Capital (416)	7454	Rotary Rescue Saws	0	0	0	0	0	9						9
Fire Capital (416)	7455	Emergency Air Bag System	0	0	0	0	0	0	0	0	21			21
Fire Capital (416)	TBD	Storage PODS	0	30										30

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
Fire Capital (416)	TBD	Emergency Notification System	0	40										40
Fire Capital (416)	TBD	Emergency Equipment Cargo Trailer(s)	0	100										100
Fire Capital (416)	TBD	Shallow Water Rescue Boat	0	130										130
Fire Capital (416)	TBD	Station-Based Air Compressor for SCBA Bottles	0	130										130
Fire Capital (416)	TBD	Self-Contained Breathing Apparatus	0	10	750									760
Maint Svcs Capital (417)	7475	Replacement Equipment for Maintenance Services	60	10	10	10	10	10	10	10	10	10	10	160
Libry/Comm Svcs Cap (418)	TBD	Automated Materials Handling System - Main Library	0	700										700
Sewer Cap Imp (613)	7514	GIS Data Conversion/Migration (Sewer System Share)	0	150										150
Sewer Coll Sys Rep (614)	TBD	SCADA System Evaluation and Upgrade	0	0	0	0	0	0	300					300
Water Poll Ctrl Repl (616)	TBD	SCADA Computer Node and Server Upgrade	0	60										60
Water Poll Ctrl Repl (616)	TBD	SCADA System Evaluation and Upgrade	0	0	0	0	0	0	0	0	500			500
Water Sys Cap Imp (622)	7177	GIS Data Development and Conversion	1	174										175
Water Sys Repl (623)	7053	SCADA Historian Software	25	25										50
Water Sys Repl (623)	TBD	SCADA System Evaluation and Upgrade	0	0	0	0	0	0	500					500
Facilities Internal Svc (721)	TBD	City Hall Camera System	0	50										50
Facilities Internal Svc (721)	TBD	Fire Alarm/Smoke Detector Replacement	0	55										55
Facilities Internal Svc (721)	TBD	City Parking Garage Camera System	0	0	0	0	60							60
Tech Svcs Internal Svc (726)	7255	Enterprise Resource Planning (ERP) System	1,340	1,550	940	140	140							4,110
Tech Svcs Internal Svc (726)	7253	Desktop Computer Replacement Program	750	100	100	100	100	100	100	100	100	100	100	1,750
Tech Svcs Internal Svc (726)	7256	Public Safety Mobile Replacement Project	550	50	50	50	50	50	50	50	50	50	50	1,050
Tech Svcs Internal Svc (726)	7257	Network Server Replacement Project	160	0	0	100	100	100	100	100	100	100	100	960
Tech Svcs Internal Svc (726)	7259	Geographic Information System Improvements	75	0	0	25	25	25	25	25	25	25	25	275
		TOTAL EQUIPMENT	4,201	4,003	2,090	898	739	743	1,683	581	1,239	496	592	17,265

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
SEWER SYSTEM PROJECTS														
Sewer Cap Imp (613)	7506	WPCF Administration Building Renovation and Addition	500	2,000										2,500
Sewer Cap Imp (613)	7507	Recycled Water Treatment and Distribution Facilities	2,600	7,300										9,900
Sewer Cap Imp (613)	7511	WPCF Grease Receiving and Processing Facility	670	100										770
Sewer Cap Imp (613)	7522	Sewer Collection Sys Flow Monitoring & Master Plan Update	100	300										400
Sewer Cap Imp (613)	7641	Enclose Effluent Contact Channel	700	2,400										3,100
Sewer Cap Imp (613)	7523	Project Predesign Services	17	15	15	15	15	15	15	15	15	15	15	167
Sewer Cap Imp (613)	7530	Solar Power Design and Construction Phase II - 1 MW	0	5,300										5,300
Sewer Cap Imp (613)	7515	Convert Gravity Thickener to New Primary Clarifier	0	400	2,030									2,430
Sewer Cap Imp (613)	TBD	Utilities Laboratory Information Mgmt & Data Entry	0	40										40
Sewer Cap Imp (613)	TBD	Energy Management at WPCF	0	100										100
Sewer Cap Imp (613)	TBD	West Trickling Filter Biofilter	0	25	375									400
Sewer Cap Imp (613)	TBD	Storage Ponds Evaluation and Rehabilitation	0	0	500	4,000								4,500
Sewer Cap Imp (613)	TBD	New Final Clarifier	0	0	0	0	0	0	0	0	7,900			7,900
Sewer Coll Sys Rep (614)	7541	Install Stormwater Trash Capture Device	15	235										250
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)	TBD	Sewer Spot Repairs at Various Easement Areas	0	30	570									600
Sewer Coll Sys Rep (614)	TBD	Valle Vista Sewer Force Main Insp, Cleaning & Repair	0	200	200									400
Sewer Coll Sys Rep (614)	TBD	Easement Sewer Main Inspection, Cleaning & Repair	0	300	300									600
Sewer Coll Sys Rep (614)	TBD	Stormwater Trash Capture Device - Phase II	0	150										150
Sewer Coll Sys Rep (614)	TBD	Valle Vista Sewer Force Main Reliability Alt Study	0	200										200
Sewer Coll Sys Rep (614)	TBD	Centex Sewer Lift Station Upgrade	0	300										300
Sewer Coll Sys Rep (614)	TBD	Annual Line Replacements FY13	0	800										800
Sewer Coll Sys Rep (614)	TBD	Sewer Collection System Master Plan Recommendations	0	0	500	500	500	500						2,000
Sewer Coll Sys Rep (614)	TBD	Annual Line Replacements FY14 - FY22	0	0	600	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	10,200
Sewer Coll Sys Rep (614)	TBD	Linden and Halifax Lift Station Backup Generator Repl	0	0	0	350								350
Sewer Coll Sys Rep (614)	TBD	Valle Vista Submersible Pump Repl and Wet Well Rehab	0	0	0	0	0	400						400
Sewer Coll Sys Rep (614)	TBD	Tennyson Lift Station Submersible Pump Repl & Wet Well Rehab	0	0	0	0	0	0	0	0	350			350

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
Water Poll Ctrl Repl (616)	7640	Enclose Effluent Channel	500	4,600										5,100
Water Poll Ctrl Repl (616)	7654	Levee Road and Effluent Channel Repair	350	150										500
Water Poll Ctrl Repl (616)	7651	Co-Generation System - Alternative & Implementation	574	50	21									645
Water Poll Ctrl Repl (616)	7664	UST Cleanup and Closure at Maintenance Facility	140	45	35	35								255
Water Poll Ctrl Repl (616)	7516	EBDA Outfall Replacement Payment	100	100	100	100	100	100	100	100	100	100	100	1,100
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)	7639	West Trickling Filter Replacement	0	6,800										6,800
Water Poll Ctrl Repl (616)	7643	Digester Feed Valve Automation	0	75										75
Water Poll Ctrl Repl (616)	7647	Plant Exterior Buildings Painting	0	200										200
Water Poll Ctrl Repl (616)	7648	Seismic Retrofit Miscellaneous Plant Buildings	5	370										375
Water Poll Ctrl Repl (616)	7660	Headworks Interior (Wetside and Dryside) Painting	2	248										250
Water Poll Ctrl Repl (616)	7662	Flow Equalization Pond Lining and Rehabilitation	0	0	500									500
Water Poll Ctrl Repl (616)	7656	Main 480V MCC Electrical Distribution Repairs	0	0	0	0	0	0	0	0	50	1,175		1,225
Water Poll Ctrl Repl (616)	TBD	Degritter Rehabilitation	0	175										175
Water Poll Ctrl Repl (616)	TBD	Northwest Primary Clarifier Rehabilitation	0	230										230
Water Poll Ctrl Repl (616)	TBD	South Vacuator Coating and Rehabilitation	0	250										250
Water Poll Ctrl Repl (616)	TBD	12kV Plant MCC and Underground Wiring Insp/Repair	0	0	25									25
Water Poll Ctrl Repl (616)	TBD	Equalization Pond Diversion Valve Replacement	0	0	100									100
Water Poll Ctrl Repl (616)	TBD	Digester #1 Cleaning	0	0	150									150
Water Poll Ctrl Repl (616)	TBD	WPCF Master Plan Recommended Repl Projects	0	0	1,000	1,000	1,000	1,000	1,000	1,000				6,000
Water Poll Ctrl Repl (616)	TBD	Digester #2 Cleaning	0	0	0	150								150
Water Poll Ctrl Repl (616)	TBD	WPCF Access Roads Rehabilitation	0	0	0	0	0	500						500
Water Poll Ctrl Repl (616)	TBD	Digester #2 Cleaning and Dome Rehabilitation	0	0	0	0	0	0	500					500
Water Poll Ctrl Repl (616)	TBD	Digester #1 Cleaning and Dome Rehabilitation	0	0	0	0	0	0	0	500				500
Water Poll Ctrl Repl (616)	TBD	Gravity Belt Thickener Rebuilding	0	0	0	0	0	0	0	500				500
		TOTAL SEWER SYSTEM PROJECTS	6,718	33,933	7,466	7,795	3,260	4,160	3,260	3,760	10,060	2,935	1,760	85,107

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
WATER SYSTEM PROJECTS														
Water Sys Cap Imp (622)	7021	Groundwater Management Plan Modeling & Implementation	50	250										300
Water Sys Cap Imp (622)	7024	Reservoir and Wellsite Landscape Improvements	70	80										150
Water Sys Cap Imp (622)	7122	Mission Aqueduct Seismic Improvements	300	325										625
Water Sys Cap Imp (622)	7137	Electrical and Mechanical Impr to High School Reservoir	150	320										470
Water Sys Cap Imp (622)	7176	Utility Center Renovation/Training Center Addition (2nd Floor)	300	2,500										2,800
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	10	15	15	15	15	15	15	15	15	15	15	160
Water Sys Cap Imp (622)	7120	Water System Master Plan Update	0	400										400
Water Sys Cap Imp (622)	7136	System Seismic Upgrades	0	300	100									400
Water Sys Cap Imp (622)	7140	Parallel Supply to the 330 Zone	120	150	2,000									2,270
Water Sys Cap Imp (622)	7160	Seismic Retrofit Maitland Reservoir & Appurtenances	0	130	560									690
Water Sys Cap Imp (622)	7173	Seismic Retrofit Highland 250 Reservoirs	29	97	900									1,026
Water Sys Cap Imp (622)	7138	Install Water Line Looping Near BART Tracks & Whipple Rd.	0	0	640									640
Water Sys Cap Imp (622)	7172	New 3 MG Reservoir at High School Reservoir Site	103	0	0	0	0	0	0	0	0	0	6,900	7,003
Water Sys Cap Imp (622)	TBD	Cross Connection Improvement Project	0	100										100
Water Sys Cap Imp (622)	TBD	Chlorine Booster Station for Nitrification Prevention	0	200										200
Water Sys Cap Imp (622)	TBD	Design of Facility Imp for Water Distr Field & Cust Svcs	0	200										200
Water Sys Cap Imp (622)	TBD	Garin Reservoir Water Quality Upgrades	0	300										300
Water Sys Cap Imp (622)	TBD	Solar Power at Various Water Facilities	0	3,000										3,000
Water Sys Cap Imp (622)	TBD	Dead-End Water Main Improvements	0	200	200									400
Water Sys Cap Imp (622)	TBD	Mission Aqueduct Condition Assessment & Cathodic Protection	0	350	550									900
Water Sys Cap Imp (622)	TBD	250' Zone Reservoir Water Quality Pump Upgrades	0	100	100	250								450
Water Sys Cap Imp (622)	TBD	Water System Master Plan Improvement Projects	0	0	500	500	500	500	500					2,500
Water Sys Cap Imp (622)	TBD	Groundwater Mgmnt Plan Modeling & Implementation	0	0	0	3,000								3,000
Water Sys Cap Imp (622)	TBD	New 2 MG Reservoir at Hesperian Site	0	0	0	0	0	0	0	6,000				6,000
Water Sys Repl (623)	7026	Water System Leak Detection Survey and Repair	100	100										200
Water Sys Repl (623)	7041	Cathodic Protection Master Plan	184	110										294
Water Sys Repl (623)	7003	Miscellaneous Hydrant Replacement Program	50	50	50	50	25	25	25	25	25	25	25	375
Water Sys Repl (623)	7006	Annual System Replacement Program	100	100	100	150	150	150	150	150	150	150	150	1,500
Water Sys Repl (623)	7013	High Efficiency Fixture Replacement Program	700	100	100	100	100	100	100	100	100	100	100	1,700
Water Sys Repl (623)	7030	Project Predesign Services	25	25	25	25	25	25	25	25	25	25	25	275
Water Sys Repl (623)	7163	Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand	377	2,623										3,000
Water Sys Repl (623)	7025	Conversion to Advanced Metering Infrastructure	0	2,000	2,000	2,000								6,000
Water Sys Repl (623)	7046	Replace 16" Water Line near Mission & Willis	0	0	0	0	0	250	1,780					2,030
Water Sys Repl (623)	TBD	Utilities Storage Building Fabric Replacement	0	60										60
Water Sys Repl (623)	TBD	Annual Line Replacements FY13	0	300										300
Water Sys Repl (623)	TBD	Distribution System Pressure Reducing Strategy	0	100	400									500
Water Sys Repl (623)	TBD	Cast Iron Water Pipeline Replacement	0	1,000	1,000	1,000	1,000	1,000						5,000
Water Sys Repl (623)	TBD	Water System Master Plan Replacement Projects	0	0	500	500	500	500	500					2,500
Water Sys Repl (623)	TBD	Annual Line Replacements FY14-FY22	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	12,000
		TOTAL WATER SYSTEM PROJECTS	2,683	15,600	10,755	8,605	3,330	4,080	4,610	7,830	1,830	1,830	8,730	69,883

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 EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
AIRPORT PROJECTS														
Airport Cap Imp (632)	6815	New Administration Building	300	2,300										2,600
Airport Cap Imp (632)	6816	Sulphur Creek 10-Year Monitoring	16	21	16	22	5	23	6	23	24			156
Airport Cap Imp (632)	6805	Project Predesign Services	25	25	25	25	25	25	25	25	25	25	25	275
Airport Cap Imp (632)	6806	Consultant Predesign Services	10	10	10	10	10	10	10	10	10	10	10	110
Airport Cap Imp (632)	6891	Miscellaneous Pavement/Building/Grounds Repairs	125	50	50	50	50	50	50	50	50	50	50	625
Airport Cap Imp (632)	6898	Noise Monitoring Equipment Upgrade	338	64	40	40	40	40	40	40	40	40	40	762
Airport Cap Imp (632)	TBD	Airport Pavement Repair & Striping	0	549										549
Airport Cap Imp (632)	TBD	Airport Pavement Rehabilitation FY13-FY16	0	350	350	350	350							1,400
Airport Cap Imp (632)	TBD	Airport Pavement Management Program Update	0	35	0	35	0	35	0	35	0	35	0	175
Airport Cap Imp (632)	TBD	Realignment of Taxiway Zulu	0	0	167	2,444								2,611
Airport Cap Imp (632)	TBD	Hangar Refurbishment	0	0	92	92	92	92	92					460
Airport Cap Imp (632)	TBD	EMAS Runway Safety Area Improvements	0	0	0	0	167	8,333						8,500
Airport Cap Imp (632)	TBD	Replacement Crash Rescue Vehicle	0	0	0	0	0	150						150
Airport Cap Imp (632)	TBD	Golf Course Modifications/Road Relocation	0	0	0	0	0	0	3,009					3,009
Airport Cap Imp (632)	TBD	East T-Hangar Foam Re-roofing	0	0	0	0	0	0	0	1,000				1,000
Airport Cap Imp (632)	TBD	Rehab of TWY Alpha and 10L/28R & Rehab TWY Delta	0	0	0	0	0	0	0	0	539			539
Airport Cap Imp (632)	TBD	Pavement Recon - West T-Hangar Tie-Down Ramp	0	0	0	0	0	0	0	0	1,200			1,200
		TOTAL AIRPORT PROJECTS	814	3,404	750	3,068	739	8,758	3,232	1,183	1,888	160	125	24,121

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GLOSSARY OF TERMS AND DESCRIPTION OF CAPITAL IMPROVEMENT PROGRAM FUNDS

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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.*

LATIP (Local Alternative Transportation Improvement Program): *A State funding program established by legislation based on sale of Route 238 Bypass right-of-way.*

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.*

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CAPITAL IMPROVEMENT PROGRAM FUNDS

FUND	*REVENUE SOURCE*	*RESTRICTED/ NON-RESTRICTED*	*ALLOWABLE USES*
210-Gas Tax	*Gas Tax (general) - funds paid to the City by the State*	*Restricted*	*Any street related project, construction, or maintenance*
	Gas Tax (Prop. 111) - approved by voters 6/5/90	*Restricted*	*Any street related project similar to general Gas Tax monies*
	Gas Tax Swap – replaces Proposition 42 funds	*Restricted*	*Any street related project similar to general Gas Tax monies*
211-Measure B Tax (Local Transportation)	*Measure B Local Transportation Funds*	*Restricted*	*Local street maintenance and transportation improvements*
212-Measure B Tax (Pedestrian and Bicycle)	*Measure B Non-Motorized Funds*	*Restricted*	*Pedestrian and bicycle improvements*
410-Capital Improvement	*Construction Tax and Transfers from General Fund when available*	*Non-Restricted*	*Any capital expenditure*
413-Street System Improvements	*Transfers from General Fund in prior years, TCRP (Proposition 42) Funds, Proposition 1B, and transfers from Measure B Fund and Rt. 238 Trust Fund*	*Non-Restricted and Restricted Depending on Source of Revenue*	*Major street system improvements.*
415-Police Capital Project	*Transfers from the General Fund*	*Restricted*	*May only be used for the purchase of Police-related equipment*

FUND	*REVENUE SOURCE*	*RESTRICTED/ NON-RESTRICTED*	*ALLOWABLE USES*
416-Fire Capital Project	*Transfers from the General Fund*	*Restricted*	*May only be used for the purchase of Fire-related equipment*
417-Maintenance Services Capital Project	*Transfers from the General Fund*	*Restricted*	*May only be used for the purchase of Maintenance Services-related equipment*
418-Library & Community Services Capital Fund	*Transfers from the General Fund*	*Restricted*	*May only be used for the purchase of Library or Community Services-related equipment*
420-Transportation System Improvement	*Transfers from the General Fund*	*Non-Restricted*	*Established for transportation improvement projects. However, monies can be used for any capital expenditure*
430-Route 238 Trust Fund	*State Right-of-Way Rental (12% share of rental fees collected for housing units purchased for Route 238 right-of-way)*	*Restricted*	*May be used to fund transportation improvements similar to Gas Tax*
613-Sewer Capital Improvement	*Sewer connection fees from new development*	*Restricted*	*May be used only for projects related to the sewer system*
614-Sewer Replacement	*Transfers from Sewer Revenue Fund (Fund 611)*	*Restricted*	*May be used only for projects related to the sewer system*
616-WPCF Replacement	*Transfers from Sewer Revenue Fund*	*Restricted*	*May be used only for projects related to the Water Pollution Control Facility*

FUND	REVENUE SOURCE	RESTRICTED/ NON-RESTRICTED	ALLOWABLE USES
622-Water Capital	Water Facilities Fees from new development	Restricted	May be used only for projects related to the water system
623-Water Replacement	Transfers from Water Maintenance & Operation Fund (Fund 621)	Restricted	May be used only for projects related to the water system
627-Regional Water Intertie – Capital	Contributions from the SFPUC and EBMUD	Restricted	May be used only for work related to the Regional Water Intertie Project
632-Airport	Transfers from Airport Operating Fund (Fund 631)	Restricted	May be used only for airport projects
721-Facilities Internal Service	Initial start-up funding from Capital Improvement Fund (Fund 410); funding in subsequent years derived from internal service charges	Restricted	May be used only for facilities-related projects
726-Technology Services Internal Service	Initial start-up funding from Capital Improvement Fund (Fund 410); funding in subsequent years derived from internal service charges	Restricted	May be used only for technology-related projects
731-Fleet Management General Fund Capital	Fleet Management Operating Fund (Fund 730) and General Fund	Restricted	May be used only for the purchase of vehicles
732-Fleet Management Enterprise Capital	Operating funds for Airport, Stormwater, Sewer and Water (Funds 631, 602, 612, and 621)	Restricted	May be used only for the purchase of Enterprise Fund vehicles

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FY 2013 - FY 2022 CAPITAL IMPROVEMENT PROGRAM

LIVABLE NEIGHBORHOODS EXPENDITURE SUMMARY

PROJECT DESCRIPTION	TOTAL	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
Pedestrian and Bicycle Improvements	150	15	15	15	15	15	15	15	15	15	15
Wheelchair Ramps	1,193	125	108	120	120	120	120	120	120	120	120
Sidewalk Rehabilitation & New Sidewalks	11,300	1,400	1,150	1,050	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Speed Hump Installation & Traffic Calming	1,240	160	120	120	120	120	120	120	120	120	120
Street Trees/Median Landscaping/Murals	5,490	1,355	655	655	255	975	1,175	105	105	105	105
Traffic Signal & Streetlight Energy/Maintenance	13,165	4,750	839	863	887	912	938	965	985	1,003	1,023
New and Replacement Street Lights	300	30	30	30	30	30	30	30	30	30	30
TOTAL CAPITAL EXPENDITURES	32,838	7,835	2,917	2,853	2,527	3,272	3,498	2,455	2,475	2,493	2,513

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

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FY13 LIVABLE NEIGHBORHOODS

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

FUND:	PROJECT NUMBER	DESCRIPTION	PRIOR EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
PEDESTRIAN AND BICYCLE IMPROVEMENTS														
Measure B Tax (212)	5175	Pedestrian Traffic Signal Improvements	173	15	15	15	15	15	15	15	15	15	15	323
		SUBTOTAL		**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**150**
WHEELCHAIR RAMPS														
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY13 - Districts 4 & 5	0	113										113
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY14 - Districts 7 & 10	0	12	108									120
Gas Tax Fund (210)	TBD	Wheelchair Ramps FY15 - FY22	0	0	0	120	120	120	120	120	120	120	120	960
		SUBTOTAL		**125**	**108**	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**1,193**
SIDEWALK REHABILITATION & NEW SIDEWALK														
Measure B Tax (212)	5130	Industrial Blvd. Pedestrian/Bicycle Bridge Reloc	270	50										320
Measure B Tax (212)	5176	New Sidewalks: Franklin, Harder, Phillips	100	400										500
Measure B Tax (212)	TBD	New Sidewalks FY14: Huntwood, D St., Industrial	0	50	350									400
Measure B Tax (212)	TBD	New Sidewalks FY15-FY22	0	0	50	350	400	400	400	400	400	400	400	3,200
Street System Imp (413)	TBD	Sidewalk Rehab Project FY13 - Districts 4 & 5	0	900										900
Street System Imp (413)	TBD	Sidewalk Rehab Project FY14 - Districts 7 & 10	0	0	700									700
Street System Imp (413)	TBD	Sidewalk Rehabilitation FY15 - FY22	0	0	50	700	700	700	700	700	700	700	700	5,650
		SUBTOTAL		**1,400**	**1,150**	**1,050**	**1,100**	**1,100**	**1,100**	**1,100**	**1,100**	**1,100**	**1,100**	**11,300**
SPEED HUMP INSTALLATION & TRAFFIC CALMING														
Measure B Tax (211)	5166	Speed Monitoring Devices	170	40										210
Capital Imp (410)	6950	Neighborhood Partnership Program Project	266	50	50	50	50	50	50	50	50	50	50	766
Transp Sys Imp (420)	5734	Speed Hump Installation Program	80	70	70	70	70	70	70	70	70	70	70	780
		SUBTOTAL		**160**	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**1,240**

FY13 LIVABLE NEIGHBORHOODS

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

FUND:	PROJECT NUMBER	DESCRIPTION	PRIOR EXPEND.	FY13 EXPEND.	FY14 EXPEND.	FY15 EXPEND.	FY16 EXPEND.	FY17 EXPEND.	FY18 EXPEND.	FY19 EXPEND.	FY20 EXPEND.	FY21 EXPEND.	FY22 EXPEND.	TOTAL
			(In thousands)											
STREET TREES/MEDIAN LANDSCAPING/MURALS														
Capital Imp (410)	5102	Landscape Material/Street Tree Replacements	55	55	55	55	55	55	55	55	55	55	55	605
Capital Imp (410)	6938	Annual Median Tree & Shrub Replacement	50	50	50	50	50	50	50	50	50	50	50	550
Capital Imp (410)	6978	Foothill Gateway Landscape Plan	0	50										50
Capital Imp (410)	TBD	Mural Art Program	0	100	50	50	50							250
Street System Imp (413)	5184	Median Landscaping Improvement Project FY12 - Industrial Parkway - Hwy 880 to Mission	100	900										1,000
Street System Imp (413)	TBD	Median Landscaping Improvement Project FY13 - Winton-Hesperian to Santa Clara	0	200										200
Street System Imp (413)	TBD	Median Landscaping Improvement Project FY14 - Industrial Parkway - Hesperian to Hwy 880	0	0	500									500
Street System Imp (413)	TBD	Median Landscaping Improvement Project FY15 - Hesperian - Winton to Chabot Ct.	0	0	0	500								500
Street System Imp (413)	TBD	Median Landscaping Improvement Project FY16-17 - Hesperian - West A St. to Winton	0	0	0	0	100	770						870
Street System Imp (413)	TBD	Median Landscaping Improvement Project FY18-20 - Industrial Blvd. - Hwy 92 to Arf Ave.	0	0	0	0	0	100	1,070					1,170
		SUBTOTAL		**1,355**	**655**	**655**	**255**	**975**	**1,175**	**105**	**105**	**105**	**105**	**5,490**
TRAFFIC SIGNAL AND STREETLIGHT ENERGY/MAINTENANCE														
Gas Tax Fund (210)	5186	Traffic Signal Energy	100	85	72	74	76	78	80	83	85	86	88	907
Gas Tax Fund (210)	5187	Traffic Signal Maintenance	243	243	248	253	258	263	268	274	279	284	289	2,902
Gas Tax Fund (210)	5188	Streetlight Energy	642	472	315	328	341	355	369	383	391	398	406	4,400
Gas Tax Fund (210)	5189	Streetlight Maintenance	200	200	204	208	212	216	221	225	230	235	240	2,391
Gas Tax Fund (210)	TBD	Citywide Conversion of Traffic Safety Lights to LED	0	250										250
Gas Tax Fund (210)	TBD	Citywide Conversion of Streetlights to LED	0	3,500										3,500
		SUBTOTAL		**4,750**	**839**	**863**	**887**	**912**	**938**	**965**	**985**	**1,003**	**1,023**	**13,165**
NEW AND REPLACEMENT STREETLIGHTS														
Gas Tax Fund (210)	5132	New and Replacement Street Lights	56	30	30	30	30	30	30	30	30	30	30	356
		SUBTOTAL		**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**270**
		TOTAL LIVABLE NEIGHBORHOODS PROJECTS		**7,835**	**2,917**	**2,853**	**2,527**	**3,272**	**3,498**	**2,455**	**2,475**	**2,493**	**2,513**	**32,808**

PROJECT EXPENDITURES REVENUES AND FUND BALANCES

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Gas Tax Fund - Fund 210

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5113	Wheelchair Ramps - FY10 - Districts 1 & 8	96	96											
	TDA	*96*		*96*										
5119	Wheelchair Ramps - FY11 - Districts 2 & 3	89	8	81										
	TDA	*89*		*89*										
5128	New Street Tree Inventory Software and Data Update	220	142	78										
	Urban Forestry Grant	*110*	*93*	*17*										
5168	Wheelchair Ramps - FY12 - Districts 6 & 9	106	0	106										
	TDA	*106*		*106*										
5170	Pavement Rehabilitation - Gas Tax FY13 - Districts 4 & 5	1,000	0	25	975									
5106	Project Predesign	330	N/A	30	30	30	30	30	30	30	30	30	30	30
5110	Pavement Management Program	455	N/A	55	15	65	15	65	15	65	15	65	15	65
5116	Congestion Management Program	1,089	N/A	73	77	82	87	92	97	103	109	116	123	130
5132	New and Replacement Streetlights	386	56	30	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
5186	Traffic Signal Energy	907	0	100	85	72	74	76	78	80	83	85	86	88
5187	Traffic Signal Maintenance	2,902	0	243	243	248	253	258	263	268	274	279	284	289
5188	Streetlight Energy	4,401	0	642	472	315	328	341	355	369	383	391	398	406
5189	Streetlight Maintenance	2,391	0	200	200	204	208	212	216	221	225	230	235	240
5133	StreetView System Upgrade	420	104	16	60	0	60	0	60	0	60	0	60	0
TBD	Wheelchair Ramps - FY13 - Districts 4 & 5	113	0	0	113									
	TDA	*113*			*113*									
TBD	Citywide Conversion of Traffic Safety Lights to LED	250	0	0	250									
	PG&E Loan	*250*			*250*									
TBD	Citywide Conversion of Streetlights to LED	3,500	0	0	3,500									
	California Energy Commission Loan	*3,000*			*3,000*									
	PG&E Rebate	*500*			*500*									
TBD	Wheelchair Ramps - FY14 - Districts 7 & 10	120	0	0	12	108								
	TDA	*120*				*120*								
TBD	Pavement Rehab - Gas Tax FY14	800	0	0	100	700								
TBD	Pavement Rehabilitation - Gas Tax FY15 - FY22	6,200	0	0	0	100	800	800	700	700	700	800	800	800
TBD	Wheelchair Ramps - FY15 - FY22	960	0	0	0	0	120	120	120	120	120	120	120	120
	TDA	*960*					*120*	*120*	*120*	*120*	*120*	*120*	*120*	*120*

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Gas Tax Fund - Fund 210

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			1,709	6,192	1,984	2,035	2,054	1,995	2,016	2,059	2,175	2,212	2,228
	Transfer to General Fund for Street & Signal Maintenance	15,639	4,671	1,691	1,140	1,148	847	855	864	872	881	890	890	890
	Transfer to Fund 413 (Gas Tax "Swap" portion)		1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486
	Debt Service (CEC loan for Citywide streetlight conversion) - loan payment through FY25 (interest rate of 3%/yr)	3,230		0	170	340	340	340	340	340	340	340	340	340
	Debt Service (PG&E loan for Citywide traffic safety light conversion)	250		0	15	30	30	30	30	30	30	30	25	
	TOTAL EXPENDITURES			4,886	9,003	4,988	4,738	4,765	4,715	4,744	4,796	4,921	4,953	4,944
	REVENUES:													
	Interest		(28)	13	2	2	2	1	0	1	2	3	2	2
	Urban Forestry Grant		93	17										
	Reimbursements		120	195	113	120	120	120	120	120	120	120	120	120
	Apportionment Sec. 2105		785	708	690	697	704	711	718	725	732	740	747	755
	Apportionment Sec. 2106		509	470	458	463	467	472	477	481	486	491	496	501
	Apportionment Sec. 2107 & 2107.5		1,059	1,036	1,029	1,039	1,050	1,060	1,071	1,081	1,092	1,103	1,114	1,125
	Gas Tax "Swap" Sec. 2103		1,450	2,040	1,665	1,638	1,654	1,671	1,688	1,705	1,722	1,739	1,756	1,774
	VRF - Local Streets and Roads			692	638	644	651	657	664	671	677	684	691	698
	California Energy Commission Loan				3,000									
	PG&E Rebate				500									
	PG&E Loan				250									
	REVENUE SUBTOTAL:			5,171	8,345	4,603	4,648	4,692	4,737	4,784	4,832	4,880	4,926	4,974
	TRANSFERS IN FROM:													
	Fund 430 (for Streetlight and Signal Maintenance)			200	200	100	100							
	TRANSFERS SUBTOTAL:			200	200	100	100	0	0	0	0	0	0	0
	REVENUE TOTALS:			5,371	8,545	4,703	4,748	4,692	4,737	4,784	4,832	4,880	4,926	4,974
	BEGINNING FUND BALANCE:			332	817	359	74	84	11	34	74	110	68	42
	ENDING FUND BALANCE:			817	359	74	84	11	34	74	110	68	42	72

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

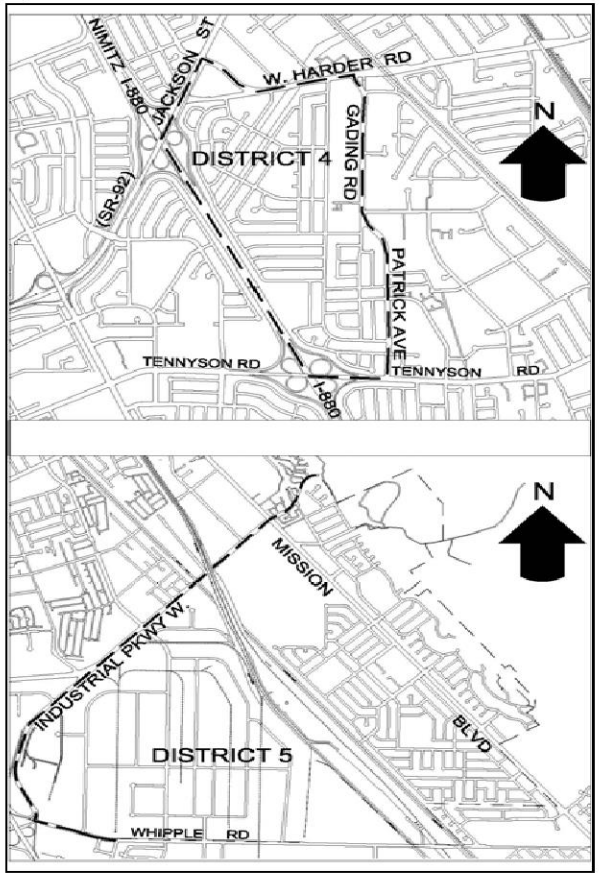
CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY13 - Districts 4 & 5
Project No.: 5170
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	25	975										1,000
Reimbursements													
Net Cost to Fund	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 4 and 5.

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 FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $30,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	55	15	65	15	65	15	65	15	65	15	65	455
Reimbursements													
Net Cost to Fund	N/A	55	15	65	15	65	15	65	15	65	15	65	455

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 $15,000 in FY21 & $65,000 in FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	73	77	82	87	92	97	103	109	116	123	130	1,089
Reimbursements													
Net Cost to Fund	N/A	73	77	82	87	92	97	103	109	116	123	130	1,089

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $123,000 in FY21 & $130,000 in FY22 to continue the City's contribution to this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	56	30	30	30	30	30	30	30	30	30	30	30	386
Reimbursements													
Net Cost to Fund	56	30	30	30	30	30	30	30	30	30	30	30	386

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $30,000 each in in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $30,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Traffic Signal Energy
Project No.: 5186
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	100	85	72	74	76	78	80	83	85	86	88	907
Reimbursements													
Net Cost to Fund	0	100	85	72	74	76	78	80	83	85	86	88	907

DESCRIPTION:

Annual project to pay for energy costs associated with over 100 City-owned traffic signals.

JUSTIFICATION:

For many years, traffic signal energy costs were supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a net cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of $174,000 in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Traffic Signal Maintenance
Project No.: 5187
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	243	243	248	253	258	263	268	274	279	284	289	2,902
Reimbursements													
Net Cost to Fund	0	243	243	248	253	258	263	268	274	279	284	289	2,902

DESCRIPTION:

Annual project to pay for any maintenance and repairs associated with over 100 City-owned traffic signals.

JUSTIFICATION:

For many years, traffic signal maintenance was supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a net cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of $573,000 in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Streetlight Energy
Project No.: 5188
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	642	472	315	328	341	355	369	383	391	398	406	4,400
Reimbursements													
Net Cost to Fund	0	642	472	315	328	341	355	369	383	391	398	406	4,400

DESCRIPTION:

Annual project to pay for energy costs associated with over 8,000 City-owned streetlights.

JUSTIFICATION:

For many years, streetlight energy costs were supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of $804,000 in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Streetlight Maintenance
Project No.: 5189
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	200	200	204	208	212	216	221	225	230	235	240	2,391
Reimbursements													
Net Cost to Fund	0	200	200	204	208	212	216	221	225	230	235	240	2,391

DESCRIPTION:

Annual project to pay for any maintenance and repairs associated with over 8,000 City-owned streetlights.

JUSTIFICATION:

For many years, streetlight maintenance costs were supported in the General Fund. By moving the cost to the CIP, the General Fund will be relieved of this responsibility, therefore realizing a cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of $474,000 in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

By moving the costs for this item to the CIP, the General Fund will realize an annual savings.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	104	16	60	0	60	0	60	0	60	0	60		420
Reimbursements													
Net Cost to Fund	104	16	60	0	60	0	60	0	60	0	60		420

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $60,000 in FY21 to continue program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

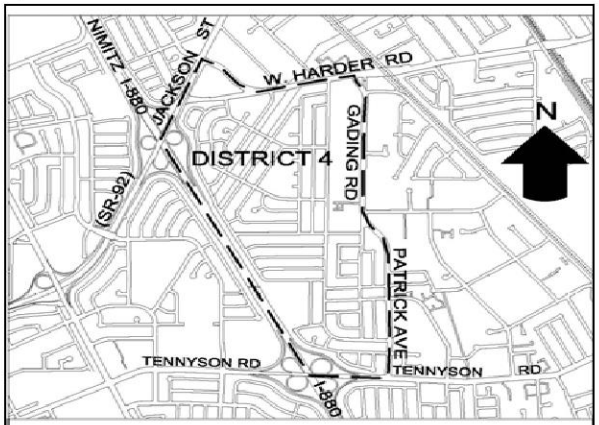
CATEGORY: Livable Neighborhoods

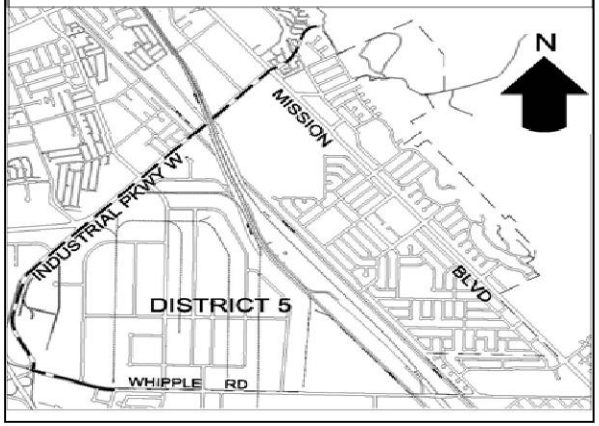
Project Title: Wheelchair Ramps FY13 - Districts 4 & 5
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	113										113
Reimbursements			(113)										(113)
Net Cost to Fund	0	0	0										0





DESCRIPTION:

This project will install wheelchair ramps in Districts 4 and 5.

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 113

PROJECT MODIFICATIONS:

Decreased funding by $7,000 to match amount of expected TDA reimbursement.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Citywide Conversion of Traffic Safety Lights to LED
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	250										250
Reimbursements			(250)										(250)
Net Cost to Fund	0	0	0										0

DESCRIPTION:

This project will replace all of the City's traffic signal safety lights with light-emitting diode (LED) lights.

JUSTIFICATION:

This conversion will save energy as well as reduce maintenance costs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PG&E Loan 250

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Citywide Conversion of Streetlights to LED
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	3,500										3,500
Reimbursements			(3,500)										(3,500)
Net Cost to Fund	0	0	0										0

DESCRIPTION:

This project will replace all of the City's streetlights with light-emitting diode (LED) lights.

JUSTIFICATION:

This conversion will save energy as well as reduce maintenance costs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

California Energy Commission Loan	3,000
PG&E Rebate	500

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

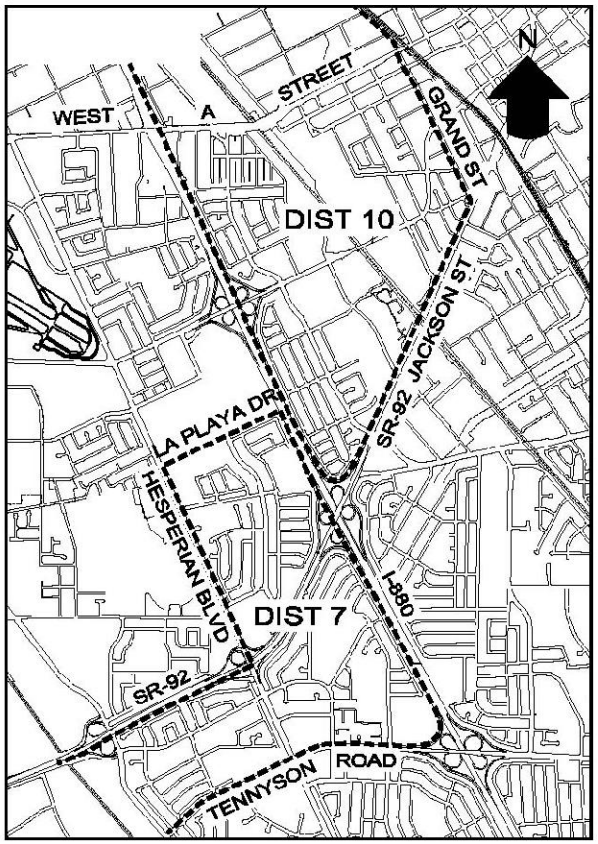
CATEGORY: Livable Neighborhoods

Project Title: Wheelchair Ramps FY14 - Districts 7 & 10
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	12	108									120
Reimbursements				(120)									(120)
Net Cost to Fund	0	0	12	(12)									0



DESCRIPTION:

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

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 120

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY14
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100	700									800
Reimbursements													
Net Cost to Fund	0	0	100	700									800

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 6, 10, 15, 19 and 20.

