



2019-2028

capital improvement program

ADVANCING CITY COUNCIL PRIORITIES:



SAFE



CLEAN



GREEN



THRIVE



ADOPTED FY 2019 – FY 2028 CAPITAL IMPROVEMENT PROGRAM

Interim Director of Public Works: Alex Ameri

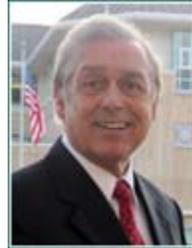
Prepared by: Department of Public Works
Lucky Narain, Sr. Management Analyst
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ELECTED OFFICIALS

The Mayor and six Council members represent Hayward residents, adopt public policy, and approve resource allocations consistent with community priorities. The City Council generally meets the first, third, and fourth Tuesday of each month at 7:00 p.m. in Council Chambers, 2nd Floor of 777 B Street, Hayward, CA 94541. The public is invited and encouraged to attend Council meetings.



Barbara Halliday
Mayor
Term Expires 2018



Marvin Peixoto
Council Member
Term Expires 2018



Sara Lamnin
Council Member
Term Expires 2018



Mark Salinas
Council Member
Term Expires 2020



Elisa Márquez
Council Member
Term Expires 2020



Francisco Zermeño
Council Member
Term Expires 2020



Al Mendall
Council Member
Term Expires 2020

ADMINISTRATIVE STAFF

Appointed by City Council

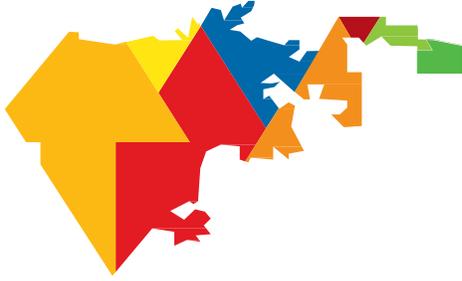
| | |
|---------------|----------------|
| City Manager | Kelly McAdoo |
| City Attorney | Michael Lawson |
| City Clerk | Miriam Lens |

Department Directors

| | |
|---|-------------------------|
| Assistant City Manager | Maria Hurtado |
| Development Services | Stacy Vallejo |
| Finance | Dustin Claussen |
| Fire | Chief Garrett Contreras |
| Human Resources | Nina Morris Collins |
| Information Technology | Adam Kostrzak |
| Library & Community Services | Sean Reinhart |
| Maintenance Services | Todd Rullman |
| Police | Chief Mark Koller |
| Public Works - Engineering & Transportation | Alex Ameri (Interim) |
| Utilities & Environmental Services | Alex Ameri |

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Transmittal Letter

May 22, 2018

Honorable Mayor and City Council:

This letter serves to transmit the FY 2019 – FY 2028 Capital Improvement Program (CIP) for your consideration. The CIP has been reviewed by the Council Infrastructure Committee and the Planning Commission for conformance with the City’s General Plan.

I. CIP Overview and Process

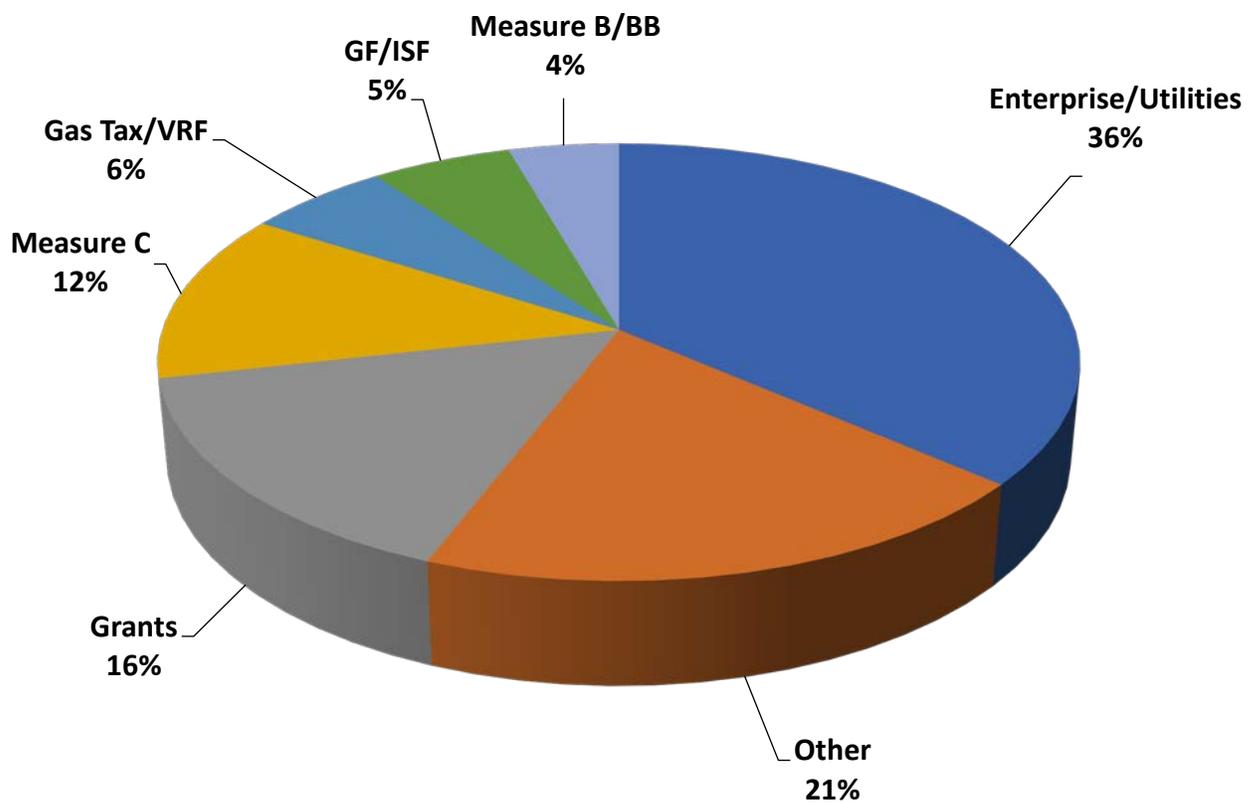
The City of Hayward’s CIP is a planning document for the upcoming ten-year period that supports the City Council’s priorities of Safe, Clean, Green, and Thrive. It is a one-year budget separate from the City’s operating budget and contains revenue and expenditure estimates for public infrastructure projects. Projects may include infrastructure (street construction and improvements, sewer and water systems upgrades, and storm drains), seismic retrofitting of public facilities, constructing public buildings, airport projects, replacement of major equipment, clean and renewable energy generation, and other miscellaneous projects.

The CIP development process is comprehensive and includes review by various committees and commissions. The CIP process begins with preparation of projects and related cost estimates by staff to meet the requirements of the City’s General Plan, specific plans, master plans, and guidance and direction of Council and the needs of the community. The capital project funding requests are then submitted for evaluation to an internal capital projects review committee. The Recommended Ten-Year CIP is compiled and presented to the Council Infrastructure Committee for review and input, the Planning Commission for conformance with the General Plan, and then review by Council at a work session. The public has the opportunity to provide comments at each of these meetings as well as at the final public hearing in May. Finally, the capital spending plan for the upcoming year is adopted by Council via resolution.

II. CIP Funding

The CIP includes approximately 264 projects that are supported through a variety of funding sources. A portion of the projects in the CIP are funded by restricted-use funds, such as Gas Tax, Measure B, Measure BB, Measure C, and Enterprise (e.g., Sewer, Water, and Airport) funds. In years in which the General Fund can support capital projects, it provides a source of revenue for general capital needs. In recent years, City staff has been successful in obtaining capital project financing from outside funding sources, such as state and federal grant programs.

FY 2019 CIP PROJECT COST BY FUNDING SOURCE



CIP projects are funded and programmed through one or more of the following 22 funds that make up the CIP fund portfolio. Of significant note is the Road Repair and Accountability Act (RRAA) of 2017 (Fund 211) that increased gasoline and diesel taxes and the Vehicle Registration fee to provide additional funding for street and road maintenance as well as major transportation projects.

| CIP FUND PORTFOLIO | |
|--------------------|--|
| 1 | 210/Gas Tax Fund - Revenue is based on taxes from fuel sales in California for street maintenance and rehabilitation . |
| 2 | 211/Roadway Repair & Accountability Act (SB1) - SB1 is new gas tax legislation, which generates funds for street maintenance and rehabilitation and critical safety roadway projects . |
| 3 | 212/Measure BB (Local Transportation) - Measure BB is an Alameda County sales tax, which renewed the 0.5 percent transportation sales tax (Measure B) and increased it another 0.5 percent. These funds support transportation capital improvements for surface streets and upgrading local transportation infrastructure . |
| 4 | 213/Measure BB (Pedestrian & Bicycle) – Projects using this fund specifically address bicycle and pedestrian access, convenience, safety, and usage . |
| 5 | 215/Measure B (Local Transportation) - Alameda County 0.5 percent transportation sales tax, which sunsets in FY 22 funds transportation capital improvements for surface streets and upgrading local transportation infrastructure . |
| 6 | 216/Measure B (Pedestrian & Bicycle) - Funds are restricted to bicycle and pedestrian access, safety, and usage projects . |
| 7 | 218/Vehicle Registration Fee Fund - Revenue from the Alameda County annual \$10 vehicle registration fees are used for local transportation projects that have a relationship or benefit to owners of vehicles paying the fee . |
| 8 | 401/Strategic Initiatives Capital - Revenue from the General Fund for City Strategic Initiative projects . |
| 9 | 405/Capital Projects (Governmental) Fund - Funded through the General Fund, Construction tax, Mutual Aid Overhead and grants for non-discretionary projects . |
| 10 | 406/Measure C Capital Projects - City of Hayward half percent sales tax for CIP projects, including restoration and maintenance of City services and facilities . |
| 11 | 410/Route 238 Corridor Improvement Fund - Revenue derives from the Local Area Transportation Improvement Program (LATIP) and the PG&E Rule 20A Program for the Mission Boulevard Corridor Improvement Project - Phases 2 and 3 . |
| 12 | 450/Street System Improvements Fund - Transfers from General Fund, Measure B/BB Funds, and Fund 210, Fund 410 for street maintenance and rehabilitation projects . |
| 13 | 460/Transportation System Improvement Fund - Revenue derives from taxes, for specified improvements to residential or commercial property primarily for transportation improvement projects, but any capital expenditure use is permitted . |
| 14 | 603/Water Replacement Fund - Transfers from Water Operations for projects related to the water system . |
| 15 | 604/Water Improvement Fund - Transfers from Water Operations for projects related to the water system . |
| 16 | 611/Sewer Replacement Fund - Transfers from Sewer Operations for projects related to the sewer system . |
| 17 | 612/Sewer Improvement Fund - Transfers from Sewer Operations for projects related to the sewer system . |
| 18 | 621/Airport Capital Fund - Transfers from Airport Operations for projects related to airport projects . |
| 19 | 726/Facilities Capital Fund - Funded through Internal Service Fees (ISF) for projects to improve the City's buildings . |
| 20 | 731/Technology Capital Fund - Funded through ISF to improve the City's information technology infrastructure . |
| 21 | 736/Fleet Management Capital Fund - Funded through ISF for vehicle purchases . |
| 22 | 737/Fleet Management Enterprise Fund - Funded through enterprise fund transfers for enterprise vehicle purchases . |