JUSTIFICATION:

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

REFER TO MAP ON NEXT PAGE

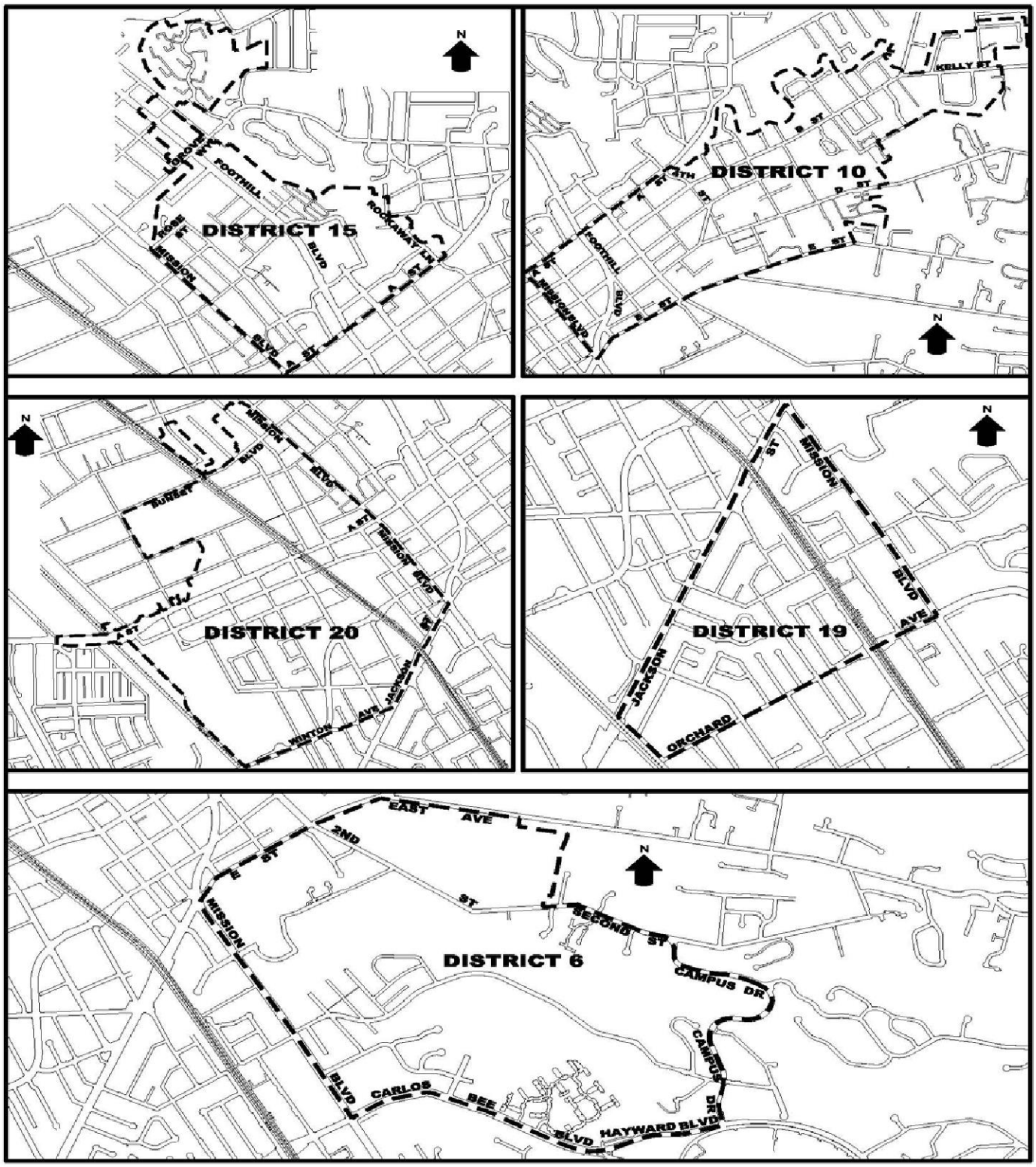
REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $100,000 to project due to more current cost estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



210 - TBD
PAVEMENT REHABILITATION - FY14

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY15-FY22
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	100	800	800	700	700	700	800	800	800	6,200
Reimbursements													
Net Cost to Fund	0	0	0	100	800	800	700	700	700	800	800	800	6,200

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $800,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Wheelchair Ramps FY15 - FY22
Project No.: To Be Determined
Fund 210 - Gas Tax Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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 in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

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Measure B Tax (Local Transportation) - Fund 211

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5111	Pavement Reconstruction FY11 - Lilac, Havana, Grove, Portsmouth, Rockford, and Sorenson	797	736	61										
5127	Pavement Reconstruction FY12 - Darwin, Hohener, Chisholm, Sparling, Kirkwood, and Ward	715	71	644										
5129	Pavement Rehabilitation, Measure B - FY12 - Henderson, Broadmore, Orchard, Calaroga, Canyon View, Lucia Street, and Lucia Court	972	76	896										
5166	Speed Monitoring Devices	210	114	56	40									
5172	Pavement Reconstruction FY13 - Contessa, Sequoia, Capetown, Tilden, Martha, Edgemere, Gading, and Lindenwood	800	0	50	750									
5174	Pavement Rehabilitation, Measure B - FY13 - Gettysburg, Canyon View Ct., High Country Dr., Deer Park Ct., Deer Park Way, Claiborne Ct., Chandler Rd., and Denton Ave.	1,300	0	100	1,200									
TBD	Pavement Reconstruction FY14 - Alonda Court, Cottonwood Avenue, O'Neil Avenue, and Mitchell Place	900	0	0	50	850								
TBD	Pavement Rehabilitation, Measure B - FY14 - Danforth Lane, Grasmere Place, Harvest Court, Linfield Lane, Peterman Avenue, Seabreeze Court, Thornwall Lane, and Victory Drive	1,300	0	0	100	1,200								
TBD	Pavement Reconstruction - FY15 - FY22	6,400	0	0	0	50	750	800	800	800	800	800	800	800
TBD	Pavement Rehabilitation, Measure B - FY15 - FY22	10,000	0	0	0	100	1,200	1,200	1,200	1,200	1,200	1,300	1,300	1,300
	TOTAL PROJECT COSTS			1,807	2,140	2,200	1,950	2,000	2,000	2,000	2,000	2,100	2,100	2,100
	TOTAL EXPENDITURES			1,807	2,140	2,200	1,950	2,000	2,000	2,000	2,000	2,100	2,100	2,100
	REVENUES:													
	Interest			20	6	3	3	2	1	1	2	4	5	8
	Reauthorized Measure B			1,808	1,835	1,872	1,909	1,947	1,986	2,026	2,067	2,108	2,150	2,193
	REVENUE SUBTOTAL:			1,828	1,841	1,875	1,912	1,949	1,987	2,027	2,069	2,112	2,155	2,201
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			1,828	1,841	1,875	1,912	1,949	1,987	2,027	2,069	2,112	2,155	2,201
	BEGINNING FUND BALANCE:			752	773	474	149	111	61	48	75	144	156	211
	ENDING FUND BALANCE:			773	474	149	111	61	48	75	144	156	211	312

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	114	56	40										210
Reimbursements													
Net Cost to Fund	114	56	40										210

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 $40,000 to project in FY13 in order to install additional devices.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY13 - Contessa, Sequoia, Capetown, Tilden, Martha, Edgemere, Gading, & Lindenwood
Project No.: 5172
Fund 211 - Measure B Fund (Local Transportation)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	50	750										800
Reimbursements													
Net Cost to Fund	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 Contessa, Sequoia, Capetown, Tilden, Martha, Edgemere, Gading, and Lindenwood.

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

Conte

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.

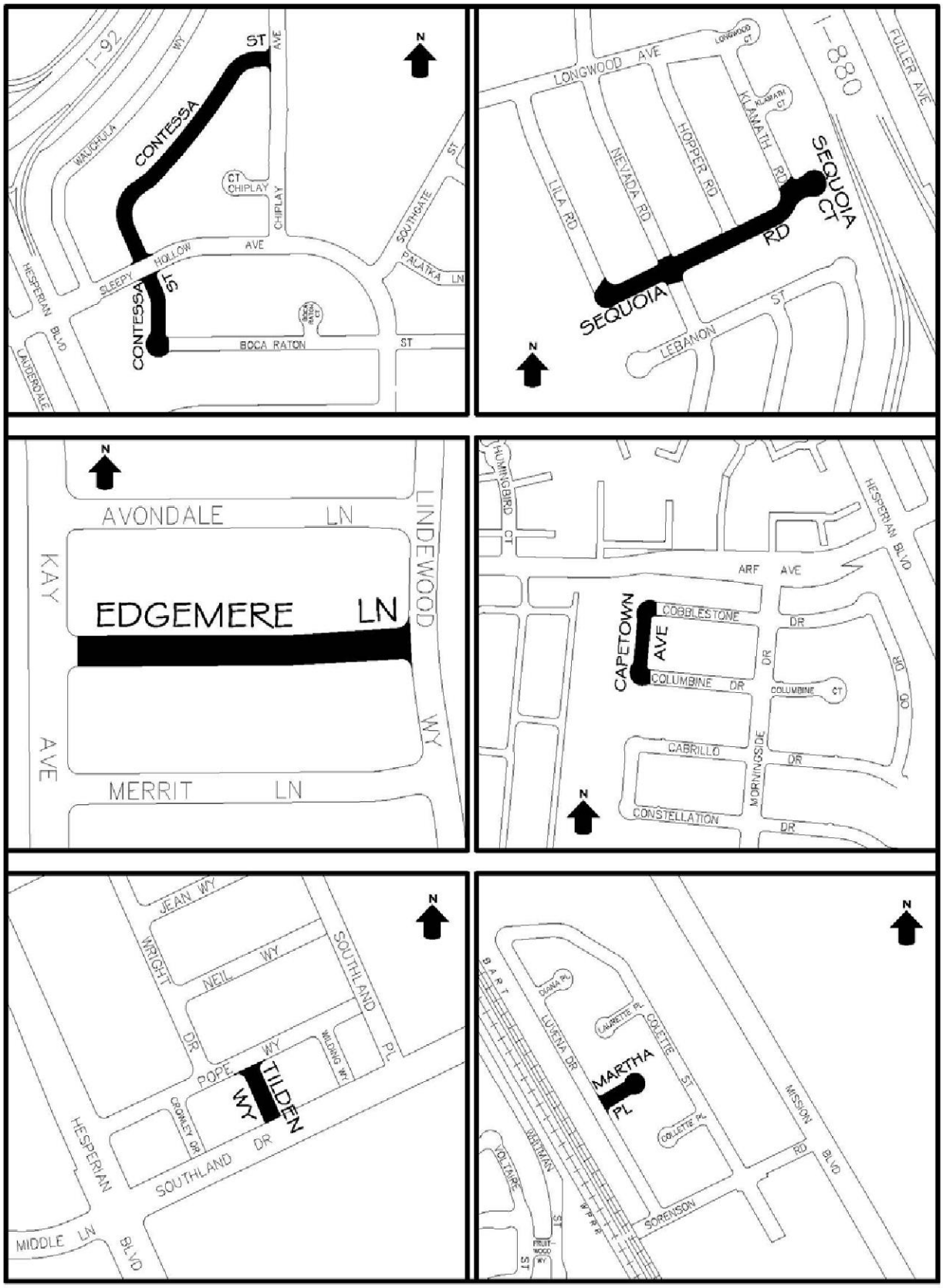
REFER TO MAPS ON NEXT 2 PAGES

REIMBURSEMENTS:

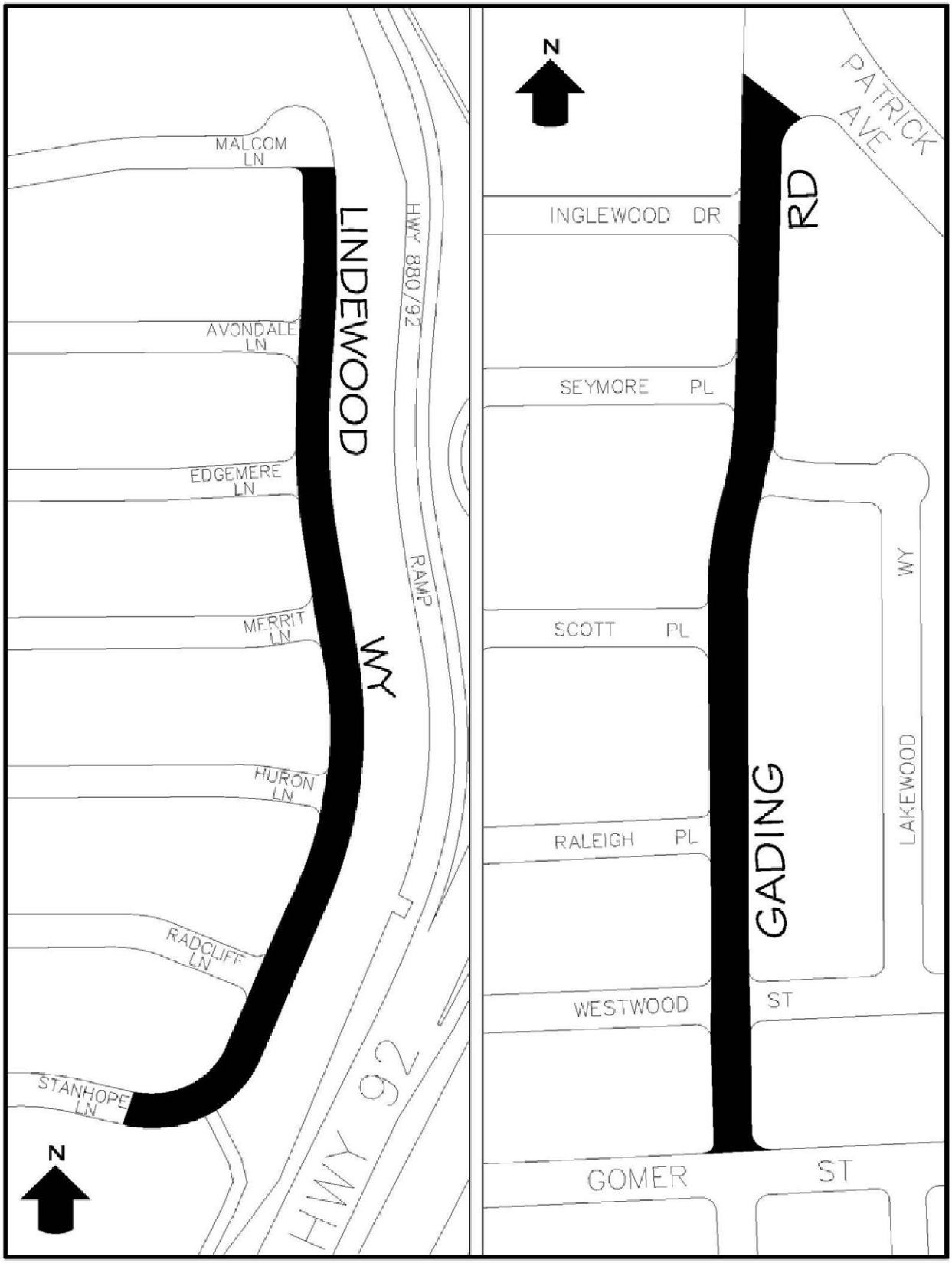
PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



211 - TBD
PAVEMENT RECONSTRUCTION, MEASURE B - FY13



211 - TBD
PAVEMENT RECONSTRUCTION, MEASURE B - FY13

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Rehab, Measure B - FY13 - Gettysburg, Canyon View Ct., High Country Dr., Deer Park Ct., Deer Park Way, Claiborne Ct., Chandler Rd., and Denton Ave.
Project No.: 5174
Fund 211 - Measure B Fund (Local Transportation)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	100	1,200										1,300
Reimbursements													
Net Cost to Fund	0	100	1,200										1,300

STREET

1 Gettysburg
2 Canyon View Ct.
3 High Country Dr.
4 Deer Park Ct.
5 Deer Park Way
6 Claiborne Ct.
7 Chandler Rd.
8 Denton Ave.

REFER TO MAPS ON NEXT 2 PAGES

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 and the maps are located on the proceeding pages.

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.

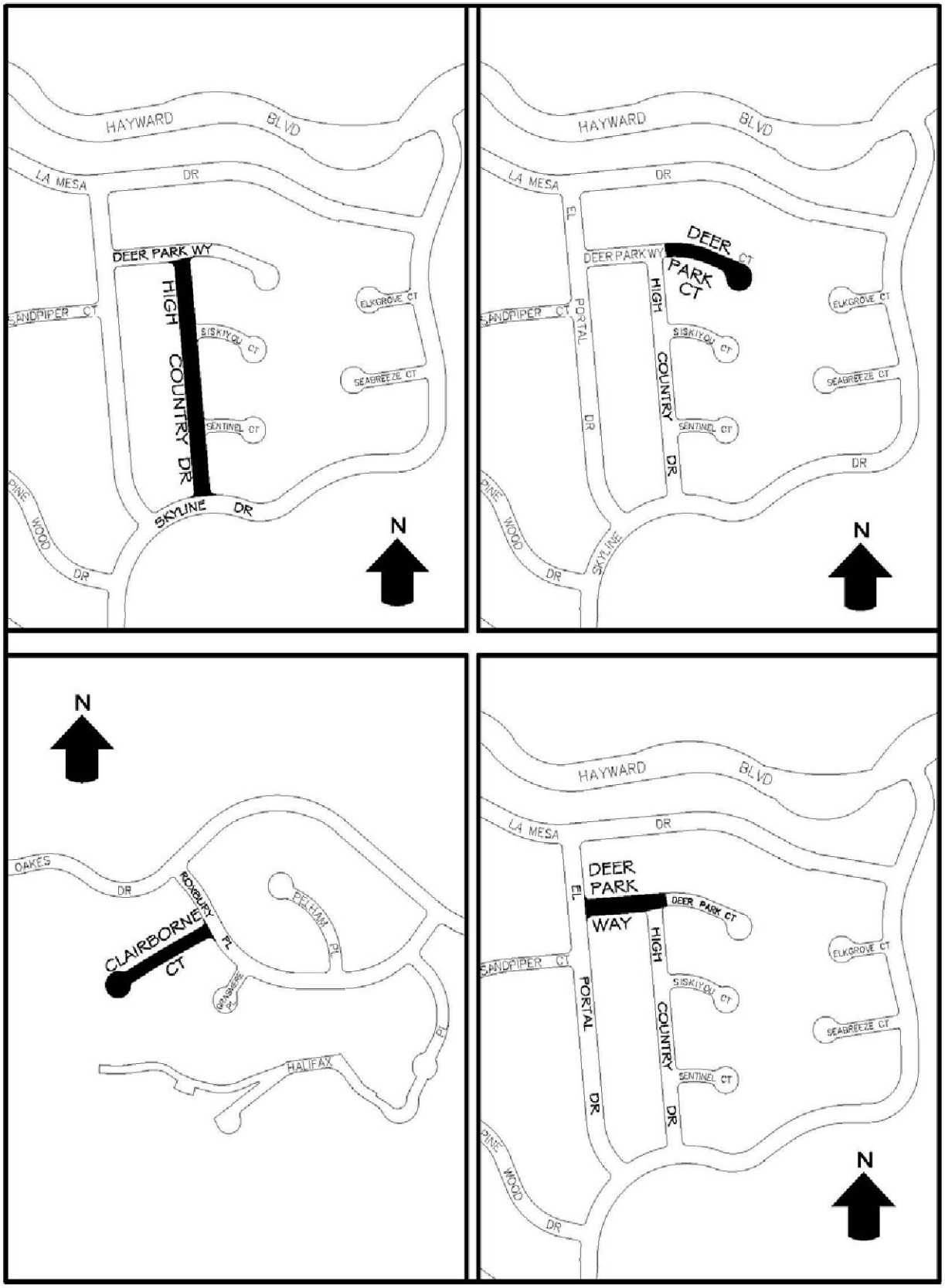
REIMBURSEMENTS:

PROJECT MODIFICATIONS:
Increased cost of project by $300,000.

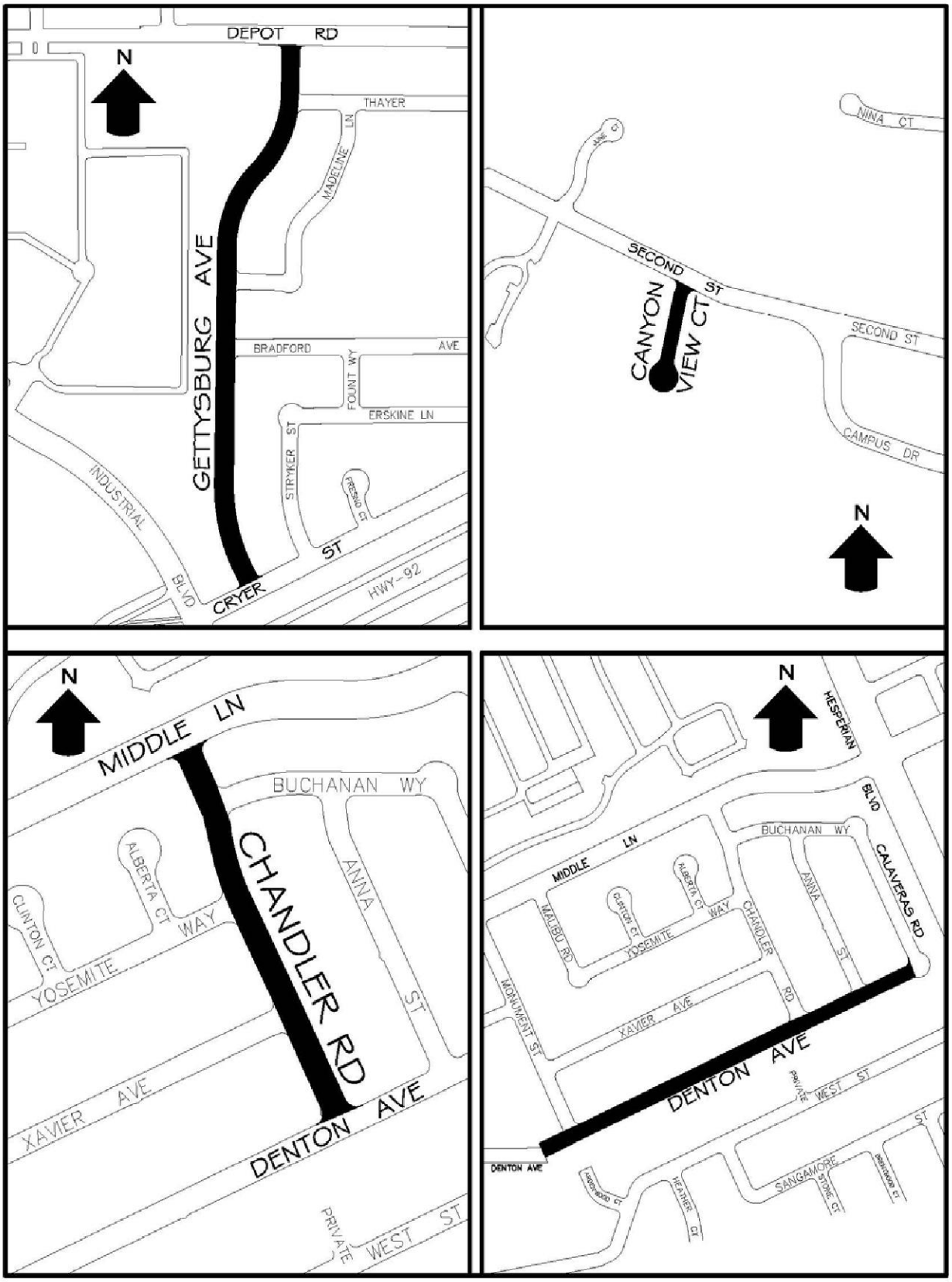
OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY



211 - TBD
PAVEMENT REHABILITATION, MEASURE B - FY13



211 - TBD
PAVEMENT REHABILITATION, MEASURE B - FY13

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY14 - Alonda Court, Cottonwood Ave., O'Neil Ave., and Mitchell Place
Project No.: To Be Determined
Fund 211 - Measure B Fund (Local Transportation)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	50	850									900
Reimbursements													
Net Cost to Fund	0	0	50	850									900

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 Alonda Court, Cottonwood Ave., O'Neil Ave., and Mitchell Place.

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.

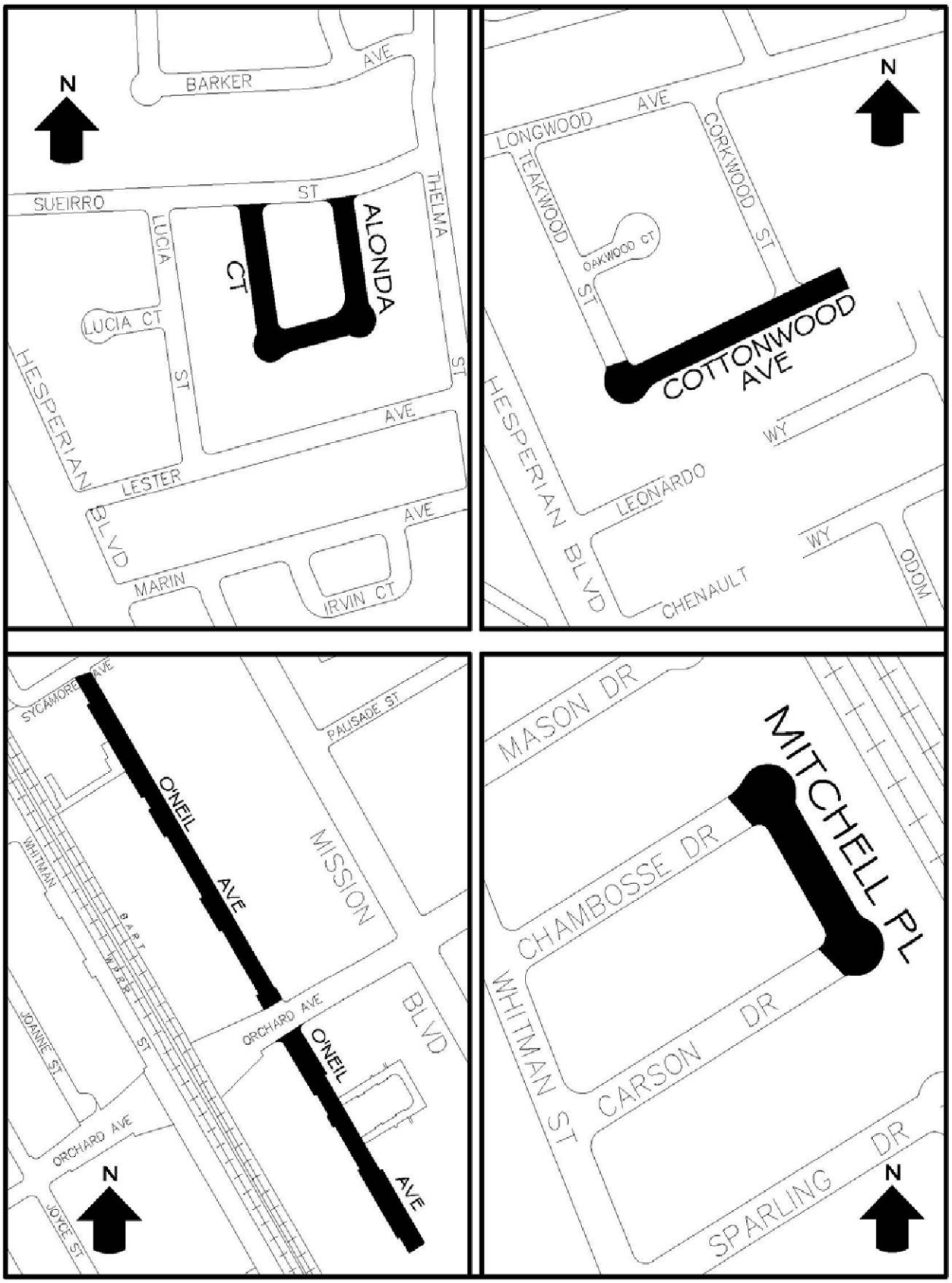
REFER TO MAP ON NEXT PAGE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



211 - TBD
PAVEMENT RECONSTRUCTION, MEASURE B - FY14

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Rehab, Measure B - FY14 - Danforth Lane, Grasmere Place, Harvest Court, Linfield Lane, Peterman Avenue, Seabreeze Court, Thornwall Lane, and Victory Drive

Project No.: To Be Determined

Fund 211 - Measure B Fund (Local Transportation)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100	1,200									1,300
Reimbursements													
Net Cost to Fund	0	0	100	1,200									1,300

STREET

1 Danforth Lane
2 Grasmere Place
3 Harvest Court
4 Linfield Lane
5 Peterman Avenue
6 Seabreeze Court
7 Thornwall Lane
8 Victory Drive

REFER TO MAP ON NEXT PAGE

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 and the maps are located on the proceeding pages.

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

JUSTIFICATION:

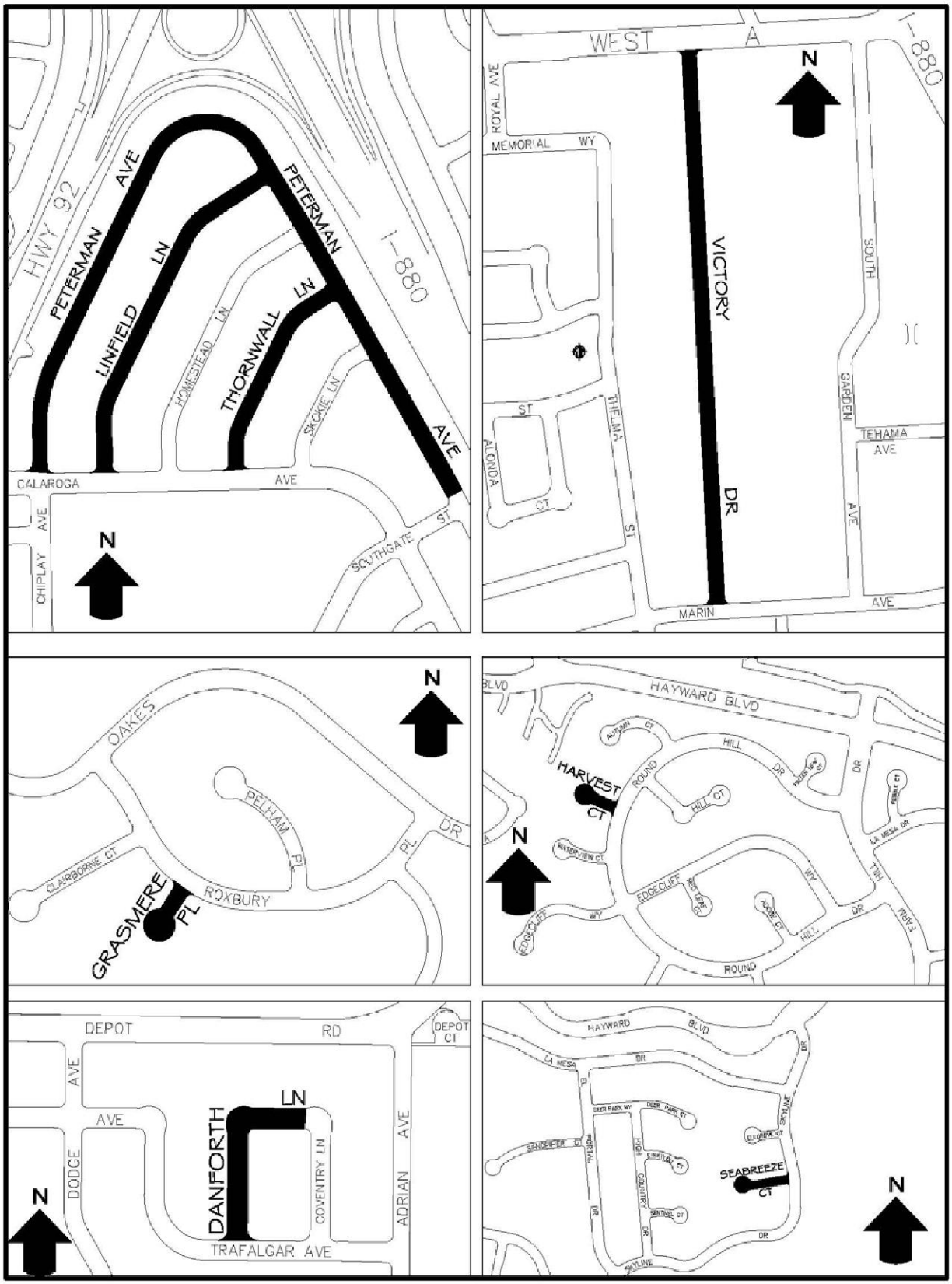
The selection of streets for rehabilitation is based on staff's analysis of the pavement condition indices identified through the City's computerized Pavement Management Program.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



211 - TBD
PAVEMENT REHABILITATION, MEASURE B - FY14

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY15-FY22
Project No.: To Be Determined
Fund 211 - Measure B Fund (Local Transportation)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	50	750	800	800	800	800	800	800	800	6,400
Reimbursements													
Net Cost to Fund	0	0	0	50	750	800	800	800	800	800	800	800	6,400

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 in FY21 & FY22 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation, Measure B - FY15-FY22
Project No.: To Be Determined
Fund 211 - Measure B Fund (Local Transportation)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	100	1,200	1,200	1,200	1,200	1,200	1,300	1,300	1,300	10,000
Reimbursements													
Net Cost to Fund	0	0	0	100	1,200	1,200	1,200	1,200	1,200	1,300	1,300	1,300	10,000

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:

Increased funding for projects by $200,000 per year from FY15-FY18; increased funding by $100,000 in FY20; added funding of $1,300,000 each in FY21 & FY22 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

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Measure B Tax (Pedestrian and Bicycle) - Fund 212

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5109	New Sidewalks: D St., Cypress St., Western Blvd. and Huntwood/Sandoval	510	425	85										
5163	New Sidewalks FY11: Bellina Street from 2nd St to 3rd St	280	59	221										
5130	Industrial Boulevard Pedestrian/Bicycle Bridge Relocation	320	11	259	50									
5176	New Sidewalks FY13: Franklin Ave., Harder Rd. and Phillips Way	500	0	100	400									
5175	Pedestrian Traffic Signal Improvements (countdown heads, audible ped signals, improved push buttons, etc.)	323	158	15	15	15	15	15	15	15	15	15	15	15
TBD	Whitman Street Bicycle Lane - Harder to Tennyson	40	0	40										
TBD	New Sidewalks FY14: Huntwood Ave., D St., Industrial Blvd.	400	0	0	50	350								
TBD	New Sidewalks FY15 - FY22	3,200	0	0	0	50	350	400	400	400	400	400	400	400
	TOTAL PROJECT COSTS			720	515	415	365	415	415	415	415	415	415	415
	TOTAL EXPENDITURES			720	515	415	365	415	415	415	415	415	415	415
	REVENUES:													
	Interest			11	1	0	1	1	0	0	0	1	2	3
	Reauthorized Measure B			370	376	383	391	399	407	415	423	431	440	449
	REVENUE SUBTOTAL:			381	377	383	392	400	407	415	423	432	442	452
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			381	377	383	392	400	407	415	423	432	442	452
	BEGINNING FUND BALANCE:			527	188	50	18	44	29	20	20	28	45	72
	ENDING FUND BALANCE:			188	50	18	44	29	20	20	28	45	72	109

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

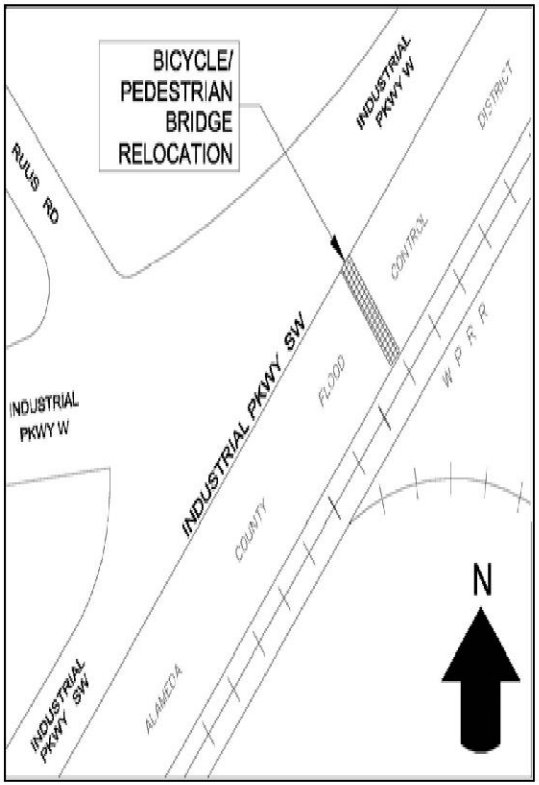
CATEGORY: Livable Neighborhoods

Project Title: Industrial Boulevard Pedestrian/Bicycle Bridge Relocation
Project No.: 5130
Fund 212 - Measure B Fund (Pedestrian and Bicycle)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	11	259	50										320
Reimbursements													
Net Cost to Fund	11	259	50										320



DESCRIPTION:

The existing pedestrian/bicycle bridge, which is located near the intersection of Ruus Road and Industrial Parkway SW/Industrial Parkway West, will be relocated 75 feet to the northwest of its existing location. The new bridge will be fitted with ADA-approved ramps.

JUSTIFICATION:

The bridge will need to be relocated as Alameda County will be upgrading the flood control channel in that area by next fiscal year.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $50,000 to project in order to remove and replace deteriorated bridge deck wood planks.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

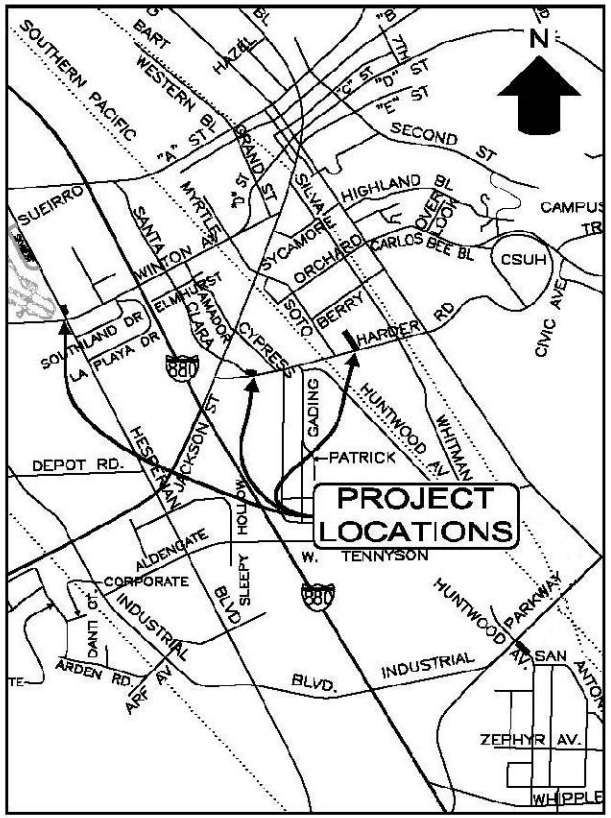
CATEGORY: Livable Neighborhoods

Project Title: New Sidewalks: Franklin, Harder, and Phillips
Project No.: 5176
Fund 212 - Measure B Fund (Pedestrian and Bicycle)

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	100	400										500
Reimbursements													
Net Cost to Fund	0	100	400										500



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, and Phillips 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:

Reduced project cost by $50,000 to match expected Measure B revenue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	158	15	15	15	15	15	15	15	15	15	15	15	323
Reimbursements													
Net Cost to Fund	N/A	15	15	15	15	15	15	15	15	15	15	15	323

DESCRIPTION:

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

JUSTIFICATION:

These pedestrial 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 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

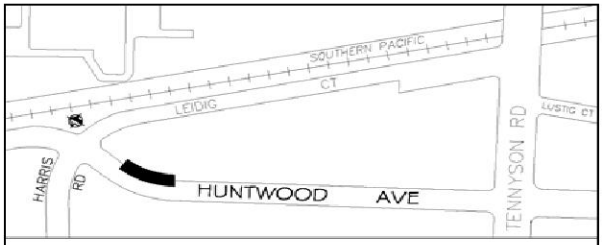
CATEGORY: Livable Neighborhoods

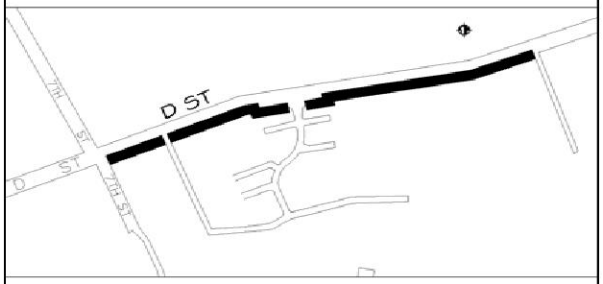
Project Title: New Sidewalks: Huntwood Ave., D St., and Industrial Blvd.
Project No.: To Be Determined
Fund 212 - Measure B Fund (Pedestrian and Bicycle)

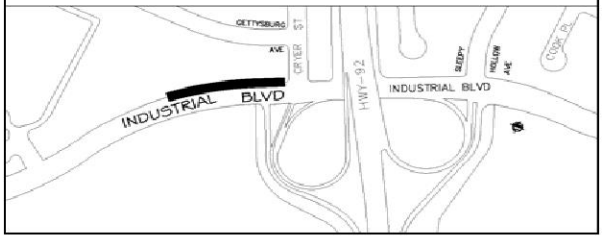
($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	50	350									400
Reimbursements													
Net Cost to Fund	0	0	50	350									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 Huntwood Avenue, D Street, and Industrial 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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: New Sidewalks FY15 - FY22
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	50	350	400	400	400	400	400	400	400	3,200
Reimbursements													
Net Cost to Fund	0	0	0	50	350	400	400	400	400	400	400	400	3,200

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 accommodation 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:

Added $400,000 each in FY21 & FY22 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

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Housing Authority - Capital - Fund 242

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5075	Route 238 Homebuyer Program	1,000	0	1,000										
5076	South Hayward BART - Affordable Housing	5,237	73	5,164										
5077	Various Low/Mod Capital Projects	0	0	0										
	TOTAL PROJECT COSTS			6,164										
	TOTAL EXPENDITURES			6,164										
	REVENUES:													
	Interest			78										
	REVENUE SUBTOTAL:			78										
	TRANSFERS IN FROM:													
	Fund 456													
	Fund 241			1,100										
	Fund 455													
	TRANSFERS SUBTOTAL:			1,100										
	REVENUE TOTALS:			1,178										
	BEGINNING FUND BALANCE:			5,131	145	145	145	145	145	145	145	145	145	145
	ENDING FUND BALANCE:			145	145	145	145	145	145	145	145	145	145	145

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Capital Improvement Fund - Fund 410

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
6961	880/92 Reliever Route Project - Phase I	920	920											
	- Preliminary Design and Environmental Review ***ACTIA***	*600*	*415*	*185*										
6951	City Gateways	406	95	311										
	RDA	*406*	*406*											
6968	Sealing Centennial Hall Parking Deck	251	139	112										
6993	Centennial Hall Building Deconstruction	744	651	93										
6901	City Facilities Needs Assessment Study	250	0	70	180									
6992	New Library - Programming/Design	1,000	222	375	403									
	Developer Donation	*1,127*	*1,127*											
6977	UST Remediation Study - Fire Station 2	320	162	73	35	25	25							
5102	Landscape Material/Street Tree Replacements	605	N/A	55	55	55	55	55	55	55	55	55	55	55
5160	Surplus Property Maintenance	165	N/A	15	15	15	15	15	15	15	15	15	15	15
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	550	N/A	50	50	50	50	50	50	50	50	50	50	50
6950	Neighborhood Partnership Program Project	766	155	111	50	50	50	50	50	50	50	50	50	50
	Caltrans	*61*		*61*										
6978	Foothill Gateway Landscape Plan	50	0	0	50									
	County Reimbursement	25			*25*									
	RDA	*25*	*25*											
TBD	Downtown Parking Study	20	0	20										
TBD	City Hall Rotunda Sound System	25	0	25										
TBD	Improvements to City Council Chambers	25	0	25										
TBD	Community Satisfaction Survey	40	0	40										
TBD	Disaster Preparedness Exercise	50	0	50										
TBD	Interior Painting of City Facilities	30	0	0	30									
TBD	Comprehensive General Plan Update	2,203	0	0	1,101	1,102								
TBD	Mural Art Program	250	0	0	100	50	50	50						
	Promise Grant	50			*50*									
	CDBG	*200*			*50*	*50*	*50*	*50*						
	Transfer to Fund 726 (new ISF for Tech Services)		750	100	320									

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Capital Improvement Fund - Fund 410

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			1,565	2,429	1,387	285	260	210	210	210	210	210	210
	TOTAL EXPENDITURES			1,565	2,429	1,387	285	260	210	210	210	210	210	210
	REVENUES:													
	Interest			23	8	2	3	3	4	5	6	10	11	13
	ACTIA			185										
	Caltrans			61										
	Construction Tax			70	100	150	200	250	250	250	250	250	250	250
	County Reimbursement (Project 6978)				25									
	Land Vacation - EBRPD			1,304										
	Promise Grant				50									
	CDBG				50	50	50	50						
	REVENUE SUBTOTAL:			1,643	233	202	253	303	254	255	256	260	261	263
	TRANSFERS IN FROM:													
	General Fund (for General Plan Update)				1,101	1,102								
	TRANSFERS SUBTOTAL:													
	REVENUE TOTALS:			1,643	1,334	1,304	253	303	254	255	256	260	261	263
	BEGINNING FUND BALANCE:			1,263	1,341	246	163	131	174	218	263	309	359	410
	ENDING FUND BALANCE:			1,341	246	163	131	174	218	263	309	359	410	463

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: City Facilities Needs Assessment Study
Project No.: 6901
Fund 410 - Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	70	180										250
Reimbursements													
Net Cost to Fund	0	70	180										250

DESCRIPTION:

Project to plan for and develop bond-related programs for infrastructure improvements of various City facilities.