Five of the 22 Capital Improvement funds rely on transfers from the General Fund for project expenses:

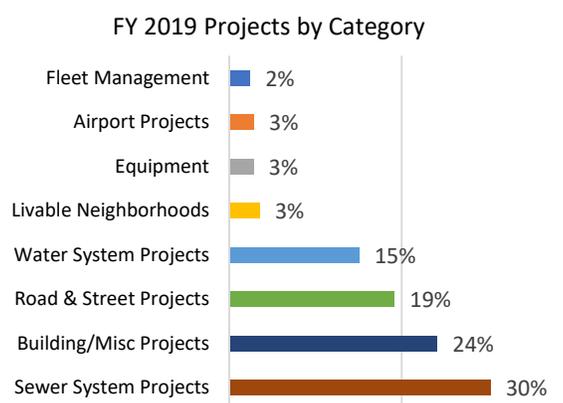
| CIP Fund | FY 2018 GF Transfer | FY 2019 GF Transfer | Increase/Decrease from FY 2018 CIP |
|--|---------------------|---------------------|------------------------------------|
| 401/Strategic Initiatives Projects (NEW) | \$0 | \$156,000 | \$156,000 |
| 405/Capital Projects Governmental | \$279,000 | \$958,000 | \$669,000 |
| 460/Transportation System Improvements | \$450,000 | \$350,000 | (\$100,000) |
| 726/Facilities Management Capital | \$125,000 | \$280,000 | \$155,000 |
| 731/Information Technology Capital | \$1,859,000 | \$1,500,000 | (\$359,000) |
| Total Cost to General Fund | \$2,713,000 | \$3,244,000 | \$211,000 |

Three of the CIP funds also use Internal Service Fund fees (ISF) to finance project expenses. ISF are collected from other department’s operating budgets and are considered General Fund expenses.

| CIP Fund | FY 2018 ISF | FY 2019 ISF | Increase/Decrease from FY 2018 CIP |
|------------------------------------|--------------------|--------------------|------------------------------------|
| 726/Facilities Management Capital | \$166,000 | \$300,000 | \$134,000 |
| 731/Information Technology Capital | \$622,000 | \$630,000 | \$8,000 |
| 736/Fleet Management Capital | \$645,000 | \$3,113,000 | \$2,468,000 |
| Total Cost to General Fund | \$1,433,000 | \$4,043,000 | \$2,610,000 |

CIP Project areas include: Livable Neighborhoods, Road and Street Projects, Building/Misc. Projects, Fleet Management, Landscaping and Parks, Equipment, Water System Projects, Sewer System Projects, and Airport Projects.

| Category | FY 2018 Expenditures | FY 2019 Expenditures |
|------------------------|----------------------|----------------------|
| Fleet Management | \$ 2,432 | \$ 3,659 |
| Airport Projects | \$ 1,227 | \$ 4,282 |
| Equipment | \$ 6,334 | \$ 4,226 |
| Livable Neighborhoods | \$ 3,996 | \$ 5,309 |
| Water System Projects | \$ 18,218 | \$ 22,849 |
| Road & Street Projects | \$ 48,527 | \$ 29,078 |
| Building/Misc Projects | \$ 15,460 | \$ 36,559 |
| Sewer System Projects | \$ 28,370 | \$ 45,965 |
| Totals | \$ 124,564 | \$ 151,907 |



The capital budget for FY 2019 totals about \$152 million, with approximately \$503 million tentatively programmed for the period FY 2019 through FY 2028; and an additional \$410 million of unfunded needs identified for the same period.

A. GENERAL FUND IMPACTS: Because the City operating budget essentially funds some CIP projects through transfers to the CIP funds, the initial project costs have an immediate budgetary impact – and must be considered within the context of the full City budget.

In developing the CIP, the impact of new projects on the operating budget is considered and identified in the project description pages of those projects considered to have impacts on the operating budget. 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. However, in the long term, the City will need to consider ongoing funding for maintenance and replacement of these projects.

B. INTERNAL SERVICE FUNDS: Internal Service Funds are used to finance and account for goods and/or services provided by one City department to another, on a cost reimbursement basis.

C. IDENTIFIED AND UNFUNDED CAPITAL NEEDS: The last section of the CIP is the Identified and Unfunded Capital Needs section. This list was last significantly modified for the FY 2016 CIP to remove projects that were funded with Measure C and Measure BB funds like improvements to fire stations 1-6, construction of a new 21st Century Library and Community Learning Center, and \$1 million per year for paving improvements. A significant reduction occurred with street and transportation-related projects, due to the passage of Measure C, Measure BB, and the Road Repair and Accountability Act (RRAA (SB1)).



The Hayward Police Department Building was constructed in 1972.

While the approval of Measure C allowed the City to address many critical facility needs (e.g. the new Library and upgrades to Fire Stations), the single most expensive unfunded capital need is the replacement of the City’s Police Building (estimated at \$130,000,000).

This aging and outdated facility houses the City’s 911 dispatch center for the Police and Fire Departments as well as the City’s jail. The facility does not meet current seismic standards nor does it meet the operational needs of a modern policing agency.

Costs in this section are generally broken down into the following categories:

| | |
|------------------------------|-----------------------------|
| ● Technology Services: | \$0 |
| ● Fleet: | \$350,000 |
| ● Miscellaneous: | \$850,000 |
| ● Airport: | \$18,000,000 |
| ● Facilities and Equipment: | \$189,450,000 |
| ● Street and Transportation: | \$201,502,000 |
| Total: | <u>\$410,152,000</u> |

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.

III. New and Continuing Projects



The Water Pollution Control Facility (WPCF) treats an average of 11.3 million gallons of wastewater every day generated by Hayward's residents and businesses.

Major new and/or continuing expenditures in the FY 2019 capital budget:

| Major new and/or continuing project expenditures in FY19 | |
|--|--------------|
| Project | Expense |
| 21st Century Library & Community Learning Center + Heritage Plaza Arboretum | \$61,480,000 |
| Alternative Feed Pipelines | \$750,000 |
| Disinfection Residual Management | \$1,000,000 |
| Groundwater Sustainability Plan Implementation | \$3,000,000 |
| Highspeed Hayward (IT) <i>*\$2,745,000 provided by EDA</i> | \$3,507,000* |
| Mission Blvd. Improvement Phase 2 Construction | \$30,393,000 |
| Mission Blvd. Improvement Phase 3 Final Design + Construction | \$15,500,000 |
| New Fire Station 6 | \$52,900,000 |
| New Fire Training Center (Measure C) | \$7,500,000 |
| Pavement Rehabilitation FY19 (Gas Tax and other Roadway Funding) | \$10,353,000 |
| Recycled Water Storage and Distribution System | \$27,811,000 |
| Sewer Main Installation – I/880/Willimet) | \$500,000 |
| Sulphur Creek Mitigation – Design and Construction | \$3,763,000 |
| Tennyson Corridor Landscaping Project | \$300,000 |
| WPCF Equalization Pond Liner | \$300,000 |
| WPCF Tertiary Treated Near Shore Discharge Feasibility Study and Facilities Plan | \$500,000 |
| WPCF West Trickling Filter and Biofilter Project | \$19,500,000 |

IV. Strategic Initiatives



Pictured above is rendering of bicycle lane concept to advance Council Complete Streets Initiatives.

Strategic Initiatives—projects and programs—by their very nature drive change in a community. The three Council Strategic Initiatives set in November 2016, of Complete Streets, Complete Communities, and Tennyson Corridor are continually on the forefront when planning capital projects. To the extent possible, a formal management and implementation process ensures that CIP projects are aligned with the City’s Strategic Initiatives and that the value each one of them generates is being maximized. City staff strive to effectively communicate the benefits of Strategic Initiatives to stakeholders at all levels of a project.

In FY 2019, Tennyson Corridor residents and business owners will benefit from landscape improvements. The Tennyson Corridor landscape beautification project will start from Dixon St., westbound to Industrial Blvd. It will include: weather-based irrigation controllers, inline drip irrigation, upgrading remote control irrigation valves and wiring, mulch and plant materials. Current major projects supporting strategic initiatives include:

| Complete Communities | Complete Streets | Tennyson Corridor |
|---|--|----------------------------------|
| | | |
| <p>21st Century Library, Park in Lieu Study, and Sustainability Outreach.</p> | <p>Pavement Rehabilitation, Main Street Complete Streets, and Bike and Pedestrian Master Plan.</p> | <p>Tennyson Vision Planning.</p> |

V. Council Priorities

Many of the new and continuing CIP projects fit squarely within the City Council’s Priorities of Safe, Clean, Green, and Thrive. A sampling of major projects related to these priorities are presented below.

A. Safe

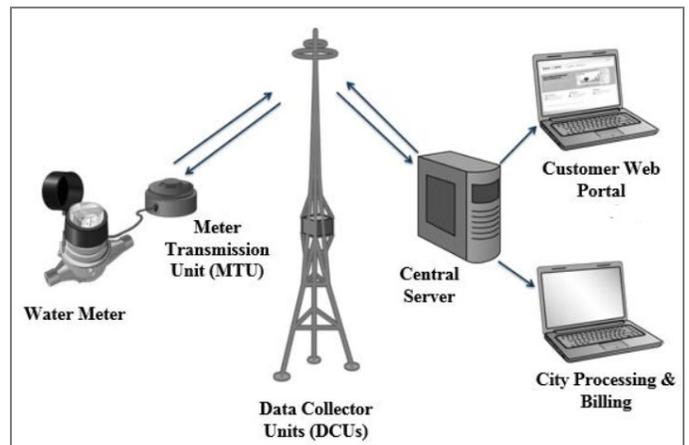


Pictured above is a rendering of the City’s Fire Station 6. The current plan will incorporate sustainability, energy, materials, and design elements required for LEED Silver certification.

1. FIRE STATION IMPROVEMENTS: Design was completed and construction began on the improvements to Fire Stations Nos. 1-5 in FY 2017. This project included seismic and safety upgrades; operational, infrastructure and modernization improvements; and a reduced environmental footprint at each. A total cost for the needed improvements was approximately \$10.8 million. Design of the new Fire Station No. 6 and Fire Training Center will continue into fall 2018.

2. WATER SYSTEMS: The Utilities & Environmental Services (U&ES) Department implements capital improvement projects to ensure Hayward’s water and wastewater services meet the highest standards of quality, reliability, efficiency, and safety. The City-wide water meter replacement and Advanced Metering Infrastructure (AMI) conversion project is underway and is expected to be completed by the first half of FY 2019.

This project will provide the City and its water customers with hourly consumption data, which will enable improved leak detection, and provide the City with a sophisticated tool to analyze water usage data and trends.



The AMI has technology that can securely allow customers to access their water data online and will help the City better manage our water supply.

Even with California's most recent drought emergency having been declared over, water conservation continues to be an important concern to the City. Several CIP projects are aimed at addressing this topic. Funding is continued for programs that incentivize conservation measures, such as conversion of lawn areas, purchase of rain barrels, or replacement of existing fixtures like toilets with high efficiency models via the City's rebate programs.

Over the next ten years, an annual project will be implemented to replace existing cast iron pipes, which are either reaching the end of their practical useful life as evidenced by the frequency of the main and service connection breaks and leaks, or they are hydraulically undersized. Asbestos cement water pipeline replacements at various locations will also occur over the next five years. There is a total of 300 miles of asbestos cement and cast-iron pipes in the City's water distribution system. U&ES will be systematically replacing an average of four to six miles of cast-iron and asbestos cement water pipelines annually, which represents approximately two percent of the existing 300 miles in the water distribution system.

B. Clean



What started out as a way to support the City Council's and "Cleanliness" priority has turned into something much more. The award winning Mural Art Program is a collaborative effort to eliminate chronic graffiti and blight within the city limits. It is also a way for local artists to tell a story about the kind of City Hayward is; a story about the wonderful diverse culture that makes Hayward stand apart from the rest of the Bay Area.

1. SEWER COLLECTION SYSTEMS: 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 conveyance capacity to handle current and future flows. One such project proposed for FY 2019 is the replacement of approximately 170 feet of a sanitary sewer pipeline that connects from the housing development along Willimet Way across the I-880 freeway. The project's location and extremely difficult access conditions make it much more challenging to do and add to the project's cost.

2. WATER POLLUTION CONTROL FACILITY: The City needs to embark on Phase 2 of the Water Pollution Control Facility (WPCF) Improvements. The total cost can reach \$100 million. In the meantime, the State Water Board is developing regulations related to future wastewater treatment requirements. In view of this, Council has approved a WPCF Facilities Plan which is currently underway, and scheduled to be completed by the first half of FY 2019.



Wastewater Treatment employees work as a team daily to keep dozens of pumps running, rebuild equipment in house, clean pumps that contain dangerous items like needles and raw sewage, troubleshoot state of the art computerized electrical equipment, and sample and monitor water at one of the highest frequencies in the area.

The Facilities Plan is intended to provide a comprehensive planning document that will guide the WPCF infrastructure needs for the next 25-year planning period, including the design and construction of Phase 2 WPCF Upgrade. The Facilities Plan will determine the most appropriate technologies and identify the costs for inclusion in the next treatment facility upgrades. The project also includes a conceptual plan for construction of a new water laboratory and administration building.



The MABR uses technologically advanced materials that achieve nutrient removal while significantly reducing energy consumption. WPCF is piloting the MABR system to study the performance and reliability of the technology under a range of operating conditions.

The development of the nutrient removal management strategy to meet future regulatory requirements for discharge into the San Francisco Bay (Bay) is the most important task of the Facilities Plan. Nutrients in the Bay are a growing concern for the Bay Area water quality community. WPCF is piloting a nutrient removal technology using a Membrane Aerated Biofilm Reactor (MABR), which allows it to address the increasing regional water quality concerns and achieve the nutrient removal at a very high treatment rate in an energy efficient manner. The MABR pilot study at WPCF is the first in the Bay Area to use this innovative technology, which has attracted strong interest among the wastewater community. If the pilot study is successful, the MABR could be employed by WPCF to meet standards set by the Regional Water Quality Control Board and serve as model for other treatment plants.

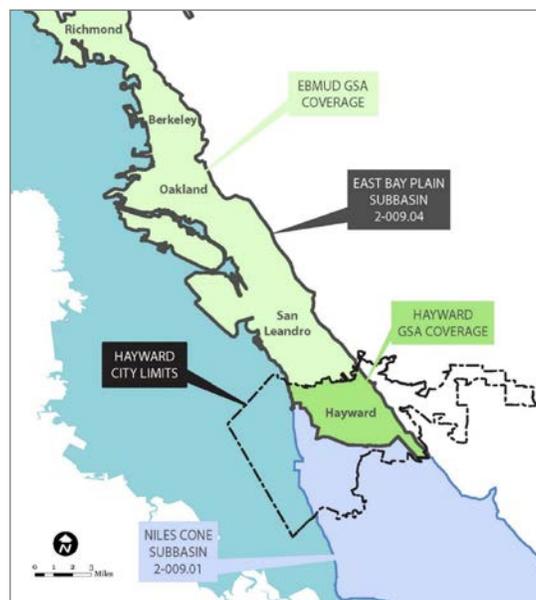
C. Green



Water from the City's Recycled Water Project will be used for irrigation of parks, schools, and landscaped areas around commercial and industrial buildings.

1. RECYCLED WATER: To improve overall water supply reliability and conserve drinking water supplies, the City is implementing a recycled water project to deliver tertiary-treated recycled water to sites near the WPCF for landscape irrigation and industrial uses. The total cost of the treatment facility, storage, distribution system, and customer connections is estimated at approximately \$28 million and would take advantage of grants and low interest loan funding secured from the State for implementation of recycled water projects. The construction of the storage tank, pump station, and distribution pipelines system is scheduled to be completed by the first half of FY 2020. The City is also in final design of the recycled water treatment facility that would be installed to meet the customer demands for the first phase of the project, if an arrangement cannot be completed to obtain surplus recycled water from Russell City Energy Center's Water Recycling Facility, located adjacent to WPCF.

2. GROUNDWATER: Although Hayward has not relied on groundwater for day-to-day water supplies since the early 1960s, the City has a long groundwater use history, relying on groundwater for water supplies for over a century until an agreement was signed with the San Francisco Public Utilities Commission (SFPUC) in 1962 to supply all City water needs. The 2014 Sustainable Groundwater Management Act (SGMA) requires, for the first time, comprehensive and sustainable management of California's groundwater resources at the local level through formation of Groundwater Sustainability Agencies (GSAs) and implementation of Groundwater Sustainability Plans (GSPs). The City of Hayward overlies a portion of the East Bay Plain Groundwater Basin and formally became a GSA for this portion of the Basin in June 2017. East Bay Municipal Utility District (EBMUD) is the GSA for the remaining portion of the Basin. The City and EBMUD have agreed to partner on developing a single GSP



The area between the San Francisco Bay, San Pablo Bay, Santa Clara Valley, and the Diablo Ranges (East Bay Hills), contains the East Bay Plain and Niles Cone ground-water basins. The area is largely distributed among several cities, including Alameda, Berkeley, Fremont, Hayward, Newark, Oakland, San Leandro, San Lorenzo, and Union City.

for the entire Basin and have been awarded a \$1 million grant from the Department of Water Resources to help fund preparation of the GSP. The GSP must be completed and implemented prior to January 2022.



Pictured above is the City’s one megawatt solar photovoltaic system consisting of 5,152 panels covering approximately 8 acres just west of the City’s Water Pollution Control Facility. Solar energy is an important resource to advance the City’s mission to generate 100% of its energy needs and achieve “Zero Net Energy” status for all City facilities.

3. SOLAR ENERGY: In March 2018, Council awarded a construction contract for a new two-megawatt solar photo voltaic project (which would be in addition to the existing one-megawatt solar installation) to be constructed at the Water Pollution Control Facility (WPCF). This project will help the City municipal facilities get closer to the Council stated policy of Zero Net Energy for City facilities by 2025.



4. FLEET: Fleet purchases reflect the City Council’s “green” priority by evaluating and incorporating (where possible) the use of “green” technology into purchasing decisions. Fleet Management provides City staff with safe, reliable, and environmentally friendly vehicles and equipment. The ten-year fleet replacement plan is updated annually and provides for the replacement of City vehicles and equipment based on maintenance, mileage, age, and safety.

The replacement plan maximizes vehicle use and allocates available resources to conserve vehicle value and protect equipment investment. Funding for the fleet replacement is provided by annual capital replacement charges to individual departments.

Two capital funds are assigned for fleet purchases: General Fund Group (736) and Enterprise Fund Group (737). From FY 2019 through FY 2028, a total of approximately \$37 million is budgeted for fleet purchases as follows:

| General Fund Group | Enterprise Fund Group |
|--|--|
| <ul style="list-style-type: none"> • Fire: \$13.6 million • Police: \$10 million • Non-Public Safety: \$6.2 million | <ul style="list-style-type: none"> • Airport \$663 thousand • Stormwater \$2.5 million • Sewer \$1.4 million • Water \$3 million |

D. Thrive



Pictured above is the completed Route 238 / Mission -Foothill - Jackson Corridor Improvements project. The project included traffic circulation improvements, landscaping, new street lights and traffic signals, and undergrounding of overhead utilities along the corridor.