JUSTIFICATION:

Infrastructure improvements are a high priority at many City-owned facilities. The exploration of bond-related opportunities will greatly assist the City in its efforts to address such needs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project cost by $150,000 due to more refined scope.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	222	375	403										1,000
Reimbursements	(1,127)												(1,127)
Net Cost to Fund	(905)	375	403										(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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: UST Remediation Study - Fire Station 2
Project No.: 6977
Fund 410 - Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	162	73	35	25	25								320
Reimbursements													
Net Cost to Fund	N/A	73	35	25	25								320

DESCRIPTION:

This study was conducted for the investigation of six open site contamination cases in the City. For each case, the underground storage tanks (UST) were removed and certain levels of contamination were identified from soil and groundwater sampling at the time of UST removal. With further testing, it was anticipated that most of the sites can be closed. However, Fire Station No. 2 did not meet the closure requirements and will need further remediation.

JUSTIFICATION:

Additional work is needed in order to meet closure requirements at Fire Station No. 2.

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 FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	55	55	55	55	55	55	55	55	55	55	55	605
Reimbursements													
Net Cost to Fund	N/A	55	55	55	55	55	55	55	55	55	55	55	605

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $55,000 each in FY21 & FY22 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 FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project cost by $5,000 per year from FY13-FY22 due to acquisition of more properties.

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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 in FY21 & FY22 to continue the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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 in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $50,000 each in FY21 & FY22 to continue ongoing effort to maintain and improve the City's urban forest.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Neighborhood Partnership Program Project
Project No.: 6950
Fund 410 - Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	155	111	50	50	50	50	50	50	50	50	50	50	766
Reimbursements													
Net Cost to Fund	155	111	50	50	50	50	50	50	50	50	50	50	766

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $50,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

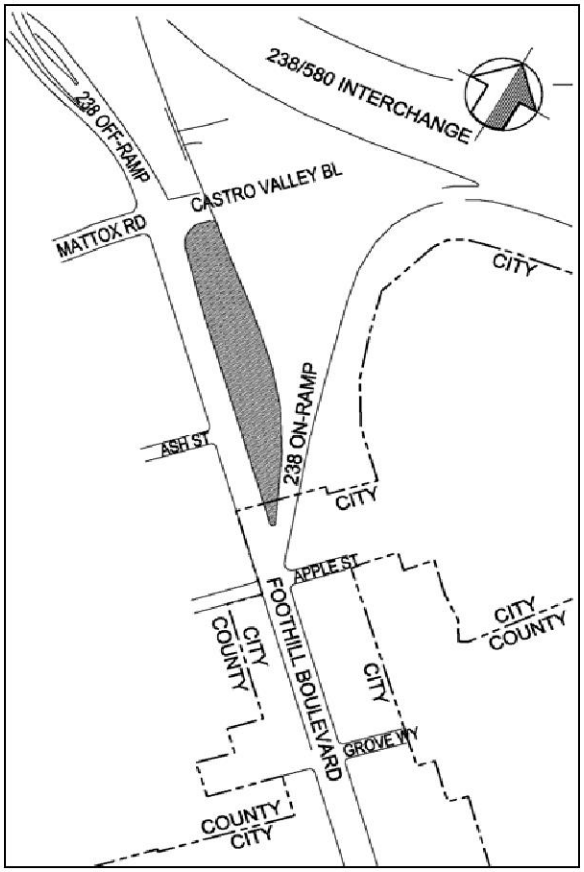
CATEGORY: Livable Neighborhoods

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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 FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: Interior Painting of City Facilities
Project No.: To Be Determined
Fund 410 Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	30										30
Reimbursements													
Net Cost to Fund	0	0	30										30

DESCRIPTION:

This project will allow for the of the interior of City buildings.

JUSTIFICATION:

Due to staff reductions, this service will need to be contracted out to a private firm.

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 FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: Comprehensive General Plan Update
Project No.: To Be Determined
Fund 410 - Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	1,101	1,102									2,203
Reimbursements													
Net Cost to Fund	0	0	1,101	1,102									2,203

DESCRIPTION:

Project to prepare a comprehensive update to the City's General Plan and an Environmental Impact Report.

JUSTIFICATION:

A comprehensive update of the General Plan is a Council priority.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Mural Art Program
Project No.: To Be Determined
Fund 410 Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100	50	50	50							250
Reimbursements			(100)	(50)	(50)	(50)							(250)
Net Cost to Fund	0	0	0	0	0	0							0

DESCRIPTION:

This project will allow for the painting of murals in selected locations throughout the City.

JUSTIFICATION:

The mural art program addresses code corrections, acts as a graffiti deterrent City-wide, and supports Council priorities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Promise Grant	50
CDBG	200

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

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Street System Improvements - Fund 413

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5188	Industrial Blvd. Pavement Rehabilitation -	465	465											
	Arf Avenue to W. Tennyson Road ***CMA TIP***	*280*		*280*										
5103	Sidewalk Rehabilitation FY10 - Districts 1 & 8	757	691	66										
	Resident Participation	*80*		*80*										
5105	Carlos Bee Realignment	1,406	1,344	62										
	HSIP	*725*	*701*	*24*										
5118	Sidewalk Rehabilitation FY09 - Districts 7 & 10	765	755	10										
	Resident Participation	*112*	*68*	*44*										
5135	Sidewalk Rehabilitation FY11 - Districts 2 & 3	900	275	625										
	Resident Participation	*100*		*100*										
5137	Pavement Reconstruction FY12 - Chiplay Ave., Chiplay Ct., Cabrini Dr, Magnolia St	576	44	532										
5138	Pavement Rehab - D St., Huntwood, Industrial Pkwy SW, 2nd St.	1,760	115	1,645										
	STP	*1,336*	*0*	*1,336*										
5142	Sidewalk Repair - B Street from Grand to Martin Luther King Drive	384	344	40										
5143	Mt. Eden Annexation Improvements Phase II	5,629	5,606	23										
	Developer Financing	*3,565*	*3,565*											
	County	*1,033*	*1,033*											
5146	Stimulus Pavement Rehab Project-Clawiter, Huntwood, D, Cypress	2,390	2,388	2										
	Federal Stimulus	*2,037*	*2,037*											
5164	Paratransit Scheduling Technology	82	0	82										
5179	Sidewalk Rehabilitation FY12 - Districts 6 & 9	900	0	900										
	Resident Participation	*100*		*100*										
5181	Storm Drain Outfall Repair - Palisade St.	100	0	100										
5182	Sidewalk Repair - Larrabee Street from Woodland Avenue to Garin Avenue	120	0	120										
5193	Median Landscaping Improvement Master Plan and Fairway Park Roundabouts	300	242	58										
5167	Dixon St. Improvements - Tennyson to Valle Vista	2,555	5	500	2,050									
	TLC Grant	*1,800*			*1,800*									
	Developer Reimbursement	*320*			*320*									
5197	880/92 Reliever Route Project	26,592	0	6,735	4,380	12,030	3,447							
	- Design, Right-of-Way and Construction ***ACTC***	*26,437*		*6,700*	*4,300*	*12,000*	*3,437*							
5148	Project Predesign Services	648	98	50	50	50	50	50	50	50	50	50	50	50
5180	Pavement Reconstruction FY13 - Wauchula Way: Sleepy Hollow to Chiplay Avenue	600	0	50	550									
5184	Median Landscaping Improvement Project FY12 - Industrial Parkway - Hwy 880 to Mission Blvd	1,000	0	100	900									
5153	Alameda County Aerial Photography	200	40	10	0	50	0	0	50	0	0	50		
5151	City Municipal Parking Lot Pavement Maintenance	1,021	1	0	0	0	0	250	100	120	250	100	100	100

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Street System Improvements - Fund 413

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
TBD	Median Landscaping Improvement Project FY13 - Winton: Hesperian to Santa Clara	200	0	0	200									
TBD	City Municipal Parking Lot #5	420	0	0	420									
TBD	B Street Pavement Repair	800	0	0	800									
TBD	Sidewalk Rehabilitation FY13 - Districts 4 & 5	900	0	0	900									
	Resident Participation	*100*			*100*									
TBD	Pavement Reconstruction FY14 - Alberta Ct, Forselles Wy, and Stafford Avenue	500	0	0	50	450								
TBD	Median Landscaping Improvement Project FY14 - Industrial Parkway - Hesperian to Hwy 880	500	0	0	0	500								
TBD	Sidewalk Rehabilitation FY14 - Districts 7 & 10	700	0	0	0	700								
	Resident Participation	*80*	*0*	*0*	*0*	*80*								
TBD	Pavement Reconstruction FY15 - FY22	4,550	0	0	0	50	500	500	500	600	600	600	600	600
TBD	Sidewalk Rehabilitation FY15 - FY22	5,650	0	0	0	50	700	700	700	700	700	700	700	700
	Resident Participation	*640*	*0*	*0*	*0*	*0*	*80*	*80*	*80*	*80*	*80*	*80*	*80*	*80*
TBD	Median Landscaping Improvement Project FY15 - Hesperian - Winton to Chabot Ct.	500	0	0	0	0	500							
TBD	Median Landscaping Improvement Project FY16 - FY17 - Hesperian - West A St. to Winton	870	0	0	0	0	0	100	770					
TBD	Median Landscaping Improvement Project FY18 - FY20 - Industrial Blvd. - Hwy 92 to Arf Ave.	1,170	0	0	0	0	0	0	100	1,070				
TBD	Slurry Seal/Preventive Maintenance - FY19 - FY22	1,600	0	0	0	0	0	0	0	0	400	400	400	400

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Street System Improvements - Fund 413

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			11,710	10,300	13,880	5,197	1,600	2,270	2,540	2,000	1,900	1,850	1,850
	TOTAL EXPENDITURES			11,710	10,300	13,880	5,197	1,600	2,270	2,540	2,000	1,900	1,850	1,850
	REVENUES:													
	Interest			99	15	5	10	13	13	7	4	12	21	34
	Sidewalk Rehabilitation Reimbursement			324	100	80	80	80	80	80	80	80	80	80
	CMA TIP (Project 5188)			280										
	HSIP (Project 5105)			24										
	Developer - Reimbursement (Project 5167)				320									
	TLC Grant (Project 5167)				1,800									
	STP (Project 5138)			1,336										
	ACTC (Project 5197)		26,437	6,700	4,300	12,000	3,437							
	County RDA Reimb. for City's Contrib. for Mt. Eden Project 5143 (repayment term - 20 years)										100	100	100	100
	REVENUE SUBTOTAL:			8,763	6,535	12,085	3,527	93	93	87	184	192	201	214
	TRANSFERS IN FROM:													
	Fund 430 - (Rt. 238 Trust Fund)			250	250	250	250	250	500	500	500	500	500	648
	Fund 210 (Gas Tax "Swap")			1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486
	TRANSFERS SUBTOTAL:			1,736	1,736	1,736	1,736	1,736	1,986	1,986	1,986	1,986	1,986	2,134
	REVENUE TOTALS:			10,499	8,271	13,821	5,263	1,829	2,079	2,073	2,170	2,178	2,187	2,348
	BEGINNING FUND BALANCE:			3,764	2,553	524	465	531	760	569	102	272	550	887
	ENDING FUND BALANCE:			2,553	524	465	531	760	569	102	272	550	887	1,385

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

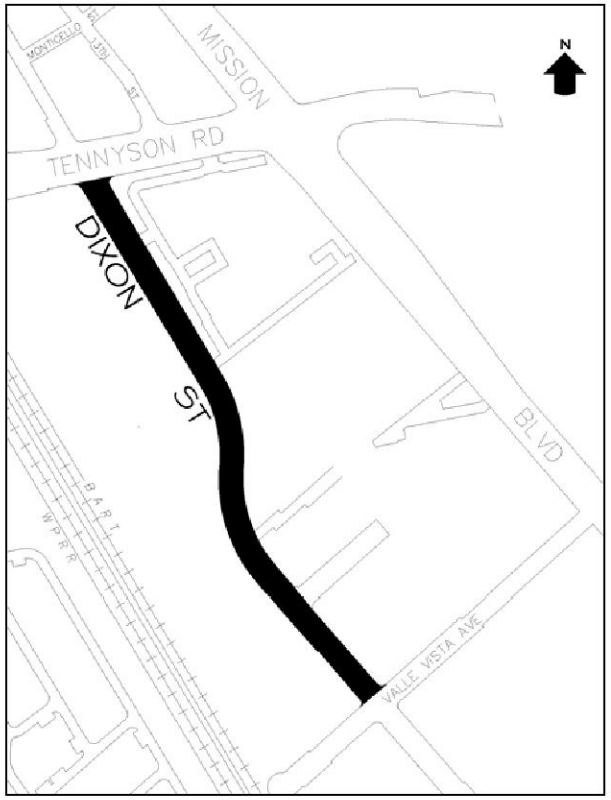
CATEGORY: Road and Street

Project Title: Dixon Street Improvements - Tennyson to Valle Vista
Project No.: 5167
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	5	500	2,050										2,555
Reimbursements			(2,120)										(2,120)
Net Cost to Fund	5	500	(70)										435



DESCRIPTION:

This project will address streetscape and access improvements on Dixon Street from Tennyson Road to Valle Vista Avenue.

JUSTIFICATION:

The proposed improvements will bring new vibrancy to neighborhoods and transit corridors in the area.

REIMBURSEMENTS:

TLC Grant	1,800
Developer Reimbursement	320

PROJECT MODIFICATIONS:

Added $2,499,000 to reflect the full cost of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

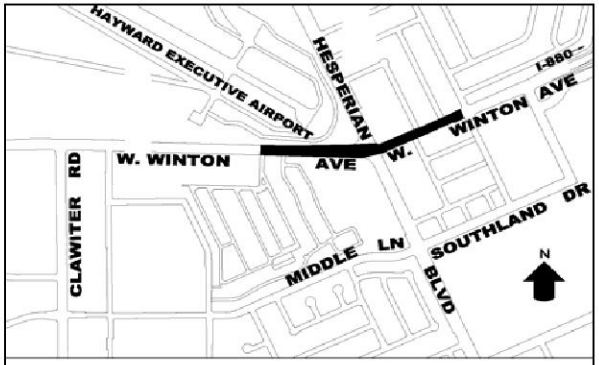
CATEGORY: Road and Street

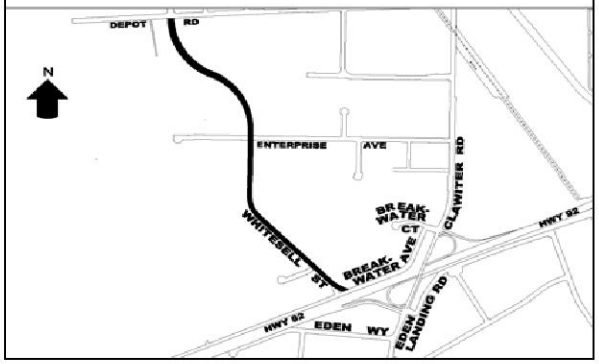
Project Title: I-880/92 Reliever Route Project: Design, Right-of-Way and Construction
Project No.: 5197
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	6,735	4,380	12,030	3,447								26,592
Reimbursements		(6,700)	(4,300)	(12,000)	(3,437)								(26,437)
Net Cost to Fund	0	35	80	30	10								155





DESCRIPTION:

This project consists of extending and widening Whitesell Street from Depot Road to Breakwater Avenue; adding a second westbound left turn lane at the intersection of Hesperian Boulevard and Winton Avenue; installing a traffic signal at Clawiter Road and the eastbound SR 92 off-ramps/Eden Landing Road; constructing a westbound right turn lane at Clawiter Road and Breakwater Avenue; and modifying traffic signals at the intersections of Hesperian Boulevard and Middle Lane and Winton Avenue and Clawiter Road The project, which will cost approximately $26.6 million and is anticipated to be completed by the end of FY15, is funded through the Alameda County Transportation Commission (ACTC).

JUSTIFICATION:

The planned improvements will provide for better access in and out of the industrial area located north of State Route 92 and west of Interstate 880. It will also help to relieve the congestion on Interstate 880, State Route 92 and several major arterials, such as Winton Avenue, Clawiter Road, and Depot Road.

REIMBURSEMENTS:

ACTIA 26,437

PROJECT MODIFICATIONS:

Increased project by $77,000 due to updated cost estimate.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Project Predesign Services
Project No.: 5148
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	98	50	50	50	50	50	50	50	50	50	50	50	648
Reimbursements													
Net Cost to Fund	98	50	50	50	50	50	50	50	50	50	50	50	648

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:

Added $50,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

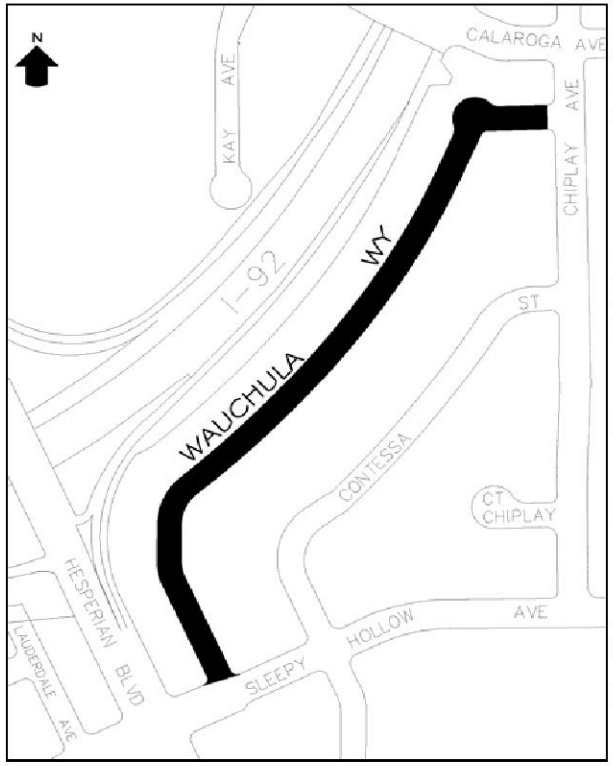
CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY13 - Wauchula Way: Sleepy Hollow to Chiplay Avenue
Project No.: 5180
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	50	550										600
Reimbursements													
Net Cost to Fund	0	50	550										600



DESCRIPTION:

Street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards. The FY13 project will focus on the portion of Wauchula Way between Sleepy Hollow and Chiplay Avenue.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

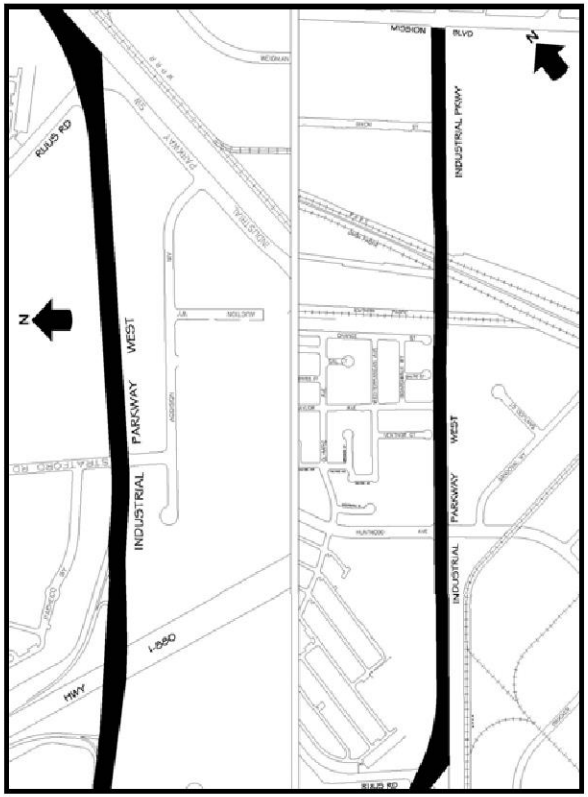
CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY12 - Industrial Parkway - Hwy 880 to Mission
Project No.: 5184
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	100	900										1,000
Reimbursements													
Net Cost to Fund	0	100	900										1,000



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Industrial Parkway from Highway 880 to Mission.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Alameda County Aerial Photography
Project No.: 5153
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	40	10	0	50	0	0	50	0	0	50			200
Reimbursements													0
Net Cost to Fund	40	10	0	50	0	0	50	0	0	50			200

DESCRIPTION:

This project will provide new aerial photography to use in periodic updating of the City's GIS.

JUSTIFICATION:

This new set of images will capture recent housing and building developments as well as other items not reflected on older, prior editions.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: City Municipal Parking Lot Pavement Maintenance
Project No.: 5151
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	1	0	0	0	0	250	100	120	250	100	100	100	1,021
Reimbursements													0
Net Cost to Fund	1	0	0	0	0	250	100	120	250	100	100	100	1,021

DESCRIPTION:

Funding will be utilized each year to rehabilitate pavement at one of the City's parking lots.

JUSTIFICATION:

Pavement at many of the City's parking lots is starting to fail, thereby posing a hazard to both motorists and pedestrians who traverse through the lots.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $100,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

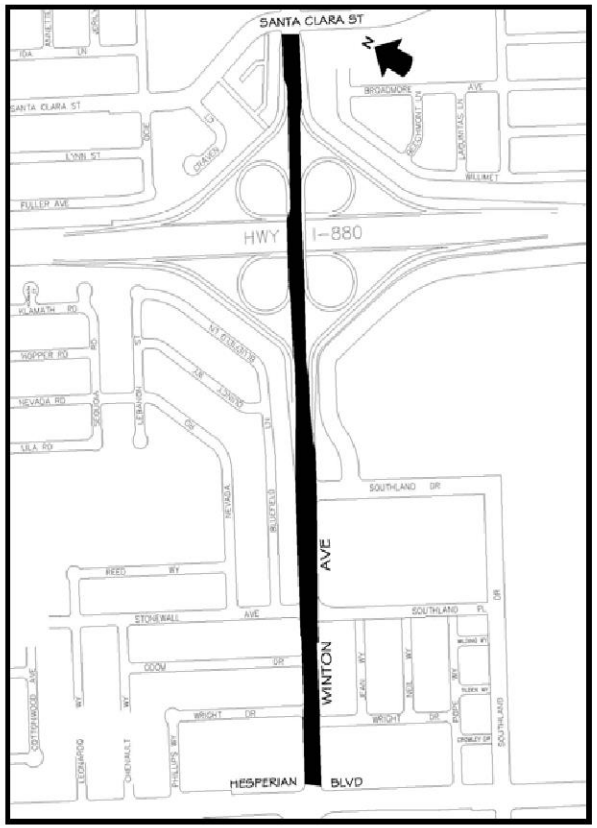
CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY13 - Winton - Hesperian to Santa Clara
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Winton from Hesperian to Santa Clara.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

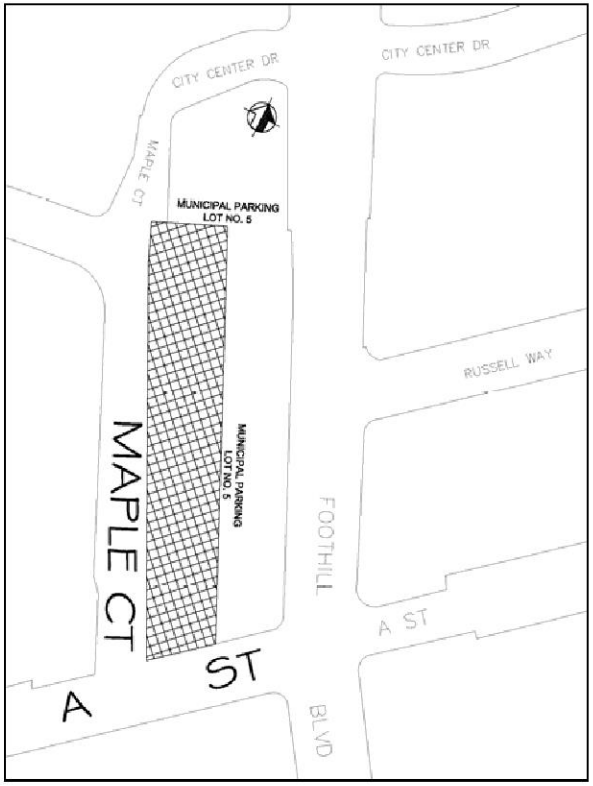
CATEGORY: Road and Street

Project Title: City Municipal Parking Lot #5
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	420										420
Reimbursements													
Net Cost to Fund	0	0	420										420



DESCRIPTION:

Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. For FY13, Parking Lot #5 is scheduled for improvements.

JUSTIFICATION:

Pavement at many of the City's parking lots is starting to fail, thereby posing a hazard to both motorists and pedestrians who traverse through the lots.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

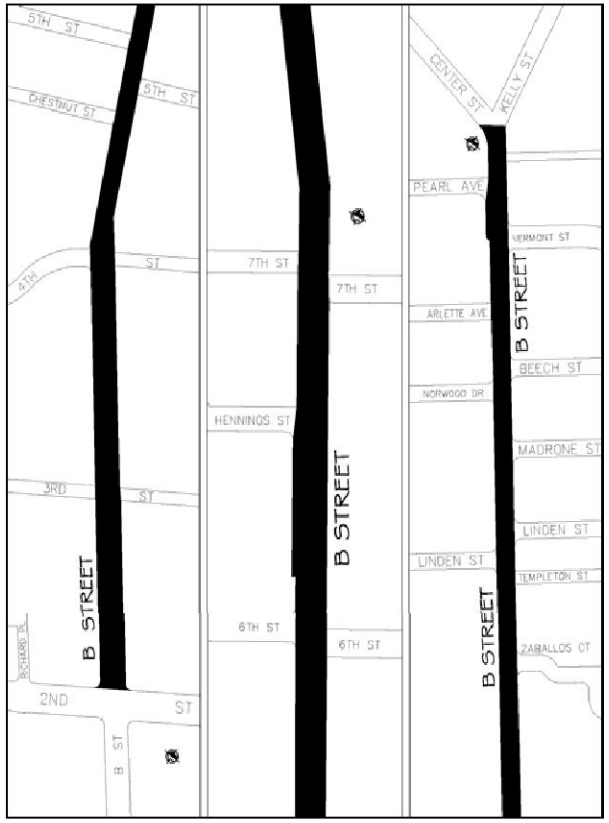
CATEGORY: Road and Street

Project Title: B Street Pavement Repair
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	800										800
Reimbursements													
Net Cost to Fund	0	0	800										800



DESCRIPTION:

This project consists of the repair of pavement on B Street from Second Street to Kelly Street; planned work includes removing/replacing existing pavement in localized areas of failure as well as the application of crack sealing and a modified slurry seal. The project will also upgrade existing curb ramps to meet ADA requirements.

JUSTIFICATION:

Local streets with a pavement condition index below 30 have generally not been repaired, because of insufficient funding. This project addresses such needs along B Street.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

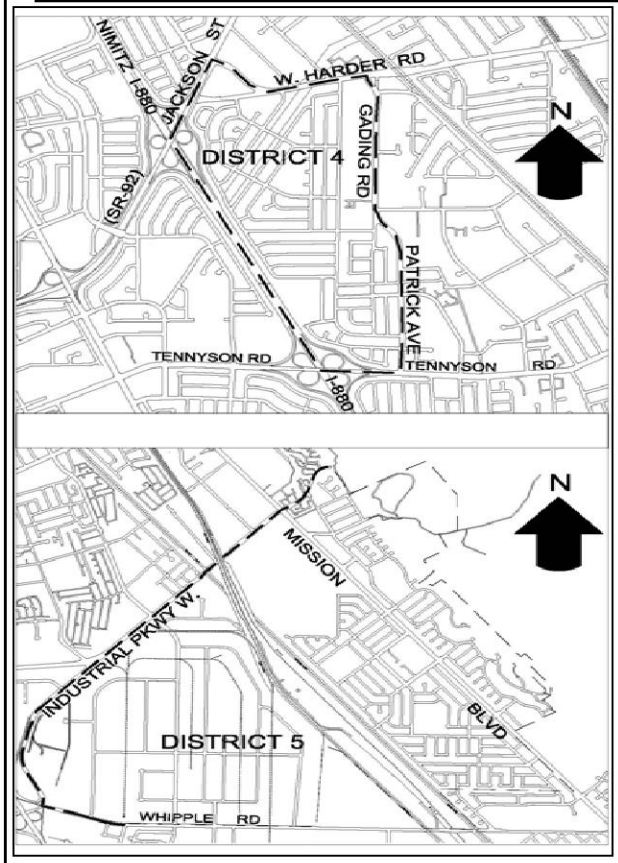
CATEGORY: Livable Neighborhoods

Project Title: Sidewalk Rehabilitation FY13 - Districts 4 & 5
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	900										900
Reimbursements			(100)										(100)
Net Cost to Fund	0	0	800										800



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 4 and 5.

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/Gas Tax "swap" funding.

REIMBURSEMENTS:

Resident Participation 100

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

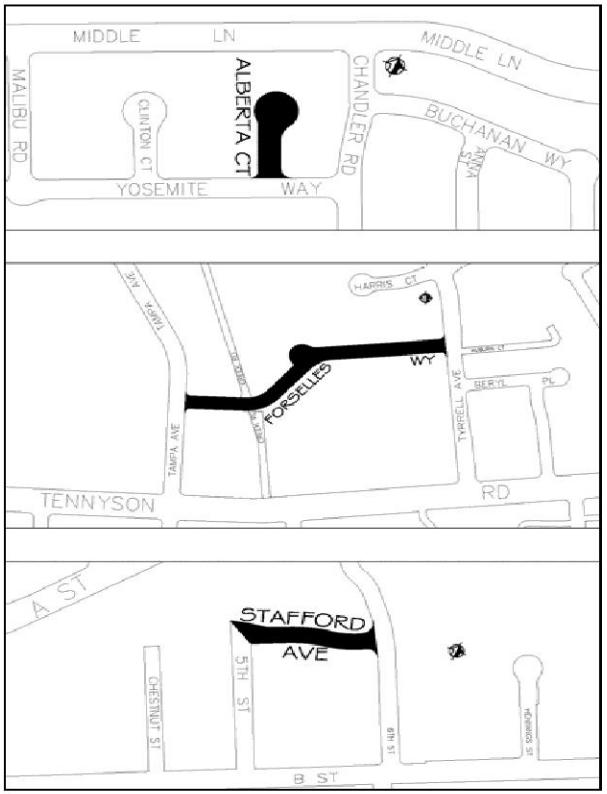
CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY14 - Alberta Court, Forselles Way, and Stafford Avenue
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	50	450									500
Reimbursements													
Net Cost to Fund	0	0	50	450									500



DESCRIPTION:

Street maintenance program involving reconstruction or major repair of severely deteriorated streets that will bring them up to acceptable pavement standards. The FY14 project will focus on the portions of Alberta Court, Forselles Way, and Stafford Avenue.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

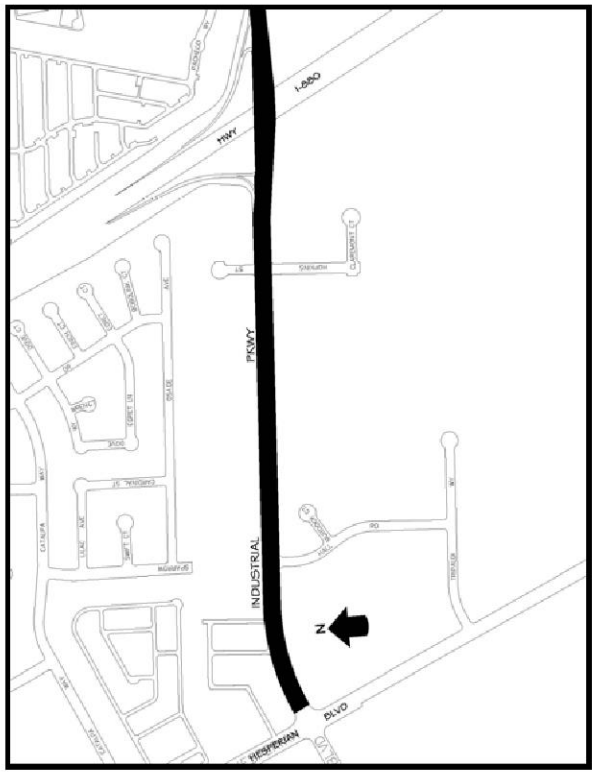
CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY14 - Industrial Parkway from Hesperian to Hwy 880
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	500									500
Reimbursements													
Net Cost to Fund	0	0	0	500									500



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Industrial Parkway from Hesperian to Hwy 880.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

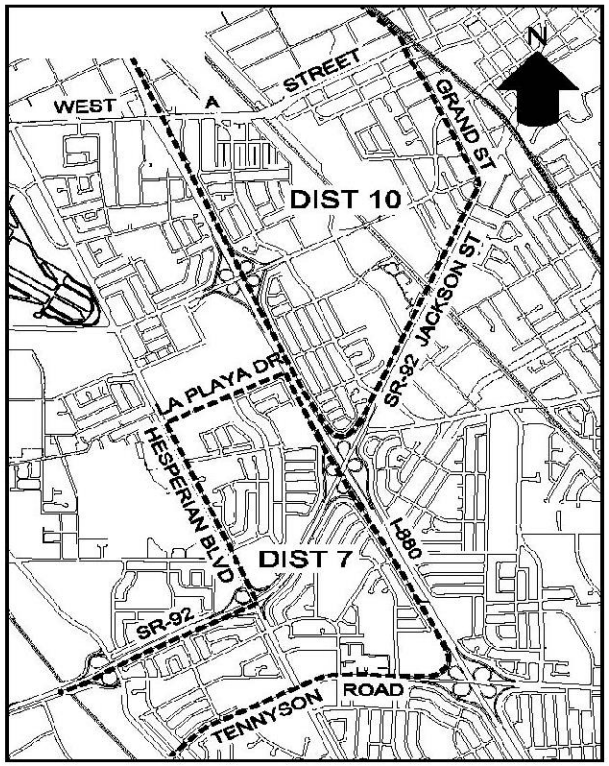
CATEGORY: Livable Neighborhoods

Project Title: Sidewalk Rehabilitation FY14 - Districts 7 & 10
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	700									700
Reimbursements				(80)									(80)
Net Cost to Fund	0	0	0	620									620



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 7 and 10.

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/Gas Tax "swap" funding.

REIMBURSEMENTS:

Resident Participation 80

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Pavement Reconstruction FY15-FY22
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	50	500	500	500	600	600	600	600	600	4,550
Reimbursements													
Net Cost to Fund	0	0	0	50	500	500	500	600	600	600	600	600	4,550

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:

Added funding of $600,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Sidewalk Rehabilitation FY15-FY22
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	50	700	700	700	700	700	700	700	700	5,650
Reimbursements					(80)	(80)	(80)	(80)	(80)	(80)	(80)	(80)	(640)
Net Cost to Fund	0	0	0	50	620	620	620	620	620	620	620	620	5,010

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/Gas Tax "swap" funds and transfers from the Route 238 Trust Fund.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Resident Participation 640

PROJECT MODIFICATIONS:

Added funding of $700,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

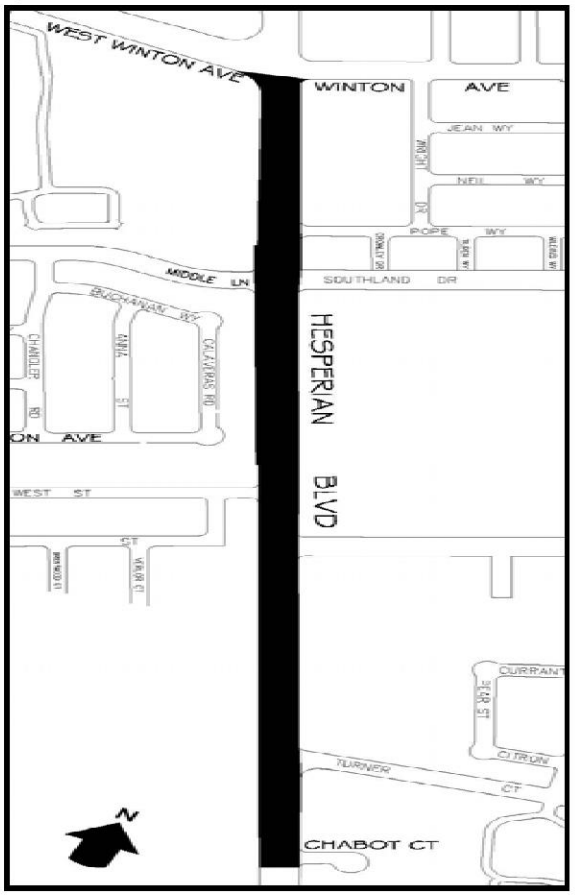
CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY15 - Hesperian from Winton to Chabot Court
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	500								500
Reimbursements													
Net Cost to Fund	0	0	0	0	500								500



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Hesperian from Winton to Chabot Court.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

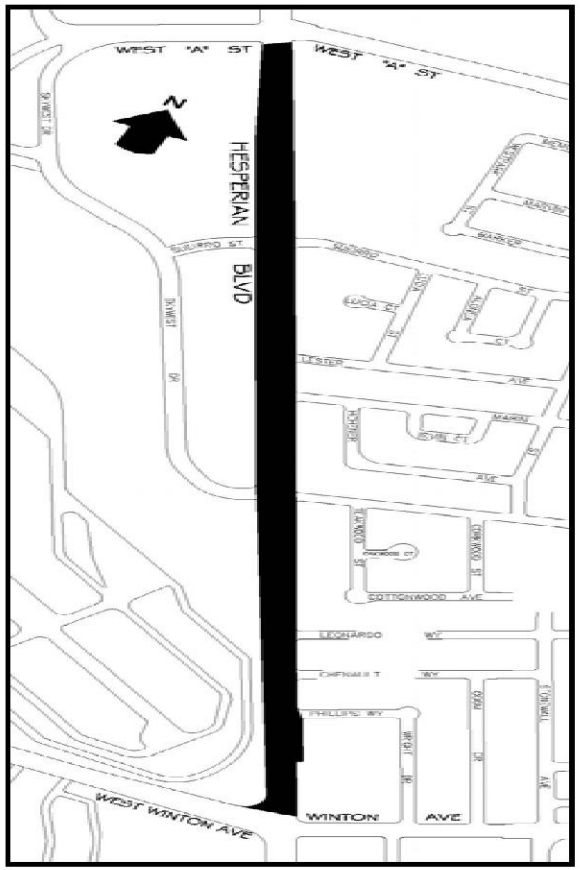
CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY16-FY17 - Hesperian - West A Street to Winton
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	100	770						870
Reimbursements													
Net Cost to Fund	0	0	0	0	0	100	770						870



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Hesperian from West A Street to Winton.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

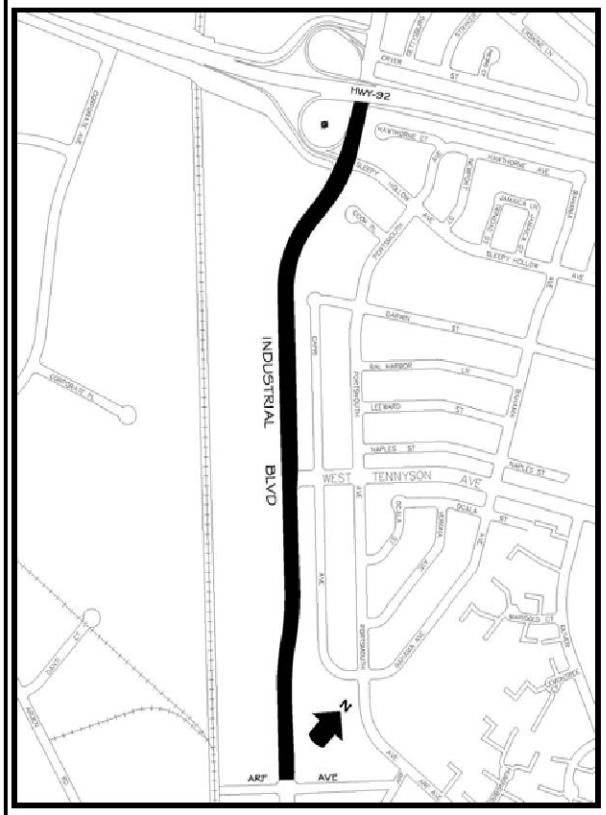
CATEGORY: Livable Neighborhoods

Project Title: Median Landscaping Improvement Project FY18-FY20 - Industrial Blvd. from Hwy 92 to Arf Avenue
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	100	1,070					1,170
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	100	1,070					1,170



DESCRIPTION:

This project will install and/or upgrade landscaping in medians along Industrial Blvd. from Hwy 92 to Arf Avenue.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Slurry Seal/Preventive Maintenance FY19 - FY22
Project No.: To Be Determined
Fund 413 - Street System Improvements

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	400	400	400	400	1,600
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	400	400	400	400	1,600

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:

Added funding of $400,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

Transportation System Improvement Fund - Fund 420

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5701	Signal Timing and Controller Replacement Program	648	98	550										
	(Hesperian, Tennyson, and Winton) ***TFCA***	*614*	*90*	*524*										
5702	Tennyson Streetlight LED Conversion	70	1	69										
	Energy Efficiency and Conservation Block Grant	*70*		*70*										
5703	Signal Timing and Controller Replacement Program - Clawiter	218	0	20	198									
	TFCA	*190*		*20*	*170*									
5709	Traffic Control Devices Repair/Replacement	440	N/A	40	40	40	40	40	40	40	40	40	40	40
5734	Speed Lump Installation Program	780	N/A	80	70	70	70	70	70	70	70	70	70	70
5856	Controller Cabinet Replacement Program	265	N/A	15	25	25	25	25	25	25	25	25	25	25
5877	Transportation System Management Projects	419	N/A	19	40	40	40	40	40	40	40	40	40	40
5893	Quick Response Traffic Safety Projects	155	N/A	5	15	15	15	15	15	15	15	15	15	15
TBD	Jackson Street and C Street Streetlight LED Conversion	80	0	80										
	Energy Efficiency and Conservation Block Grant	*80*		*80*										
TBD	Citywide Intersection Improvement Study	300	0	0	150	150								
TBD	Intersection Improvement Project - TBD	1,200	0	0	0	0	50	250	50	250	50	250	50	250
	TOTAL PROJECT COSTS			878	538	340	240	440	240	440	240	440	240	440
	TOTAL EXPENDITURES			878	538	340	240	440	240	440	240	440	240	440
	REVENUES:													
	Interest			2	0	0	2	2	2	3	3	5	5	6
	TFCA (Projects 5701 & 5703)			544	170									
	Energy Efficiency & Conservation Block Grant (Project 5702)			70										
	Energy Efficiency & Conservation Block Grant (Jackson/C St.)			80										
	REVENUE SUBTOTAL:			696	170	0	2	2	2	3	3	5	5	6
	TRANSFERS IN FROM:													
	Fund 100 (General Fund)			50	350	350	350	350	350	350	350	350	350	350
	TRANSFERS SUBTOTAL:			50	350	350	350	350	350	350	350	350	350	350
	REVENUE TOTALS:			746	520	350	352	352	352	353	353	355	355	356
	BEGINNING FUND BALANCE:			181	49	31	41	153	65	177	90	203	118	233
	ENDING FUND BALANCE:			49	31	41	153	65	177	90	203	118	233	149

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

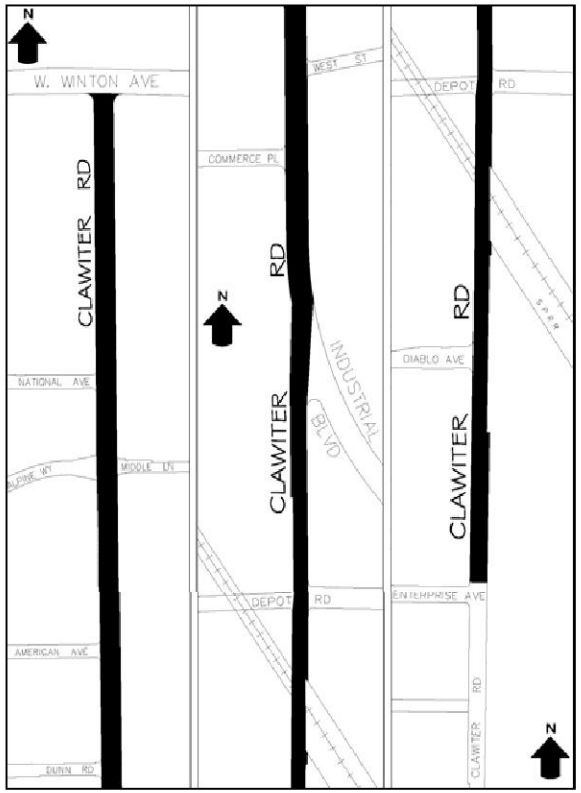
CATEGORY: Road and Street

Project Title: Signal Timing and Controller Replacement Program - Clawiter
Project No.: 5703
Fund 420 - Transportation System Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	20	198										218
Reimbursements		(20)	(170)										(190)
Net Cost to Fund	0	0	28										28



DESCRIPTION:

Phase 2 of a program to upgrade signal controllers and install video detection on Clawiter Road.