1. STREETS AND ROADS: The approval of Measure C in 2014 by Hayward voters made \$12 million of one-time additional funds available to the City's FY 2016 Street Rehabilitation and Maintenance project which was over and above funds the City receives annually from Measures B and BB, Gas Tax, Vehicle Registration Fees, and funds from the Street System Improvements Fund. This allowed the City to complete the largest street pavement improvement program in the City's history and provided the opportunity to improve more of the City's streets network. The combined FY 2017- FY 2018 Pavement Rehabilitation project is nearing completion with an estimated \$10.5 million spent to rehabilitate forty lane-miles of streets. Approximately 69 miles of city streets were slurry sealed and an additional 37 lane miles were rehabilitated or reconstructed.

Among the myriad items included with Mission Blvd. Corridor Improvements Phase 2 & 3 work (approximately \$46 million) are the undergrounding of overhead utility wires, construction of new sidewalks and curb ramps, installation of LED streetlights, construction of bike lanes, installation of landscaping and planting of new trees, modification of existing traffic signals and installation of a new traffic signals and rehabilitation of the pavement. Phase 2 of the Mission Blvd. Improvement Project (Industrial to the South City limit) began in January 2018. The design phase of the Mission Blvd. Improvement Project – Phase 3 (A Street to the North City Limit) is almost complete.

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 will be provided using LATIP and Measure BB funds.

2. MUNICIPAL PARKING LOTS: Besides repairing streets and roads, the City has been aggressively upgrading its municipal parking lots. Such efforts will continue with an additional three lots to be repaired within the next three years: Municipal Lot 1 (located on Foothill Blvd, between A Street and B Street) and Municipal Lot 2 (located on Mission Blvd between A Street and B Street) in FY 2019; Municipal Lot 7 (located on Mission Blvd. between B Street and C Street) and Municipal Lots D-1/D-2 in FY 2020. This schedule exceeds the Council- established goal of one parking lot every other year.



3. SIDEWALKS: Currently, new sidewalks are selected by prioritizing safe and accessible pathways to schools and through requests from residents. The requests are evaluated based on distance to schools, existing pedestrian routes, and pedestrian volume to determine the priorities for new sidewalks. However, with the completion of the upcoming Bicycle and Pedestrian Master Plan, a more comprehensive work plan will guide selection of these improvements.

In FY 2018, work on new sidewalks began on Walpert Street. In FY 2019, construction will begin for new sidewalks along sections of Muir, Calhoun, Tampa and Depot. Although previously delayed due to budget constraints, Districts 6 (Tennyson Road South neighborhood) and 9 (Winton, Grove, and Thelma neighborhoods) will be targeted this year for sidewalk rehabilitation and wheelchair ramp improvements.

4. 21ST CENTURY LIBRARY AND COMMUNITY LEARNING CENTER AND HERITAGE PLAZA ARBORETUM: Construction commenced during January 2016. The Library and Community Learning Center, is expected to be complete by June 2018 and Phase 2, the Heritage Plaza Arboretum, is expected to be complete by spring 2019.

5. DOWNTOWN PARKING STUDY: Staff will finalize this effort to evaluate comprehensive short and long-term parking strategies for the Downtown area. Parking management, residential and business parking permits, and enforcement strategies will be among the policies submitted to Council for review and approval. The study report is currently being finalized and will be presented to the full Council this spring.

6. CITY-WIDE BICYCLE AND PEDESTRIAN MASTER PLAN UPDATE: Staff has undertaken an update to the 2007 Bicycle Plan which will also address pedestrian accessibility. This effort will expand the effort which began in the downtown area as part of the Downtown Specific Plan process utilizing that analysis as a catalyst to develop a citywide update.



Pictured above is the primary runway at the Hayward Executive Airport - a leading general aviation airport in the Bay Area. The airport features a control tower, a localizer navigational system, and two parallel runways, one of which is 5,694 feet long. With over 40 commercial tenants including flight schools, fuel providers, and maintenance facilities, the airport also provides community services such as emergency medical, media, and law enforcement flights.



7. AIRPORT: The Hayward Executive Airport is a self-supporting, general aviation reliever airport encompassing 473 acres. The primary function of the Airport is to relieve air carrier airports of general aviation traffic in the San Francisco Bay Area. Recent improvements include pavement rehabilitation on Runways 28L/10R and repairs to the perimeter road, as well as the extension of electrical services to the South side of the Airport.

Upcoming projects include:

- Taxiway Alpha and Foxtrot pavement rehabilitation \$1,066,000
 - Sulphur Creek mitigation design (FY 2018 and FY 2019) and construction (FY 2019 and FY 2020) \$3,763,000*
- *\$3,330,000 of this amount reimbursed through FAA funding

8. INFORMATION TECHNOLOGY: The Information Technology Capital Fund addresses the City’s aging information technology infrastructure and the unmet technology needs throughout the City. In FY 2017, in addition to ongoing technology upgrade projects, the Council Chambers underwent a major upgrade and a pilot project was completed that investigated the viability of public security cameras.

Projects for FY 2019 include:

- Highspeed Hayward (Fiber loop) \$3,507,000
- Network Server Replacement Project \$150,000
- Network Infrastructure Replacement \$398,000

Successful implementation of projects within this fund is wholly dependent on the assessment of Information Technology Charges on supported departments, and possible transfers from the General Fund. Staff is working to identify funding sources to replace major systems, such as the new CAD/RMS system, as they become outdated in the future.

CONCLUSION:

To address ongoing capital needs, staff will continue to rely on the Council’s comprehensive priority setting process and prioritize key projects and programs. Staff is confident that this plan addresses the City's current capital improvement requirements and through the collective efforts of the City Council and the community, these future challenges will be met in a way that maintains the high quality of existing streets, facility and utility infrastructure.

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 2019 and/or beyond.

City staff and I look forward to discussing with Council the projects and issues embodied in this capital plan.

Respectfully submitted,

Kelly McAdoo
City Manager
ICMA-CM

FY 2019 - FY 2028 CAPITAL IMPROVEMENT PROGRAM

| LIVABLE NEIGHBORHOODS EXPENDITURE SUMMARY | | | | | | | | | | | |
|---|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| PROJECT DESCRIPTION | TOTAL | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
| Strategic Initiatives | 156 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pedestrian and Bicycle Improvements | 250 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Wheelchair Ramps | 1,501 | 136 | 165 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Sidewalk Rehabilitation & New Sidewalks | 16,632 | 1,873 | 1,645 | 1,395 | 1,754 | 1,590 | 1,665 | 1,690 | 1,640 | 1,690 | 1,690 |
| Speed Hump Installation & Traffic Calming | 2,507 | 722 | 200 | 200 | 200 | 200 | 200 | 200 | 185 | 200 | 200 |
| Street Trees/Median Landscaping/Murals | 4,128 | 1,008 | 180 | 980 | 1,180 | 130 | 130 | 130 | 130 | 130 | 130 |
| Traffic Signal & Streetlight Energy/Maintenance | 13,815 | 1,249 | 1,321 | 1,340 | 1,358 | 1,377 | 1,395 | 1,414 | 1,434 | 1,453 | 1,474 |
| New and Replacement Street Lights | 590 | 140 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| TOTAL CAPITAL EXPENDITURES | 39,579 | 5,309 | 3,586 | 4,140 | 4,717 | 3,522 | 3,615 | 3,659 | 3,614 | 3,698 | 3,719 |
| <p>NOTE: All expenditures expressed in \$1,000's.</p> | | | | | | | | | | | |

FY 2019- FY 2028 CAPITAL IMPROVEMENT PROGRAM

| CAPITAL PROJECT EXPENDITURE SUMMARY | | | | | | | | | | | |
|--|----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| PROJECT DESCRIPTION | PROJECT TOTAL | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
| Livable Neighborhoods | 39,579 | 5,309 | 3,586 | 4,140 | 4,717 | 3,522 | 3,615 | 3,659 | 3,614 | 3,698 | 3,719 |
| Road & Street Projects | 115,576 | 29,077 | 20,732 | 9,773 | 8,262 | 7,147 | 9,594 | 7,661 | 7,633 | 7,825 | 7,872 |
| Building/Misc Projects | 67,894 | 36,599 | 26,525 | 700 | 540 | 610 | 560 | 640 | 540 | 645 | 535 |
| Fleet Management | 37,485 | 3,659 | 4,429 | 3,175 | 4,034 | 4,116 | 3,642 | 3,331 | 3,069 | 4,024 | 4,006 |
| Equipment | 17,318 | 4,226 | 1,872 | 2,522 | 1,493 | 883 | 1,766 | 1,209 | 1,137 | 1,115 | 1,095 |
| Water System Projects | 77,272 | 22,849 | 7,278 | 6,590 | 4,515 | 11,865 | 3,415 | 4,365 | 9,465 | 3,465 | 3,465 |
| Sewer System Projects | 120,950 | 45,965 | 24,695 | 14,805 | 3,080 | 10,555 | 9,530 | 3,080 | 3,080 | 3,080 | 3,080 |
| Airport Projects | 27,006 | 4,282 | 3,539 | 4,314 | 8,853 | 909 | 1,424 | 920 | 910 | 945 | 910 |
| TOTAL CAPITAL EXPENDITURES | 503,080 | 151,966 | 92,656 | 46,019 | 35,494 | 39,607 | 33,546 | 24,865 | 29,448 | 24,797 | 24,682 |

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.

GAS TAX FUND - FUND 210

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY27 |
|-----------|--|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | FY18 | | | | | | | | | | |
| 05106 | Project Predesign | 440 | | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 05110 | Pavement Management Program | 418 | | 43 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 |
| 05116 | Congestion Management Program | 1,508 | | 103 | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 |
| 05132 | New and Replacement Streetlights | 550 | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 05140 | Miscellaneous Curb and Gutter Repair | 345 | | 45 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 05186 | Traffic Signal Energy | 3,996 | | 324 | 327 | 357 | 361 | 364 | 368 | 371 | 375 | 379 | 383 | 387 |
| 05187 | Traffic Signal Maintenance | 3,955 | | 325 | 332 | 338 | 345 | 352 | 359 | 366 | 373 | 381 | 388 | 396 |
| 05188 | Streetlight Energy | 5,486 | | 450 | 455 | 489 | 494 | 499 | 504 | 509 | 514 | 519 | 524 | 530 |
| 05189 | Streetlight Maintenance | 1,606 | | 132 | 135 | 137 | 140 | 143 | 146 | 149 | 152 | 155 | 158 | 161 |
| 05121 | Wheelchair Ramps - FY17 - Districts 1 & 8 | 120 | 120 | | | | | | | | | | | |
| | <i>TDA</i> | 120 | | 120 | | | | | | | | | | |
| 05211 | Wheelchair Ramps - FY18 - Districts 2 & 3 | 142 | 138 | 4 | | | | | | | | | | |
| | <i>TDA</i> | 132 | | 132 | | | | | | | | | | |
| 05213 | Wheelchair Ramps - FY19- Districts 6 & 9 | 142 | 1 | 10 | 131 | | | | | | | | | |
| | <i>TDA</i> | 142 | | | 142 | | | | | | | | | |
| 05221 | Wheelchair Ramps - FY20 - Districts 4 & 5 | 165 | | 5 | 5 | 155 | | | | | | | | |
| | <i>TDA</i> | 165 | | | | 165 | | | | | | | | |
| TBD | Wheelchair Ramps - FY21 - FY28 | 1,210 | | | | 10 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | <i>TDA</i> | 1,200 | | | | | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 05123 | Pavement Rehabilitation - Gas Tax - FY16 | 1,128 | 1,100 | 28 | | | | | | | | | | |
| 05210 | Pavement Rehabilitation - Gas Tax - FY17 | 650 | 127 | 523 | | | | | | | | | | |
| 05214 | Pavement Rehabilitation - Gas Tax - FY18 | 652 | 0 | 652 | | | | | | | | | | |
| 05219 | Pavement Rehabilitation - Gas Tax - FY19 | 700 | | 50 | 650 | | | | | | | | | |
| 05222 | Pavement Rehabilitation - Gas Tax - FY20 | 700 | | | 50 | 650 | | | | | | | | |
| TBD | Pavement Rehabilitation - Gas Tax - FY21 - FY28 | 10,900 | | | | 550 | 1,050 | 1,100 | 1,100 | 1,450 | 1,350 | 1,400 | 1,450 | 1,450 |
| 05223 | B Street Lighting | 90 | | | 90 | | | | | | | | | |
| | TOTAL PROJECT COSTS | | | 2,785 | 2,368 | 2,942 | 2,837 | 2,878 | 2,938 | 3,279 | 3,240 | 3,281 | 3,393 | 3,385 |
| | Transfer to General Fund for Street & Signal Maintenance | 10,382 | 8,237 | 229 | 231 | 234 | 236 | 238 | 241 | 243 | 246 | 248 | 250 | 253 |
| | Transfer to Fund 450 (Gas Tax "Swap" portion) | 9,761 | 2,639 | 637 | 1,235 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 |
| | Transfer to Fund 450 (mid year transfer) | | | 165 | | | | | | | | | | |
| | Debt Service (CEC loan for Citywide streetlight conversion) - loan payment through FY23 (interest rate of 1%/yr) | 2,489 | 828 | 276 | 276 | 276 | 276 | 276 | 281 | | | | | |
| | TOTAL EXPENDITURES | | | 4,092 | 4,111 | 4,202 | 4,099 | 4,142 | 4,210 | 4,272 | 4,236 | 4,279 | 4,394 | 4,388 |

GAS TAX FUND - FUND 210

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY27 |
|--------------|----------------------------------|----------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | FY18 | | | | | | | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 4 | 1 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 |
| | Reimbursements (TDA) | | | 252 | 142 | 165 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | Apportionment Sec. 2105 | | | 933 | 927 | 936 | 946 | 955 | 965 | 974 | 984 | 994 | 1,004 | 1,014 |
| | Apportionment Sec. 2106 | | | 560 | 556 | 562 | 567 | 573 | 579 | 585 | 590 | 596 | 602 | 608 |
| | Apportionment Sec. 2107 & 2107.5 | | | 1,160 | 1,160 | 1,172 | 1,184 | 1,195 | 1,207 | 1,220 | 1,232 | 1,244 | 1,256 | 1,269 |
| | Gas Tax "Swap" Sec. 2103 | | | 641 | 1,235 | 1,247 | 1,260 | 1,272 | 1,285 | 1,298 | 1,311 | 1,324 | 1,337 | 1,351 |
| | One Time Loan Repayment | | | 183 | 183 | 183 | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 3,733 | 4,204 | 4,267 | 4,110 | 4,149 | 4,189 | 4,228 | 4,269 | 4,310 | 4,353 | 4,394 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | | | | | | | | | | | |
| | REVENUE TOTALS: | | | 3,733 | 4,204 | 4,267 | 4,110 | 4,149 | 4,189 | 4,228 | 4,269 | 4,310 | 4,353 | 4,394 |
| | BEGINNING FUND BALANCE: | | | 366 | 8 | 101 | 166 | 177 | 184 | 163 | 119 | 152 | 183 | 142 |
| | ENDING FUND BALANCE: | | | 8 | 101 | 166 | 177 | 184 | 163 | 119 | 152 | 183 | 142 | 148 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Project Predesign

Project No.: 05106

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 440 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 440 |

DESCRIPTION:

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

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$40,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Pavement Management Program
 Project No.: 05110
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 43 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 418 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 43 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 418 |

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 \$20,000 to FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Congestion Management Program
 Project No.: 05116
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 103 | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 | 1,336 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 103 | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 | 1,336 |

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 ongoing basis, preparing updates as specified, and providing support for a travel reduction program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$172,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New and Replacement Streetlights
 Project No.: 05132
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 634 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 1,184 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 634 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 1,184 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title: Miscellaneous Curb and Gutter Repair
 Project No.: 05140
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 45 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 345 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 45 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 345 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Traffic Signal Energy
 Project No.: 05186
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 324 | 327 | 357 | 361 | 364 | 368 | 371 | 375 | 379 | 383 | 387 | 3,996 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 324 | 327 | 357 | 361 | 364 | 368 | 371 | 375 | 379 | 383 | 387 | 3,996 |

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 \$387,000 in FY28 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 FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Traffic Signal Maintenance
 Project No.: 05187
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 325 | 332 | 338 | 345 | 352 | 359 | 366 | 373 | 381 | 388 | 396 | 3,955 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 325 | 332 | 338 | 345 | 352 | 359 | 366 | 373 | 381 | 388 | 396 | 3,955 |

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 was relieved of this responsibility, therefore realizing a net cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$396,000 in FY28 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 FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Streetlight Energy
 Project No.: 05188
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 450 | 455 | 489 | 494 | 499 | 504 | 509 | 514 | 519 | 524 | 530 | 5,487 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 450 | 455 | 489 | 494 | 499 | 504 | 509 | 514 | 519 | 524 | 530 | 5,487 |

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 was relieved of this responsibility, therefore realizing a cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased to meet actual costs and added \$530,000 in FY28 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 FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Streetlight Maintenance
 Project No.: 05189
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 132 | 135 | 137 | 140 | 143 | 146 | 149 | 152 | 155 | 158 | 161 | 1,608 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 132 | 135 | 137 | 140 | 143 | 146 | 149 | 152 | 155 | 158 | 161 | 1,608 |

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 was relieved of this responsibility, therefore realizing a cost savings.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$161,000 in FY28 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 FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY19
 Project No.: 05213
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1 | 10 | 131 | | | | | | | | | | 142 |
| Reimbursements | | | (142) | | | | | | | | | | (142) |
| Net Cost to Fund | 1 | 10 | (11) | | | | | | | | | | 0 |

DESCRIPTION:

This project will install wheelchair ramps in Districts 6 and 9.

JUSTIFICATION:

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

MAP NEEDED

REIMBURSEMENTS:

Transportation Development Act

150,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation - Gas Tax FY19

Project No.: 05219

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 0 | 50 | 650 | | | | | | | | | | 700 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 50 | 650 | | | | | | | | | | 700 |

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.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Wheelchair Ramps FY20
 Project No.: 05221
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 5 | 5 | 155 | | | | | | | | | 165 |
| Reimbursements | | | | (165) | | | | | | | | | (165) |
| Net Cost to Fund | | 5 | 5 | (10) | | | | | | | | | 0 |

DESCRIPTION:

This project will install wheelchair ramps in Districts

JUSTIFICATION:

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

MAP NEEDED

REIMBURSEMENTS:

Transportation Development Act

165,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Pavement Rehabilitation - Gas Tax FY20

Project No.: 05222

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | 650 | | | | | | | | | 700 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 50 | 650 | | | | | | | | | 700 |

DESCRIPTION:

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

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title B STREET LIGHTING

Project No.: 05223

Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 0 | | 90 | | | | | | | | | | 90 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | | 90 | | | | | | | | | | 90 |

DESCRIPTION:

The project will modify and augment the existing outdoor lighting along B Street between Foothill Boulevard and Watkins Street. Currently, the mature trees in this corridor are wrapped with outdoor lighting to provide additional illumination and achieve a more festive outdoor experience for residents and merchants. The proposed project would partially wrap each tree (up to 7 or 8 feet above the ground) and combine this with linear overhead lighting.