JUSTIFICATION:

This project will improve traffic circulation along this main corridor.

REIMBURSEMENTS:
TFCA 190

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of $40,000 was added each in FY21 & FY22 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 FY13 - FY22

CATEGORY: Livable Neighborhoods

Project Title: Speed Lump Installation Program
Project No.: 5734
Fund 420 - Transportation System Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	80	70	70	70	70	70	70	70	70	70	70	780
Reimbursements													
Net Cost to Fund	N/A	80	70	70	70	70	70	70	70	70	70	70	780

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $70,000 each in FY21 & FY22 to permit continuation of the program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	15	25	25	25	25	25	25	25	25	25	25	265
Reimbursements													
Net Cost to Fund	N/A	15	25	25	25	25	25	25	25	25	25	25	265

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $25,000 each in FY21 & FY22 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	19	40	40	40	40	40	40	40	40	40	40	419
Reimbursements													
Net Cost to Fund	N/A	19	40	40	40	40	40	40	40	40	40	40	419

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $40,000 each in FY21 & FY22 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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	5	15	15	15	15	15	15	15	15	15	15	155
Reimbursements													
Net Cost to Fund	N/A	5	15	15	15	15	15	15	15	15	15	15	155

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $15,000 each in FY21 & FY22 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Citywide Intersection Improvement Study
Project No.: To Be Determined
Fund 420 - Transportation System Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	150	150									300
Reimbursements													
Net Cost to Fund	0	0	150	150									300

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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	50	250	50	250	50	250	50	250	1,200
Reimbursements													
Net Cost to Fund	0	0	0	0	50	250	50	250	50	250	50	250	1,200

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $300,000 to allow for an additional improvement project during FY21 & FY22.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

Route 238 Trust Fund - Fund 430

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5117	Route 238 Corridor Improvement Project:													
	A - Preliminary Engineering, EIR, and Administration	1,500	1,500											
	B - Design, Right-of-Way Engineering and Acquisition	31,300	30,173	677	100	350								
	Alameda CTC	*30,850*	*30,173*	*677*										
	C - Construction & Construction Administration	65,200	15,430	24,770	24,650	350								
	Alameda CTC	*47,650*	*15,430*	*24,770*	*7,450*									
	LATIP (to be used for payback of ACTC loan)	*9,000*				*2,000*	*5,500*	*1,500*						
	Lease Payments (T-Mobile and Euromotors)	*102*	*70*	*15*	*17*									
	La Vista	*656*				*656*								
	PG&E Rule 20A	*6,000*	*1,984*	*4,016*										
	Surplus Land Sales	*2,400*			*2,400*									
	South Hayward BART	*228*			*228*									
	Grand Mosque	*5*		*5*										
5114	Administration and Predesign	823	163	60	60	60	60	60	60	60	60	60	60	60
5194	Preliminary Design and Environmental Study for the Route	500	0	0	0	500								
	238 Corridor Improvement Project - Phases II & III ***LATIP***	*500*					*500*							
5162	Foothill/Mission Corridor Maintenance	934	34	0	0	100	100	100	100	100	100	100	100	100
TBD	Route 238 Corridor Improvement Project - Phase II	6,550	0	0	0	1,150	5,400							
	(Mission from A St. to North City Limit) ***LATIP***	*6,550*				*1,150*	*5,400*							
TBD	Route 238 Corridor Improvement Project - Phase III	3,950	0	0	0	0	0	2,500	1,450					
	(Mission from Industrial to South City Limit) ***LATIP***	*3,950*						*2,500*	*1,450*					

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Route 238 Trust Fund - Fund 430

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS		47,300	25,507	24,810	2,510	5,560	2,660	1,610	160	160	160	160	160
	Transfer to Street System Improvements Fund (Fund 413)	6,170	2,920	250	250	250	250	250	500	500	500	500	500	648
	Transfer to Gas Tax Fund (Fund 210)			200	200	100	100							
	Debt Service Payment to ACTC for Loan (utilizing LATIP funds to pay back loan amount)	13,000		0	0	500	3,500	6,000	3,000					
	TOTAL EXPENDITURES			25,957	25,260	3,360	9,410	8,910	5,110	660	660	660	660	808
	REVENUES:													
	Interest			78	80	86	201	178	98	58	46	51	33	12
	Lease Payments from Acquired Properties		70	15	17									
	Alameda CTC	78,500	45,603	25,447	7,450									
	State Right of Way Rental			227	197	167	137	107	77	47	0	0	0	0
	Real Estate Transactions (Surplus Land Sales)				2,400									
	PG&E Rule 20A	6,000	1,984	4,016										
	Stonebrae Development			2,057										
	LATIP	20,000		0	0	3,150	11,400	4,000	1,450					
	La Vista					656								
	S. Hayward BART (Developer Reimb Agreement)				228									
	Grand Mosque (Developer Reimbursement Agreement)			5										
	Alameda CTC Loan				13,000									
	REVENUE SUBTOTAL:		47,657	31,845	23,372	4,059	11,738	4,285	1,625	105	46	51	33	12
	TRANSFERS IN FROM:													
	TRANSFERS SUBTOTAL:			0	0	0	0	0	0	0	0	0	0	0
	REVENUE TOTALS:			31,845	23,372	4,059	11,738	4,285	1,625	105	46	51	33	12
	BEGINNING FUND BALANCE:			4,284	10,172	8,284	8,983	11,311	6,686	3,201	2,646	2,032	1,423	796
	ENDING FUND BALANCE:			10,172	8,284	8,983	11,311	6,686	3,201	2,646	2,032	1,423	796	0

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	47,103	25,447	24,750	700									98,000
Reimbursements	(45,603)	(25,447)	(22,078)	(2,656)									(95,784)
Net Cost to Fund	1,500	0	2,672	(1,956)									2,216

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

ACTC	78,500
LATIP	9,000
Developers	884
Surplus Land Sale	2,400
PG&E	6,000

PROJECT MODIFICATIONS:

Increased expenditures by $5,000,000 due to the higher costs associated with asphalt as well as more current cost estimates for construction.

OPERATING BUDGET IMPACTS:

Relinquishment of State highways will increase traffic operations costs for new signals and street lights as well as future pavement needs.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	163	60	60	60	60	60	60	60	60	60	60	60	823
Reimbursements													
Net Cost to Fund	163	60	60	60	60	60	60	60	60	60	60	60	823

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of $60,000 was added each in FY21 & FY22 to permit continuation of the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

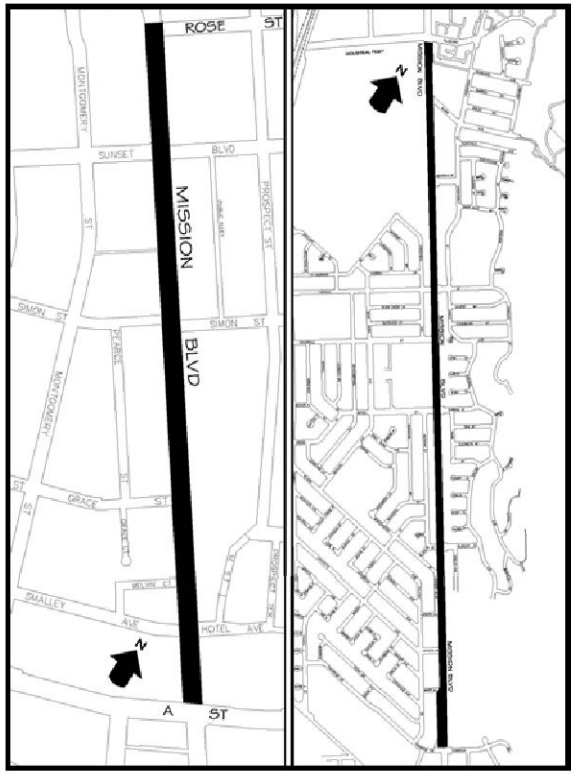
CATEGORY: Road and Street

Project Title: Preliminary Design and Environmental Study for the Route 238 Corridor Improvement Project - Phase II
Project No.: 5194
Fund 430 - Route 238 Trust Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	500									500
Reimbursements					(500)								(500)
Net Cost to Fund	0	0	0	500	(500)								0



DESCRIPTION:

This project will allow for the preparation of both the preliminary design and the environmental study for Phase II of the Route 238 Corridor Improvement Project. Among the myriad items included with this work are the installation of landscaping in existing medians, installation of sidewalk, extension of greenways, and the installation of foot-path lighting and bike paths along Mission from A Street to the north City limit and Industrial to the south City limit.

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". Funding for phases "A" and "B" of this project, which are expected to cost a total of approximately $24 million, will be provided through the use of LATIP monies. In addition, portions of each corridor pertaining to this project are in need of new sidewalks and better pedestrian facilities.

REIMBURSEMENTS:

LATIP (delayed based on assumed availability) 500

PROJECT MODIFICATIONS:

Decreased cost of project by $500,000 due to the amount of LATIP funding available for this project.

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Road and Street

Project Title: Foothill/Mission Corridor Maintenance
Project No.: 5162
Fund 430 - Route 238 Trust Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	34	0	0	100	100	100	100	100	100	100	100	100	934
Reimbursements													
Net Cost to Fund	34	0	0	100	100	100	100	100	100	100	100	100	934

MAP NOT APPROPRIATE

DESCRIPTION:

This project will maintain traffic signals along Foothill and Mission that were relinquished to the City by Caltrans as part of the Route 238 Corridor Improvement Project.

JUSTIFICATION:

Since Caltrans will no longer be responsible for the signals in either of these corridors, the City will need to be provide signal maintenance in order to ensure the safety of motorists traveling through the City.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced total project cost by $300,000; added $100,000 each in FY21 & FY22 to continue ongoing maintenance efforts.

OPERATING BUDGET IMPACTS:

Project will offset $100,000 in maintenance costs per year that would have been charged to the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

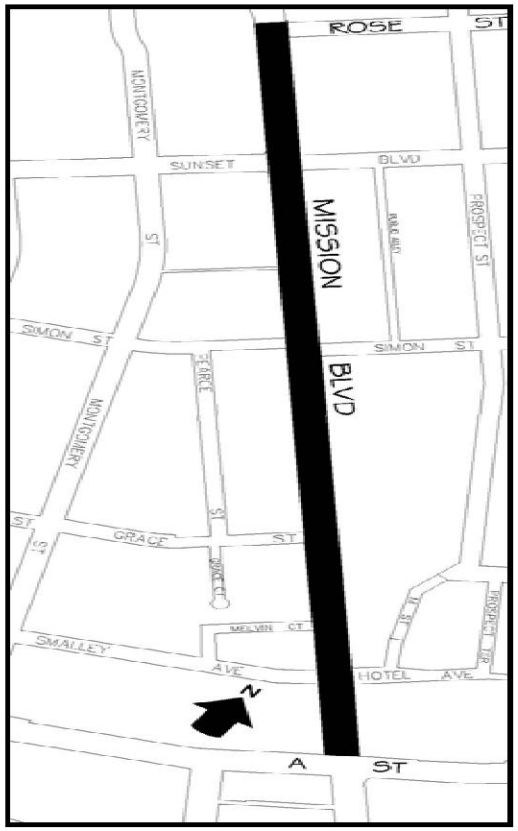
CATEGORY: Road and Street

Project Title: Route 238 Corridor Improvement Project - Phase II (Mission Blvd. from A St. to North City Limit)
Project No.: To Be Determined
Fund 430 - Route 238 Trust Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	1,150	5,400								6,550
Reimbursements				(1,150)	(5,400)								(6,550)
Net Cost to Fund	0	0	0	0	0								0



DESCRIPTION:

Among the myriad items included with this work are the installation of landscaping in existing medians, installation of sidewalk, extension of greenways, and the installation of foot-path lighting and bike paths along Mission from A Street to the north City limit.

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". Funding for this project, which is expected to cost approximately $7 million, will be provided through the use of LATIP monies. In addition, portions of each corridor pertaining to this project are in need of new sidewalks and better pedestrian facilities.

REIMBURSEMENTS:

LATIP 6,550

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

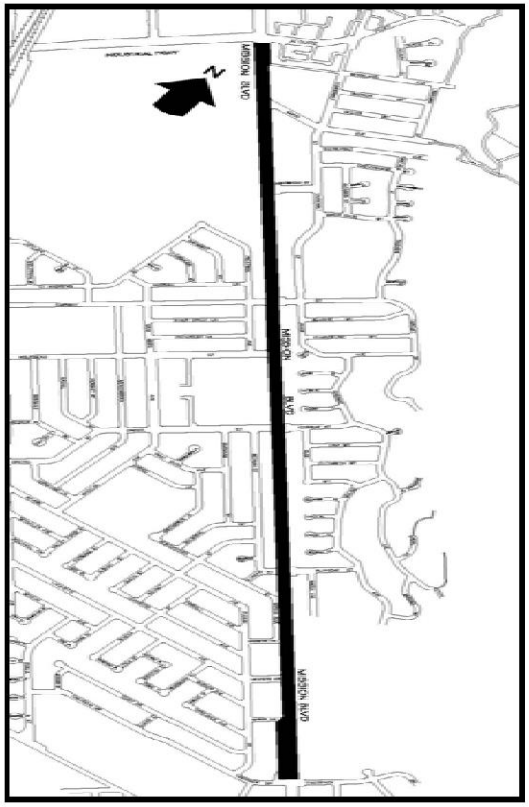
CATEGORY: Road and Street

Project Title: Route 238 Corridor Improvement Project - Phase III (Mission from Industrial to South City Limit)
Project No.: To Be Determined
Fund 430 - Route 238 Trust Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	2,500	1,450						3,950
Reimbursements						(2,500)	(1,450)						(3,950)
Net Cost to Fund	0	0	0	0	0	0	0						0



DESCRIPTION:

Among the myriad items included with this work are the installation of landscaping in existing medians, installation of sidewalk, extension of greenways, and the installation of foot-path lighting and bike paths along Mission from Industrial to the south City limit.

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". Funding for this project, which is expected to cost approximately $17 million, will be provided through the use of LATIP monies. In addition, portions of each corridor pertaining to this project are in need of new sidewalks and better pedestrian facilities.

REIMBURSEMENTS:

LATIP 3,950

PROJECT MODIFICATIONS:

Decreased cost of project by $12,868,000 due to the amount of LATIP funding available for this project.

OPERATING BUDGET IMPACTS:

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

Redevelopment Tax Allocation Bonds Fund - Fund 454

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5088	Preparation of Grants for Potential Projects in PDA	40	40											
5089	Downtown Electrical Service Improvements	514	514											
5097	Burbank School	35,120	35,120											
5099	Cannery Park Public Improvement Project	5,935	5,935											
	TOTAL PROJECT COSTS													
	TOTAL EXPENDITURES													
	Note: This fund to be closed out in FY12													
	REVENUES:													
	Interest		(1)											
	REVENUE SUBTOTAL:		(1)											
	TRANSFERS IN FROM:													
	Fund 451													
	TRANSFERS SUBTOTAL:													
	REVENUE TOTALS:													
	BEGINNING FUND BALANCE:													
	ENDING FUND BALANCE:													

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Redevelopment Project Fund - Fund 455

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5063	South Hayward BART	439	439											
5065	South Hayward BART Garage	30	30											
	TOTAL PROJECT COSTS													
	Transfer to Fund 451		455											
	Transfer to Fund 242		300											
	TOTAL EXPENDITURES		755											
	Note: Future allocations to this fund dependent on State actions													
	REVENUES:													
	Interest													
	REVENUE SUBTOTAL:													
	TRANSFERS IN FROM:													
	Fund 451	1,225	1,225											
	TRANSFERS SUBTOTAL:													
	REVENUE TOTALS:													
	BEGINNING FUND BALANCE:													
	ENDING FUND BALANCE:													

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Low/Moderate Housing - Fund 456

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
5072	Route 238 Homebuyer Program	0	0											
5073	South Hayward BART - Affordable Housing	463	463											
5074	Various Low/Mod Capital Projects	0	0											
	Transfer to Fund 242		3,894											
	TOTAL PROJECT COSTS		3,894											
	TOTAL EXPENDITURES		3,894											
	Note: This fund to be closed out in FY12													
	REVENUES:													
	Interest		13											
	REVENUE SUBTOTAL:		13											
	TRANSFERS IN FROM:													
	Fund 452	4,300	4,300											
	TRANSFERS SUBTOTAL:		2,000											
	REVENUE TOTALS:		2,013											
	BEGINNING FUND BALANCE:		2,327											
	ENDING FUND BALANCE:		0											

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Sewer Capital Improvement Fund - Fund 613

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7501	Study of Impacts of Whitesell Extension on WPCF	20	0	20										
7503	WPCF Master Plan/Facilities Update	300	0	300										
7504	West Winton Landfill Drainage Culvert Repair and Cap Placement Project	530	89	441										
	CalRecycle Grant	*225*		*225*										
7505	Solar Power Design and Construction	6,064	6,046	18										
	PG&E Grant	*2,420*		*250*	*500*	*490*	*480*	*470*	*230*					
7508	Co-Generation System	12,500	2	12,498										
	PG&E Rebate	*5,000*					*2,500*	*500*	*500*	*500*	*500*	*500*		
	Fund 612	*2,000*		*2,000*										
	Fund 616	*3,750*		*3,750*										
7509	Recycled Water Feasibility Study and Facilities Plan	211	194	17										
	SWRCP Planning Grant	*71*	*71*											
	USBR Planning Grant	*56*		*56*										
7520	Sludge Handling Master Plan	50	0	50										
7527	Fiber Optic Cable to WPCF	100	0	100										
7534	Headworks Hydraulic Evaluation and Improvement	500	0	500										
7506	WPCF Administration Building Renovation and Addition	2,500	0	500	2,000									
7507	Recycled Water Treatment and Distribution Facilities	9,900	0	2,600	7,300									
	SWRCB Construction Grant	*2,100*			*2,100*									
	Title XVI Grant	*2,100*			*2,100*									
	SRF Loan	*5,700*			*5,700*									
7511	WPCF Grease Receiving and Processing Facility	770	70	600	100									
7522	Sewer Collection System Flow Monitoring & Master Plan Update	400	0	100	300									
7545	Water Pollution Control Facility Shrub Planting	76	49	12	15									
7641	Enclose Effluent Contact Channel	3,100	0	700	2,400									
	SRF Loan	*3,100*			*3,100*									
7523	Project Predesign Services	167	N/A	17	15	15	15	15	15	15	15	15	15	15
7514	GIS Conversion/Migration (Sewer System Share)	150	0	0	150									
7530	Solar Power Design and Construction Phase II - One MW	5,300	0	0	5,300									
	PG&E Grant	*1,000*				*200*	*200*	*200*	*200*	*200*				
	Loan from Fund 622	*2,000*			*2,000*									
7515	Convert Gravity Thickener to New Primary Clarifier	2,430	0	0	400	2,030								
TBD	Utilities Laboratory Information Mgmt & Data Entry	40	0	0	40									
TBD	Energy Management at WPCF	100	0	0	100									
TBD	West Trickling Filter Biofilter	400	0	0	25	375								
TBD	Storage Ponds Evaluation and Rehabilitation	4,500	0	0	0	500	4,000							
TBD	New Final Clarifier	7,900	0	0	0	0	0	0	0	0	0	7,900		
	Fund 616	*1,975*										*1,975*		

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Sewer Capital Improvement Fund - Fund 613

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			18,473	18,145	2,920	4,015	15	15	15	15	7,915	15	15
	Retirement of Debt Service for Utilities Center (through 2013)	1,732	1,560	86	86									
	Debt Service State Revolving Fund-WPCF Improvements (Phase I) - 50% of total Debt Service for 20 years to 2028	17,577	2,727	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
	Transfer to Fund 622 for Sewer System Share of Utility Center Renovation/Training Center Addition (Second Floor) Project (Project 7176)		750	650										
	Debt Service California Energy Commission Loan for Solar Project ($2.4 million @ 3% for 11 years to 2022) (Project 7505)	2,860		260	260	260	260	260	260	260	260	260	260	260
	Debt Service State Revolving Fund for Enclosure of Effluent Contact Channel ($3.1 million @ 2.5% for 20 years to 2032) (Project 7641)	1,800		0	0	200	200	200	200	200	200	200	200	200
	Debt Service State Revolving Fund for Recycled Water Project ($5.7 million @ 2.5% for 20 years to 2032) (Project 7505)	3,330		0	0	370	370	370	370	370	370	370	370	370
	Debt Service Water Improvement Fund 622 for Additional Solar Project ($2 million @ 3% for 10 years to 2025) (Project 7530)					235	235	235	235	235	235	235	235	235
	Transfer to Fund 616 for WPCF Master Plan Projects			0	0	500	500	500	500	500	500			
	TOTAL EXPENDITURES			20,819	19,841	5,835	6,930	2,930	2,930	2,930	2,930	10,330	2,430	2,430

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Sewer Capital Improvement Fund - Fund 613

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	REVENUES:													
	Connection Fee			2,000	2,000	5,000	4,000	4,000	2,000	2,000	2,000	2,000	2,000	2,000
	Interest			276	18	21	57	98	132	139	143	135	54	53
	LAVWMA Buy-In Fee			135	135	135	135	135	135	135	135	135	135	135
	USBR Planning Grant (Project 7509)			56										
	Proceeds of SRF Loan for Effluent Contact Channel (Project 7641)				3,100									
	SWRCB Construction Grant for Recycled Water Treatment and Distribution Facilities (assumes 25% of construction cost) (Project 7507)				2,100									
	Title XVI Grant (US Bureau of Reclamation) for Recycled Water Treatment and Distribution Facilities (25% of construction cost) (Project 7507)				2,100									
	Proceeds of SRF Loan for Recycled Water Project (Project 7507)				5,700									
	CalRecycle Grant for W. Winton Landfill Project (Project 7504)			225										
	Sale of Conservation Easement to EBRPD			211										
	PG&E Grant for Solar Project (assumes 2 million kWh @ $0.19/kWh for 5 years) (Project 7505)			250	500	490	480	470	230					
	PG&E Grant for Solar Project Phase II (assumes 2.3 kWh @ $0.088/kWh for 5 years) (Project 7530)					200	200	200	200	200				
	Loan from Water System Improvement Fund 622 for Solar Project Phase II (Project 7530)				2,000									
	PG&E Rebate for Co-Generation Project (assumes 1400KW Fuel Cells at $4.50/KW for 1st 1000KW and $2.25/KW for over 1000KW, with $5M limit) (Project 7508)						2,500	500	500	500	500	500		
	REVENUE SUBTOTAL:			3,153	17,653	5,846	7,372	5,403	3,197	2,974	2,778	2,770	2,189	2,188
	TRANSFERS IN FROM:													
	Fund 725 for CAD/RMS Replacement Loan ($2.25 million)		467	413	405	398	390	382						
	Wastewater Operating Fund 612 for Co-Generation System (Project 7508)			2,000										
	WPCF Repl Fund 616 for 50% of City Cost of Co-Generation ($12.5 million less $5 million grant; assumes fuel cells)			3,750										
	Water Improvement Fund 622 for 50% of Recycled Water Debt Service (Project 7507)					185	185	185	185	185	185	185	185	185
	WPCF Replacement Fund 616 for 25% of New Final Clarifier											1,975		
	TRANSFERS SUBTOTAL:			6,163	405	583	575	567	185	185	185	2,160	185	185
	REVENUE TOTALS:			9,316	18,058	6,429	7,947	5,970	3,382	3,159	2,963	4,930	2,374	2,373
	BEGINNING FUND BALANCE:			15,183	3,680	1,897	2,491	3,508	6,548	7,000	7,229	7,262	1,862	1,806
	ENDING FUND BALANCE:			3,680	1,897	2,491	3,508	6,548	7,000	7,229	7,262	1,862	1,806	1,749

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

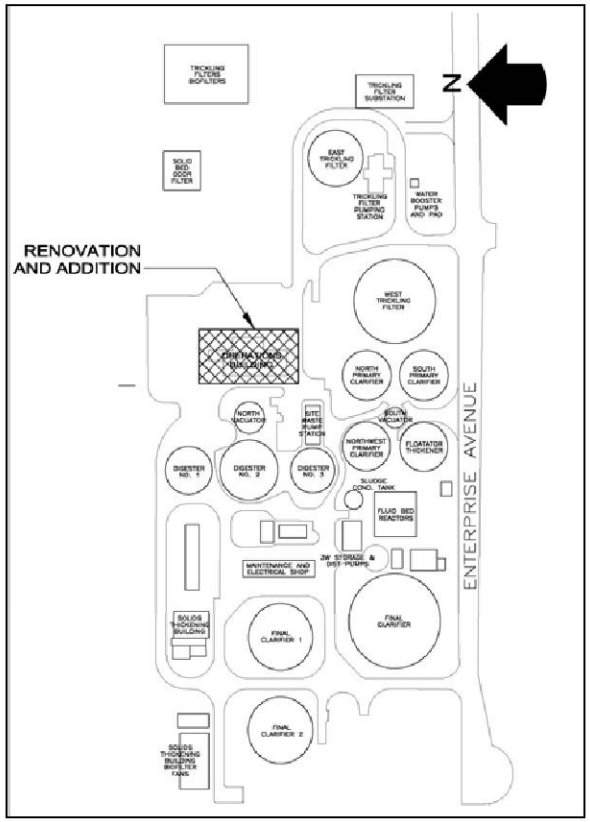
CATEGORY: Sewer System

Project Title: WPCF Administration Building Renovation and Addition
Project No.: 7506
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	500	2,000										2,500
Reimbursements													
Net Cost to Fund	0	500	2,000										2,500



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:

Added $500,000 to project to reflect current cost estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Recycled Water Treatment and Distribution Facilities
Project No.: 7507
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	2,600	7,300										9,900
Reimbursements			(9,900)										(9,900)
Net Cost to Fund	0	2,600	(2,600)										0

DESCRIPTION:

The City is preparing a Recycled Water Facilities Plan. 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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

SWRCB Construction Grant	2,100
Title XVI Grant	2,100
SRF Loan	5,700

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

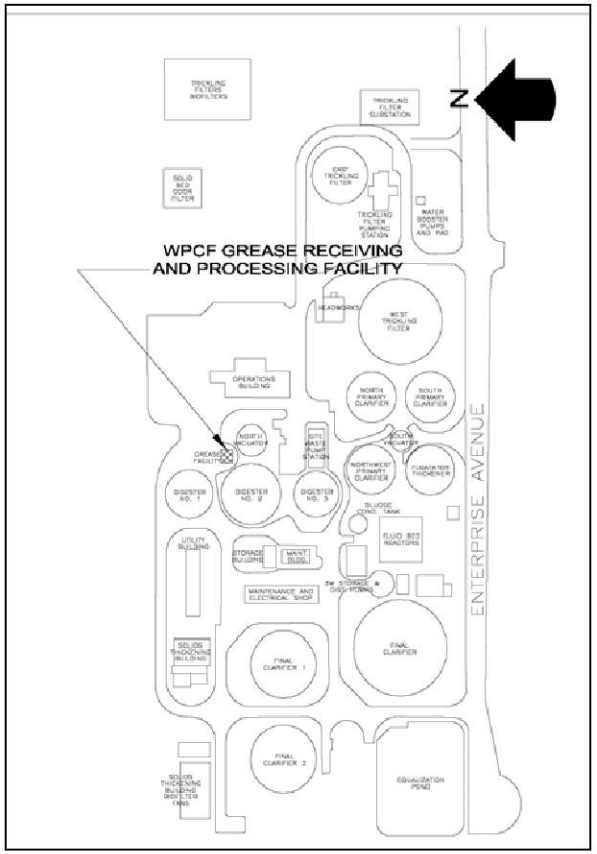
CATEGORY: Sewer System

Project Title: WPCF Grease Receiving and Processing Facility
Project No.: 7511
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	70	600	100										770
Reimbursements													
Net Cost to Fund	70	600	100										770



DESCRIPTION:

A facility will be designed to receive and process grease-related wastes that will be trucked to the WPCF. The wastes will be introduced into the digesters which will result in an increase in digester gas production.

JUSTIFICATION:

The net result of the processes at this facility will be an increase to co-generation.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $270,000 to project due to more current cost estimate.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Sewer Collection System Flow Monitoring & Master Plan Update
Project No.: 7522
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	100	300										400
Reimbursements													
Net Cost to Fund	0	100	300										400

MAP NOT APPROPRIATE

DESCRIPTION:

Phase I will primarily consist of developing and implementing a flow monitoring plan. The second phase will consist of reviewing existing and planned development to determine what, if any, improvements are needed in the collection system.

JUSTIFICATION:

The last complete Sewer Collection System Master Plan was prepared in 2002. A number of the recommendations in the 2002 Master Plan have been implemented or are included in the CIP. It will be beneficial to update the Master Plan in 2012.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

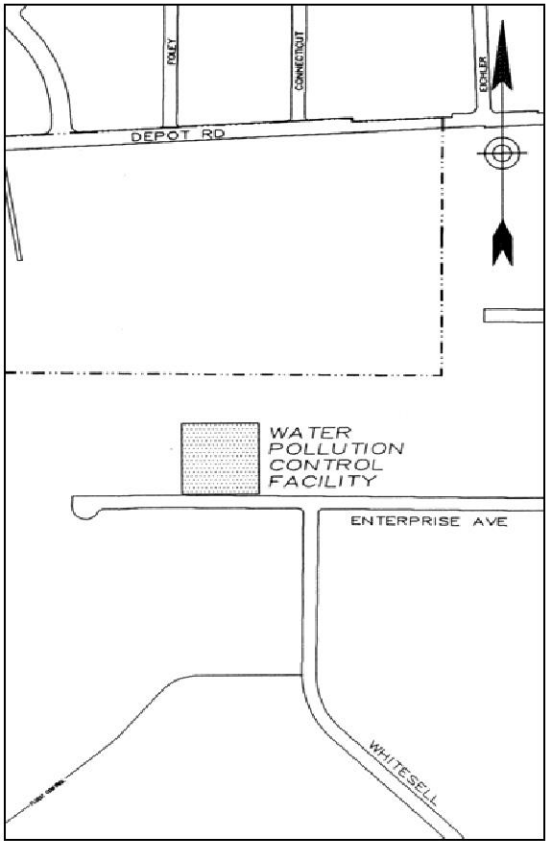
CATEGORY: Landscape

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	49	12	15										76
Reimbursements													
Net Cost to Fund	49	12	15										76



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 $15,000 to project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

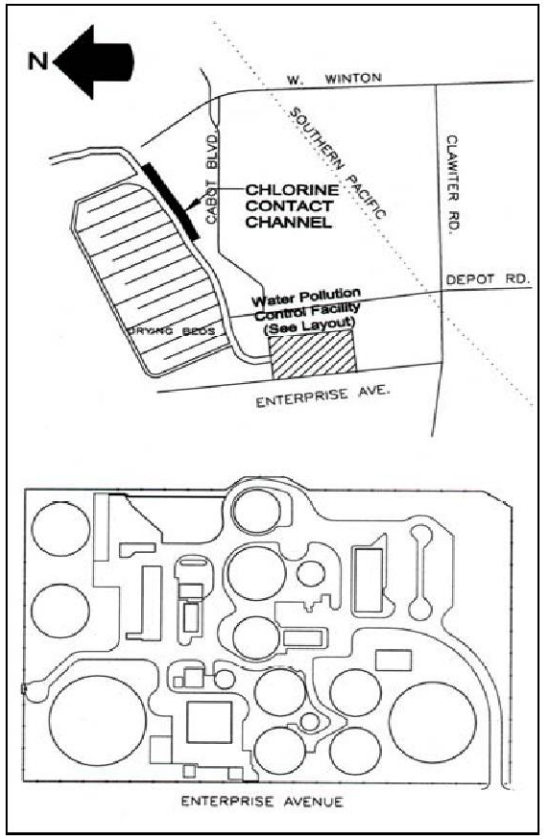
CATEGORY: Sewer System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	700	2,400										3,100
Reimbursements			(3,100)										(3,100)
Net Cost to Fund	0	700	(700)										0



DESCRIPTION:

Effluent is now conveyed through an open channel, 5,325 feet in length, to the EBDA pump station. The second portion, or 40% of this channel lies between the chlorination station and EBDA and will convey chlorinated effluent.

JUSTIFICATION:

Earthen channel slopes have been degrading with time and are an ongoing maintenance cost and concern. Also, during high flows, solids are re-suspended and have the potential of causing the discharge limit for suspended solids to be exceeded.

REIMBURSEMENTS:
SRF Loan 3,100

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	17	15	15	15	15	15	15	15	15	15	15	167
Reimbursements													
Net Cost to Fund	N/A	17	15	15	15	15	15	15	15	15	15	15	167

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 in FY21 & FY22.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: GIS Conversion/Migration (Sewer System Share)
Project No.: 7514
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	150										150
Reimbursements													
Net Cost to Fund	0	0	150										150

MAP NOT APPROPRIATE

DESCRIPTION:

This project will convert and migrate all the water and sewer data into a GIS geodatabase or databases that are compatible with Autocad and GIS & develop a workflow for updating the data.

JUSTIFICATION:

This project will provide more and better data to the City's intranet GIS and asset management systems.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Solar Power Design and Construction Phase II - 1 MW
Project No.: 7530
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	5,300										5,300
Reimbursements			(3,000)										(3,000)
Net Cost to Fund	0	0	2,300										2,300

DESCRIPTION:

This project will enlarge the existing 1 megawatt solar field by an additional 1 megawatt power capacity.

JUSTIFICATION:

The solar system will offset commercial energy now purchased from PG&E, and, during peak production, the City will sell energy to PG&E (net energy metering).

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PG&E Grant	1,000
Loan from Fund 622	2,000

PROJECT MODIFICATIONS:

Added $5,150,000 to project due to the inclusion of all estimated construction costs.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

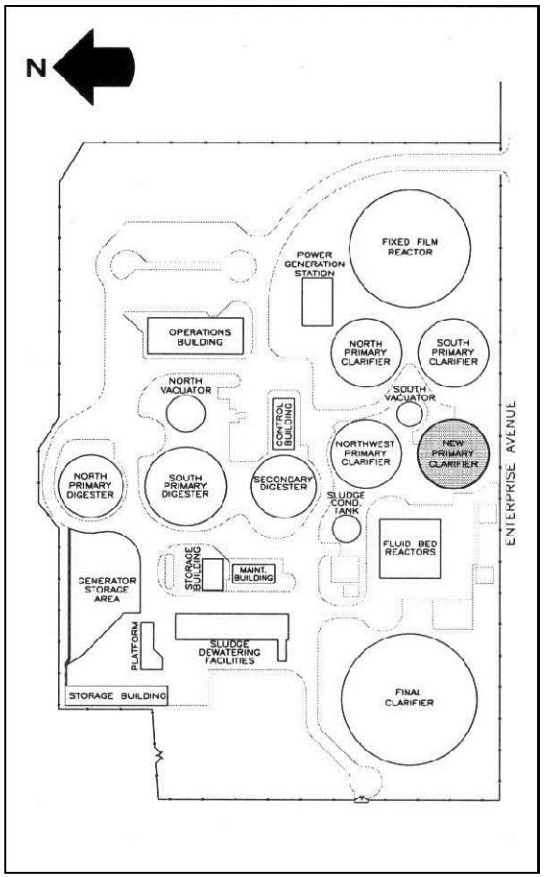
CATEGORY: Sewer System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	400	2,030									2,430
Reimbursements													
Net Cost to Fund	0	0	400	2,030									2,430



DESCRIPTION:

The existing gravity thickener would be converted into the fourth primary clarifier.

JUSTIFICATION:

Existing primary clarification surface area is inadequate for future peak wet weather flows. Without a new, fourth primary clarifier, the surface overflow rate at peak flow would cause the clarifiers to wash out.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Utilities Laboratory Information Mgmt & Data Entry
Project No.: To Be Determined
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	40										40
Reimbursements													
Net Cost to Fund	0	0	40										40

DESCRIPTION:

The water and wastewater data management software secures data collection, streamlines reporting, provides user-defined alerts, as well as powerful charting, graphing and mapping tools.

JUSTIFICATION:

This program is ideal for managing and reporting data to the EPA, State, and other regulatory agencies.

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 FY13 - FY22

CATEGORY: Sewer System

Project Title: Energy Management at WPCF
Project No.: To Be Determined
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

MAP NOT APPROPRIATE

DESCRIPTION:

This project would review the total energy generation at the WPCF from solar photovoltaic and from cogeneration using biogas, as well as review the PG&E, CPUC, and state regulations regarding energy export.

JUSTIFICATION:

This review would allow the City to determine the most beneficial manner for the City to utilize or distribute its generated energy.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

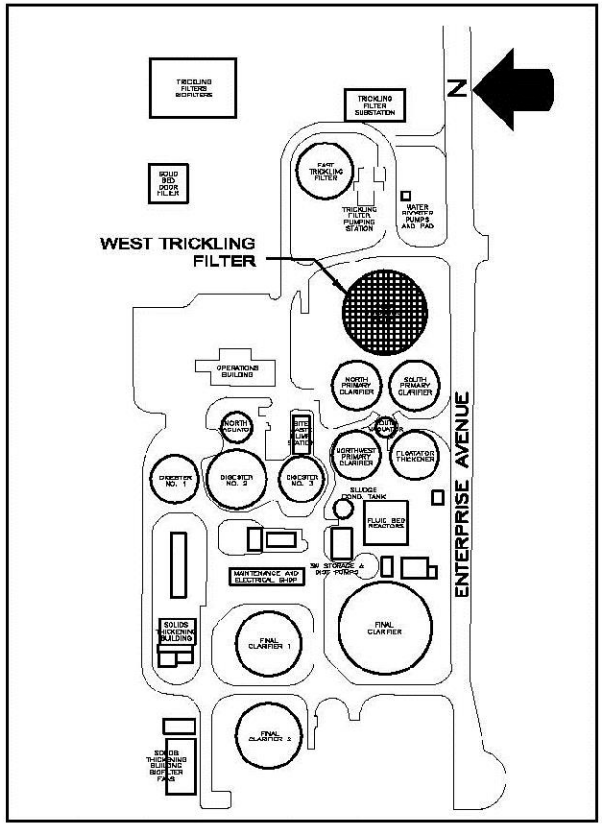
CATEGORY: Sewer System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	25	375									400
Reimbursements													
Net Cost to Fund	0	0	25	375									400



DESCRIPTION:

This project will complete the construction of the eastern half of the trickling filter biofilter. Work will include fan/housing, electrical, conveyance and distribution piping, geomembrane, bio-media, and appurtenant features as shown on the bid drawings for WPCF Improvements Phase I.

JUSTIFICATION:

This portion of the biofilter bed will receive and scrub foul air taken from the west trickling filter.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

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

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	500	4,000								4,500
Reimbursements													
Net Cost to Fund	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 FY13 - FY22

CATEGORY: Sewer System

Project Title: New Final Clarifier
Project No.: To Be Determined
Fund 613 - Sewer Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	7,900			7,900
Reimbursements										(1,975)			(1,975)
Net Cost to Fund	0	0	0	0	0	0	0	0	0	5,925			5,925

DESCRIPTION:

A feasibility study would look at the economics, environmental impacts, and available technology to determine if photovoltaic technology for electric energy generation should be developed at the WPCF to offset commercial power demands and/or sell electric power to PG&E.

JUSTIFICATION:

This project would further efforts at the WWTP to improve energy efficiency and increase the use of green technology.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

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Sewer Collection System Replacement Fund - Fund 614

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7531	Asset Management Plan	100	0	100										
7532	Sewer Main Relocations at 92/880 Interchange	209	202	7										
	Caltrans Reimbursement	*209*	*202*	*7*										
7536	Annual Line Replacements FY12	300	0	300										
7540	Wastewater Discharge Local Limits Study	100	0	100										
7547	Sewer Replacement at Linden Street, Madrone Street, and Beech Street Easement Areas	300	42	258										
7554	Annual Line Replacements FY10	300	92	208										
7557	Annual Line Replacements FY11	300	15	285										
7541	Install Stormwater Trash Capture Device	250	0	15	235									
	Cal Beverage Container Recycling & Litter Reduction Funds	*113*		*113*										
	SF Estuary Project Grant	*137*	*0*		*137*									
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
TBD	Stormwater Trash Capture Device - Phase II	150	0	0	150									
	Cal Beverage Container Recycling & Litter Reduction Funds				*150*									
TBD	Valle Vista Sewer Force Main Reliability Alternatives Study	200	0	0	200									
TBD	Centex Sewer Lift Station Upgrade	300	0	0	300									
TBD	Annual Line Replacements FY13	800	0	0	800									
TBD	Sewer Spot Repairs at Various Easement Areas	600	0	0	30	570								
TBD	Valle Vista Sewer Force Main Inspection, Cleaning and Repair	400	0	0	200	200								
TBD	Easement Sewer Main Inspection, Cleaning and Repair	600	0	0	300	300								
TBD	Sewer Collection System Master Plan Recommendations	2,000	0	0	0	500	500	500	500					
TBD	Annual Line Replacements FY14 - FY22	10,200	0	0	0	600	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
TBD	Valle Vista Submersible Pump Repl and Wet Well Rehabilitation	400	0	0	0	0	0	0	400					
TBD	SCADA System Evaluation and Upgrade	300	0	0	0	0	0	0	0	300				
TBD	Linden and Halifax Lift Station Backup Generator Replacement	350	0	0	0	0	350							
TBD	Tennyson Lift Station Submersible Pump Repl and Wet Well Rehab	350	0	0	0	0	0	0	0	0	0	350		

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Sewer Collection System Replacement Fund - Fund 614

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			1,403	2,345	2,300	2,180	1,830	2,230	1,630	1,330	1,680	1,330	1,330
	TOTAL EXPENDITURES			1,403	2,345	2,300	2,180	1,830	2,230	1,630	1,330	1,680	1,330	1,330
	REVENUES:													
	Interest			183	56	45	68	53	38	24	19	20	11	8
	Reimbursement (Project 7532)			7										
	Transfer from Fund 213 (Cal Beverage Container Recycling & Litter Reduction Grant) (Project 7541 and new Trash Capture Project)			113	150									
	SF Estuary Project Grant (Project 7541)				137									
	REVENUE SUBTOTAL:			303	343	45	68	53	38	24	19	20	11	8
	TRANSFERS IN FROM:													
	Fund 611 (Sewer Revenue Fund)			1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
	TRANSFERS SUBTOTAL:			1,000	1,000	1,000	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
	REVENUE TOTALS:			1,303	1,343	1,045	1,268	1,253	1,238	1,224	1,219	1,220	1,211	1,208
	BEGINNING FUND BALANCE:			6,251	6,151	5,149	3,894	2,982	2,405	1,413	1,007	896	436	317
	ENDING FUND BALANCE:			6,151	5,149	3,894	2,982	2,405	1,413	1,007	896	436	317	195

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Install Stormwater Trash Capture Device
Project No.: 7541
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	15	235										250
Reimbursements			(250)										(250)
Net Cost to Fund	0	15	(15)										0

DESCRIPTION:

This project will install a trash capture device near the intersection of Tennyson Road and Tyrrell Avenue to treat stormwater from about 146 acres of land.