JUSTIFICATION:

The fully wrapped trees were a source of constant vandalism and would require daily maintenance by Public Works staff. The replacement lighting and staff costs far exceeded what would be considered "routine maintenance." The partially wrapped trees in conjunction with the overhead linear lighting will provide enhanced illumination while eliminating the daily maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Wheelchair Ramps FY21- FY28
 Project No.: TBD
 Fund 210 - Gas Tax Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Expenditures | | | | 10 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,210 |
| Reimbursements | | | | (10) | (150) | (150) | (150) | (150) | (150) | (150) | (150) | (150) | (1,210) |
| Net Cost to Fund | | | | 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

1.210

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

GAS TAX - RRAA (SB 1) - FUND 211

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 05230 | Pavement Rehabilitation - FY 18 - RRAA - Fairway Ave/Calaroga Ave | 898 | | 898 | | | | | | | | | | |
| 05231 | Pavement Rehabilitation - FY 19 - RRAA - Various Streets | 2,674 | | | 2,674 | | | | | | | | | |
| TBD | Pavement Rehabilitation - FY 20 - FY 27 - RRAA | 25,813 | | | | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 |
| | TOTAL PROJECT COSTS | | | 898 | 2,674 | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 |
| | TOTAL EXPENDITURES | | | 898 | 2,674 | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| | RMRA (SB 1) | | | 898 | 2,674 | 2,700 | 2,750 | 2,750 | 2,850 | 2,850 | 2,950 | 2,950 | 3,000 | 3,000 |
| | REVENUE SUBTOTAL: | | | 898 | 2,675 | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | REVENUE TOTALS: | | | 898 | 2,675 | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 |
| | BEGINNING FUND BALANCE: | | | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | ENDING FUND BALANCE: | | | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Pavement Rehabilitation - RRAA FY19
 Project No.: 05231
 Fund 211 - RRAA (SB 1) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 2,674 | | | | | | | | | | 2,674 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 2,674 | | | | | | | | | | 2,674 |

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. Streets with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Pavement Rehabilitation - RRAA FY20 - FY28

Project No.: TBD

Fund 211 - RRAA (SB 1) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Expenditures | | | | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 | 25,813 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 2,701 | 2,751 | 2,751 | 2,851 | 2,851 | 2,952 | 2,952 | 3,002 | 3,002 | 25,813 |

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. Streets with more deteriorated pavement conditions are structurally repaired, which includes spot repairs, placement of reinforcing fabric, and construction of an asphalt concrete overlay.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

MEASURE BB (LOCAL TRANSPORTATION) - FUND 212

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | FY18 | | | | | | | | | | |
| 05208 | Project Predesign Services | 560 | 75 | 185 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 05206 | Pavement Rehabilitation - Measure BB - FY16 | 1,959 | 1,827 | 132 | | | | | | | | | | |
| 05207 | Pavement Rehabilitation - Measure BB - FY17 | 2,150 | 106 | 2,044 | | | | | | | | | | |
| 05245 | Pavement Rehabilitation - Measure BB - FY18 | 1,825 | | 1,825 | | | | | | | | | | |
| 05217 | Hayward Blvd. Traffic Calming Study | 120 | | 110 | 10 | | | | | | | | | |
| 05218 | Tennyson Road Corridor Complete Streets Feasibility Study | 100 | | 25 | 75 | | | | | | | | | |
| 05216 | Pavement Rehabilitation - Measure BB - FY19 | 1,900 | | 50 | 1,850 | | | | | | | | | |
| 05224 | Pavement Rehabilitation - Measure BB - FY20 | 2,100 | | | 50 | 2,050 | | | | | | | | |
| TBD | Pavement Rehabilitation - Measure BB - FY21 - FY28 | 30,575 | | | | 25 | 2,050 | 2,650 | 4,200 | 4,250 | 4,300 | 4,300 | 4,400 | 4,400 |
| TBD | Speed Monitoring Devices | 360 | | | | | | | 60 | 60 | 60 | 60 | 60 | 60 |
| 05225 | D Street Traffic Calming Study | 120 | | | 120 | | | | | | | | | |
| | TOTAL PROJECT COSTS | | | 4,370 | 2,135 | 2,105 | 2,080 | 2,680 | 4,290 | 4,340 | 4,390 | 4,390 | 4,490 | 4,490 |
| | | | | 4,370 | 2,135 | 2,105 | 2,080 | 2,680 | 4,290 | 4,340 | 4,390 | 4,390 | 4,490 | 4,490 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 10 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 |
| | Measure BB (Increases to 1% tax April 1, 2022) | | | 2,060 | 2,081 | 2,101 | 2,122 | 2,657 | 4,294 | 4,337 | 4,380 | 4,424 | 4,468 | 4,513 |
| | REVENUE SUBTOTAL: | | | 2,070 | 2,082 | 2,102 | 2,123 | 2,659 | 4,295 | 4,338 | 4,381 | 4,426 | 4,470 | 4,515 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 |
| | REVENUE TOTALS: | | | 2,070 | 2,082 | 2,102 | 2,123 | 2,659 | 4,295 | 4,338 | 4,381 | 4,426 | 4,470 | 4,515 |
| | BEGINNING FUND BALANCE: | | | 2,403 | 103 | 50 | 47 | 91 | 70 | 75 | 73 | 64 | 100 | 80 |
| | ENDING FUND BALANCE: | | | 103 | 50 | 47 | 91 | 70 | 75 | 73 | 64 | 100 | 80 | 105 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Project Predesign
 Project No.: 05208
 Fund 212 - Measure BB (Local Transportation) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 75 | 185 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 560 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 75 | 185 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 560 |

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 scoping, design and general administrative work performed on the Capital Improvement Program by the Engineering and Transportation administration staff.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 in FY28 to permit the project to continue.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY18 - FY27

CATEGORY: Road and Street

Project Title Pavement Rehabilitation, Measure BB - FY19

Project No.: 05216

Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY17 | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | 1,850 | | | | | | | | | 1,900 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 50 | 1,850 | | | | | | | | | 1,900 |

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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Hayward Blvd. Traffic Calming Study
 Project No.: 05217
 Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 110 | 10 | | | | | | | | | | 120 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 110 | 10 | | | | | | | | | | 120 |

DESCRIPTION:

The project will develop three conceptual alternatives for Hayward Boulevard between Campus Drive and Fairway Avenue. The goal of the study is to evaluate a low, medium and ultimate cost concepts to assist in speed reduction, enhance safety and promote multi-modal use. Features could include, roundabouts, bike lanes, medians and other traffic calming features.

JUSTIFICATION:

Hayward Boulevard is a major arterial that because of it's extreme slope and curvature experiences numerous complaints regarding speeding and traffic safety. It is a high volume arterial connecting multiple residential neighborhoods to Stonebrae Elementary and Mission Blvd. in addition to providing regional access to CSUEB.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$10,000 added to FY19.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title NEW - Tennyson Road Corridor Complete Streets Feasibility Study
 Project No.: 05218
 Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 75 | | | | | | | | | | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 25 | 75 | | | | | | | | | | 100 |

DESCRIPTION:

Evaluate corridor wide complete streets improvements on Tennyson Road that can improve safety, traffic operations and reduce congestion for all modes of transportation.

JUSTIFICATION:

Project is needed to improve traffic safety for alternative modes of transportation. A number of fatal accidents have occurred on Tennyson Road in the past few years. Additionally, evaluating feasible corridor wide improvements and developing a project would help us compete for grants available through statewide ATP program as well as various grants administered by Alameda CTC.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Pavement Rehabilitation, Measure BB - FY20

Project No.: 05224

Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | 2,050 | | | | | | | | | 2,100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 50 | 2,050 | | | | | | | | | 2,100 |

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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title D Street Traffic Calming Study
 Project No.: 05225
 Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 120 | | | | | | | | | | 120 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 120 | | | | | | | | | | 120 |

DESCRIPTION:

This project will improve vehicular, pedestrian and bicycle safety by promoting reduced speeds along D Street Corridor.

JUSTIFICATION:

Community along D Street corridor has raised multiple concerns regarding pedestrian/bike safety and excessive speeds that frequently go above the posted speed limit. These concerns coupled with high pedestrian activity, particularly schools and the slope of the street itself has created a safety issue and hence need to be addressed in a comprehensive manner.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title: Pavement Rehabilitation FY21-FY28
 Project No.: TBD
 Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Expenditures | 0 | | | 25 | 2,050 | 2,650 | 4,200 | 4,250 | 4,300 | 4,300 | 4,400 | 4,400 | 30,575 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | | | 25 | 2,050 | 2,650 | 4,200 | 4,250 | 4,300 | 4,300 | 4,400 | 4,400 | 30,575 |

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:

Funding increased beginning FY 23 when Measure BB sales tax increases to 1%.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Speed Monitoring Devices
 Project No.: TBD
 Fund 212 Measure BB Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | | | 60 | 60 | 60 | 60 | 60 | 60 | 360 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | | | | 60 | 60 | 60 | 60 | 60 | 60 | 360 |

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:

Project Moves to this Fund in FY23 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

MEASURE BB (PEDESTRIAN AND BICYCLE) - FUND 213

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|----------|------|------|------|------|------|------|------|------|------|------|
| 05278 | Project Predesign Services | 340 | | 20 | 20 | 20 | 20 | 20 | 40 | 40 | 40 | 40 | 40 | 40 |
| 05259 | New Sidewalks - Measure BB - FY17 - Walpert Street | 495 | 23 | 472 | | | | | | | | | | |
| 05246 | New Sidewalks - Measure BB - FY18 - Muir St., Calhoun St., Tampa Ave., Depot Rd. | 365 | | 200 | 165 | | | | | | | | | |
| 05247 | New Sidewalks - Measure BB - FY19 | 350 | | 25 | 325 | | | | | | | | | |
| TBD | New Sidewalks - Measure BB - FY20 | 350 | | | | 350 | | | | | | | | |
| TBD | New Sidewalks - Measure BB - FY21 - FY28 | 5,125 | | | | 25 | 375 | 400 | 650 | 725 | 750 | 700 | 750 | 750 |
| TBD | Pedestrian Traffic Signal Improvements | 150 | | | | | | | 25 | 25 | 25 | 25 | 25 | 25 |
| | TOTAL PROJECT COSTS | | | 717 | 510 | 395 | 395 | 420 | 715 | 790 | 815 | 765 | 815 | 815 |
| | TOTAL EXPENDITURES | | | 717 | 510 | 395 | 395 | 420 | 715 | 790 | 815 | 765 | 815 | 815 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | Measure BB (Increases to 1% tax April 1, 2022) | | | 393 | 397 | 401 | 405 | 409 | 770 | 778 | 785 | 793 | 801 | 809 |
| | REVENUE SUBTOTAL: | | | 396 | 398 | 401 | 405 | 409 | 770 | 779 | 785 | 793 | 801 | 809 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | REVENUE TOTALS: | | | 396 | 398 | 401 | 405 | 409 | 770 | 779 | 785 | 793 | 801 | 809 |
| | BEGINNING FUND BALANCE: | | | 434 | 113 | 2 | 8 | 19 | 8 | 63 | 52 | 22 | 50 | 37 |
| | ENDING FUND BALANCE: | | | 113 | 2 | 8 | 19 | 8 | 63 | 52 | 22 | 50 | 37 | 31 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY18
 Project No.: 05246
 Fund 213 Measure BB Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 200 | 165 | | | | | | | | | | 365 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 200 | 165 | | | | | | | | | | 365 |

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. This project is on Muir St., Calhoun St., Tampa Ave., and Depot Rd.

JUSTIFICATION:

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

NEED MAP

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY19
 Project No.: 05247
 Fund 213 Measure BB Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 325 | | | | | | | | | | 350 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 25 | 325 | | | | | | | | | | 350 |

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..

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY17 - Walpert Street
 Project No.: 05259
 Fund 213 Measure BB Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 23 | 327 | | | | | | | | | | | 350 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 23 | 327 | | | | | | | | | | | 350 |

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.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Project Predesign
 Project No.: 05278
 Fund 213 Measure BB Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 20 | 20 | 20 | 20 | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 340 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 20 | 20 | 20 | 20 | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 340 |

DESCRIPTION:

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

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project increases by \$20,000 in FY23 when MBB sales tax increases to 1%.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY20
 Project No.: 05247
 Fund 213 Measure BB Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 25 | 400 | | | | | | | | | 425 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 25 | 400 | | | | | | | | | 425 |

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..

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY21 - FY28
 Project No.: TBD
 Fund 213 Measure BB Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 25 | 375 | 400 | 650 | 725 | 750 | 700 | 750 | 750 | 5,125 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 25 | 375 | 400 | 650 | 725 | 750 | 700 | 750 | 750 | 5,125 |

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:

Funding increased beginning in FY23 when Measure BB increases to 1%.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Pedestrian Traffic Signal Improvements
 Project No.: TBD
 Fund 213 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | | | 25 | 25 | 25 | 25 | 25 | 25 | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | | | | 25 | 25 | 25 | 25 | 25 | 25 | 150 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moves from Fund 216 in FY23 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

MEASURE B (LOCAL TRANSPORTATION) - FUND 215

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|----------|-------|-------|-------|-------|------|------|------|------|------|------|
| 05166 | Speed Monitoring Devices | 397 | | 157 | 60 | 60 | 60 | 60 | | | | | | |
| 05199 | Project Predesign Services | 146 | | 26 | 30 | 30 | 30 | 30 | | | | | | |
| 05202 | Pavement Rehabilitation - Measure B - FY16 | 1,267 | 1,121 | 146 | | | | | | | | | | |
| 05209 | Pavement Rehabilitation - Measure B - FY17 | 2,325 | 31 | 2,294 | | | | | | | | | | |
| 05212 | Pavement Rehabilitation - Measure B - FY18 | 2,200 | | 2,200 | | | | | | | | | | |
| 05220 | Pavement Rehabilitation - Measure B - FY19 | 2,350 | | 50 | 2,300 | | | | | | | | | |
| 05226 | Pavement Rehabilitation - Measure B - FY20 | 2,250 | | | 50 | 2,200 | | | | | | | | |
| TBD | Pavement Rehabilitation - Measure B - FY21 - FY22 | 4,052 | | | | 50 | 2,300 | 1,702 | | | | | | |
| | TOTAL PROJECT COSTS | | | 4,873 | 2,440 | 2,340 | 2,390 | 1,792 | | | | | | |
| | TOTAL EXPENDITURES | | | 4,873 | 2,440 | 2,340 | 2,390 | 1,792 | | | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 15 | 2 | 1 | 1 | 1 | | | | | | |
| | Reauthorized Measure B (Ends March 30, 2022) | | | 2,294 | 2,317 | 2,340 | 2,364 | 1,782 | | | | | | |
| | REVENUE SUBTOTAL: | | | 2,309 | 2,319 | 2,341 | 2,365 | 1,783 | | | | | | |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 | 0 | 0 | 0 | 0 | | | | | | |
| | REVENUE TOTALS: | | | 2,309 | 2,319 | 2,341 | 2,365 | 1,783 | | | | | | |
| | BEGINNING FUND BALANCE: | | | 2,778 | 214 | 93 | 94 | 68 | | | | | | |
| | ENDING FUND BALANCE: | | | 214 | 93 | 94 | 68 | 59 | | | | | | |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Speed Monitoring Devices
 Project No.: 05166
 Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 240 | 157 | 60 | 60 | 60 | 60 | | | | | | | 637 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 240 | 157 | 60 | 60 | 60 | 60 | | | | | | | 637 |

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:

Project moves to Fund 212 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title: Project Predesign

Project No.: 05199

Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 318 | 26 | 30 | 30 | 30 | 30 | | | | | | | 464 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 318 | 26 | 30 | 30 | 30 | 30 | | | | | | | 464 |

DESCRIPTION:

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

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moves to Fund 212 in FY23 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Pavement Rehabilitation, Measure B - FY19
 Project No.: 05220
 Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 50 | 2,300 | | | | | | | | | | 2,350 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 50 | 2,300 | | | | | | | | | | 2,350 |

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.

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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Pavement Rehabilitation, Measure B - FY20
 Project No.: 05226
 Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | 2,200 | | | | | | | | | 2,250 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 50 | 2,200 | | | | | | | | | 2,250 |

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.

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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY18 - FY27

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation, Measure B - FY21-FY22

Project No.: TBD

Fund 215 Measure B Fund (Local Transportation)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY17 | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | TOTALS |
|------------------|---------------|----------------|------|------|------|-------|-------|------|------|------|------|------|--------|
| Expenditures | | | | | 50 | 2,300 | 1,702 | | | | | | 4,052 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | | 50 | 2,300 | 1,702 | | | | | | 4,052 |

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:

Project moves to Fund 212 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

MEASURE B (PEDESTRIAN AND BICYCLE) - FUND 216

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|----------|------|------|------|------|------|------|------|------|------|------|
| 05271 | Pedestrian Master Plan/Update Bicycle Master Plan | 340 | | 340 | | | | | | | | | | |
| 05175 | Pedestrian Traffic Signal Modifications and Improvements | 392 | 231 | 61 | 25 | 25 | 25 | 25 | | | | | | |
| 05260 | Project Predesign Services | 222 | 97 | 25 | 25 | 25 | 25 | 25 | | | | | | |
| 05258 | New Sidewalks FY17 - Walpert Street | 480 | 68 | 412 | | | | | | | | | | |
| 05272 | New Sidewalks FY18 - Muir, Calhoun, Tampa and Depot | 430 | | 200 | 230 | | | | | | | | | |
| 05284 | New Sidewalks FY19 | 420 | | | 420 | | | | | | | | | |
| TBD | New Sidewalks FY20 | 425 | | | | 425 | | | | | | | | |
| TBD | New Sidewalks FY21- FY22 | 834 | | | | | 425 | 409 | | | | | | |
| | TOTAL PROJECT COSTS | | | 1038 | 700 | 475 | 475 | 459 | | | | | | |
| | TOTAL EXPENDITURES | | | 1038 | 700 | 475 | 475 | 459 | | | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 4 | 1 | 1 | 2 | 0 | | | | | | |
| | Reauthorized Measure B (Ends March 30, 2022) | | | 492 | 497 | 502 | 507 | 360 | | | | | | |
| | REVENUE SUBTOTAL: | | | 496 | 498 | 503 | 509 | 360 | | | | | | |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 | 0 | 0 | 0 | 0 | | | | | | |
| | REVENUE TOTALS: | | | 496 | 498 | 503 | 509 | 360 | | | | | | |
| | BEGINNING FUND BALANCE: | | | 783 | 241 | 39 | 67 | 101 | | | | | | |
| | ENDING FUND BALANCE: | | | 241 | 39 | 67 | 101 | 2 | | | | | | |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Pedestrian Traffic Signal Improvements
 Project No.: 05175
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 231 | 61 | 25 | 25 | 25 | 25 | | | | | | | 392 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 224 | 61 | 25 | 25 | 25 | 25 | | | | | | | 392 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project ends in FY22 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Project Predesign
 Project No.: 05260
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 97 | 25 | 25 | 25 | 25 | 25 | | | | | | | 222 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 97 | 25 | 25 | 25 | 25 | 25 | | | | | | | 222 |

DESCRIPTION:

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

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project ends in FY22 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Pedestrian Master Plan/Update Bicycle Master Plan
 Project No.: 05271
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 0 | 340 | | | | | | | | | | | 340 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 340 | | | | | | | | | | | 340 |

DESCRIPTION:

This project will allow for the development of a Pedestrian Master Plan and an update to the existing Bicycle Master Plan.

JUSTIFICATION:

In order to continue receiving Measure B and VRF funds, the City must adopt a new Master Plan.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title New Sidewalks FY19
 Project No.: 05284
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 420 | | | | | | | | | | 420 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 420 | | | | | | | | | | 420 |

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.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title New Sidewalks FY20
 Project No.: TBD
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 425 | | | | | | | | | 425 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 425 | | | | | | | | | 425 |

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.

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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: New Sidewalks FY21 - FY22
 Project No.: To Be Determined
 Fund 216 Measure B Fund (Pedestrian and Bicycle)

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 200 | | | | 425 | 425 | | | | | | | 1,050 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 200 | | | | 425 | 425 | | | | | | | 1,050 |

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:

Project ends in FY22 when Measure B tax ends.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

VEHICLE REGISTRATION FEE - FUND 218

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|--------------|---|----------------|----------------|-------------|------|------|------|------|------|------|------|------|------|------|
| 05205 | Pavement Rehabilitation - VRF - FY17 | 850 | 15 | 835 | | | | | | | | | | |
| 05215 | Pavement Rehabilitation - VRF - FY18 | 900 | | 900 | | | | | | | | | | |
| 05280 | Pavement Rehabilitation - VRF - FY19 | 750 | 0 | 25 | 725 | | | | | | | | | |
| 05289 | Pavement Rehabilitation - VRF - FY20 | 800 | | | 25 | 775 | | | | | | | | |
| TBD | Pavement Rehabilitation - VRF - FY21 - FY28 | 6,575 | | | | 25 | 750 | 800 | 800 | 800 | 850 | 850 | 850 | 850 |
| | TOTAL PROJECT COSTS | | | 1,760 | 750 | 800 | 750 | 800 | 800 | 800 | 850 | 850 | 850 | 850 |
| | TOTAL EXPENDITURES | | | 1,760 | 750 | 800 | 750 | 800 | 800 | 800 | 850 | 850 | 850 | 850 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 4 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | VRF - Local Streets and Roads | | | 767 | 775 | 782 | 790 | 798 | 806 | 814 | 822 | 831 | 839 | 847 |
| | REVENUE SUBTOTAL: | | | 771 | 775 | 782 | 791 | 799 | 807 | 815 | 823 | 832 | 840 | 847 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | | | | | | | | | | | |
| | REVENUE TOTALS: | | | 771 | 775 | 782 | 791 | 799 | 807 | 815 | 823 | 832 | 840 | 847 |
| | BEGINNING FUND BALANCE: | | | 1,021 | 32 | 57 | 39 | 81 | 80 | 87 | 102 | 75 | 57 | 47 |
| | ENDING FUND BALANCE: | | | 32 | 57 | 39 | 81 | 80 | 87 | 102 | 75 | 57 | 47 | 44 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title: Pavement Rehabilitation VRF - FY19
 Project No.: 05280
 Fund 218 Vehicle Registration Fee Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 725 | | | | | | | | | | 750 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 25 | 725 | | | | | | | | | | 750 |

DESCRIPTION:

This is an annual street maintenance project to dig out failed pavement areas, replace with full depth asphalt concrete, and place slurry seal over the entire asphalt pavement.