JUSTIFICATION:

The Regional Water Quality Control Board requires local agencies and cities to install full trash capture devices to treat stormwater runoff from an area equivalent to 30% of retail/wholesale land of 218 acres by 2014.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Cal Beverage Container Recycling & Litter Reduction Funds	113
SF Estuary Project Grant	137

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of $15,000 was added each in FY21 & FY22 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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 in FY21 & FY22 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of $15,000 was added each in FY21 & FY22 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Stormwater Trash Capture Device - Phase II
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	150										150
Reimbursements			(150)										(150)
Net Cost to Fund	0	0	0										0

DESCRIPTION:

A previous project allowed for the installation of a trash capture at the intersection of Tennyson and Tyrrell that met about 67% of the Water Board requirements. This project will install a second trash capture device to fulfill the remainder of the State mandate for stormwater treatment prior to July 1, 2014.

JUSTIFICATION:

The Regional Water Quality Control Board requires local agencies and cities to install full trash capture devices to treat stormwater runoff from an area equivalent to 30% of retail/wholesale land of 218 acres by 2014.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Cal Beverage Container Recycling & Litter Reduction Funds 150

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Valle Vista Sewer Force Main Reliability Alternatives Study
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

DESCRIPTION:

This project would examine alternatives for providing redundancy and increasing reliability for the Valle Vista sewer force main.

JUSTIFICATION:

Currently, no backup system exists for this force main, which was installed in 1966 and damaged by a contractor in 2006.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

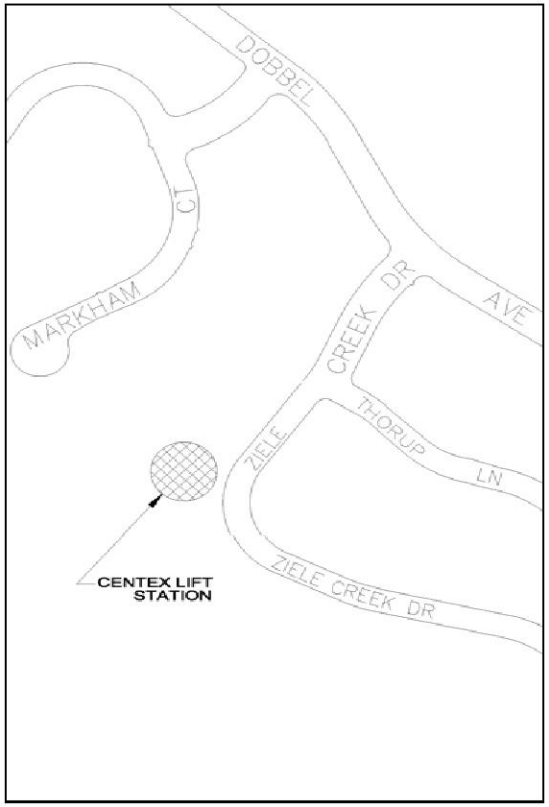
CATEGORY: Sewer System

Project Title: Centex Sewer Lift Station Upgrade
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	300										300
Reimbursements													
Net Cost to Fund	0	0	300										300



DESCRIPTION:

This project would replace pumps with submersible Flygt pumps, as well as upgrade MCC and controls.

JUSTIFICATION:

The existing pumps are in need of replacement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Annual Line Replacements FY13
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	800										800
Reimbursements													
Net Cost to Fund	0	0	800										800

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Sewer Spot Repairs at Various Easement Areas
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	30	570									600
Reimbursements													
Net Cost to Fund	0	0	30	570									600

DESCRIPTION:

This project consists of performing sewer spot repair by replacing approximately 800 feet of existing damaged sewer pipe with new PVC pipe.

JUSTIFICATION:

The repairs will improve the hydraulic capacity and reliability of the sewer system to carry the flow from existing homes and developments.

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 FY13 - FY22

CATEGORY: Sewer System

Project Title: Valle vista Sewer Force Main Inspection, Cleaning and Repair
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200	200									400
Reimbursements													
Net Cost to Fund	0	0	200	200									400

DESCRIPTION:

This project would inspect, clean and repair (as necessary) the 27-inch Valle Vista sewer force main.

JUSTIFICATION:

Ongoing maintenance at this force main is critical, as it was damaged by a contractor in 2006.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Easement Sewer Main Inspection, Cleaning and Repair Project
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	300	300									600
Reimbursements													
Net Cost to Fund	0	0	300	300									600

DESCRIPTION:

Inspect, clean and repair (as necessary) the Ward Creek, Whitman, and Tiegan easement sewer mains.

JUSTIFICATION:

The above noted easement sewer mains all have limited access and have not been inspected or cleaned.

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 FY13 - FY22

CATEGORY: Sewer System

Project Title: Sewer Collection System Master Plan Recommendations
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	500	500	500	500						2,000
Reimbursements													
Net Cost to Fund	0	0	0	500	500	500	500						2,000

MAP NOT APPROPRIATE

DESCRIPTION:

It is anticipated that the Sewer Collection System Master Plan, scheduled to be completed in 2012, 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 sewer collection system.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced project by $500,000.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Annual Line Replacements - FY14-FY22
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	600	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	10,200
Reimbursements													
Net Cost to Fund	0	0	0	600	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	10,200

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $1,200,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

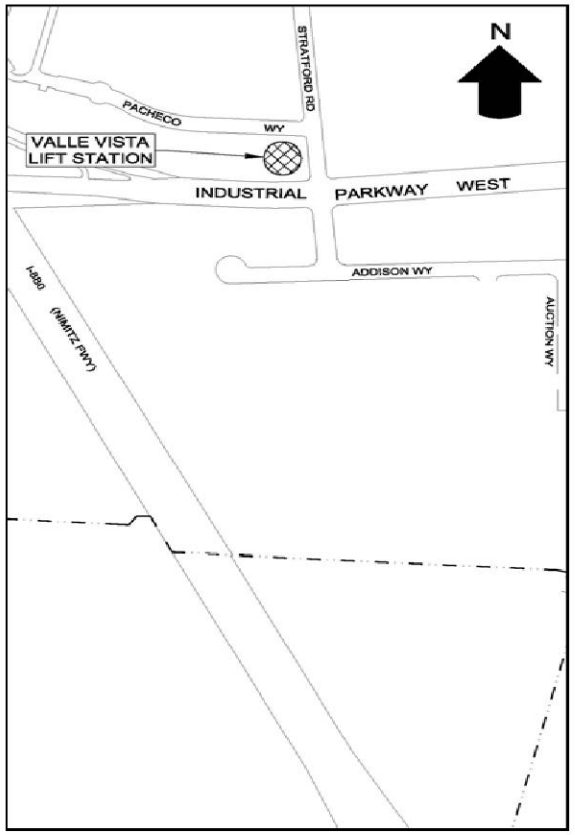
CATEGORY: Sewer System

Project Title: Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	400						400
Reimbursements													
Net Cost to Fund	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 FY13 - FY22

CATEGORY: Equipment

Project Title: SCADA System Evaluation and Upgrade
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	300					300
Reimbursements													
Net Cost to Fund	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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

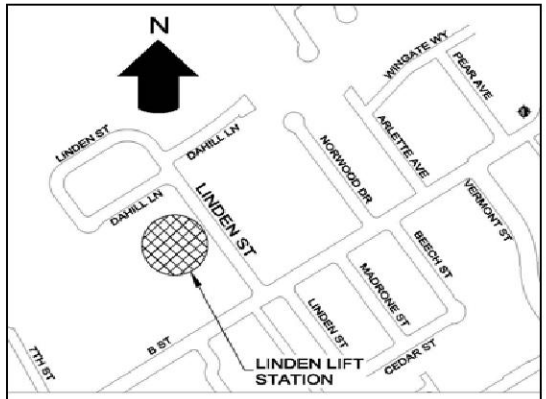
CATEGORY: Sewer System

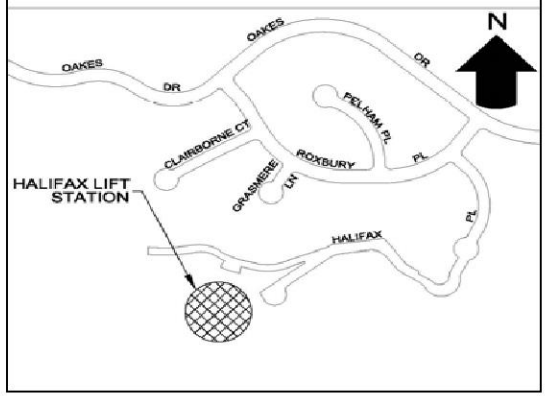
Project Title: Linden and Halifax Lift Station Generator Replacement
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	350								350
Reimbursements													
Net Cost to Fund	0	0	0	0	350								350





DESCRIPTION:

This project will replace emergency generators located at the Halifax and Linden sewer lift stations.

JUSTIFICATION:

The existing generators, which were installed in 1991 and 1996, 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 FY13 - FY22

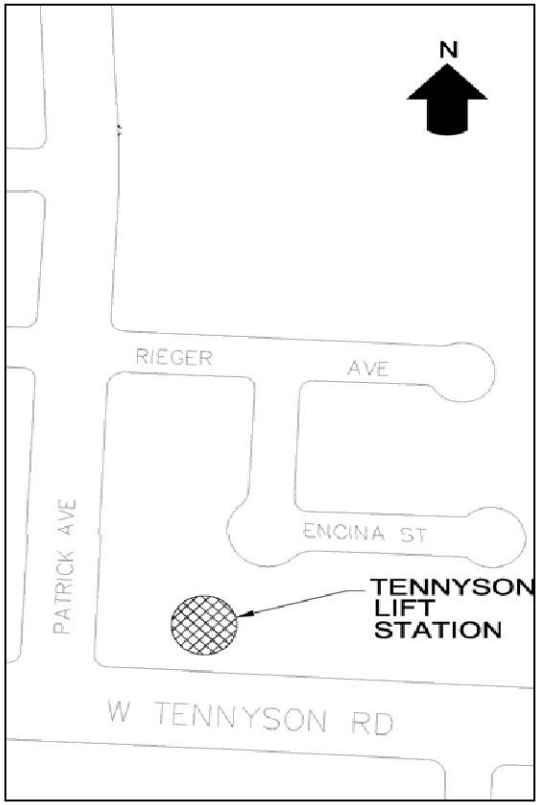
CATEGORY: Sewer System

Project Title: Tennyson Lift Station Submersible Pump Replacement and Wet Well Rehabilitation
Project No.: To Be Determined
Fund 614 - Sewer Collection System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	350			350
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	350			350



DESCRIPTION:

This project will replace three 35 horsepower submersible pumps and also evaluate the condition of the wet well T-lock and repair and replace as needed.

JUSTIFICATION:

The 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

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Water Pollution Control Replacement Fund - Fund 616

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7642	Headworks Hydraulic Valve Actuator and Shaft Replacement	150	0	150										
7646	Primary Clarifiers Rehabilitation	320	90	230										
7661	Hypochlorite Station Electrical Rehabilitation	70	13	57										
7663	Headworks Ventilation Modifications	150	2	148										
7665	Solids Contact Tank Grounds Improvement	70	32	38										
7640	Enclose Effluent Channel	5,100	0	500	4,600									
	SRF Loan	*5,100*			*5,100*									
7654	Levee Road and Effluent Channel Repair	500	126	224	150									
7651	Co-Generation System - Alternative & Implementation	645	324	250	50	21								
7664	UST Cleanup and Closure at Maintenance Building	255	26	114	45	35	35							
7516	EBDA Outfall Replacement Payment	1,100	N/A	100	100	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
7639	West Trickling Filter Replacement	6,800	0	0	6,800									
7643	Digester Feed Valve Automation	75	0	0	75									
7647	Plant Exterior Buildings Painting	200	0	0	200									
7648	Seismic Retrofit Miscellaneous Plant Buildings	375	5	0	370									
7660	Headworks Wetwell Concrete Evaluation, Repair & Interior Coating	250	2	0	248									
7662	Flow Equalization Pond Evaluation, Expansion and Lining Rehab	500	0	0	0	500								
7656	Main 480V MCC Electrical Distribution Repairs	1,225	0	0	0	0	0	0	0	0	0	50	1,175	
TBD	SCADA Computer Node and Server Upgrade	60	0	0	60									
TBD	Degritter Rehabilitation	175	0	0	175									
TBD	Northwest Primary Clarifier Rehabilitation	230	0	0	230									
TBD	South Vacuator Coating and Rehabilitation	250	0	0	250									
TBD	12kV Plant MCC and Underground Wiring Insp/Repair	25	0	0	0	25								
TBD	Equalization Pond Diversion Valve Replacement	100	0	0	0	100								
TBD	Digester #1 Cleaning	150	0	0	0	150								
TBD	WPCF Master Plan Recommended Projects	6,000	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000			
	Fund 613	*3,000*				*500*	*500*	*500*	*500*	*500*	*500*			
TBD	Digester #2 Cleaning	150	0	0	0	0	150							
TBD	WPCF Access Roads Rehabilitation	500	0	0	0	0	0	0	500					
TBD	Digester #2 Cleaning and Dome Rehabilitation	500	0	0	0	0	0	0	0	500				
TBD	Digester #1 Cleaning and Dome Rehabilitation	500	0	0	0	0	0	0	0	0	500			
TBD	Gravity Belt Thickener Rebuilding	500	0	0	0	0	0	0	0	0	500			
TBD	SCADA System Evaluation and Upgrade	500	0	0	0	0	0	0	0	0	0	500		

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WATER POLLUTION CONTROL REPLACEMENT FUND - FUND 616

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			2,126	13,668	2,246	1,600	1,415	1,915	1,915	2,415	965	1,590	415
	Retirement of Debt Service - 2007 Sewer System debt refunding through FY16	7,923	6,073	370	370	370	370	370						
	Transfer to Fund 613 for 50% of City Cost of Co-Generation (50% of $12.5 less $5,000 PG&E grant; assumes fuel cells) (Project 7508 in Fund 613)			3,750										
	Retirement of Debt Service - SRF Loan for Enclosure of Effluent Channel ($5.1 million @ 2.5% for 20 years through 2032) (Project 7640)	2,970		0	0	330	330	330	330	330	330	330	330	330
	Transfer to Fund 613 for 25% of New Final Clarifier Cost			0	0	0	0	0	0	0	0	1,975		
	TOTAL EXPENDITURES			6,246	14,038	2,946	2,300	2,115	2,245	2,245	2,745	3,270	1,920	745
	REVENUES:													
	Interest			336	66	30	60	72	83	94	100	136	129	159
	Proceeds from SRF Loan for Enclosure of Effluent Channel (Project 7640)				5,100									
	REVENUE SUBTOTAL:			336	5,166	30	60	72	83	94	100	136	129	159
	TRANSFERS IN FROM:													
	Fund 611 (Sewer Revenue Fund)			2,000	2,000	2,000	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	Fund 613 for WPCF Master Plan Projects					500	500	500	500	500	500			
	TRANSFERS SUBTOTAL:			2,000	2,000	2,500	2,700	2,700	2,700	2,700	2,700	2,200	2,200	2,200
	REVENUE TOTALS:			2,336	7,166	2,530	2,760	2,772	2,783	2,794	2,800	2,336	2,329	2,359
	BEGINNING FUND BALANCE:			14,022	10,112	3,240	2,824	3,284	3,941	4,479	5,028	5,083	4,149	4,558
	ENDING FUND BALANCE:			10,112	3,240	2,824	3,284	3,941	4,479	5,028	5,083	4,149	4,558	6,172

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

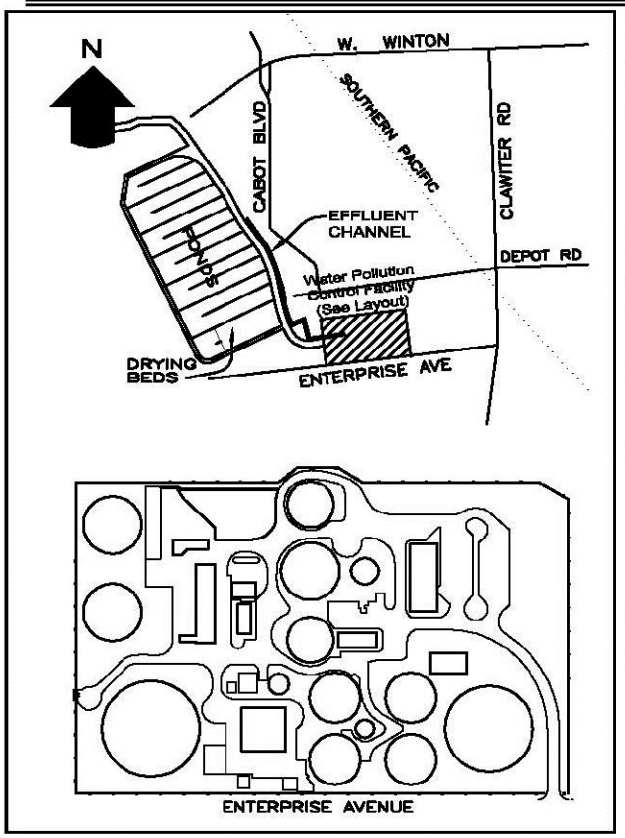
CATEGORY: Sewer System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	500	4,600										5,100
Reimbursements													
Net Cost to Fund	0	500	4,600										5,100



DESCRIPTION:

Effluent is now conveyed through an open channel, 5,325 feet in length, to the EBDA pump station. About 60% of this distance, prior to the chlorination station, will contain non-chlorinated, or raw, effluent.

JUSTIFICATION:

Earthen channel slopes have been degrading with time and are an ongoing maintenance cost and concern. Also, during high flows, solids are re-suspended and have the potential of causing the discharge limit for suspended solids to be exceeded.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

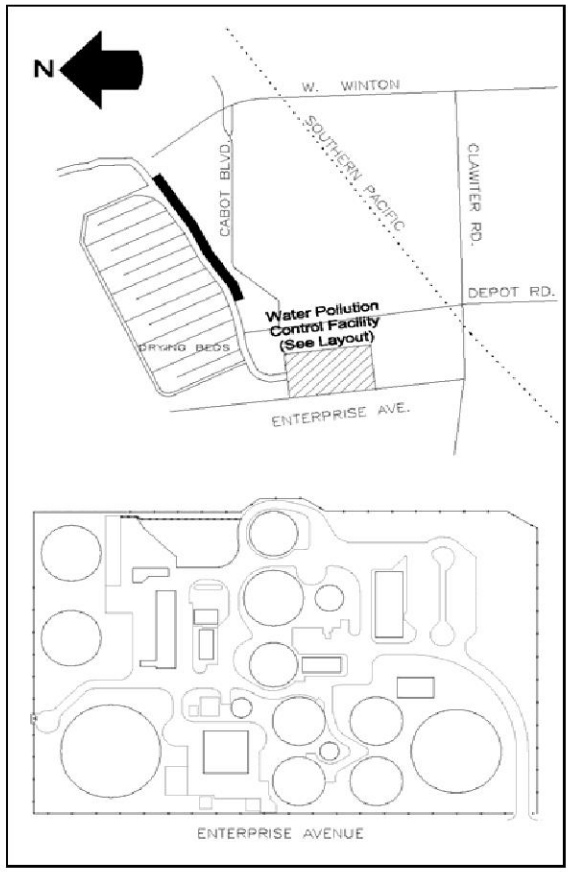
CATEGORY: Sewer System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	126	224	150										500
Reimbursements													
Net Cost to Fund	126	224	150										500



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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	324	250	50	21									645
Reimbursements													
Net Cost to Fund	324	250	50	21									645

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by $245,000 to allow for project-related consulting services.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

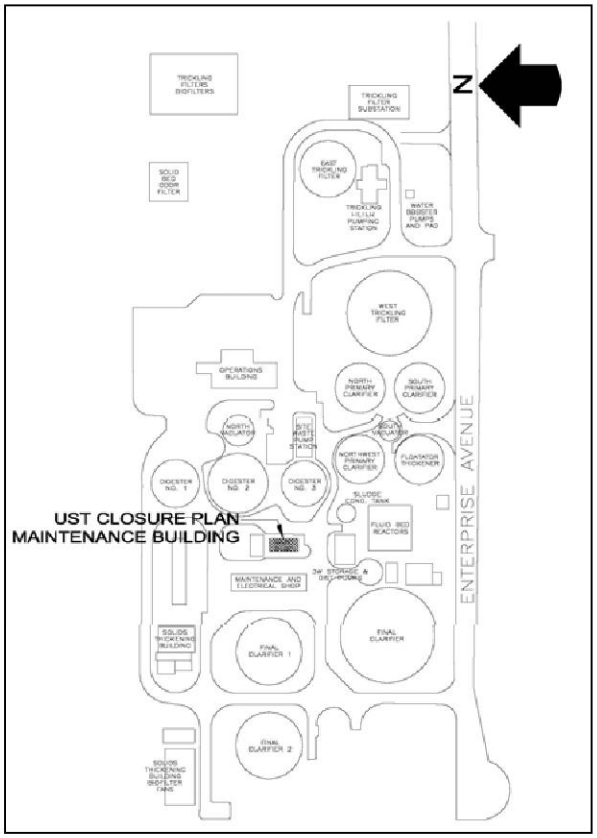
CATEGORY: Sewer System

Project Title: UST Cleanup and Closure at Maintenance Building
Project No.: 7664
Fund 616 - Water Pollution Control Facility Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	26	114	45	35	35								255
Reimbursements													
Net Cost to Fund	26	114	45	35	35								255



DESCRIPTION:

This project would require consultant assistance to install 5 monitoring wells, prepare a remediation plan, construct and operate a remediation system, monitor the groundwater following cleanup, and close the site.

JUSTIFICATION:

An underground fuel storage tank, previously used for dispensing fuel at the WPCF and since removed, is responsible for high concentrations of petroleum hydrocarbons in soil and groundwater samples.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $100,000 each in FY21 & FY22 to continue to pay Hayward's share of the outfall replacement fund.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $300,000 each in FY21 & FY22 to continue this program.

OPERATING BUDGET IMPACTS:

This project reduces maintenance and operations costs.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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 in FY21 & FY22 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

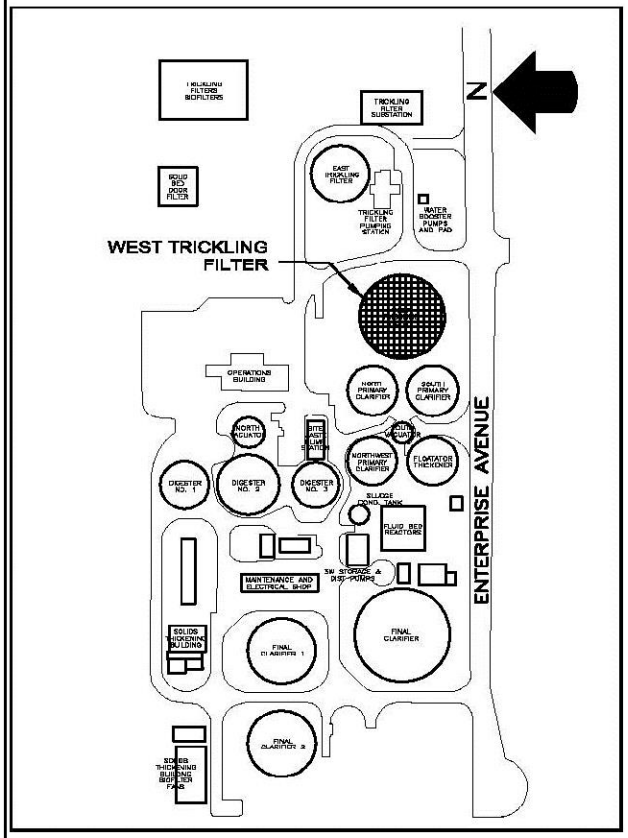
CATEGORY: Sewer System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	6,800										6,800
Reimbursements													
Net Cost to Fund	0	0	6,800										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 (WTF) structurally does not meet modern building codes, including seismic considerations. Furthermore, the media contained within the structure is inefficient by today's standards. In addition, providing a roof for the WTF will provide for off-gas capture to allow odor abatement.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: Digester Feed Valve Automation
Project No.: 7643
Fund 616 - Water Pollution Control Facility Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	75										75
Reimbursements													
Net Cost to Fund	0	0	75										75

DESCRIPTION:

This project will provide optimum digester performance through accurately step feeding individual digesters sludge and fat, oil and grease injection, sludge, and vacuator scum. The installation of automated (PLC based) sludge feed valves to the 3 digesters will optimize the digestion process.

JUSTIFICATION:

Volatile organics fed to digesters is key to effective solids digestion and optimal biogas production.

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 FY13 - FY22

CATEGORY: Sewer System

Project Title: Plant Exterior Buildings Painting
Project No.: 7647
Fund 616 - Water Pollution Control Facility Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

MAP NOT APPROPRIATE

DESCRIPTION:

The plant buildings and exterior equipment need to be painted with applicable coatings to prevent corrosion from occurring. This project will address nine buildings and four areas of equipment.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	5	0	370										375
Reimbursements													
Net Cost to Fund	5	0	370										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 FY13 - FY22

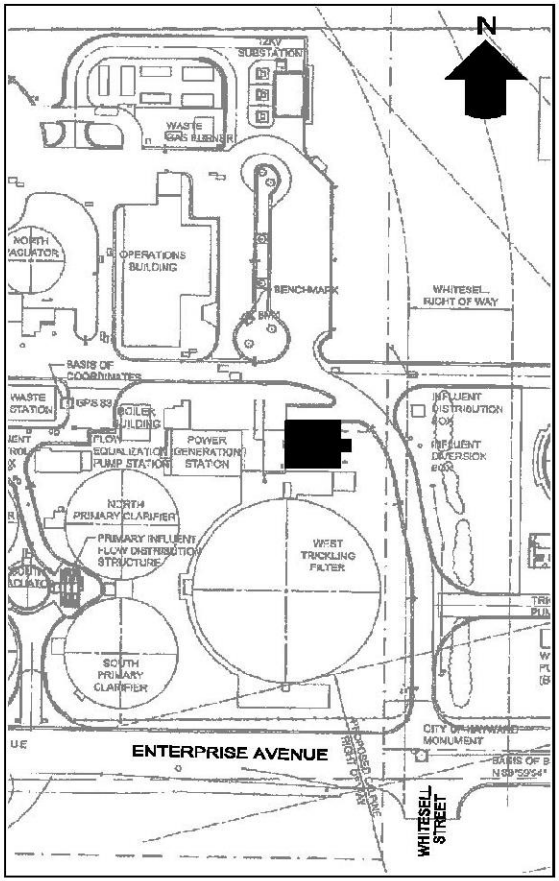
CATEGORY: Sewer System

Project Title: Headworks Interior (Wetside and Dryside) Painting
Project No.: 7660
Fund 616 - Water Pollution Control Facility Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	2	0	248										250
Reimbursements													
Net Cost to Fund	2	0	248										250



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:

Increased project cost by $100,000 as additional expense for inspection, evaluation, and repair of concrete in the wetside wetwell will be required prior to coating application.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

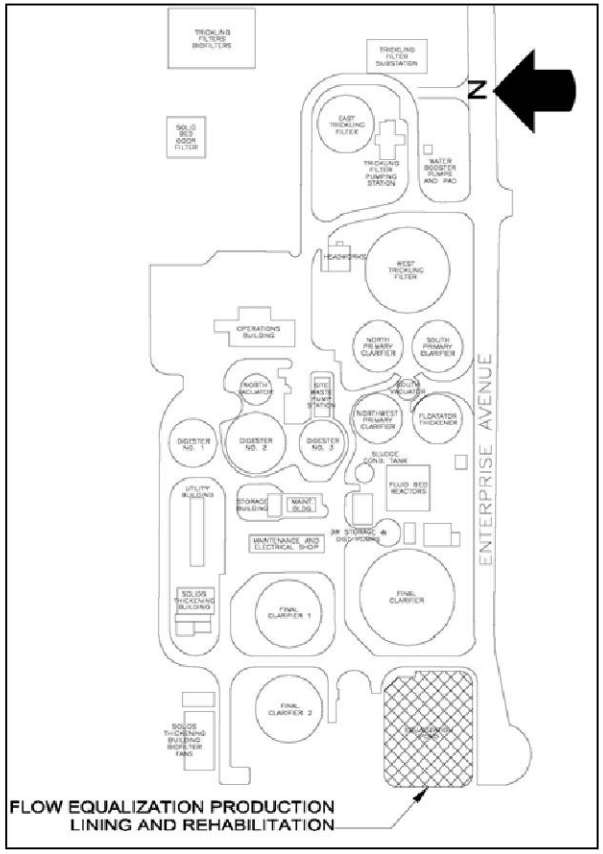
CATEGORY: Sewer System

Project Title: Flow Equalization Pond Lining and Rehabilitation
Project No.: 7662
Fund 616 - Water Pollution Control Facility Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	500									500
Reimbursements													
Net Cost to Fund	0	0	0	500									500



DESCRIPTION:

The flow equalization pond lining is in need of repair, and this project will restore the integrity of the lining.

JUSTIFICATION:

The pond was placed into service in the early 1980's and the lining was a mix of dirt and concrete. After numerous pond cleanings, the lining has broken apart in various locations and is allowing seepage of primary effluent below the pond.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased costs by $420,000 as the study resulted in better estimates for the scope of work needed to repair the pond lining.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	50	1,175		1,225
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	50	1,175		1,225

DESCRIPTION:

This project will prepare bid specifications and construct the recommended upgrades to the main switch board (MSB).

JUSTIFICATION:

An engineering evaluation has described and recommended repairs and upgrades to rehabilitate the MSB.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: SCADA Computer Node and Server Upgrade
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	60										60
Reimbursements													
Net Cost to Fund	0	0	60										60

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

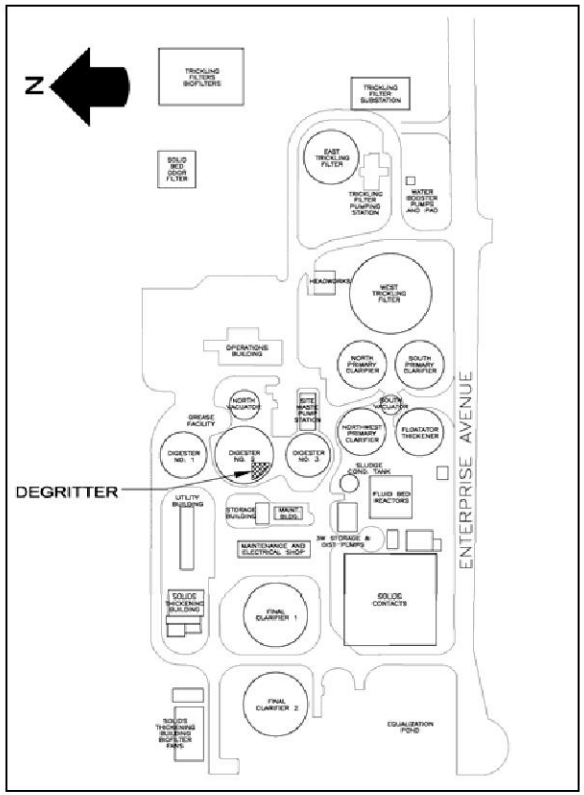
CATEGORY: Sewer System

Project Title: Degritter Rehabilitation Project
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	175										175
Reimbursements													
Net Cost to Fund	0	0	175										175



DESCRIPTION:

WPCF staff are reviewing replacement units for the degritter and grit conveyor.

JUSTIFICATION:

The degritter unit is located outdoors and is susceptible to extremely corrosive internal and external conditions.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

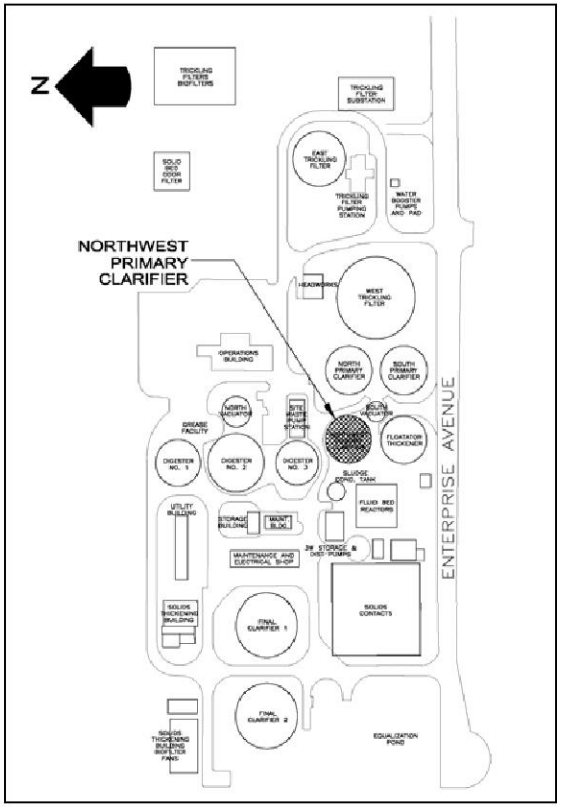
CATEGORY: Sewer System

Project Title: Northwest Primary Clarifier Rehabilitation Project
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	230										230
Reimbursements													
Net Cost to Fund	0	0	230										230



DESCRIPTION:

This project replaces the surface scum collector mechanism, repairs the bottom sludge collector mechanism, repairs and coats the concrete surfaces in the clarifier, and coats or replaces worn weirs.

JUSTIFICATION:

The surface collector mechanism is 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 FY13 - FY22

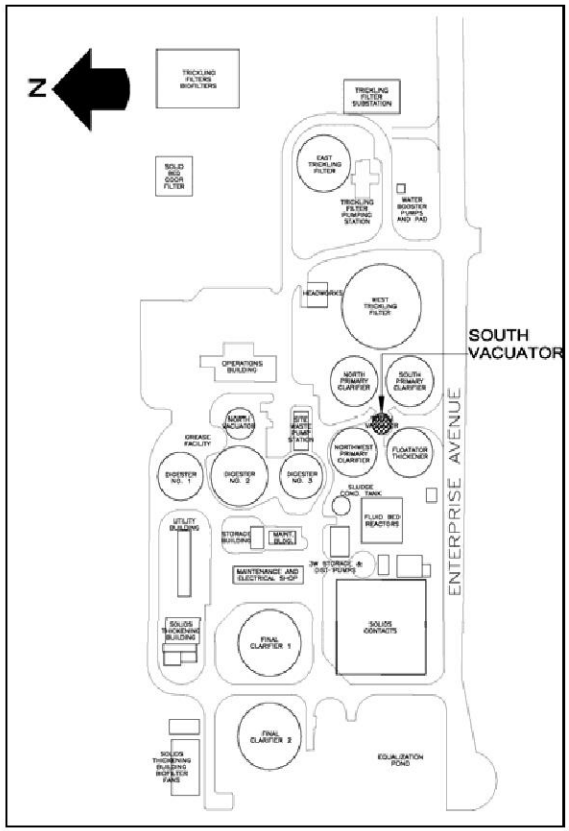
CATEGORY: Sewer System

Project Title: South Vacuator Coating and Rehabilitation Project
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	250										250
Reimbursements													
Net Cost to Fund	0	0	250										250



DESCRIPTION:

The project will coat the interior of the tank and repair/replace and coat the corroded metal collector mechanism.

JUSTIFICATION:

The South Vacuator has been in and out of service since 1953; the concrete tank and metal collector has been inspected and corrosion has been identified.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Sewer System

Project Title: 12kV Plant MCC and Underground Wiring Inspection and Minor Repair Project
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	25									25
Reimbursements													
Net Cost to Fund	0	0	0	25									25

DESCRIPTION:

All 12kV underground wiring and MCC electrical panels will be thoroughly inspected for safety and operational integrity, and repaired as needed.

JUSTIFICATION:

The 12kV system provides power to all areas of the Water Pollution Control Facility. 12kV is susceptible to corrosion and, in a deteriorated condition, electrical components can be dangerous.

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 FY13 - FY22

CATEGORY: Sewer System

Project Title: Equalization Pond Diversion Valve Replacement
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	100									100
Reimbursements													
Net Cost to Fund	0	0	0	100									100

MAP NOT APPROPRIATE

DESCRIPTION:

This project will replace the existing diversion valve with a new valve which is appropriate for the existing effluent flow control.

JUSTIFICATION:

The existing diversion valve, which was installed in 1982 as part of a treatment plant upgrade project, has limitations on its functionality.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

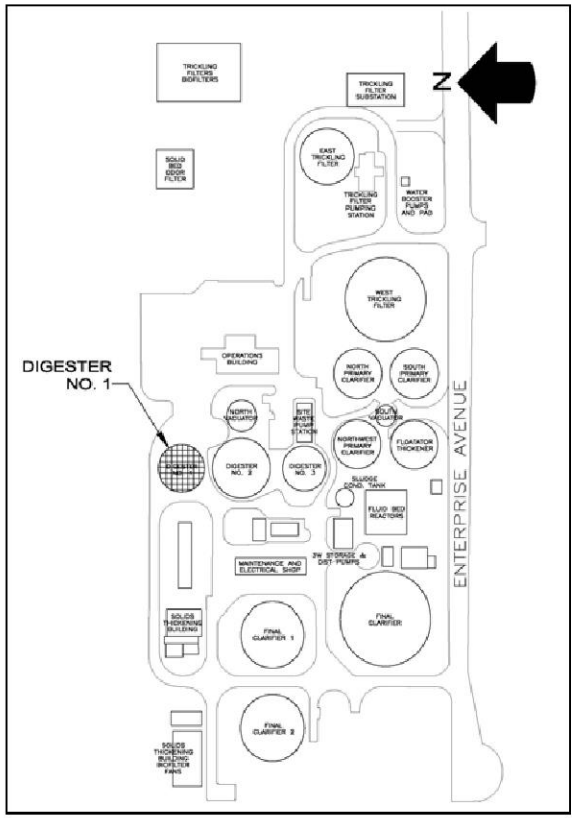
CATEGORY: Sewer System

Project Title: Digester #1 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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	150									150
Reimbursements													
Net Cost to Fund	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 FY13 - FY22

CATEGORY: Sewer System

Project Title: WPCF Master Plan Recommended Projects
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000				6,000
Reimbursements													
Net Cost to Fund	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000				6,000

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased funding by $1,000,000 by adding FY19 to the timeline for the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

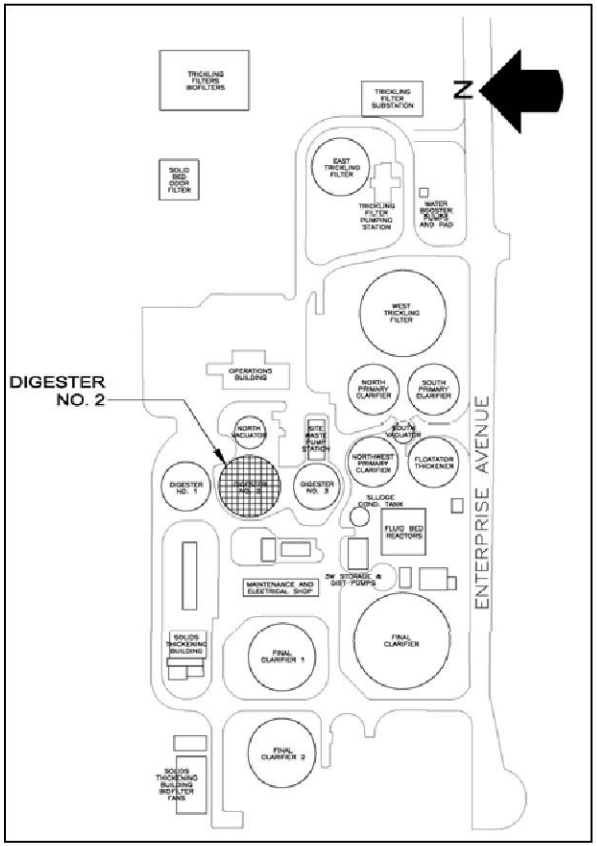
CATEGORY: Sewer System

Project Title: Digester #2 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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

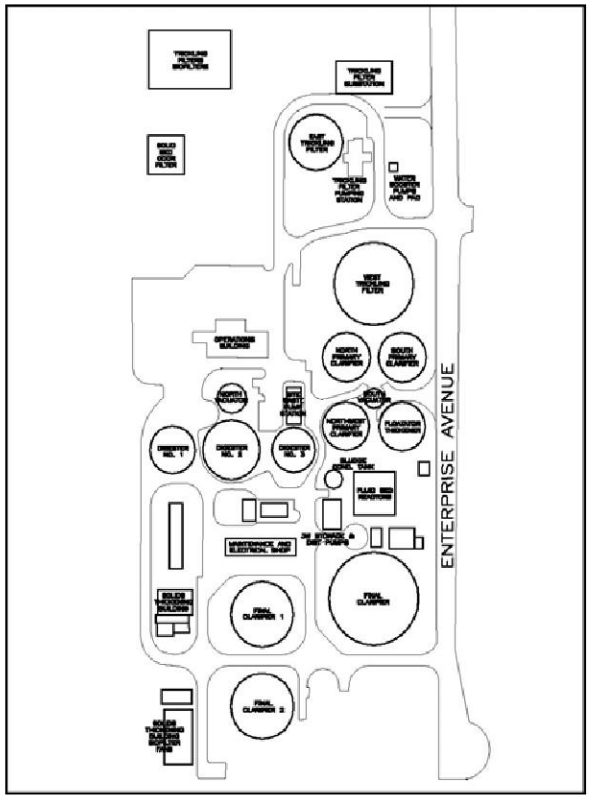
CATEGORY: Sewer System

Project Title: WPCF Access Roads Rehabilitation
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	500						500
Reimbursements													
Net Cost to Fund	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 FY13 - FY22

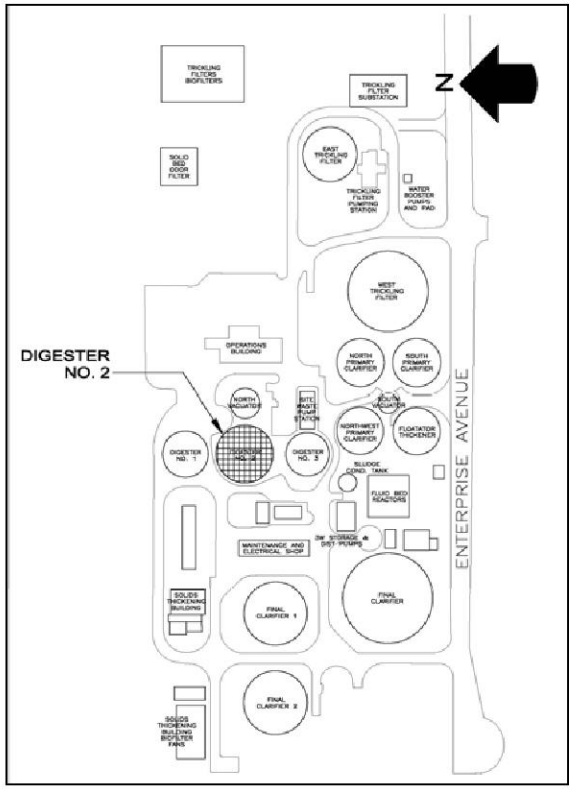
CATEGORY: Sewer System

Project Title: Digester #2 Cleaning and Dome Rehabilitation
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	500					500
Reimbursements													
Net Cost to Fund	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

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

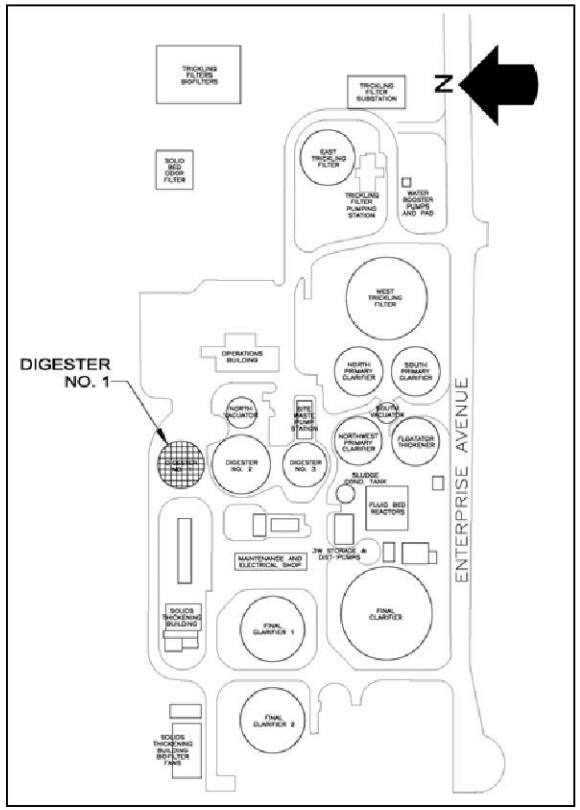
CATEGORY: Sewer System

Project Title: Digester #1 Cleaning and Dome Rehabilitation
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	500				500
Reimbursements													
Net Cost to Fund	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 FY13 - FY22

CATEGORY: Sewer System

Project Title: Gravity Belt Thickener Rebuilding
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	500				500
Reimbursements													
Net Cost to Fund	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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: SCADA System Evaluation and Upgrade
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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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:

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.

Water System Capital Improvement Fund - Fund 622

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7023	Installation of Emergency Sudden Loss Valves at Various Locations	702	185	517										
7139	Install Water Line at Golf Course Access Road	242	232	10										
7161	Seismic Retrofit "D" Street Reservoir	828	618	210										
7166	Regional Water Intertie Project Administration	175	132	43										
7170	Water Maintenance Software	107	80	27										
7021	Groundwater Management Plan	300	22	28	250									
7024	Reservoir and Wellsite Landscape Improvements	150	31	39	80									
7122	Mission Aqueduct Seismic Improvements	625	N/A	300	325									
7137	Electrical & Mechanical Improvements to High School Reservoir	470	46	104	320									
7176	Utility Center Renovation/Training Center Addition (2nd Floor)	2,800	0	300	2,500									
	Fund 613	*1,400*		*750*	*650*									
7177	GIS Data Development and Conversion	175	0	1	174									
7029	Project Predesign Services	165	N/A	15	15	15	15	15	15	15	15	15	15	15
7119	Radio Telemetry & Transducer Replacement & Upgrade	160	N/A	10	15	15	15	15	15	15	15	15	15	15
7120	Water System Master Plan Update	400	N/A	0	400									
7136	System Seismic Upgrades	400	0	0	300	100								
7140	Parallel Supply to the 330 Zone	2,270	120	0	150	2,000								
7160	Seismic Retrofit Maitland Reservoir and Appurtenances	690	0	0	130	560								
7173	Seismic Retrofit Highland 250 Reservoirs	1,026	29	0	97	900								
7138	Install Water Line Looping Near BART Tracks & Whipple Rd.	640	0	0	0	640								
7172	New 3 MG Reservoir at High School Reservoir Site	7,003	103	0	0	0	0	0	0	0	0	0	0	6,900
TBD	Cross Connection Improvement Project	100	0	0	100									
TBD	Chlorine Booster Station for Nitrification Prevention	200	0	0	200									
TBD	Design of Facility Improvements for Water Distribution Field and Customer Services	200	0	0	200									
TBD	Garin Reservoir Water Quality Upgrades	300	0	0	300									
TBD	Solar Power at Various Water Facilities	3,000	0	0	3,000									
TBD	Dead-end Water Main Improvements	400	0	0	200	200								
TBD	Mission Aqueduct Condition Assessment & Cathodic Protection	900	0	0	350	550								
TBD	250' Zone Reservoir Water Quality Pump Upgrades	450	0	0	100	100	250							
TBD	Water System Master Plan Improvement Projects	2,500	0	0	0	500	500	500	500	500				
TBD	Groundwater Management Plan Modeling & Implementation	3,000	0	0	0	0	3,000							
TBD	New 2 MG Reservoir at Hesperian Site	6,000	0	0	0	0	0	0	0	0	6,000			

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Water System Capital Improvement Fund - Fund 622

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			1,604	9,206	5,580	3,780	530	530	530	6,030	30	30	6,930
	Retirement of Debt Service - 1996 HPFA Revenue Bonds		612	95										
	Retirement of Debt Service for Utilities Center (Project 7176)	1,731	1,559	86	86									
	Retirement of Debt Service - Hesperian Pump Station	11,086	1,546	260	300	300	300	300	300	300	300	300	300	300
	Transfer to Fund 623 - 50% of Cast Iron Pipe Replacement			0	500	500	500	500	500					
	Transfer to Fund 613 - 50% of Recycled Water Loan DS ($5.7 million @ 2.5% for 20 years) (Project 7507 in Fund 613)			0	0	185	185	185	185	185	185	185	185	185
	Loan to Sewer System Improvement Fund 613 for Solar Project Phase II (Project 7530 in Fund 613)			0	2,000									
	TOTAL EXPENDITURES			2,045	12,092	6,565	4,765	1,515	1,515	1,015	6,515	515	515	7,415
	REVENUES:													
	Interest			487	150	77	84	65	80	101	73	73	126	78
	Facilities Fee			1,800	1,800	1,800	1,900	1,900	2,000	2,000	2,000	2,000	2,000	2,000
	Repayment of Loan to Fund 613 for Solar Project Phase II ($2 million at 3% for ten years to 2025) (Project 7530 in Fund 613)					235	235	235	235	235	235	235	235	235
	REVENUE SUBTOTAL:			2,287	1,950	2,112	2,219	2,200	2,315	2,336	2,308	2,308	2,361	2,313
	TRANSFERS IN FROM:													
	Fund 613 for Sewer System Share of Utility Center Renovation (Project 7176)		750	650										
	TRANSFERS SUBTOTAL:			650										
	REVENUE TOTALS:			2,937	1,950	2,112	2,219	2,200	2,315	2,336	2,308	2,308	2,361	2,313
	BEGINNING FUND BALANCE:			19,092	20,105	9,963	5,510	2,964	3,649	4,449	5,770	1,563	3,356	5,202
	ENDING FUND BALANCE:			20,105	9,963	5,510	2,964	3,649	4,449	5,770	1,563	3,356	5,202	100

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Groundwater Management Plan
Project No.: 7021
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	22	28	250										300
Reimbursements													
Net Cost to Fund	22	28	250										300

DESCRIPTION:

Project to study groundwater conditions in the Hayward area in order to evaluate the availability of water to pump for various uses, such as large-scale irrigation and industrial uses, and the impact that such pumping and extraction will have on the aquifer and the environment.

JUSTIFICATION:

This 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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Landscape

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	31	39	80										150
Reimbursements													
Net Cost to Fund	31	39	80										150

DESCRIPTION:

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

***D Street Reservoir** ***250 Reservoir**
***Maitland Reservoir** ***750 Reservoir**
***Treeview Reservoir** ***1000 Reservoir**
***N. Walpert 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 FY13 - FY22

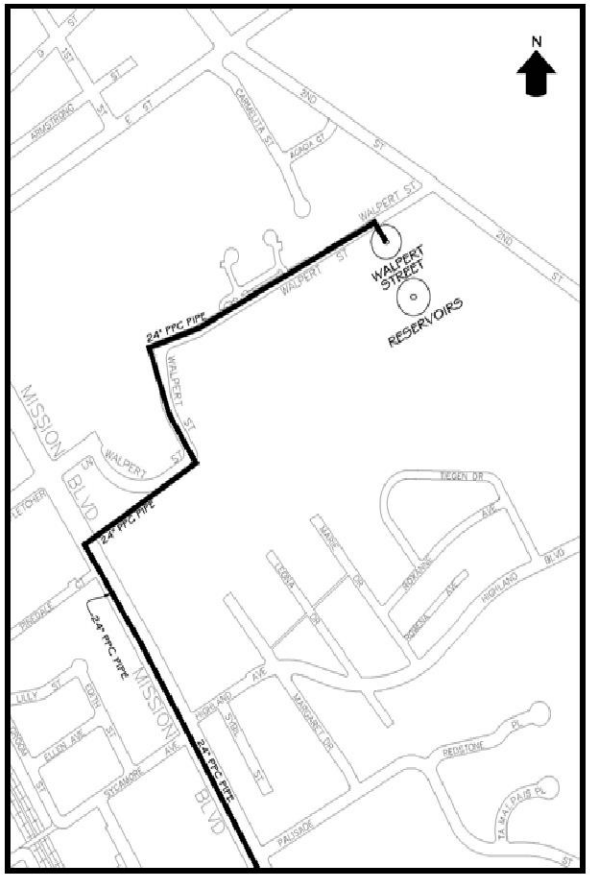
CATEGORY: Water System

Project Title: Mission Aqueduct Seismic Improvements
Project No.: 7122
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	300	325										625
Reimbursements													
Net Cost to Fund	0	300	325										625



DESCRIPTION:

A consultant will be hired to evaluate, recommend, and design the selected seismic improvements for the 24" prestressed concrete cylinder pipe, which was constructed in 1950 and extends from the Hetch Hetchy Bay Division pipelines at Mission Boulevard in Fremont to the Walpert Reservoirs in Hayward. Improvements will initially include installation of isolation valves outside of the fault zone, condition assessment of the aqueduct, and precise locating of the numerous other utilities in the area (i.e. Water and Gas).

JUSTIFICATION:

This project will significantly improve the reliability and probability that the 24" Mission Aqueduct can be quickly returned to service after a major earthquake.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project by $325,000 due to more current cost estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Electrical and Mechanical Improvements to High School Reservoir
Project No.: 7137
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	46	104	320										470
Reimbursements													
Net Cost to Fund	46	104	320										470

DESCRIPTION:

This project will provide new PG&E electrical service and install new pumps to the High School Reservoir.

JUSTIFICATION:

The High School Reservoir is the only City reservoir without power.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $70,000 due to the actual, realized costs for project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

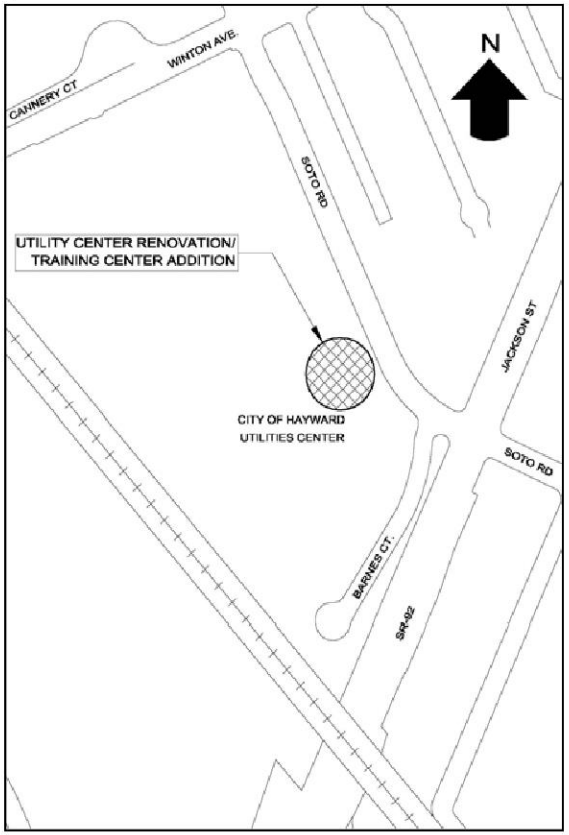
CATEGORY: Water System

Project Title: Utility Center Renovation/Training Center Addition (Second Floor)
Project No.: 7176
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	300	2,500										2,800
Reimbursements		(750)	(650)										(1,400)
Net Cost to Fund	0	(450)	1,850										1,400



DESCRIPTION:

This project would convert the upstairs portion of the building into a training center; upgrade the existing SCADA computer room; implement miscellaneous improvements to include energy efficient windows, and paint and flooring.

JUSTIFICATION:

The existing lunch room is being used by all City departments to conduct training sessions.

REIMBURSEMENTS:
Fund 613 1,400

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: GIS Data Development and Conversion (Water Share)
Project No.: 7177
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	1	174										175
Reimbursements													
Net Cost to Fund	0	1	174										175

DESCRIPTION:

This project will convert and migrate all the water and sewer data into a GIS geodatabase or databases that are compatible with Autocad and GIS & develop a workflow for updating the data.

JUSTIFICATION:

This project will provide more and better data to the City's intranet GIS and asset management systems.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $15,000 each in FY21 & FY22 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	10	15	15	15	15	15	15	15	15	15	15	160
Reimbursements													
Net Cost to Fund	N/A	10	15	15	15	15	15	15	15	15	15	15	160

MAP NOT APPROPRIATE

DESCRIPTION:

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

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $15,000 each in FY21 & FY22 to permit continuation of this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Water System Master Plan Update
Project No.: 7120
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	400										400
Reimbursements													
Net Cost to Fund	0	0	400										400

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	300	100									400
Reimbursements													
Net Cost to Fund	0	0	300	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 FY13 - FY22

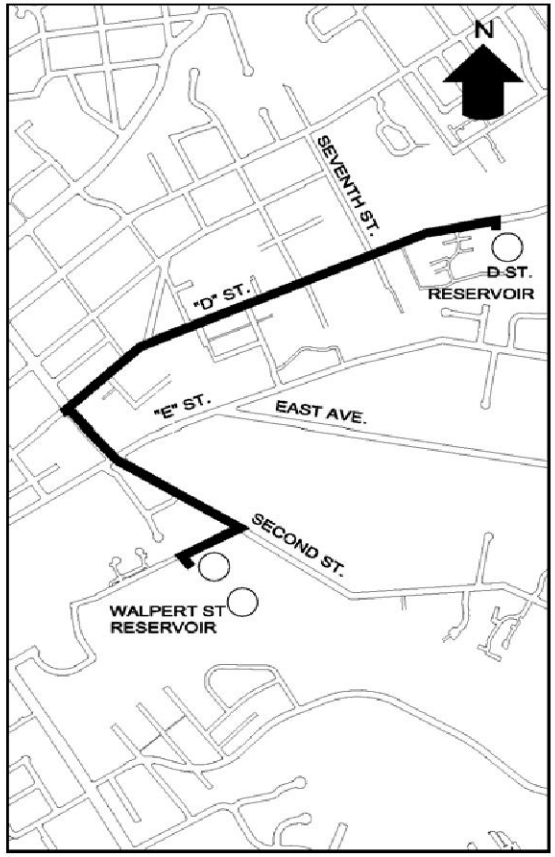
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	120	0	150	2,000									2,270
Reimbursements													
Net Cost to Fund	120	0	150	2,000									2,270



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 FY13 - FY22

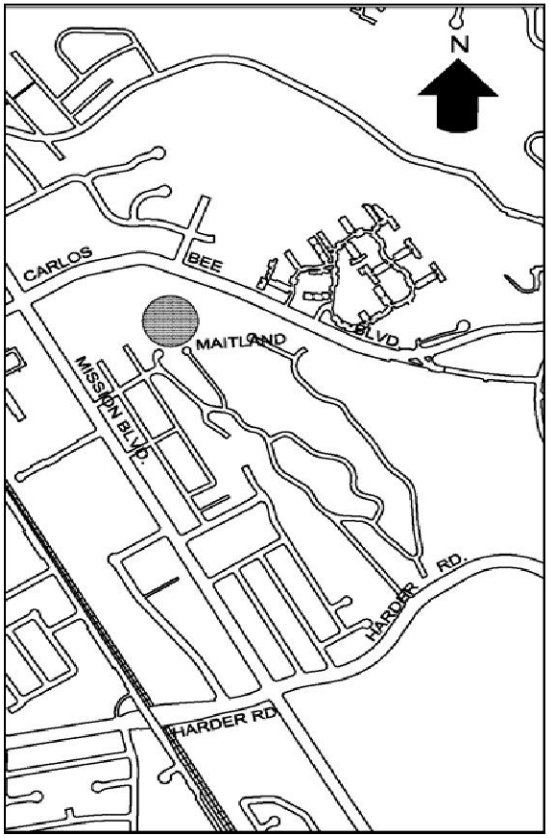
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	130	560									690
Reimbursements													
Net Cost to Fund	0	0	130	560									690



DESCRIPTION:

This project will strengthen the 1.0 MG Maitland Reservoir and appurtenances against damage from earthquakes.

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 FY13 - FY22

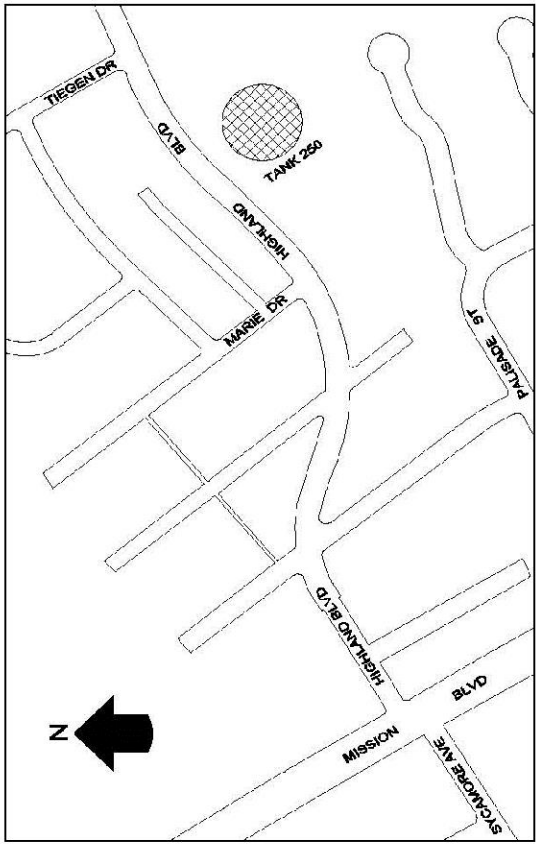
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	29	0	97	900									1,026
Reimbursements													
Net Cost to Fund	29	0	97	900									1,026



DESCRIPTION:

This project will strengthen the two 0.5 MG Highland 250 reservoirs against damage from earthquakes and to improve the reliability of the facilities and the probability that the reservoirs can be returned to service quickly after a major seismic event.

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 FY13 - FY22

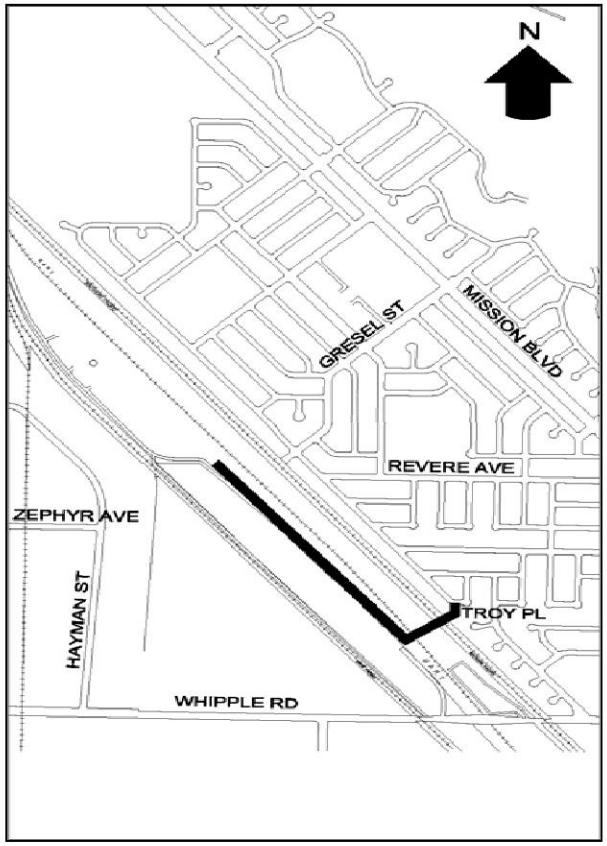
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	640									640
Reimbursements													
Net Cost to Fund	0	0	0	640									640



DESCRIPTION:

This project will install a 12-inch water line from the end of the existing line on the west side of the BART tracks near Whipple Road to the water line at Carroll Avenue and Troy Place.

JUSTIFICATION:

The purpose of this project is to improve fire suppression capacity in the vicinity of the BART tracks between Whipple Road and Hayman Street. This project is recommended in the Water System Master Plan by Carollo Engineers dated 2002.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

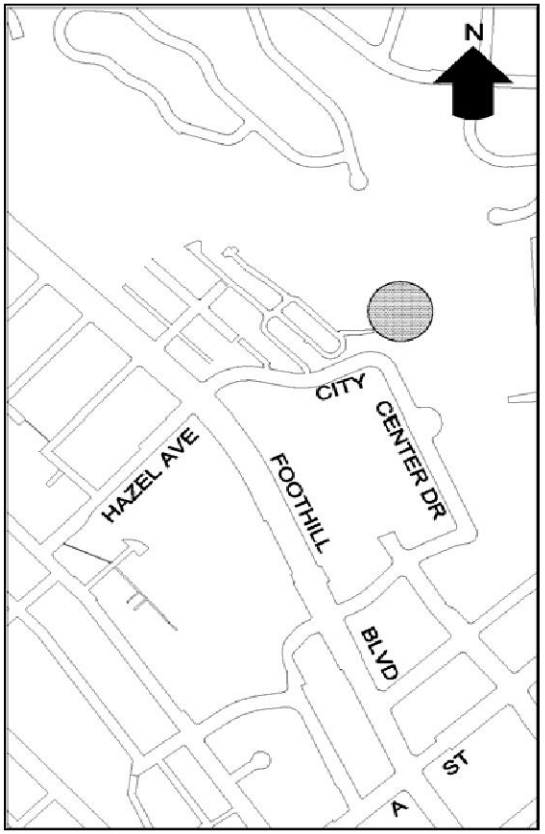
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	103	0	0	0	0	0	0	0	0	0	0	6,900	7,003
Reimbursements													
Net Cost to Fund	103	0	0	0	0	0	0	0	0	0	0	6,900	7,003



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:

Reduced cost by $1,572,000 due to remaining fund balance.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Cross Connection Improvement Project
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

DESCRIPTION:

A comprehensive cross connection program will be prepared that includes the following: physical site identification of all existing cross connection control devices; a hazard assessment of each device; and, inspection of devices in accordance with AWWA standards.

JUSTIFICATION:

The program will protect public water supplies from contamination caused by harmful substances entering the water system through backflow.

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 FY13 - FY22

CATEGORY: Water System

Project Title: Chlorine Booster Stations for Nitrification Prevention
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200

DESCRIPTION:

The first phase of this project is to investigate the feasibility of installing sodium hypochlorite boosting stations; the second phase will be to design and install one booster station to serve as a pilot project in order to further study and confirm the effects of adding sodium hypochlorite to the water distribution system

JUSTIFICATION:

This project serves to improve water quality and prevent nitrification episodes.

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 FY13 - FY22

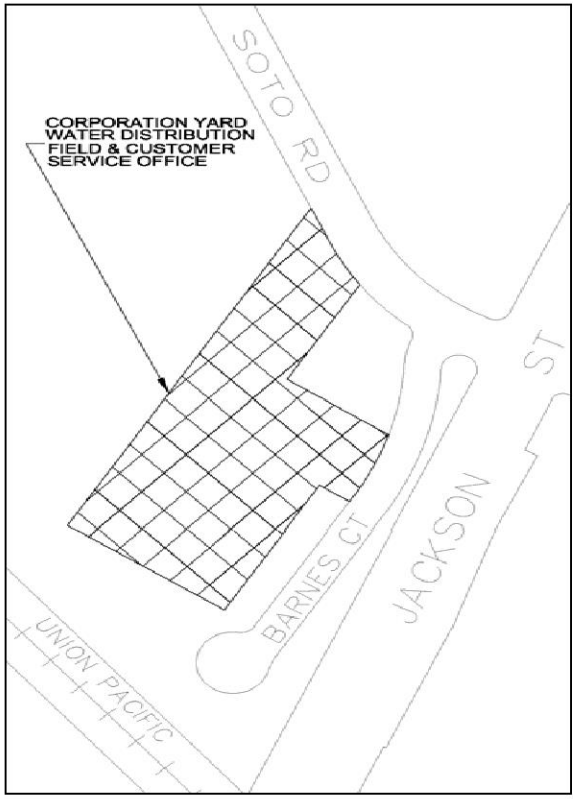
CATEGORY: Water System

Project Title: Design of Facility Improvements for Water Distribution Field and Customer Services
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200										200
Reimbursements													
Net Cost to Fund	0	0	200										200



DESCRIPTION:

This project will assess the need to renovate and seismically retrofit the existing Water Distribution Field and Customer Service office, which consists of office space, a meter shop, a new conference room, kitchen area, locker room, numerous restrooms and a warehouse area.

JUSTIFICATION:

The recommended improvements will increase workplace efficiencies and extend the life expectancy of the facility; furthermore, the improvements will assist the facility in meeting new efficiency standards.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Garin Reservoir Water Quality Upgrades
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	300										300
Reimbursements													
Net Cost to Fund	0	0	300										300

DESCRIPTION:

This project will install a separate line from Garin Reservoir to allow water from the reservoir to be drawn into the 250' zone from the Garin Reservoir at a different location from the Garin pump station suction line.

JUSTIFICATION:

The upgrades will minimize the need to dump reservoirs for water quality control.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Solar Power at Various Water Facilities
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	3,000										3,000
Reimbursements													
Net Cost to Fund	0	0	3,000										3,000

MAP NOT APPROPRIATE

DESCRIPTION:

This project will allow for the design and installation of solar panels at various water facilities that are currently 100 percent reliant on PG&E to meet their energy needs. Potential sites include Walpert, the 500, 750, 100 and 1285 reservoir/pump station sites, and the Hesperian pump station.

JUSTIFICATION:

The installation of solar panels would enable the City to meet some of its water system energy needs through a renewable source.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Dead-End Water Main Improvements
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	200	200									400
Reimbursements													
Net Cost to Fund	0	0	200	200									400

MAP NOT APPROPRIATE

DESCRIPTION:

This project will identify and loop 5 dead-ends each year in order to improve water quality by ensuring a continuous flow of water. In addition, this project will include the design and installation of a water main and appurtenances as required to meet CDPH water quality standards.

JUSTIFICATION:

The key benefit to these improvements is reduced manual flushing operations, which, in turn, lowers the amount of water lost due to flushing and the number of labor hours that are dedicated to flushing.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

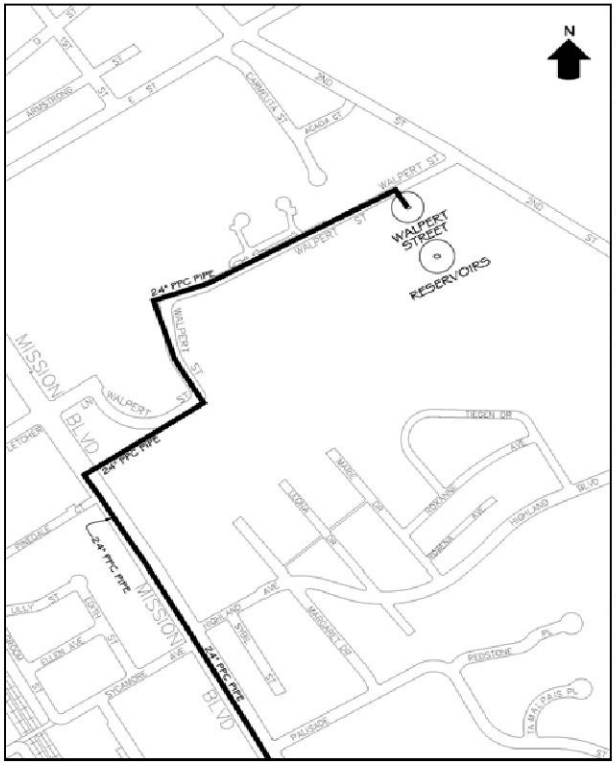
CATEGORY: Water System

Project Title: Mission Aqueduct Condition Assessment and Cathodic Protection
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	350	550									900
Reimbursements													
Net Cost to Fund	0	0	350	550									900



DESCRIPTION:

This project will determine the structural condition of the 24" Mission aqueduct and install cathodic protection and electrolysis test stations along the 11.6 mile length of the aqueduct.

JUSTIFICATION:

There are no existing cathodic protection devices along the aqueduct and its structural condition is unknown.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

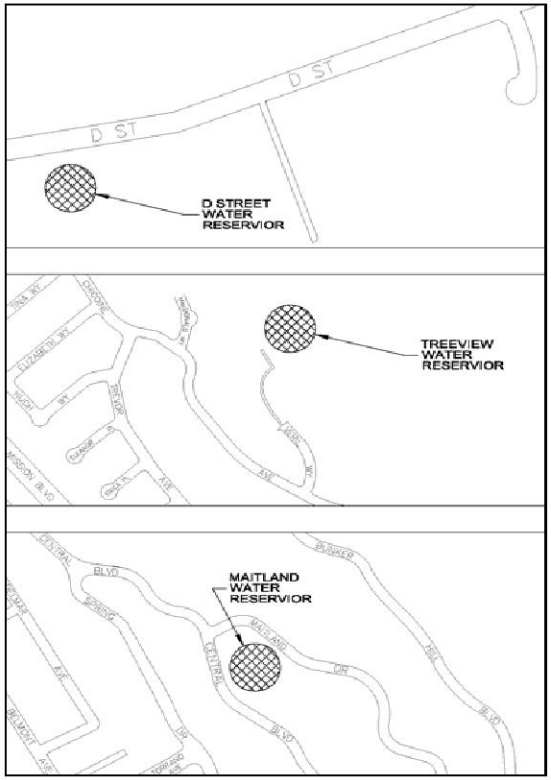
CATEGORY: Water System

Project Title: 250' Zone Reservoir Water Quality Pump Upgrades
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100	100	250								450
Reimbursements													
Net Cost to Fund	0	0	100	100	250								450



DESCRIPTION:

This project will upgrade the electrical services and install new circulation pumps with the capacity to overcome distribution system pressure at the D Street, Treeview, and Maitland water reservoirs.

JUSTIFICATION:

The upgrades will minimize the need to dump reservoirs for water quality control.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Water System Master Plan Improvement Projects
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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:

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.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Groundwater Management Plan Modeling and Implementation
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	3,000								3,000
Reimbursements													
Net Cost to Fund	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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

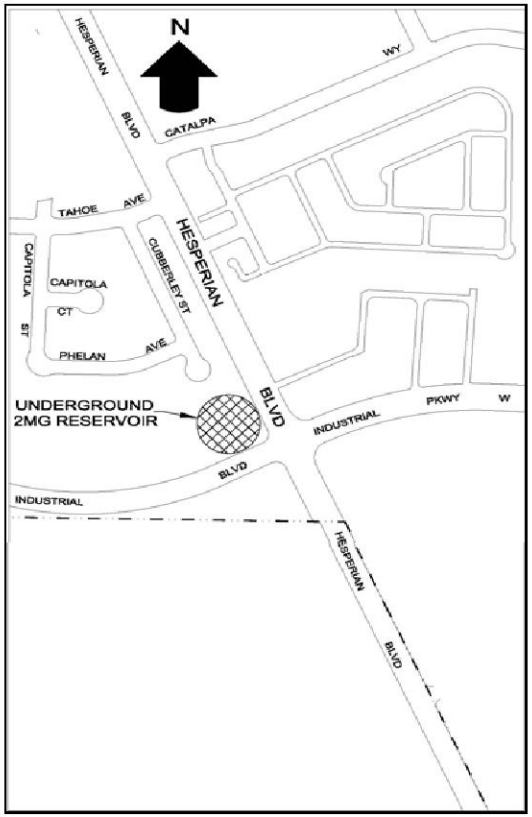
CATEGORY: Water System

Project Title: New 2 MG Reservoir at Hesperian Site
Project No.: To Be Determined
Fund 622 - Water System Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	6,000				6,000
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	6,000				6,000



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.

Water System Replacement Fund - Fund 623

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7022	Annual Line Replacements FY12	300	0	300										
7034	Water Main Replacement - Calaroga Avenue	202	200	2										
	Caltrans Reimbursement	202	200	*2*										
7035	City Irrigation System Backflow Replacements	121	68	53										
7037	Aqueducts Record Drawings and Mapbook Update	482	392	90										
7043	Asset Management Plan	100	1	99										
7045	250-500 16" Transmission Main Replacement - Highland Blvd	1,400	27	1,373										
7048	Annual Line Replacements FY10	300	260	40										
7051	Annual Line Replacements FY11	300	158	142										
7052	Highland 250 Pump Station Upgrade	400	0	400										
7054	Feasibility Study of Conversion to Advanced Metering Infrastructure (AMI)	50	0	50										
7165	Highland 1000 Reservoir Replacement	4,122	4,029	93										
7026	Water System Leak Detection Survey and Repair	200	0	100	100									
7041	Cathodic Protection Master Plan	294	165	19	110									
7053	SCADA Historian Software	50	1	24	25									
7047	Water Efficient Landscape Surveys and Incentives	475	81	144	125	125								
7003	Miscellaneous Hydrant Replacement Program	375	N/A	50	50	50	50	25	25	25	25	25	25	25
7006	Annual System Replacement Program	1,500	N/A	100	100	100	150	150	150	150	150	150	150	150
7013	High Efficiency Fixture Replacement Program	1,700	230	470	100	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
7163	Main Replacements - Jackson, Mission,	3,000	377	0	2,623									
	Pontiac, Meek, Glade, Winton, and Grand ***Project Revenue***	10	*10*											
7025	Conversion to Advanced Metering Infrastructure (AMI)	6,000	0	0	2,000	2,000	2,000							
7049	City-owned Turf Area Assessment and Pilot Turf Repl Program	105	0	0	35	35	35							
7050	Bay-Friendly Water Conservation/Demonstration Garden	170	1	0	0	169								
7046	Replace 16" Water Line near Mission & Willis	2,030	0	0	0	0	0	0	250	1,780				
TBD	Utilities Storage Building Fabric Replacement	60	0	0	60									
TBD	Annual Line Replacements FY13	300	0	0	300									
TBD	Distribution System Pressure Reducing Strategy	500	0	0	100	400								
TBD	Cast Iron Water Pipeline Replacement	5,000	0	0	1,000	1,000	1,000	1,000	1,000					
TBD	Water System Master Plan Replacement Projects	2,500	0	0	0	500	500	500	500	500				
TBD	Annual Line Replacements - FY14 - FY22	12,000	0	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500
TBD	SCADA System Evaluation and Upgrade	500	0	0	0	0	0	0	0	500				

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Water System Replacement Fund - Fund 623

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			3,574	6,753	5,504	4,860	2,800	3,550	4,580	1,800	1,800	1,800	1,800
	Retirement of Debt Service - 1996 HPFA Revenue Bonds		408	62										
	TOTAL EXPENDITURES			3,636	6,753	5,504	4,860	2,800	3,550	4,580	1,800	1,800	1,800	1,800
	REVENUES:													
	Interest			275	90	57	72	57	55	29	16	46	68	91
	Reimbursements (Project 7034)			2										
	REVENUE SUBTOTAL:			277	90	57	72	57	55	29	16	46	68	91
	TRANSFERS IN FROM:													
	Replacement Transfer from Fund 621			2,000	2,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
	Transfer from Fund 622 (50% of cast iron pipeline repl)				500	500	500	500	500					
	TRANSFERS SUBTOTAL:			2,000	2,500	3,000	3,000	3,000	3,000	2,500	2,500	2,500	2,500	2,500
	REVENUE TOTALS:			2,277	2,590	3,057	3,072	3,057	3,055	2,529	2,516	2,546	2,568	2,591
	BEGINNING FUND BALANCE:			12,509	11,150	6,987	4,540	2,752	3,009	2,514	463	1,179	1,925	2,693
	ENDING FUND BALANCE:			11,150	6,987	4,540	2,752	3,009	2,514	463	1,179	1,925	2,693	3,484

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Water System Leak Detection Survey and Repair
Project No.: 7026
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	100	100										200
Reimbursements													
Net Cost to Fund	0	100	100										200

DESCRIPTION:

The City is currently completing a Water Loss Study to determine the causes of non-revenue water consumption; that is, water is purchased by the City from SFPUC, but is not accounted for in water sales. A potential contributing factor is the number of system leaks.

JUSTIFICATION:

A thorough, connection-by-connection survey of a representative sample of the water distribution system indicated that significant water savings may be achieved through a comprehensive leak detection survey and repair effort.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $100,000 to project as a second survey is anticipated for FY13.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Cathodic Protection Master Plan
Project No.: 7041
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	165	19	110										294
Reimbursements													
Net Cost to Fund	165	19	110										294

MAP NOT APPROPRIATE

DESCRIPTION:

A consultant will be retained to document and evaluate the existing cathodic protection systems on the City's aqueducts, water mains, reservoirs, pump stations and force mains.

JUSTIFICATION:

Identification of deficient, damaged or non-operating components is critical to the proper functioning of the City's water system.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced total cost for project by $6,000.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: SCADA Historian Software
Project No.: 7053
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	1	24	25										50
Reimbursements													
Net Cost to Fund	1	24	25										50

MAP NOT APPROPRIATE

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 water system, as well as allow for specified data to be extracted and put into reports either directly or into Excel worksheets.

JUSTIFICATION:

Historian will allow staff to generate customized reports and analyze processes that are monitored by SCADA.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $25,000 to project due to additional cost for software & installation.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	81	144	125	125									475
Reimbursements													
Net Cost to Fund	81	144	125	125									475

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, efficient & weather-based irrigation system, 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 FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	50	50	50	50	25	25	25	25	25	25	25	375
Reimbursements													
Net Cost to Fund	N/A	50	50	50	50	25	25	25	25	25	25	25	375

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 $25,000 each in FY21 & FY22 to continue this program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	100	100	100	150	150	150	150	150	150	150	150	1,500
Reimbursements													
Net Cost to Fund	N/A	100	100	100	150	150	150	150	150	150	150	150	1,500

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 $150,000 each in FY21 & FY22 to continue this program.

OPERATING BUDGET IMPACTS:

This project reduces annual maintenance costs.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	230	470	100	100	100	100	100	100	100	100	100	100	1,700
Reimbursements													
Net Cost to Fund	230	470	100	100	100	100	100	100	100	100	100	100	1,700

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 $100,000 each in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of $25,000 added each in FY21 & FY22 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

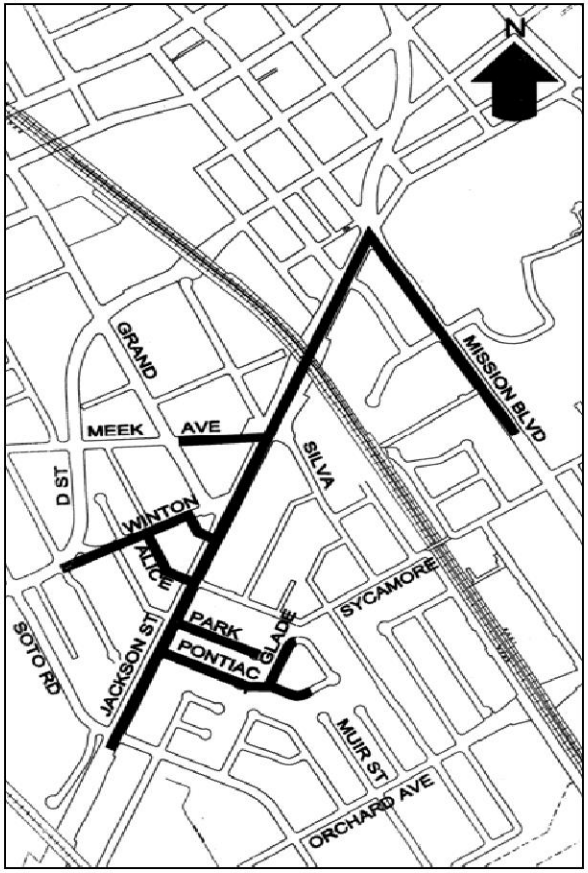
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	377	0	2,623										3,000
Reimbursements	(10)												(10)
Net Cost to Fund	367	0	2,623										2,990



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 FY13 - FY22

CATEGORY: Water System

Project Title: Conversion to Advanced Metering Infrastructure
Project No.: 7025
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	2,000	2,000	2,000								6,000
Reimbursements													
Net Cost to Fund	0	0	2,000	2,000	2,000								6,000

MAP NOT APPROPRIATE

DESCRIPTION:

Based on the result of the proposed feasibility study, this project would implement the conversion of existing water meters to advanced metering infrastructure.

JUSTIFICATION:

Advanced metering infrastructure can provide customers and the City with accurate, up-to-date information on water usage and costs and reduce meter reading costs.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Landscape

Project Title: City-owned Turf Area Assessment and Pilot Turf Replacement Program
Project No.: 7049
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	35	35	35								105
Reimbursements													
Net Cost to Fund	0	0	35	35	35								105

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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

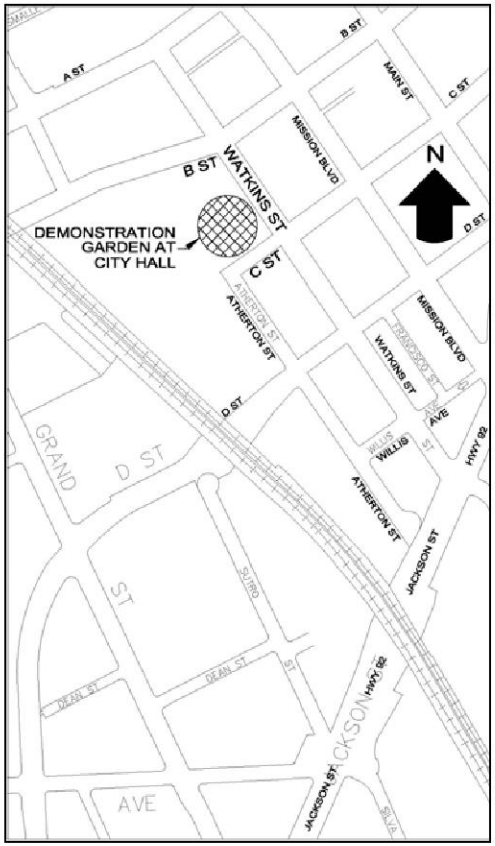
CATEGORY: Landscape

Project Title: Bay-Friendly Water Conservation/Demonstration Garden
Project No.: 7050
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	1	0	0	169									170
Reimbursements													
Net Cost to Fund	1	0	0	169									170



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 6,700 sq. ft. area with a garden that encompasses water use efficiency, bay-friendly landscaping practices, and integrated pest control. The project would include an educational outreach program, with signage for a self-guided tour, and brochures.

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

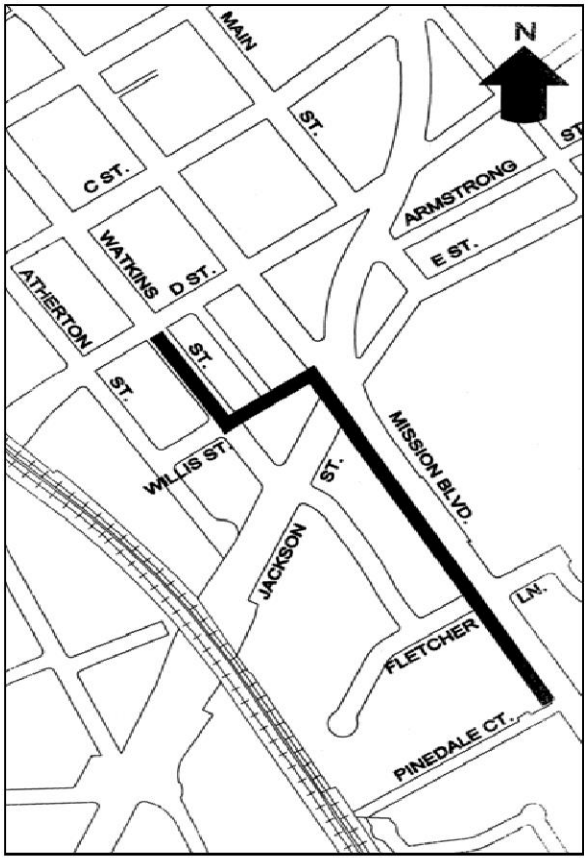
CATEGORY: Water System

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	250	1,780					2,030
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	250	1,780					2,030



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 Distribution System Master Plan, December 1995.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

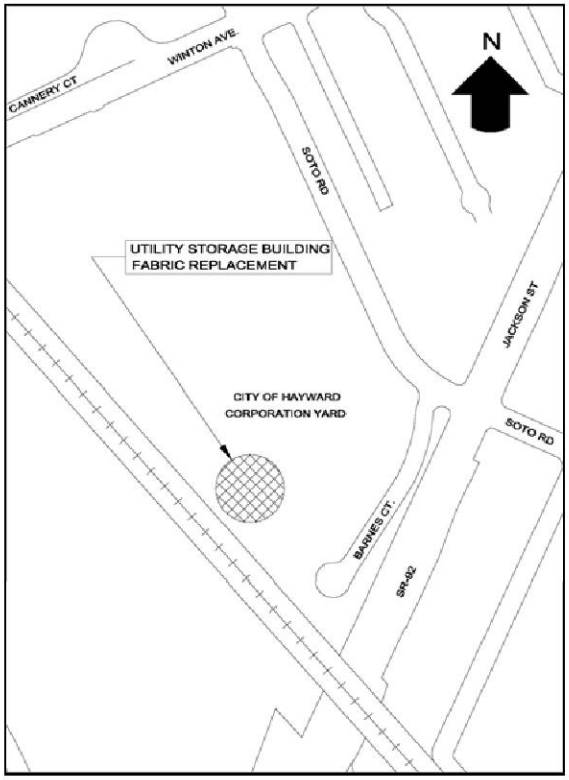
CATEGORY: Water System

Project Title: Utilities Storage Building Fabric Replacement
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	60										60
Reimbursements													
Net Cost to Fund	0	0	60										60



DESCRIPTION:

This project will replace the fabric skin at the Utilities Storage Building located at the Corporation Yard.

JUSTIFICATION:

The fabric was last replaced in 2003 and requires replacement every 10 years.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Annual Line Replacements FY13
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Distribution System Pressure Reducing Strategy
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100	400									500
Reimbursements													
Net Cost to Fund	0	0	100	400									500

DESCRIPTION:

This project will study the feasibility of utilizing the Hesperian pump station valve manifold to manage the 250' zone distribution system pressure for water quality control and leak minimization. The results of the study will be used to develop implementation strategies.

JUSTIFICATION:

This effort is in response to recommendations noted in the Water Balance and Audit Report of August 2011.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Water System

Project Title: Cast Iron Water Pipeline Replacement
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	1,000	1,000	1,000	1,000	1,000						5,000
Reimbursements													
Net Cost to Fund	0	0	1,000	1,000	1,000	1,000	1,000						5,000

DESCRIPTION:

This project will remove and replace cast iron distribution pipelines that have exceeded their useful service life.

JUSTIFICATION:

The replacement of older distribution pipelines will ensure reliable service with improved water quality and conveyance with less interruption of service due to water leaks.

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 FY13 - FY22

CATEGORY: Water System

Project Title: Water System Master Plan Replacement Projects
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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:

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 FY13 - FY22

CATEGORY: Water System

Project Title: Annual Line Replacements FY14-FY22
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	12,000
Reimbursements													
Net Cost to Fund	0	0	0	1,000	1,000	1,000	1,500	1,500	1,500	1,500	1,500	1,500	12,000

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:

Reduced funding by $500,000 each year in FY14-FY16; added funding of $1,500,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: SCADA System Evaluation and Upgrade
Project No.: To Be Determined
Fund 623 - Water System Replacement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	500					500
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	500					500

MAP NOT APPROPRIATE

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.

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7090	Regional Water Intertie Facilities	16,813	16,489	324										
	SFPUC-EBMUD	*16,879*	*16,545*	*334*										
	Project Revenue	*4*	*4*											
	TOTAL PROJECT COSTS			324										
	TOTAL EXPENDITURES			324	0	0	0	0	0	0	0	0	0	0
	REVENUES:													
	Interest		(4)	0	0	0	0	0	0	0	0	0	0	0
	Reimbursements			334										
	Other Revenues													
	REVENUE SUBTOTAL:			334	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:			334	0	0	0	0	0	0	0	0	0	0
	BEGINNING FUND BALANCE:			(10)	0	0	0	0	0	0	0	0	0	0
	ENDING FUND BALANCE:			0	0	0	0	0	0	0	0	0	0	0

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Airport Capital Improvement Fund - Fund 632

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
6808	Airport Operations & Command Vehicle	54	34	20										
6809	Sulphur Creek Mitigation - Environmental Planning	315	10	305										
	(AIP 16) FAA	*300*	*9*	*291*										
6810	Pavement Rehabilitation FY11 - Taxiway Echo and Zipperlane	607	84	523										
6811	Construction of Shelter for Crash Rescue Equipment	200	2	198										
6813	Pavement Rehabilitation FY12 - Taxiway Delta	760	0	760										
6814	Sulphur Creek Mitigation - Design + Construction	1,500	0	1,500										
	(AIP 17) FAA	*1,350*		*1,350*										
6832	Airport Re-zoning	14	13	1										
6834	Wireless Internet Access at Airport	35	33	2										
6835	Southside Planning and Design	128	124	4										
6840	Crash Rescue Equipment	228	226	2										
	Developer's Contribution	*135*	*100*	*35*										
6847	Sulphur Creek Preservation	768	765	3										
6895	Landscaping Noise Berm & Associated Areas	60	26	34										
6896	Vehicle Access Security System	90	88	2										
6897	Rehabilitation of Main Electrical Service Lines to Airport Tower	50	9	41										
6899	Line Lazer Striping & Crack Sealer Equipment	37	30	7										
6815	New Administration Building	2,600	0	300	2,300									
6816	Sulphur Creek 10-Year Monitoring	156	0	16	21	16	22	5	23	6	23	24		
6805	Project Predesign Services	275	N/A	25	25	25	25	25	25	25	25	25	25	25
6806	Consultant Predesign Services	110	N/A	10	10	10	10	10	10	10	10	10	10	10
6891	Miscellaneous Pavement/Building/Grounds Repairs	583	N/A	83	50	50	50	50	50	50	50	50	50	50
6898	Noise Monitoring	762	274	64	64	40	40	40	40	40	40	40	40	40
TBD	Airport Pavement Repair & Striping	549	0	0	549									
	State A&D Grant	*499*			*499*									
TBD	Airport Pavement Rehabilitation FY13 - FY16	1,400	0	0	350	350	350	350						
TBD	Airport Pavement Management Program Update	175	0	0	35	0	35	0	35	0	35	0	35	
TBD	Realignment of Taxiway Zulu	2,611	0	0	0	167	2,444							
	(AIP 18) FAA	*2,350*				*150*	*2,200*							
TBD	Hangar Refurbishment	460	0	0	0	92	92	92	92	92				
TBD	EMAS Runway Safety Area Improvements	8,500	0	0	0	0	0	167	8,333					
	(AIP 19) FAA	*7,650*						*150*	*7,500*					
TBD	Replacement Crash Rescue Vehicle	150	0	0	0	0	0	0	150					
TBD	Golf Course Modifications/Road Relocation	3,009	0	0	0	0	0	0	0	3,009				
	(AIP 20) FAA	*2,708*								*2,708*				
TBD	East T-Hangar Foam Re-roofing	1,000	0	0	0	0	0	0	0	0	1,000			
TBD	Rehab of TWY Alpha and 10L/28R & Rehab TWY Delta	539	0	0	0	0	0	0	0	0	0	539		
	(AIP 21) FAA	*485*										*485*		
TBD	Pavement Reconstruction - West T-Hangar Tie-Down Ramp	1,200	0	0	0	0	0	0	0	0	0	1,200		

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Airport Capital Improvement Fund - Fund 632

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
	TOTAL PROJECT COSTS			3,900	3,404	750	3,068	739	8,758	3,232	1,183	1,888	160	125
	TOTAL EXPENDITURES			3,900	3,404	750	3,068	739	8,758	3,232	1,183	1,888	160	125
	REVENUES:													
	Interest			59	8	3	11	17	18	19	18	10	9	24
	Developer's ARFF Contribution (Project 6840)		100	35										
	Reimbursements (FAA)	14,834		1,641		150	2,200	150	7,500	2,708		485		
	State A&D Grant (Airport Pavement Repair and Striping Project)				499									
	REVENUE SUBTOTAL:		100	1,735	507	153	2,211	167	7,518	2,727	18	495	9	24
	TRANSFERS IN FROM:													
	Fund 631 (Airport Operation Fund)	9,950		1,000	1,300	1,100	1,000	1,000	900	900	700	750	700	600
	TRANSFERS SUBTOTAL:		0	1,000	1,300	1,100	1,000	1,000	900	900	700	750	700	600
	REVENUE TOTALS:		100	2,735	1,807	1,253	3,211	1,167	8,418	3,627	718	1,245	709	624
	BEGINNING FUND BALANCE:		2,377	2,766	1,601	4	507	650	1,078	738	1,133	668	25	574
	ENDING FUND BALANCE:		3,045	1,601	4	507	650	1,078	738	1,133	668	25	574	1,073

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

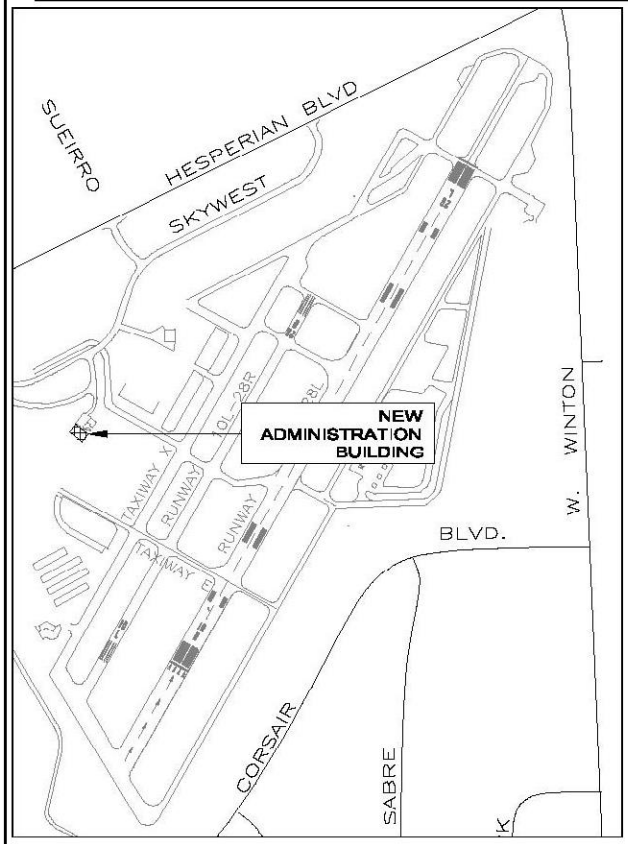
CATEGORY: Airport

Project Title: New Administration Building
Project No.: 6815
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	300	2,300										2,600
Reimbursements													
Net Cost to Fund	0	300	2,300										2,600



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:

Added $500,000 due to more current construction estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Sulphur Creek 10-Year Monitoring
Project No.: 6816
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	16	21	16	22	5	23	6	23	24			156
Reimbursements													
Net Cost to Fund	0	16	21	16	22	5	23	6	23	24			156

DESCRIPTION:

The new project will prepare reports during 10 years of mitigation, riparian, habitat, and geomorphic monitoring for the Sulphur Creek Enhancement Project at the Hayward Executive Airport.

JUSTIFICATION:

Monitoring of the area will be conducted for a period of 10 years to ensure long-term stability of the created and enhanced habitat in accordance with the Sulphur Creek Mitigation and Monitoring Plan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

added $25,000 each in FY21 & FY22 to continue the project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	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:

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 in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	N/A	83	50	50	50	50	50	50	50	50	50	50	583
Reimbursements													
Net Cost to Fund	N/A	83	50	50	50	50	50	50	50	50	50	50	583

DESCRIPTION:

Project 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:

The airport-owned buildings and grounds require ongoing maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $50,000 each in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Noise Monitoring
Project No.: 6898
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	274	64	64	40	40	40	40	40	40	40	40	40	762
Reimbursements													
Net Cost to Fund	274	64	64	40	40	40	40	40	40	40	40	40	762

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced funding by $24,000 from FY 14-FY20 due to more refined scope of equipment needed per year; added funding of $40,000 each in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Airport Pavement Repair and Striping
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	549										549
Reimbursements			(499)										(499)
Net Cost to Fund	0	0	50										50

MAP NOT APPROPRIATE

DESCRIPTION:

The Caltrans Division of Aeronautics has considered funding the repair areas of failing pavement under an Airport Acquisition and Development Grant.

JUSTIFICATION:

The Airport's pavement management program has identified several airfield taxiways that are in poor to very poor condition.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Airport Pavement Rehabilitation FY13-FY16
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	350	350	350	350							1,400
Reimbursements													
Net Cost to Fund	0	0	350	350	350	350							1,400

MAP NOT APPROPRIATE

DESCRIPTION:

This new project establishes an annual pavement rehabilitation and preventive maintenance program for the Hayward Airport.

JUSTIFICATION:

Many of the taxiways at the Airport are in need of rehabilitation and fall into a pavement condition level that is below acceptable.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Eliminated project funding from FY17-FY20 due to budget constraints.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Airport Pavement Management Program Update
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	35	0	35	0	35	0	35	0	35		175
Reimbursements													
Net Cost to Fund	0	0	35	0	35	0	35	0	35	0	35		175

DESCRIPTION:

This project will maintain inventory, monitor pavement condition, identify and prioritize pavement needs, and select cost-effective treatments.

JUSTIFICATION:

The FAA requires the City to have in place a system for managing pavement maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $35,000 in FY21 to continue program.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

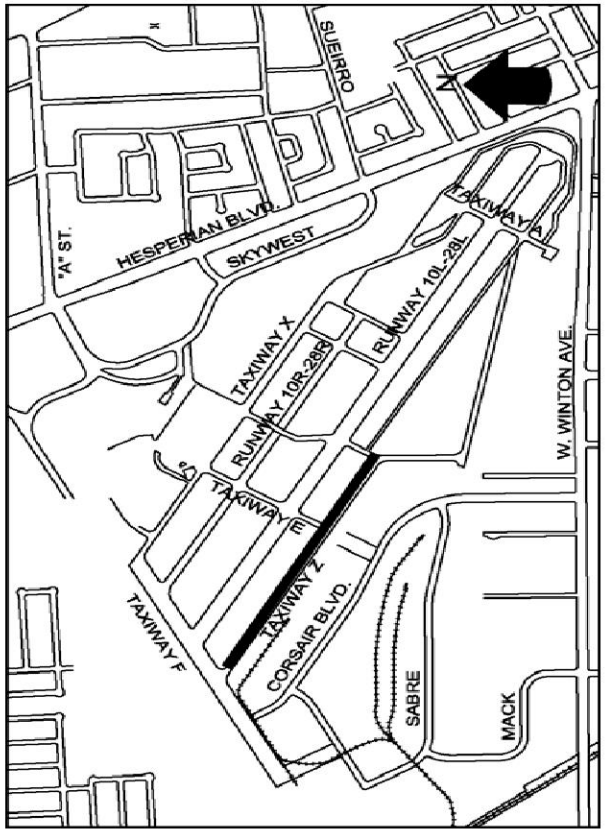
CATEGORY: Airport

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	167	2,444								2,611
Reimbursements				(150)	(2,200)								(2,350)
Net Cost to Fund	0	0	0	17	244								261



DESCRIPTION:

Project will realign Taxiway Zulu.

JUSTIFICATION:

Project recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration 2,350

PROJECT MODIFICATIONS:

Decreased project costs by $589,000 in order to match the expected amount of reimbursement from FAA.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Hangar Refurbishment
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	92	92	92	92	92					460
Reimbursements													
Net Cost to Fund	0	0	0	92	92	92	92	92					460

DESCRIPTION:

The Airport hangars will be in need of new paint and other types of maintenance 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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

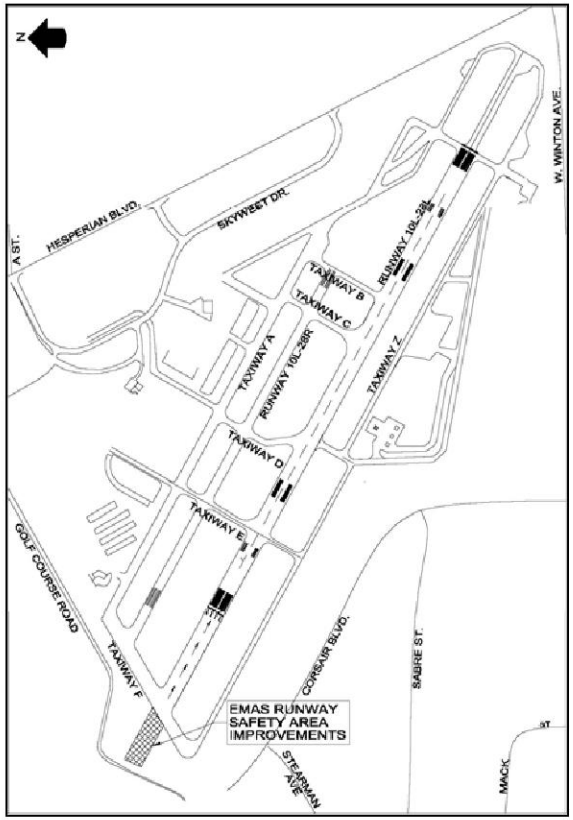
CATEGORY: Airport

Project Title: EMAS 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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	167	8,333						8,500
Reimbursements						(150)	(7,500)						(7,650)
Net Cost to Fund	0	0	0	0	0	17	833						850



DESCRIPTION:

The runway safety area will be modified by construction of Engineered Materials Arresting System (EMAS) due to the changing mix of aircraft which utilize the Airport.

JUSTIFICATION:

Improvements to the runway safety area are needed in order to comply with FAA regulations.

REIMBURSEMENTS:

Federal Aviation Administration 7,650

PROJECT MODIFICATIONS:

Increased project costs by $2,500,000 in order to match the expected amount of reimbursement from FAA.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Airport

Project Title: Replacement Crash Rescue Vehicle
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	150						150
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	150						150

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

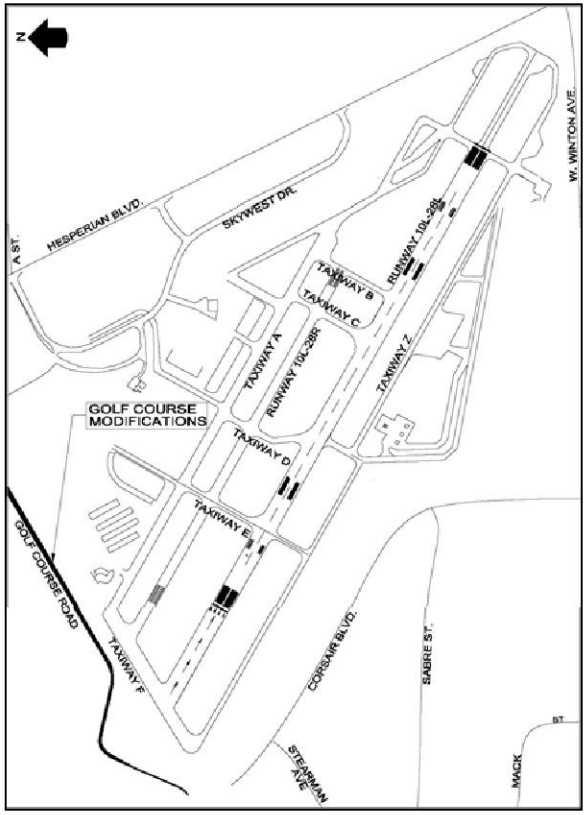
CATEGORY: Airport

Project Title: Golf Course Modifications/Road Relocation
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	3,009					3,009
Reimbursements								(2,708)					(2,708)
Net Cost to Fund	0	0	0	0	0	0	0	301					301



DESCRIPTION:

Both hole #18 and Golf Course Access Road need to be relocated so that they are outside of the modified runway safety area.

JUSTIFICATION:

The improvements to the runway safety area are mandated by the FAA due to the new mix of aircraft which utilize the Airport.

REIMBURSEMENTS:

Federal Aviation Administration 2,708

PROJECT MODIFICATIONS:

Increased project costs by $9,000 in order to match the expected amount of reimbursement from FAA.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

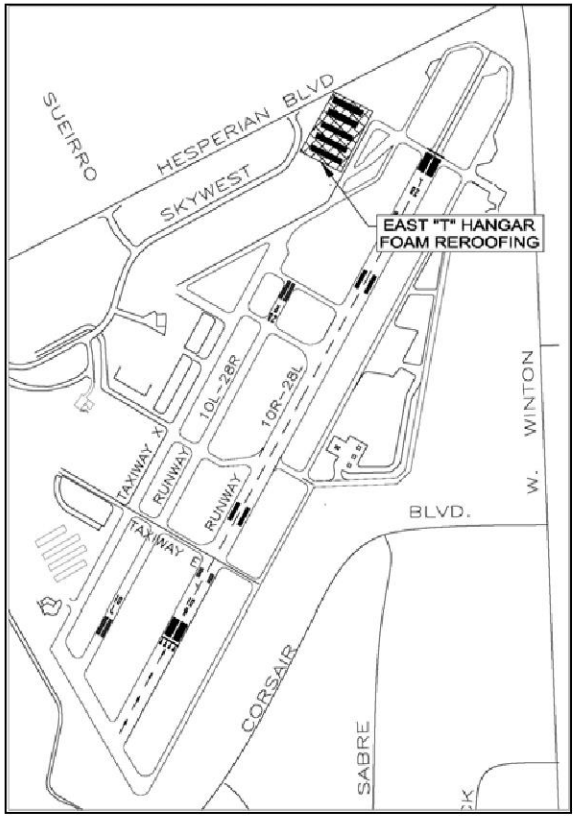
CATEGORY: Airport

Project Title: East T-Hangar Foam Re-Roofing
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	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	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.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

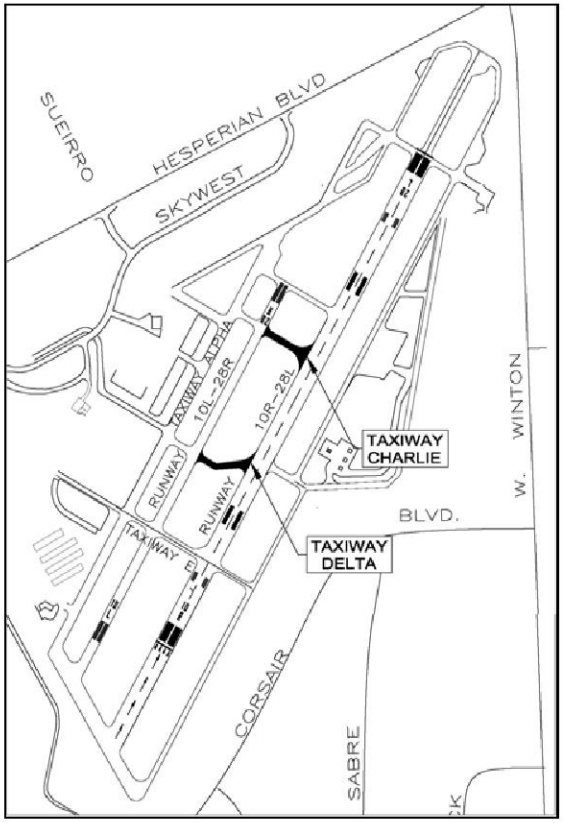
CATEGORY: Airport

Project Title: Rehabilitation of 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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	539			539
Reimbursements										(485)			(485)
Net Cost to Fund	0	0	0	0	0	0	0	0	0	54			54



DESCRIPTION:

Project will dig out and repave Taxiways Alpha and Delta.

JUSTIFICATION:

The runways are in need of repair due to deterioration and wear. In addition, project is recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration 485

PROJECT MODIFICATIONS:

Increased project costs by $29,000 in order to match the expected amount of reimbursement from FAA.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

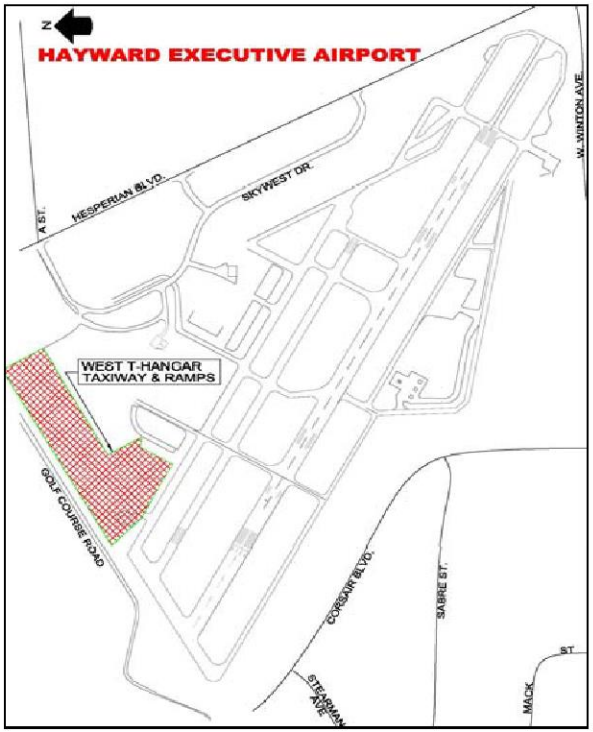
CATEGORY: Airport

Project Title: Pavement Reconstruction - West T-Hangar Tie-Down Ramp
Project No.: To Be Determined
Fund 632 - Airport Capital Improvement Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	1,200			1,200
Reimbursements													0
Net Cost to Fund	0	0	0	0	0	0	0	0	0	1,200			1,200



DESCRIPTION:

This project consists of milling, overlaying, fog sealing, and addressing drainage issues at the West T-Hangar tie-down ramp.

JUSTIFICATION:

The ramp 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

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Police Capital Project Fund - Fund 415

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7401	Replacement Reserve Program Trailer	55	0	55										
7402	Dispatch Equipment	313	0	13	7	18	146	65	3	19	6	18	3	15
7404	Long Guns (duty)	64	0	6	14	14	6	6	6	6	6			
7405	SWAT Team Equipment	277	0	10	65	27	40	40	1	31	6	6	25	26
7406	K9 Handler Setup	21	0	9	0	2	2	2	2	0	0	0	2	2
7403	Tasers	277	0	85	0	0	0	0	0	96	96			
TBD	Wearable Police Video Cameras	174	0	0	174									
TBD	Field Operations Equipment	10	0	0	1	1	1	1	1	1	1	1	1	1
TBD	Criminal Investigations Equipment	77	0	0	2	5	27	2	5	0	17	17	0	2
TBD	Body Armor	516	0	0	22	22	81	22	111	22	22	81	22	111
TBD	Special Operations Equipment	11	0	0	1	3	0	0	3	1	0	3		
TBD	Traffic Enforcement Equipment	68	0	0	14	0	12	18	0	0	0	24		
TBD	K9 Units	96	0	0	0	16	16	16	16	0	0	0	16	16
TBD	Hand Guns (duty)	151	0	0	0	0	0	0	0	0	0	151		
TBD	Digital Audio Recorders	52	0	0	0	0	0	0	0	0	0	0	0	52
	TOTAL PROJECT COSTS			178	300	108	331	172	148	176	154	301	69	225
	TOTAL EXPENDITURES			178	300	108	331	172	148	176	154	301	69	225
	REVENUES:													
	Interest			1	0	2	4	2	1	1	1	1	3	5
	REVENUE SUBTOTAL:			1	0	2	4	2	1	1	1	1	3	5
	TRANSFERS IN FROM:													
	General Fund			145	170	349	173	93	127	134	209	238	238	238
	Narcotics Asset Forfeiture Funds				174									
	TRANSFERS SUBTOTAL:			145	344	349	173	93	127	134	209	238	238	238
	REVENUE TOTALS:			146	344	351	177	95	128	135	210	239	241	243
	BEGINNING FUND BALANCE:			47	15	59	302	148	71	51	10	66	4	176
	ENDING FUND BALANCE:			15	59	302	148	71	51	10	66	4	176	194

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Dispatch Equipment
Project No.: 7402
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	13	7	18	146	65	3	19	6	18	3	15	313
Reimbursements													
Net Cost to Fund	0	13	7	18	146	65	3	19	6	18	3	15	313

MAP NOT APPROPRIATE

DESCRIPTION:

This project will replace dispatcher task chairs, dispatch workstations, batteries for handheld radios, and a 911 telephone recording system.

JUSTIFICATION:

Portions of these items, which are critical to the duties of the dispatch unit, will be replaced on a rotational basis as their respective lifespans near the end.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total project cost by $8,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Long Guns (Duty)
Project No.: 7404
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	6	14	14	6	6	6	6	6				64
Reimbursements													
Net Cost to Fund	0	6	14	14	6	6	6	6	6				64

DESCRIPTION:

The Police Department maintains 118 rifles and shotguns for regular duty use.

JUSTIFICATION:

These weapons have an estimated 20 year lifespan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project costs by a total of $40,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: SWAT Team Equipment
Project No.: 7405
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	10	65	27	40	40	1	31	6	6	25	26	277
Reimbursements													
Net Cost to Fund	0	10	65	27	40	40	1	31	6	6	25	26	277

MAP NOT APPROPRIATE

DESCRIPTION:

The Police Department maintains an array of equipment for ballistic protection, various weapons systems, telescopic sights, night vision devices, tear gas launchers and camera equipment.

JUSTIFICATION:

Portions of these items, which are critical to the duties of the SWAT team, will be replaced on a rotational basis as their respective lifespans near the end.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total cost for project by $45,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: K9 Handler Setup
Project No.: 7406
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	9	0	2	2	2	2	0	0	0	2	2	21
Reimbursements													
Net Cost to Fund	0	9	0	2	2	2	2	0	0	0	2	2	21

MAP NOT APPROPRIATE

DESCRIPTION:

K9 handler is a five year special assignment for a police officer. This item appropriately sets up each new handler so that they can maintain this expensive, and potentially dangerous animal, at their home full time.

JUSTIFICATION:

This expense is necessary in order to properly reinforce training techniques and monitor the behavior of a police dog.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced total project cost by $51,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Tasers
Project No.: 7403
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	85	0	0	0	0	0	96	96				277
Reimbursements													
Net Cost to Fund	0	85	0	0	0	0	0	96	96				277

DESCRIPTION:

The Police Department maintains 106 Taser emd's for regular duty use.

JUSTIFICATION:

These tools have an estimated 5 year lifespan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project costs by a total of $107,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Wearable Police Video Cameras
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	174										174
Reimbursements			(174)										
Net Cost to Fund	0	0	0										174

DESCRIPTION:

The existing inventory of digital audio recorders are in need of replacement, and the department is researching the viability of migrating to video technology.

JUSTIFICATION:

The cameras are utilized to document law enforcement actions, responding to citizen complaints, and supporting City and departmental policies and procedures.

MAP NOT APPROPRIATE

REIMBURSEMENTS:
Narcotics Asset Forfeiture 174

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Field Operations Equipment
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	1	1	1	1	1	1	1	1	1	1	10
Reimbursements													
Net Cost to Fund	0	0	1	1	1	1	1	1	1	1	1	1	10

MAP NOT APPROPRIATE

DESCRIPTION:

This category includes chair replacement for the report writing room.

JUSTIFICATION:

The report writing room has ten shared computer workstations which are in use by different shifts around the clock. Half the task chairs require replacement each year.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Criminal Investigations Equipment
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	2	5	27	2	5	0	17	17	0	2	77
Reimbursements													
Net Cost to Fund	0	0	2	5	27	2	5	0	17	17	0	2	77

MAP NOT APPROPRIATE

DESCRIPTION:

This category includes electronics such as the Cell Brite Forensics System, the interview room recording system, a/v duplicating equipment and portable audio recorders for investigators.

JUSTIFICATION:

The equipment in this category has limited lifespans and requires replacement at intervals ranging from 3 to 5 years.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Body Armor
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	22	22	81	22	111	22	22	81	22	111	516
Reimbursements													
Net Cost to Fund	0	0	22	22	81	22	111	22	22	81	22	111	516

DESCRIPTION:

225 HPD employees are required to be issued body armor. Additionally, 30 officers assigned to the SWAT Team are issued higher protection level tactical vests.

JUSTIFICATION:

The vests typically should be replaced every 5 years.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project costs by $58,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Special Operations Equipment
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	1	3	0	0	3	1	0	3			11
Reimbursements													
Net Cost to Fund	0	0	1	3	0	0	3	1	0	3			11

DESCRIPTION:

This category includes electronics such as GPS trackers and night vision devices that are used for undercover and other special operations.

JUSTIFICATION:

The equipment in this category has limited lifespans and requires replacement at intervals ranging from 3 to 5 years.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Traffic Enforcement Equipment
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	14	0	12	18	0	0	0	24			68
Reimbursements													
Net Cost to Fund	0	0	14	0	12	18	0	0	0	24			68

DESCRIPTION:

The Police Department maintains 21 speed enforcement and 24 alcohol detection devices.

JUSTIFICATION:

These tools have an estimated 10 year lifespan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: K9 Units
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	16	16	16	16	0	0	0	16	16	96
Reimbursements													
Net Cost to Fund	0	0	0	16	16	16	16	0	0	0	16	16	96

DESCRIPTION:

The Police Department currently maintains four K9 units.

JUSTIFICATION:

Police dogs have an average seven year service life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased project costs by $17,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Hand Guns (Duty)
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	151			151
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	151			151

DESCRIPTION:

The Police Department maintains 254 handguns for regular duty use.

JUSTIFICATION:

These weapons have an estimated 15 year lifespan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Digital Audio Recorders
Project No.: To Be Determined
Fund 415 Police Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	0	0	52	52
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	0	0	52	52

DESCRIPTION:

The Police Department maintains 150 digital audio recorders for regular duty use.

JUSTIFICATION:

These tools have an estimated 10 year lifespan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced total project cost by $1,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

Fire Capital Project Fund - Fund 416

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7462	Mattresses	5	0	5										
7456	Emergency Radio Equipment	667	0	470	197									
	Assistance to Firefighter Grant	*417*		*417*										
7461	Furnishings	203	0	3	20	20	20	20	20	20	20	20	20	20
7463	Nozzles	77	0	7	7	7	7	7	7	7	7	7	7	7
7464	Physical Fitness Equipment	198	0	18	18	18	18	18	18	18	18	18	18	18
7457	Float-O-Pumps	8	0	4	0	0	0	0	4					
7458	Positive Pressure Blowers	20	0	10	0	0	0	0	10					
7459	Portable Generators	40	0	20	0	0	0	0	20					
7460	Hydraulic Rescue Tool	150	0	75	0	0	0	0	75					
7450	Lucas Chest Compression System	190	0	90	0	0	0	0	0	100				
7451	Defibrillators	490	0	250	0	0	0	0	0	240				
7452	Apparatus Appliances	120	0	0	12	12	12	12	12	12	12	12	12	12
7453	Hose (5", 3", 1 3/4", 1 1/2", 1")	250	0	0	25	25	25	25	25	25	25	25	25	25
7454	Rotary Rescue Saws	9	0	0	0	0	0	0	9					
7455	Emergency Air Bag System	21	0	0	0	0	0	0	0	0	0	21		
TBD	Fire Station No. 7 - Design	400	0	75	325									
TBD	Storage PODS	30	0	0	30									
TBD	Emergency Notification System	40	0	0	40									
	UASI	*40*			*40*									
TBD	Emergency Equipment Cargo Trailer(s)	100	0	0	100									
TBD	Shallow Water Rescue Boat	130	0	0	130									
TBD	Station-Based Air Compressor for SCBA Bottles	130	0	0	130									
TBD	Self-Contained Breathing Apparatus	760	0	0	10	750								
	TOTAL PROJECT COSTS			1,027	1,044	832	82	82	200	422	82	103	82	82
	Transfer out to Fund 731			134										
	TOTAL EXPENDITURES			1,161	1,044	832	82	82	200	422	82	103	82	82
	REVENUES:													
	Interest			7	1	0	1	4	5	2	1	5	9	13
	Mutual Aid Overhead Reimbursement	667	114	50	50	50	50	50	50	50	50	50	51	52
	Assistance to Firefighter Grant			417										
	UASI				40									
	REVENUE SUBTOTAL:		24	474	91	50	51	54	55	52	51	55	60	65
	TRANSFERS IN FROM:													
	General Fund	3,608	426	429	797	779	137	140	142	145	149	151	155	158
	TRANSFERS SUBTOTAL:			429	797	779	137	140	142	145	149	151	155	158
	REVENUE TOTALS:			903	888	829	188	194	197	197	200	206	215	223
	BEGINNING FUND BALANCE:			432	174	18	15	121	233	230	5	123	226	359
	ENDING FUND BALANCE:			174	18	15	121	233	230	5	123	226	359	500

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Emergency Radio Equipment
Project No.: 7456
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	470	197										667
Reimbursements		(417)											
Net Cost to Fund	0	53	197										667

DESCRIPTION:

This project would replace 81 mobile radios and 137 portable radios, all of which are between 10 and 25 years old.

JUSTIFICATION:

The existing radios are no longer supported by the manufacturer.

MAP NOT APPROPRIATE

REIMBURSEMENTS:
Assistance to Firefighters Grant 417

PROJECT MODIFICATIONS:

Reduced cost of project by $65,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Furnishings
Project No.: 7461
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	3	20	20	20	20	20	20	20	20	20	20	203
Reimbursements													
Net Cost to Fund	0	3	20	20	20	20	20	20	20	20	20	20	203

MAP NOT APPROPRIATE

DESCRIPTION:

Project encompasses the following: 1) the purchase of "lazy boy" brand chairs due to the lifetime warranty on mechanical components; 2) the purchase of twin beds to accommodate resting/sleep periods for Fire personnel; and 3) other related furnishings which will need to be replaced due to wear.

JUSTIFICATION:

The recliner-style chairs allow fire station personnel to rest between emergency calls. Replacement beds are needed as all fire stations are 24/7 facilities that require employees to work 24-hour shifts.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $17,000 each year from FY13-FY22; consolidated Project 7462 (Mattresses) into project as well as adding $12,000 per year for other related items.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Nozzles
Project No.: 7463
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	7	7	7	7	7	7	7	7	7	7	7	77
Reimbursements													
Net Cost to Fund	0	7	7	7	7	7	7	7	7	7	7	7	77

MAP NOT APPROPRIATE

DESCRIPTION:

The nozzles are used to deliver water and foam through an array of various-sized hoses.

JUSTIFICATION:

The nozzles are the primary delivery tool used by firefighters to douse out fires.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $7,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Physical Fitness Equipment
Project No.: 7464
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	18	18	18	18	18	18	18	18	18	18	18	198
Reimbursements													
Net Cost to Fund	0	18	18	18	18	18	18	18	18	18	18	18	198

MAP NOT APPROPRIATE

DESCRIPTION:

Each fire station has a variety of physical fitness equipment that includes free weights, plyometric balls for core strengthening, and treadmills & stair climbers for cardiovascular endurance.

JUSTIFICATION:

Firefighting requires strength and coordination to accomplish numerous tasks in a stressful environment.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $18,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Float-O-Pumps
Project No.: 7457
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	4	0	0	0	0	4						8
Reimbursements													
Net Cost to Fund	0	4	0	0	0	0	4						8

MAP NOT APPROPRIATE

DESCRIPTION:

This specialized pump floats on a body of water and pumps water to firefighting personnel operating near its location.

JUSTIFICATION:

This operation is used to acquire water from alternate water sources when conventional hydrant sources are not available, such as in sparsely populated areas and heavily forested areas.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Positive Pressure Blowers
Project No.: 7458
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	10	0	0	0	0	10						20
Reimbursements													
Net Cost to Fund	0	10	0	0	0	0	10						20

DESCRIPTION:

The Fire Department uses large portable blowers/fans that can move upwards of 20,000 cubic feet of air per minute. Two units are carried on every truck company.

JUSTIFICATION:

The blowers remove smoke and toxic gases from the interior of structures.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Portable Generators
Project No.: 7459
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	20	0	0	0	0	20						40
Reimbursements													
Net Cost to Fund	0	20	0	0	0	0	20						40

DESCRIPTION:

It is the practice of the Fire Department to secure electrical service to the involved occupancy, as well as those surrounding it, which is deemed necessary for the safety of the occupants and emergency personnel working at the emergency.

JUSTIFICATION:

Fire crews must have the ability to light their way and to use electric tools at the emergency scene.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Hydraulic Rescue Tool
Project No.: 7460
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	75	0	0	0	0	75						150
Reimbursements													
Net Cost to Fund	0	75	0	0	0	0	75						150

MAP NOT APPROPRIATE

DESCRIPTION:

Each truck company employs the use of one hydraulic rescue tool, which is used during on-road emergencies where additional equipment is needed to remove victims from vehicles.

JUSTIFICATION:

The hydraulic rescue tool is used primarily to extricate victims as a result of significant motor vehicle accidents.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Lucas Chest Compression System
Project No.: 7450
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	90	0	0	0	0	0	100					190
Reimbursements													
Net Cost to Fund	0	90	0	0	0	0	0	100					190

DESCRIPTION:

The Lucas Chest Compression System provides effective, consistent and uninterrupted chest compressions during CPR.

JUSTIFICATION:

The use of this device increases the chance of survivability during a heart attack.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Defibrillators
Project No.: 7451
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	250	0	0	0	0	0	240					490
Reimbursements													
Net Cost to Fund	0	250	0	0	0	0	0	240					490

MAP NOT APPROPRIATE

DESCRIPTION:

The new, advanced medical devices use less electricity to "jump start" the heart, which involves less damage to the cardiac muscles during resuscitation, monitors the oxygen saturation and provides a more comprehensive picture of the heart.

JUSTIFICATION:

The current monitor/defibrillator in use by the Fire Department is 2 generations old and does not possess the features of these more advanced monitors, thereby making it difficult to meet State and County requirements in patient care.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced total cost of project by $35,000.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Apparatus Appliances
Project No.: 7452
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	12	12	12	12	12	12	12	12	12	12	120
Reimbursements													
Net Cost to Fund	0	0	12	12	12	12	12	12	12	12	12	12	120

DESCRIPTION:

The Fire Department uses an assortment of pistons, valves and water delivery appliances to assist in acquiring and distributing water to/through the fire engine pump.

JUSTIFICATION:

These appliances allow Fire personnel to operate in a safe and effective manner while at an emergency.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $12,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Hose (5", 3", 1 3/4", 1 1/2", 1")
Project No.: 7453
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	25	25	25	25	25	25	25	25	25	25	250
Reimbursements													
Net Cost to Fund	0	0	25	25	25	25	25	25	25	25	25	25	250

MAP NOT APPROPRIATE

DESCRIPTION:

Each engine company maintains over 2,900 feet of hose, which come in sizes ranging from 1 inch to 5 inches and lengths ranging from 50 to 100 feet.

JUSTIFICATION:

Hoses are used to deliver water and foam during a fire.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of $25,000 each in FY21 & FY22 to permit the project to continue.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Rotary Rescue Saws
Project No.: 7454
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	9						9
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	9						9

DESCRIPTION:

One gasoline-powered rotary saw is carried on each truck company in the City.

JUSTIFICATION:

The saw is used to assist in numerous operations, including forcible entry, ventilation and heavy rescue.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Emergency Air Bag System
Project No.: 7455
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	0	0	0	21			21
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	0	0	0	21			21

DESCRIPTION:

The emergency air bags are operated by pneumatic power and come in a variety of sizes and shapes. One complete set, including hoses, regulator, bottles and bags, is carried on every truck company.

JUSTIFICATION:

The Fire Department uses the air bags to lift and/or separate objects in an emergency.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

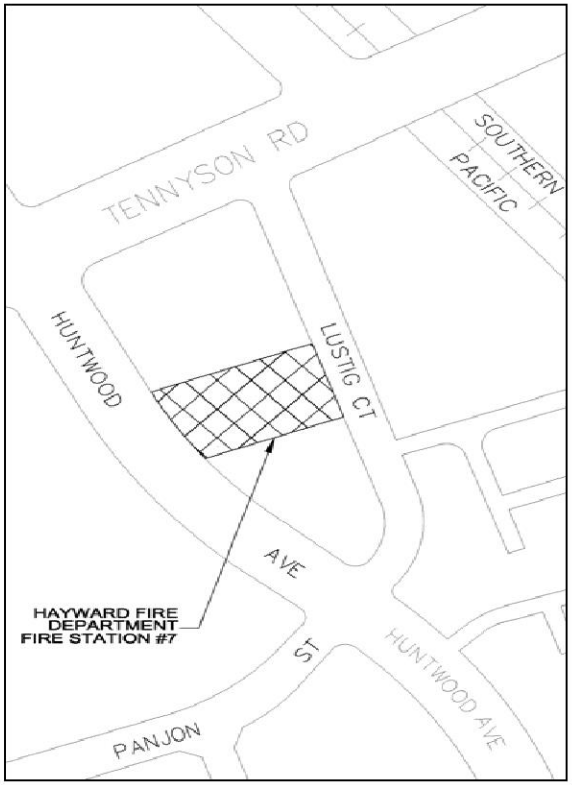
CATEGORY: Building/Miscellaneous

Project Title: Fire Station #7 - Design
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	75	325										400
Reimbursements													
Net Cost to Fund	0	75	325										400



DESCRIPTION:

A new fire station #7 will be constructed to replace the existing station, which is a 4-piece, modular building with an adjacent apparatus bay that opened in 1998.

JUSTIFICATION:

The interior and exterior of the building show severe signs of aging. There is evidence of mold, rust and rot throughout the station structure.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Storage PODS
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	30										30
Reimbursements													
Net Cost to Fund	0	0	30										30

DESCRIPTION:

A 10' by 40' State-approved container, which would house medical supplies, cots, and other associated equipment, is to be stationed on the property at Fire Station #6.

JUSTIFICATION:

The State has offered the City, at no cost, material and equipment to set up an emergency clinic for up to 50 people for 14 days. However, the City would be responsible for store the equipment in an approved storage facility and/or container.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Emergency Notification System
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	40										40
Reimbursements			(40)										(40)
Net Cost to Fund	0	0	0										0

DESCRIPTION:

This project will allow for the installation of an emergency notification system.

JUSTIFICATION:

Such a system can alert residents of an emergency in their area.

MAP NOT APPROPRIATE

REIMBURSEMENTS:
UASI 40

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Emergency Equipment Cargo Trailers
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	100										100
Reimbursements													
Net Cost to Fund	0	0	100										100

DESCRIPTION:

Equipment used for training is currently housed in an old, leaking, rusted, refrigerated cargo container.

JUSTIFICATION:

The existing container is past its life expectancy and needs to be replaced.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Shallow Water Rescue Boat
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	130										130
Reimbursements													
Net Cost to Fund	0	0	130										130

DESCRIPTION:

Funding for this project will allow for the purchase of a shallow water rescue boat.

JUSTIFICATION:

The City and its adjoining jurisdictions share miles of bay front shoreline which is extremely shallow and fluctuates per the tide schedule. In addition, to the shoreline, the San Mateo Bridge is built over similar bay terrain and presents the same risk as the water off the shore.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Station-Based Air Compressor for SCBA Bottles
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	130										130
Reimbursements													
Net Cost to Fund	0	0	130										130

DESCRIPTION:

This project would allow for fixed compressed air filling stations to be installed at Fire Stations 1 and 7.

JUSTIFICATION:

In order for Fire personnel to replenish air in their self contained breathing apparatus, they must either travel to Fire Station #6 or move the mobile air compressor from this fire station to the emergency scene.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Self-Contained Breathing Apparatus
Project No.: To Be Determined
Fund 416 Fire Capital Project Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	10	750									760
Reimbursements													
Net Cost to Fund	0	0	10	750									760

DESCRIPTION:

The self-contained breathing apparatus (SCBA) consists of a harness, air cylinder, mask, regulators and alarm components. This equipment is a fundamental and necessary tool that allows the Fire Department to perform many of its functions. This request is for 95 SCBA units, 125 air bottles, masks, and associated maintenance equipment.

JUSTIFICATION:

The existing SCBA equipment is 2 generations old and must all be replaced at the same time for consistent training and use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

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Maintenance Services Capital Fund - Fund 417

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7475	Replacement Equipment for Maintenance Services	160	18	42	10	10	10	10	10	10	10	10	10	10
	TOTAL PROJECT COSTS			42	10	10	10	10	10	10	10	10	10	10
	TOTAL EXPENDITURES			42	10	10	10	10	10	10	10	10	10	10
	REVENUES:													
	Interest			1	0	0	0	0	0	0	0	0	0	0
	REVENUE SUBTOTAL:			1	0	0	0	0	0	0	0	0	0	0
	TRANSFERS IN FROM:													
	General Fund		50	10	10	10	10	10	10	10	10	10	10	10
	TRANSFERS SUBTOTAL:			10	10	10	10	10	10	10	10	10	10	10
	REVENUE TOTALS:			11	10	10	10	10	10	10	10	10	10	10
	BEGINNING FUND BALANCE:			33	2	2	2	2	2	2	2	2	2	2
	ENDING FUND BALANCE:			2	2	2	2	2	2	2	2	2	2	2

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Replacement Equipment for Maintenance Services
Project No.: 7475
Fund 417 Maintenance Services Capital Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	18	42	10	10	10	10	10	10	10	10	10	10	160
Reimbursements													
Net Cost to Fund	18	42	10	10	10	10	10	10	10	10	10	10	160

MAP NOT APPROPRIATE

DESCRIPTION:

This project will allow for the purchase of maintenance-related items such as saws, trimmers, augers, grinders, and a generator.

JUSTIFICATION:

The existing cache of equipment wears out quickly due to heavy use and must be replaced on a regular, annual basis.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $10,000 each in FY21 & FY22 to allow project to continue.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
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Library and Community Services Capital Fund - Fund 418

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
TBD	Automated Materials Handling System - Main Library	700		0	700									
	Calpine Contribution	*700*			*700*									
	TOTAL PROJECT COSTS			0	700	0	0	0	0	0	0	0	0	0
	TOTAL EXPENDITURES			0	700	0	0	0	0	0	0	0	0	0
	REVENUES:													
	Interest			0	7	0	0	0	0	0	0	0	0	0
	Calpine Contribution				700									
	REVENUE SUBTOTAL:			0	707	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:			0	707	0	0	0	0	0	0	0	0	0
	BEGINNING FUND BALANCE:			0	700	7	7	7	7	7	7	7	7	7
	ENDING FUND BALANCE:			0	7	7	7	7	7	7	7	7	7	7

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Automated Materials Handling System-Main Library
Project No.: To Be Determined
Fund 418 Library and Community Services Capital Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	700										700
Reimbursements			(700)										
Net Cost to Fund	0	0	0										700

DESCRIPTION:

The proposed project will implement a state-of-the-art, automated materials handling (AMH) system in the existing Main Library facility.

JUSTIFICATION:

AMH systems save significant staff time and effort otherwise spent handling and sorting library materials by hand, thus freeing up staff for other tasks, such as helping children after school and providing direct customer service to the public.

MAP NOT APPROPRIATE

REIMBURSEMENTS:
Calpine Contribution 700

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CITY OF HAYWARD
HEART OF THE BAY

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Facilities Internal Service Fund - Fund 721

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7214	Energy Retrofits and Solar Power Installations	887	0	887										
	California Energy Commission Loan	887	*0*	*887*										
7202	Miscellaneous Flooring Replacement	404	29	2	20	115	0	28	0	210				
7211	Underground Storage Tank Upgrades and Certification	295	75	0	10	10	20	20	20	20	30	30	30	30
7201	HVAC Replacement/Various Units	297	67	10	190	0	30							
7210	Window Covering Replacement	98	12	20	16	0	0	50						
7203	Roof Repair/Replacement	783	102	91	75	0	0	105	0	0	0	410		
7209	Emergency Generator Replacements	210	100	55	0	0	0	0	0	0	55			
TBD	City Hall Camera System	50	0	0	50									
TBD	Fire Alarm/Smoke Detector Replacement	55	0	0	55									
TBD	Exterior Painting of City Facilities	127	0	0	0	55	0	0	0	72				
TBD	City Parking Garage Camera System	60	0	0	0	0	0	60						
TBD	Interior Painting of City Facilities	180	0	0	0	0	0	0	30	30	30	30	30	30
	TOTAL PROJECT COSTS			1,065	416	180	50	263	50	332	115	470	60	60
	TOTAL EXPENDITURES			1,065	416	180	50	263	50	332	115	470	60	60
	REVENUES:													
	Interest			7	1	0	2	2	4	4	4	5	4	9
	California Energy Commission Loan			887										
	REVENUE SUBTOTAL:			894	1	0	2	2	4	4	4	5	4	9
	TRANSFERS IN FROM:													
	Facility Charges from Fund 720	2,215	65	80	160	180	180	200	225	225	225	225	225	225
	TRANSFERS SUBTOTAL:			80	160	180	180	200	225	225	225	225	225	225
	REVENUE TOTALS:			974	161	180	182	202	229	229	229	230	229	234
	BEGINNING FUND BALANCE:			363	272	17	17	149	88	267	164	278	38	207
	ENDING FUND BALANCE:			272	17	17	149	88	267	164	278	38	207	381

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	29	2	20	115	0	28	0	210					404
Reimbursements													
Net Cost to Fund	29	2	20	115	0	28	0	210					404

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); and FY18 - City Hall.

JUSTIFICATION:

Flooring has reached the end of its useful life and needs replacement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $1,000 to project cost.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: Underground Storage Tank Upgrades and Certification
Project No.: 7211
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	75	0	10	10	20	20	20	20	30	30	30	30	295
Reimbursements													
Net Cost to Fund	75	0	10	10	20	20	20	20	30	30	30	30	295

DESCRIPTION:

This ongoing, annual project will replace all total containment product line and associated piping at various City-owned underground storage tanks.

JUSTIFICATION:

The project will remediate tanks that are currently not in compliance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $30,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	67	10	190	0	30								297
Reimbursements													
Net Cost to Fund	67	10	190	0	30								297

MAP NOT APPROPRIATE

DESCRIPTION:

Continuation of project to replace or repair HVAC units in City facilities, per the following schedule: FY13 Animal Control (split system units) and Police Department chillers; and FY15 - Landscape Division package unit.

JUSTIFICATION:

These units are reaching the end of their useful life, require maintenance, and have decreased in efficiency.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced project costs by $24,000.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: Window Covering Replacement
Project No.: 7210
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	12	20	12	0	0	50							94
Reimbursements													
Net Cost to Fund	12	20	12	0	0	50							94

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:

Increased total cost for project by $46,000 in order to add the replacement of vertical blinds at City Hall during FY16.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	102	91	75	0	0	105	0	0	0	410			783
Reimbursements													
Net Cost to Fund	102	91	75	0	0	105	0	0	0	410			783

MAP NOT APPROPRIATE

DESCRIPTION:

Continuation of project to replace or repair roofing on various City buildings, per the following schedule: FY12 & FY13 - Fleet Management & Fire Station 1; FY16 - Barnes Court; and FY20 - Police Department.

JUSTIFICATION:

Roofing at various locations requires extensive repair or replacement due to old age and/or deterioration.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total cost of project by $398,000 to accommodate roof repair at Police Department in FY20.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	100	55	0	0	0	0	0	0	55				210
Reimbursements													
Net Cost to Fund	100	55	0	0	0	0	0	0	55				210

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:

Reduced total cost of project by $3,000.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: City Hall Camera System
Project No.: To Be Determined
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	50										50
Reimbursements													
Net Cost to Fund	0	0	50										50

DESCRIPTION:

This project will allow for the installation of a new camera system for City Hall.

JUSTIFICATION:

The existing system is outdated and has limited functionality.

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 FY13 - FY22

CATEGORY: Equipment

Project Title: Fire Alarm/Smoke Detector Replacement
Project No.: To Be Determined
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	55										55
Reimbursements													
Net Cost to Fund	0	0	55										55

DESCRIPTION:

A new fire alarm/smoke detector system will be installed at the Police Department.

JUSTIFICATION:

The existing system is inoperable at this time.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: Exterior Painting of City Facilities
Project No.: To Be Determined
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	55	0	0	0	72					127
Reimbursements													
Net Cost to Fund	0	0	0	55	0	0	0	72					127

DESCRIPTION:

Project to re-paint the exterior of various City facilities.

JUSTIFICATION:

This project is part of the regular maintenance schedule performed on all City facilities.

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 FY13 - FY22

CATEGORY: Equipment

Project Title: City Parking Garage Camera System
Project No.: To Be Determined
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	60							60
Reimbursements													
Net Cost to Fund	0	0	0	0	0	60							60

DESCRIPTION:

This project will allow for the installation of a new camera system at the City Hall parking structure.

JUSTIFICATION:

The new system will increase the level of safety for both visitors and City staff.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Building/Miscellaneous

Project Title: Interior Painting of City Facilities
Project No.: To Be Determined
Fund 721 - Facilities Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	0	0	30	30	30	30	30	30	180
Reimbursements													
Net Cost to Fund	0	0	0	0	0	0	30	30	30	30	30	30	180

DESCRIPTION:

This project will allow for the annual painting of the interior of City buildings.

JUSTIFICATION:

Due to staff reductions, this service will need to be contracted out to a private firm.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

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Technology Services Internal Service Fund - Fund 726

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7254	CAD/RMS Replacement	3,624	2,640	984										
7258	Fire Station Video Conferencing System	220	0	220										
7260	Enterprise Content Management	50	0	50										
7261	Sharepoint Business Intelligence	150	0	150										
7255	Enterprise Resource Planning (ERP) System	4,110	130	1,210	1,550	940	140	140						
7253	Desktop Computer Replacement Program	1,750	643	107	100	100	100	100	100	100	100	100	100	100
7256	Public Safety Mobile Replacement Project	1,050	0	550	50	50	50	50	50	50	50	50	50	50
7257	Network Server Replacement Project	960	0	160	0	0	100	100	100	100	100	100	100	100
7259	Geographic Information System Improvements	275	0	75	0	0	25	25	25	25	25	25	25	25
	TOTAL PROJECT COSTS			3,506	1,700	1,090	415	415	275	275	275	275	275	275
	TOTAL EXPENDITURES			3,506	1,700	1,090	415	415	275	275	275	275	275	275
	REVENUES:													
	Interest			34	12	4	4	5	8	12	11	16	16	16
	Cell Tower Lease Revenue			18	18	18	18	18	18	18	18	18	18	18
	Urban Areas Security Initiative (UASI) Grant			220										
	REVENUE SUBTOTAL:			272	30	22	22	23	26	30	29	34	34	34
	TRANSFERS IN FROM:													
	Byrne Grant			354										
	Fund 410		100	100	320									
	General Fund			202	209	216	224	232	240	248				
	Information Technology Charges from Fund 725	1,717					200	204	208	212	216	221	225	230
	Sewer Operations (Fund 611) for ERP				124	124								
	Water Operating Fund (Fund 621) for ERP				153	153								
	Airport Operating Fund (Fund 631) for ERP				26	26								
	General Fund			1,935										
	TRANSFERS SUBTOTAL:			2,591	832	519	424	436	448	460	216	221	225	230
	REVENUE TOTALS:			2,863	862	541	446	459	474	490	245	255	259	264
	BEGINNING FUND BALANCE:			2,034	1,391	553	4	35	79	278	493	464	444	428
	ENDING FUND BALANCE:			1,391	553	4	35	79	278	493	464	444	428	417

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Enterprise Resource Planning System
Project No.: 7255
Fund 726 - Technology Services Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	130	1,210	1,550	940	140	140							4,110
Reimbursements													
Net Cost to Fund	130	1,210	1,550	940	140	140							4,110

MAP NOT APPROPRIATE

DESCRIPTION:

This project will serve to install a new financial system; additional funding will be added to the project over time.

JUSTIFICATION:

The existing financial system is over 20 years old and lacks the capacity to adjust or conform to the current needs and requirements mandated by Finance and other agencies.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased total cost for project by $610,000 due to more refined estimates.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equip Acquisition/Misc

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 FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	643	107	100	100	100	100	100	100	100	100	100	100	1,750
Reimbursements													
Net Cost to Fund	643	107	100	100	100	100	100	100	100	100	100	100	1,750

MAP NOT APPROPRIATE

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Reduced project by $50,000 per year from FY13-FY20 as the cost to purchase computers has steadily decreased; added $100,000 each in FY21 & FY22 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Public Safety Mobile Replacement Project
Project No.: 7256
Fund 726 - Technology Services Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	550	50	50	50	50	50	50	50	50	50	50	1,050
Reimbursements													
Net Cost to Fund	0	550	50	50	50	50	50	50	50	50	50	50	1,050

MAP NOT APPROPRIATE

DESCRIPTION:

This project will partially fund the systematic replacement of Public Safety's mobile computer units.

JUSTIFICATION:

The majority of the mobile computer units in use by the City are more than four years old and are now considered obsolete according to industry standards.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $50,000 each in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Network Server Replacement Project
Project No.: 7257
Fund 726 - Technology Services Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	160	0	0	100	100	100	100	100	100	100	100	960
Reimbursements													
Net Cost to Fund	0	160	0	0	100	100	100	100	100	100	100	100	960

MAP NOT APPROPRIATE

DESCRIPTION:

This project will partially fund the systematic replacement of network servers.

JUSTIFICATION:

The majority of the servers in use by the City are more than four years old and are now considered obsolete according to industry standards.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $100,000 each in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Equipment

Project Title: Geographic Information System Improvements
Project No.: 7259
Fund 726 - Technology Services Internal Service Fund

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	75	0	0	25	25	25	25	25	25	25	25	275
Reimbursements													
Net Cost to Fund	0	75	0	0	25	25	25	25	25	25	25	25	275

DESCRIPTION:

This project will fund improvements to the Citywide (including public safety) GIS system.

JUSTIFICATION:

Improvements to the City's GIS system will allow users to access the most recent information available as well as improve the software's functionality and interfacing with other software programs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added $25,000 each in FY21 & FY22 to continue this project.

OPERATING BUDGET IMPACTS:

CITY OF HAYWARD
HEART OF THE BAY

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Fleet Management GF Capital Fund - Fund 731

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7301	Vehicle Replacement Needs - Fire	13,065	3,307	140	203	675	732	869	2,052	880	867	925	1,514	901
7303	Vehicle Replacement Needs - Police	9,585	360	922	550	550	625	875	893	930	906	1,053	887	1,034
7302	Vehicle Replacement Needs - Other General Fund	6,038	818	0	280	276	164	300	300	700	800	800	800	800
	TOTAL PROJECT COSTS			1,062	1,033	1,501	1,521	2,044	3,245	2,510	2,573	2,778	3,201	2,735
	TOTAL EXPENDITURES			1,062	1,033	1,501	1,521	2,044	3,245	2,510	2,573	2,778	3,201	2,735
	REVENUES:													
	Interest			0	0	0	0	0	0	0	5	17	18	20
	Insurance Reimbursement			61	0	0	0	0	0	0	0	0	0	0
	Auction Proceeds			10	10	10	10	10	10	10	10	10	10	10
	REVENUE SUBTOTAL:			71	10	10	10	10	10	10	15	27	28	30
	TRANSFERS IN FROM:													
	Funds from Loan Financing	8,695	4,171	814	520	900	510	550	1,230					
	Transfer from Fire Capital (416)			134										
	General Fund (100)	20,100		0	500	600	1,000	1,500	2,000	2,500	3,000	3,000	3,000	3,000
	TRANSFERS SUBTOTAL:			948	1,020	1,500	1,510	2,050	3,230	2,500	3,000	3,000	3,000	3,000
	REVENUE TOTALS:			1,019	1,030	1,510	1,520	2,060	3,240	2,510	3,015	3,027	3,028	3,030
	BEGINNING FUND BALANCE:			48	5	2	11	10	26	21	21	463	712	539
	ENDING FUND BALANCE:			5	2	11	10	26	21	21	463	712	539	834

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CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Fire
Project No.: 7301
Fund 731 Fleet Management General Fund Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	3,307	140	203	675	732	869	2,052	880	867	925	1,514	901	13,065
Reimbursements													
Net Cost to Fund	3,307	140	203	675	732	869	2,052	880	867	925	1,514	901	13,065

MAP NOT APPROPRIATE

DESCRIPTION:

Project represents the annual funding needed for the replacement of those fire units which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by $3,036,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Fire vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Police
Project No.: 7303
Fund 731 Fleet Management General Fund Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	360	922	550	550	625	875	893	930	906	1,053	887	1,034	9,585
Reimbursements													
Net Cost to Fund	360	922	550	550	625	875	893	930	906	1,053	887	1,034	9,585

MAP NOT APPROPRIATE

DESCRIPTION:

Project represents the annual funding needed for the replacement of those police units which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added a total of $1,215,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Police vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Other General Fund
Project No.: 7302
Fund 731 Fleet Management General Fund Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	818	0	280	276	164	300	300	700	800	800	800	800	6,038
Reimbursements													
Net Cost to Fund	818	0	280	276	164	300	300	700	800	800	800	800	6,038

MAP NOT APPROPRIATE

DESCRIPTION:

Project represents the annual funding needed for the replacement of those vehicles which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by $1,743,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of non-public safety vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CITY OF HAYWARD
HEART OF THE BAY

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Fleet Management Enterprise Capital Fund - Fund 732

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
7353	Vehicle Replacement Needs - Water	3,187	0	561	286	120	200	200	400	300	120	300	200	500
7350	Vehicle Replacement Needs - Airport	710	0	71	71	71	71	0	142	0	142	0	142	
7352	Vehicle Replacement Needs - Sewer	2,840	0	0	590	175	175	175	300	175	450	400	200	200
7351	Vehicle Replacement Needs - Stormwater	995	0	0	0	0	50	50	240	240	0	175	0	240
	TOTAL PROJECT COSTS			632	947	366	496	425	1,082	715	712	875	542	940
	TOTAL EXPENDITURES			632	947	366	496	425	1,082	715	712	875	542	940
	REVENUES:													
	Interest			22	13	14	32	37	37	33	33	47	48	48
	REVENUE SUBTOTAL:			22	13	14	32	37	37	33	33	47	48	48
	TRANSFERS IN FROM:													
	Vehicle Capital Charges from Fund 631 (Airport)	852	71	71	71	71	71	71	71	71	71	71	71	71
	Vehicle Capital Charges from Fund 602 (Stormwater)	1,020	85	85	85	85	85	85	85	85	85	85	85	85
	Vehicle Capital Charges from Fund 612 (Sewer)	3,230	240	240	590	240	240	240	240	240	240	240	240	240
	Vehicle Capital Charges from Fund 621 (Water)	3,432	286	286	286	286	286	286	286	286	286	286	286	286
	TRANSFERS SUBTOTAL:			682	1,032	682	682	682	682	682	682	682	682	682
	REVENUE TOTALS:			704	1,045	696	714	719	719	715	715	729	730	730
	BEGINNING FUND BALANCE:			684	756	854	1,184	1,402	1,696	1,333	1,333	1,336	1,190	1,378
	ENDING FUND BALANCE:			756	854	1,184	1,402	1,696	1,333	1,333	1,336	1,190	1,378	1,168

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Water
Project No.: 7353
Fund 732 Fleet Management Enterprise Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	561	286	120	200	200	400	300	120	300	200	500	3,187
Reimbursements													
Net Cost to Fund	0	561	286	120	200	200	400	300	120	300	200	500	3,187

MAP NOT APPROPRIATE

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles in the Water division which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by $739,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Airport
Project No.: 7350
Fund 732 Fleet Management Enterprise Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	71	71	71	71	0	142	0	142	0	142		710
Reimbursements													
Net Cost to Fund	0	71	71	71	71	0	142	0	142	0	142		710

MAP NOT APPROPRIATE

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles at the Airport which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by $23,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Airport vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Sewer
Project No.: 7352
Fund 732 Fleet Management Enterprise Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	590	175	175	175	300	175	450	400	200	200	2,840
Reimbursements													
Net Cost to Fund	0	0	590	175	175	175	300	175	450	400	200	200	2,840

MAP NOT APPROPRIATE

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles in the Sewer division which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by $884,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Sewer Division vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY13 - FY22

CATEGORY: Fleet Management

Project Title: Vehicle Replacement Needs - Stormwater
Project No.: 7351
Fund 732 Fleet Management Enterprise Capital

($ IN $1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTALS
Expenditures	0	0	0	0	50	50	240	240	0	175	0	240	995
Reimbursements													
Net Cost to Fund	0	0	0	0	50	50	240	240	0	175	0	240	995

MAP NOT APPROPRIATE

DESCRIPTION:

Project will fund, on an annual basis, the replacement of those vehicles in the Stormwater division which have reached the end of their useful life.

JUSTIFICATION:

City vehicles are scheduled for replacement on a regular basis in order to avoid costly repairs caused by age and extensive use.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased appropriations by $363,000 from FY13 through FY22 in order to better reflect needed funding requirements for the replacement of Stormwater Division vehicles which have reached the end of their useful life.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

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IDENTIFIED CAPITAL NEEDS

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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.

TECHNOLOGY SERVICES PROJECTS

1. Business Intelligence Software — 150,000
   Software will allow the Finance Department to process information pertaining to financial-related management functions.
   2008 Technology Strategic Plan

2. Enterprise Resource Planning (ERP) System - **funded in CIP for FY13-FY16** — 0
   Replace existing financial system with system-wide integrated ERP.
   2008 Technology Strategic Plan

3. Public Safety Mobile Replacement Project — 1,500,000
   45 of the units will need to be replaced within the next two fiscal years.
   FY 2011 CIP New Project Requests
   ($1,050,000 of amount funded in CIP)

4. Network Server Replacement Project - **funded in CIP for FY15-FY22** — 0
   Replacement of server with newer, more current technology.
   FY 2012 CIP New Project Requests

5. Network Infrastructure Replacement Project — 1,000,000
   Replacement of network infrastructure with newer, more current technology that has increased capacity.
   Most recent estimate reflected $600,000 in FY15; costs now reflect $100,000 per year from FY13-FY22.
   FY 2011 CIP New Project Requests (increased amount on FY13 Project Request Form)
   ($960,000 of amount funded in CIP)

6. Large Format Plotters Replacement Project — 150,000
   Replacement of plotters with newer, more current technology.
   Added $15,000 per year in FY21 and FY22 to continue annual project.
   FY 2011 CIP New Project Requests (increased amount on FY13 Project Request Form)

7. High Volume/Specialized Printers Replacement Project — 80,000
   Replacement of printers with newer, more current technology.
   FY 2011 CIP New Project Requests

8. VOIP Telephone Replacement Project — 500,000
   The current system will need to replaced in order to keep current with the newest technology available on the market.
   Most recent estimate reflected $80,000 in FY13 and $10,000 per year from FY14-FY20; costs now reflect $50,000 per year from FY13-FY22.
   FY 2011 CIP New Project Requests (increased amount on FY13 Project Request Form)

9. Citywide Audio/Visual Equipment Replacement Project — 240,000
   Replacement of audio/visual equipment with newer, more current technology.
   FY 2011 CIP New Project Requests

TECHNOLOGY SERVICES PROJECTS (Continued)

		FY13 Total
10.	High Speed Outbound Notification Emergency Communications System Development of an outbound notification emergency communications system. Most recent estimate reflected $38,000 per year from FY12-FY20; costs now reflect $40,000 per year from FY13-FY22. *FY 2012 CIP New Project Requests (increased amount on FY13 Project Request Form)*	400,000
11.	Network File Share and Backup System Replacement of Citywide network file share and backup system with newer, more current technology that has increased capacity. Most recent estimate reflected $200,000 per year from FY12-FY20; costs now reflect $500,000 each year in FY13-FY14. *FY 2012 CIP New Project Requests (reduced amount on FY13 Project Request Form)*	1,000,000
12.	Geographic Information System (GIS) Improvements Project will improve the Citywide and public safety GIS systems. *FY 2012 CIP New Project Requests* ***($275,000 of amount funded in CIP)***	375,000
13.	Sharepoint Business Intelligence and Enterprise Content Management - **funded in CIP and completed in FY12** Implementation of Citywide Sharepoint Business Intelligence and Enterprise Content Management. *FY 2012 CIP New Project Requests*	0
14.	Enterprise Mobility Implementation of Citywide Enterprise Mobility Initiatives (i.e. iPads, etc.). Most recent estimate reflected $25,000 per year in FY12, FY14, and FY16; costs now reflect $45,000 in FY13 and $25,000 per year in FY15, FY17, FY19, and FY21. *FY 2012 CIP New Project Requests (increased amount on FY13 Project Request Form)*	145,000
15.	Wireless Point-to-Point Infrastructure Replacement Project Replacement of Citywide wireless network infrastructure. *FY 2013 CIP New Project Requests*	750,000
16.	Network Monitoring System Acquisition of a Citywide network monitoring system. *FY 2013 CIP New Project Requests*	470,000
17.	Self-Service Computer Kiosk Upgrades Upgrade of self-service computer kiosks at PD, City Hall, Downtown, and Animal Control. *FY 2013 CIP New Project Requests*	80,000
18.	Public Safety Tech Services Vehicle Acquisition of a vehicle for Public Safety Tech Services support use. *FY 2013 CIP New Project Requests*	30,000
19.	EOC Software System Training Complete user training on EOC NC4 System. *FY 2013 CIP New Project Requests*	100,000
20.	Other General Fund Technology Needs Project will address other identified, General Fund-related technology needs. Most recent estimate reflected $50,000 per year from FY12-FY20; costs now reflect $150,000 per year from FY13-FY22. *FY 2012 CIP New Project Requests (increased amount on FY13 Project Request Form)*	1,500,000
		$ 6,185,000

FACILITIES PROJECTS

	FY13 Total
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. *2008 Police Department Strategic Plan*	85,000,000
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. *FY 2010 Identified Needs List for CIP*	850,000
3. New Fire Station #7 A new fire station is needed in order to replace the existing portable buildings, which are showing "wear and tear". Cost for design portion of project ($400,000) is included in Fund 416 of CIP. *FY 2010 Identified Needs List for CIP (increased amount on FY13 Project Request Form)*	7,400,000
4. Drill Grounds Renovations - Fire Station #6 Replace aging and deteriorating training grounds, classrooms, offices, tower, burn building, simulators, apparatus housing and recruit living quarters. *FY 2010 Identified Needs List for CIP*	8,200,000
5. New Fire Station #9 A new fire house would be built on the south end of Campus Drive. Updated due to more current cost estimate. *FY 2010 Identified Needs List for CIP (increased amount on FY13 Project Request Form)*	5,500,000
6. Solar Carport Between Fleet Management and Streets As part of the City's efforts to utilize green technology whenever possible, project would install a solar carport at the Maintenance Yard. *FY 2011 New Project Requests*	750,000
	$ 107,300,000
Facility Maintenance and Improvement Projects	
1. Lighting Retrofit at City Hall and Police Department - **completed in FY12 through a loan from Community and Economic Development** Lamps and ballasts that utilize the newest available technology would save the City $45,000 per year on energy costs. *FY 2010 Identified Needs List for CIP*	0
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. *FY 2010 Identified Needs List for CIP*	30,000
3. Replace Surveillance Camera System at City Hall - **funded in CIP for FY13** Replace 12-year old camera system in the basement and plaza areas of City Hall. Updated due to more current cost estimate. *FY 2010 Identified Needs List for CIP (increased amount on FY13 Project Request Form)*	0
4. Painting Projects - Fire Station No. 1 and Police Dept. Project would allow for the painting of Fire Station #1 and the Police Department. *FY 2010 Identified Needs List for CIP (included PD and increase amount on FY13 Project Request Form)*	127,000

Facility Maintenance and Improvement Projects (Continued)	FY13 Total
5. 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. *FY 2010 Identified Needs List for CIP*	15,000
6. Animal Control Air Conditioning Project - **completed in FY12 through use of CDBG funding and Facilities operating funds** Provide air conditioning to wards, staff areas and public viewing areas. *FY 2010 Identified Needs List for CIP*	0
7. Equipment Yard Metal Canopy Installation of a canopy across the five roll-up doors at Fleet Management. *FY 2010 Identified Needs List for CIP*	59,000
8. Permanent EOC Facility - Fire Station #1 An existing conference room at Fire Station #1 would be converted into a Fire Department EOC. Updated due to more current cost estimate. *FY 2010 Identified Needs List for CIP (increased amount on FY13 Project Request Form)*	350,000
9. Station #1 Carport Construct a 20' by 30' covered parking area with a charging station. *FY 2010 Identified Needs List for CIP*	25,000
10. Station #1 Storage Building Construct a storage building located near the rear of fire station #1. *FY 2010 Identified Needs List for CIP*	350,000
11. Remodel of Stations 2, 3, 4, 5, 6, and 1 Each station is in need of remodeling, which includes items such as floor coverings, makeover of bathrooms, painting, and window & wall coverings. *FY 2010 Identified Needs List for CIP (addition of Station 1 on FY13 Project Request Form)*	1,200,000
12. Fire Station #1 Carpeting Replace all carpeted areas within Fire Station #1. Updated due to more current cost estimate. *FY 2010 Identified Needs List for CIP (decreased amount on FY13 Project Request Form)*	35,000
13. 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. *FY 2010 Identified Needs List for CIP*	500,000
14. Fire Stations #3 and #4 Landscaping Replace existing landscaping and aging sprinkler system. *FY 2010 Identified Needs List for CIP*	16,000
15. 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. *FY 2010 Identified Needs List for CIP*	20,000

Facility Maintenance and Improvement Projects (Continued)

		FY13 Total
16.	Awning for Patio at Fire Station No. 1 The awning would protect fitness equipment from the elements as well as increase the amount of square footage available for workouts. *FY 2011 New Project Requests*	10,000
17.	Fire Alarm Smoke Detectors at Police Department - **funded in CIP for FY13** Replace smoke detector system at Police Department. Updated due to more current cost estimate. *FY 2011 New Project Requests (increased amount on FY13 Project Request Form)*	0
18.	Surveillance Camera System (at City Hall Parking Structure) - **funded in CIP for FY16** The installation of a surveillance camera system at the City's parking structure on Watkins will improve security. Updated due to more current cost estimate. *FY 2011 New Project Requests (increased amount on FY13 Project Request Form)*	0
19.	Interior Painting Projects - **funded in CIP for FY13 and FY17-FY22** Interior painting of City facilities. *FY 2013 New Project Requests*	0
20.	Refurbishment of Fire Burn Building Extensive restoration and/or replacement of drill ground facilities. *FY 2013 New Project Requests*	925,000
21.	Replacement or Remodel of Fire Training Classrooms, Offices, and Fire Simulation Room Replace or remodel training classrooms, offices, and fire simulation room. *FY 2013 New Project Requests*	2,000,000
22.	Replacement of Training Tower Replace existing tower, which was built in mid 1970's and is deteriorating. *FY 2013 New Project Requests*	2,500,000
23.	Replacement of Training Apparatus, Recruit Classroom and RACES Operation Structure Replace the existing training apparatus housing area, recruit living quarters, and RACES emergency operating center. *FY 2013 New Project Requests*	150,000
24.	Fitness Room Conversion at Fire Station #2 Conversion of a dormitory and small work space that is not being used into an exercise area. *FY 2013 New Project Requests*	20,000
25.	Emergency Command Vehicle Purchase of a "Code 3" equipped vehicle each year, for use by HFD Command Staff. *FY 2013 New Project Requests*	760,000
26.	Training Cargo Trailer Purchase an enclosed cargo trailer for easier transport of training equipment to remote training locations. *FY 2013 New Project Requests*	35,000
27.	Maintenance of Fire Training Classrooms, Offices, and Fire Simulation Room Ongoing maintenance of training classrooms, offices, and fire simulation room. *FY 2013 New Project Requests*	100,000
28.	Maintenance of Training Tower Necessary maintenance of the aging and deteriorating training tower. *FY 2013 New Project Requests*	225,000

Facility Maintenance and Improvement Projects (Continued)	FY13 Total
29. Maintenance of Training Apparatus, Recruit Classroom and RACES Operation Structure Maintain existing training apparatus housing area, recruit living quarters, and RACES emergency operating center. *FY 2013 New Project Requests*	50,000
30. CISCO Video Conference Monitors Purchase three CISCO Tele-Presence Monitors to complete implementation of departmental wide video conference system. *FY 2013 New Project Requests*	40,000
	$ 9,542,000

VEHICLE REPLACEMENT NEEDS - **(unfunded needs shown in Fund 731)**

STREET IMPROVEMENT PROJECTS

1. Walpert Street Improvement - Second Street to Fletcher Lane Widening and reconstruction of Walpert Street from Second Street to Fletcher Lane. *1992 Mission Foothills Neighborhood Plan*	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. *1994 North Hayward Neighborhood Plan*	274,000
3. City-owned Bridge Maintenance/Repair Maintenance and repair of the following bridges: Whitman Street overcrossing, San Lorenzo Creek, A Street viaduct, and Meekland Avenue undercrossing. All 4 bridges were identified by Caltrans as in need of repair. *FY 2012 CIP New Project Requests*	175,000
4. Huntwood - Industrial Parkway to Tennyson Road - Medians Construct medians *1989 Tennyson/Alquire Neighborhood Plan*	1,175,000
5. Streetscape Project - C Street from Grand to Filbert Streetscape project includes the following improvements: median construction, narrowing of street width, and widening of sidewalks. *FY 2012 CIP New Project Requests*	2,100,000
6. Streetscape Project - Main Street from D Street to McKeever Streetscape project includes the following improvements: median construction, narrowing of street width, widening of sidewalks, and bike lane construction. *FY 2012 CIP New Project Requests*	1,600,000
7. Streetscape Project - Dixon Street from Valle Vista to Industrial Parkway Streetscape project includes the following improvements: median construction, narrowing of street width, widening of sidewalks, and bike lane construction. *FY 2012 CIP New Project Requests*	3,250,000
	$ 9,205,000

Alternate Modes Projects	FY13 Total
1. Implementation of Bicycle Master Plan Improvements Construct bike paths to link existing bike path along Industrial Parkway and Mission. *1996 Fairway Park Neighborhood Plan*	101,000
2. Carlos Bee Boulevard/Hayward Boulevard/Campus Drive Sidewalks Completion of sidewalks and walkways along these major arterials. *1998 Hayward Highlands Neighborhood Plan*	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. *1995 Santa Clara Neighborhood Plan*	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. *1989 Harder/Tennyson Neighborhood Plan*	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. *2001 Cannery Area Design Plan*	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. *2007 South Hayward BART Concept Design Plan*	1,500,000
7. Tennyson-UPRR Grade Separation at Whitman Construction of an underpass at Whitman near the Tennyson-UPRR crossing. *FY 2012 CIP New Project Requests*	15,000,000
	$ 21,074,000

INDUSTRIAL AREA PROJECTS

1. Whitesell/Clawiter/Route 92 Interchange Construction of a new interchange with a Whitesell Drive overcrossing of Route 92. *2002 General Plan Circulation Element*	52,000,000
2. I-880/Industrial Parkway Interchange - Phase 1 Construction of a northbound off-ramp from I-880 to Industrial Parkway. *SR 84 Study/City Circulation Element/LATIP*	14,000,000
3. I-880/Industrial Parkway Interchange - Phase 2 Construction of a southbound loop off-ramp, replacement of the existing bridge over I-880 and providing for routine accommodation of bicyclists. *SR 84 Study/City Circulation Element/LATIP*	29,000,000

INDUSTRIAL AREA PROJECTS (continued)	FY13 Total
4. I-880/West A Street Interchange Reconstruction of interchange to accommodate widening under the bridge. *City Circulation Element/LATIP*	27,000,000
5. I-880/Winton Avenue Reconstruction of interchange to create a partial cloverleaf interchange and creation of a new connection to Southland Mall Drive. *City Circulation Element/LATIP*	25,000,000
6. Route 92/Industrial Boulevard Interchange Widening of the westbound to southbound loop off-ramp and local street conform and striping improvements on Industrial Boulevard to accommodate the existing lane. *LATIP*	6,000,000
7. I-880/Whipple Road Interchange Expansion of the northbound on-ramp to provide 2 lanes. Includes an HOV bypass lane, which could accommodate trucks as well. *LATIP*	13,500,000
8. Whitesell/Breakwater Traffic Signal Installation of traffic signal. *2002 General Plan Circulation Element*	312,000
10. Baumberg Avenue Widening *2002 General Plan Circulation Element*	1,297,000
	$ 168,109,000

TRANSPORTATION IMPROVEMENT PROJECTS	
1. Traffic Signal - Hesperian/Catalpa *1996 Glen Eden Neighborhood Plan*	400,000
2. I-880 Southbound Off Ramps at A Street Install dual right turn lane. *2002 General Plan Circulation Element*	179,000
3. Industrial Parkway/Route 92 Westbound Ramp Install dual left turn lane. *2002 General Plan Circulation Element*	444,000
4. "A" Street to "D" Street Connector Add two-lane road at Fourth Street. *2002 General Plan Circulation Element*	2,545,000
5. Protected Left Turn Phase for Hesperian/Arf/Panama *1996 Glen Eden Neighborhood Plan*	99,000
	$ 3,667,000

AIRPORT PROJECTS	FY13 Total
1. Airport Monument and ADA Accessible Seating Area - **funded in CIP for FY13 as part of the new Airport administration building project** The existing granite plaque, which inscribes the names of tenants who have made significant contributions to the Airport, is full and more space is needed. In addition, the Airport is lacking common ADA-accessible seating in the flagpole area outside the Administration offices. *FY 2012 CIP New Project Requests*	0
2. Airfield Striping Project - **funded in CIP for FY13** The current airfield markings are considered non-standard by the FAA and Caltrans Division of Aeronautics. *FY 2012 CIP New Project Requests*	0
	$ 0

POLICE PROJECTS	
1. Command Vehicle Replacement The City's backup Dispatch and Emergency Command Post is in a 20-year old motorhome that is without any replacement fund. *FY 2012 CIP New Project Requests*	400,000
2. Report Writing Room Chairs - **funded in CIP for FY13-FY22** The Police Report Writing Room has 10 chairs that receive heavy, continuous use and have a lifespan of 2 years. *FY 2012 CIP New Project Requests* *(Funded in FY13 CIP)*	0
3. Wearable Police Video Cameras - **funded in CIP for FY13** Replacement of police officers' digital audio recorders. *FY 2013 CIP New Project Requests*	0
	$ 400,000

IDENTIFIED CAPITAL NEEDS TOTAL	**$ 325,482,000**

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