JUSTIFICATION:

As part of regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlay each year.

MAP NOT APPLICABLE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title: Pavement Rehabilitation VRF - FY20
 Project No.: 05289
 Fund 218 Vehicle Registration Fee Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 25 | 775 | | | | | | | | | 800 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 25 | 775 | | | | | | | | | 800 |

DESCRIPTION:

This is an annual street maintenance project to dig out failed pavement areas, replace with full depth asphalt concrete, and place slurry seal over the entire asphalt pavement.

JUSTIFICATION:

As part of regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlay each year.

MAP NOT APPLICABLE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title: Pavement Rehabilitation VRF - FY21-FY28

Project No.: TBD

Fund 218 Vehicle Registration Fee Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 25 | 750 | 800 | 800 | 800 | 850 | 850 | 850 | 850 | 6,575 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 25 | 750 | 800 | 800 | 800 | 850 | 850 | 850 | 850 | 6,575 |

DESCRIPTION:

This is an annual street maintenance project to dig out failed pavement areas, replace with full depth asphalt concrete, and place slurry seal over the entire asphalt pavement.

JUSTIFICATION:

As part of regular preventative maintenance program, portions of various streets throughout the City are scheduled for slurry seal or overlay each year.

MAP NOT APPLICABLE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

STRAGIC INITIATIVES - FUND 401

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|----------|------|------|------|------|------|------|------|------|------|------|
| 05300 | Tennyson Corridor Strategic Initiative | 100 | | | 100 | | | | | | | | | |
| 05301 | Complete Communities Strategic Initiative | 56 | | | 56 | | | | | | | | | |
| | TOTAL PROJECT COSTS | | | | 156 | | | | | | | | | |
| | TOTAL EXPENDITURES | | | | 156 | | | | | | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | | 0 | | | | | | | | | |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | General Fund | | | | 156 | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | | 156 | | | | | | | | | |
| | REVENUE TOTALS: | | | | 156 | | | | | | | | | |
| | BEGINNING FUND BALANCE: | | | | 0 | | | | | | | | | |
| | ENDING FUND BALANCE: | | | | 0 | | | | | | | | | |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Tennyson Corridor Strategic Initiative
 Project No.: 05300
 Fund 401 Strategic Initiative Projects

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 100 | | | | | | | | | | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 100 | | | | | | | | | | 100 |

DESCRIPTION:

This funding will be used for the Tennyson Corridor Strategic Initiative for Tennyson Vision Planning, NIP Grant Funding Supplement, and Downtown Streets Team Participant Incentives.

JUSTIFICATION:

This funding will be used for the Tennyson Corridor Strategic Initiative for Tennyson Vision Planning, NIP Grant Funding Supplement, and Downtown Streets Team Participant Incentives.

MAP NOT APPLICABLE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Complete Communities
 Project No.: 05301
 Fund 401 Strategic Initiative Projects

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 56 | | | | | | | | | | 56 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 56 | | | | | | | | | | 56 |

DESCRIPTION:

This funding will be used for the Complete Communities Strategic Initiative for a Park in Lieu Study, CIECC Support, and Sustainability Outreach.

JUSTIFICATION:

This funding will be used for the Complete Communities Strategic Initiative for a Park in Lieu Study, CIECC Support, and Sustainability Outreach.

MAP NOT APPLICABLE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL PROJECTS (GOVERNMENTAL) - FUND 405

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------------------------------|---|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | FY18 | | | | | | | | | | |
| CAPITAL PROJECTS - GENERAL | | | | | | | | | | | | | | |
| 05076 | So. Hayward BART Housing | 98 | 68 | 30 | | | | | | | | | | |
| 06908 | Comprehensive General Plan Update | 1,611 | 1,603 | 8 | | | | | | | | | | |
| 06909 | Downtown Parking Study | 180 | 156 | 24 | | | | | | | | | | |
| 06910 | Interior Painting of City Facilities | 22 | 21 | 1 | | | | | | | | | | |
| 06911 | Property Acquisition Mangement | 2,075 | 1,133 | 42 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 06978 | Foothill Gateway Landscape Plan | 50 | | | 50 | | | | | | | | | |
| | <i>County Reimbursement</i> | 25 | | | 25 | | | | | | | | | |
| | <i>RDA</i> | 25 | 25 | | | | | | | | | | | |
| 06901 | City Facilities Needs Assessment Study | 507 | 496 | 11 | | | | | | | | | | |
| | <i>Calpine (for 21st Century Library & Community Learning Center)</i> | 180 | 180 | | | | | | | | | | | |
| 06977 | UST Remediation Study - Fire Station 2 | 301 | 216 | 85 | | | | | | | | | | |
| 06904 | Community Satisfaction Survey | 312 | 112 | | 40 | | 40 | | 40 | | 40 | | 40 | |
| 06906 | Mural/Art Program | 676 | 322 | 104 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 06953 | Employee Engagement Survey | 210 | | 35 | | 35 | | 35 | | 35 | | 35 | | 35 |
| 05102 | Landscape Material/Median Tree/Shrub Replacements | 1,158 | | 108 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 |
| 06938 | Annual Meidan Tree & Shrub Replacement | 9 | | 9 | | | | | | | | | | |
| 05160 | Surplus Property Maintenance | 215 | | 35 | 25 | 25 | 25 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 06121 | Property Taxes on Excess Right-of-Way | 55 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 06907 | Project Predesign Services | 385 | | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 06950 | Neighborhood Partnership Program Project | 1,003 | 374 | 129 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | <i>Caltrans</i> | 61 | 61 | | | | | | | | | | | |
| 06905 | Disaster Preparedness Exercise | 50 | | | 50 | | | | | | | | | |
| 06968 | Sealing Centennial Hall Parking Deck | 262 | 232 | | | | 30 | | | | | | | |
| 06952 | Neighborhood Improvement Grant Program | 30 | | 15 | 15 | | | | | | | | | |
| 06913 | Downtown Parking Improvements | 100 | | 100 | | | | | | | | | | |
| TBD | 150th Hayward Anniversary Events | 100 | | | | | | | | | | 100 | | |
| | <i>Transfer from General Fund</i> | 100 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| CAPITAL PROJECTS - POLICE | | | | | | | | | | | | | | |
| 07402 | Supporting Services Equipment | 655 | | 234 | 74 | 34 | 75 | 25 | 54 | 30 | 37 | 30 | 30 | 32 |
| 07405 | SWAT Team Equipment | 499 | | 42 | 21 | 16 | 17 | 47 | 84 | 72 | 50 | 50 | 50 | 50 |
| 07409 | Police Officer Equipment | 1,787 | | 282 | 166 | 321 | 66 | 60 | 240 | 156 | 156 | 156 | 60 | 124 |
| 07411 | Field Operations Equipment | 350 | | 92 | 33 | 22 | 27 | 32 | 19 | 25 | 25 | 25 | 25 | 25 |
| 07412 | Criminal Investigations Equipment | 209 | | 65 | 23 | 14 | 2 | 20 | 2 | 22 | 22 | 2 | 22 | 15 |
| 07417 | Leica 3-D Scanner | 125 | | 125 | | | | | | | | | | |
| CAPITAL PROJECTS - FIRE | | | | | | | | | | | | | | |
| 07472 | Fire Station No. 7 & Firehouse Clinic - Construction | 10,000 | 9,858 | 142 | | | | | | | | | | |
| | <i>Financing</i> | 8,800 | 8,800 | | | | | | | | | | | |
| | <i>County Health Services Department</i> | 1,200 | 1,200 | | | | | | | | | | | |
| 07452 | Fire Special Operations | | | 157 | | | | | | | | | | |
| 07451 | Cardiac Monitor Replacement (Defibrillators) | 1,608 | 283 | 148 | 377 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 99 | 99 |
| 07483 | Dental Chairs for Fire Station Clinic | 60 | | 60 | | | | | | | | | | |
| | <i>OES Mutual AID</i> | 60 | | 60 | | | | | | | | | | |
| 07484 | Emergency Management System | 107 | | | | 107 | | | | | | | | |
| 07486 | Emergency Vehicle Preemption | 2,087 | | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 207 |

CAPITAL PROJECTS (GOVERNMENTAL) - FUND 405

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|--|---|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | FY18 | | | | | | | | | | |
| 07466 | Breathing Apparatus Replacement | 1,400 | | | 108 | 108 | 108 | 108 | 172 | 172 | 172 | 172 | 172 | 108 |
| 07450 | Lucas Device Replacement | 358 | | | 19 | 70 | 70 | 70 | 19 | 19 | 19 | 24 | 24 | 24 |
| 07456 | Fire Radio Replacement | 1,002 | | | 62 | 140 | 140 | 140 | 140 | 76 | 76 | 76 | 76 | 76 |
| CAPITAL PROJECTS - MAINTENANCE SERVICES | | | | | | | | | | | | | | |
| 07475 | Replacement Equipment for Maintenance Services | 177 | | 62 | 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | TOTAL PROJECT COSTS | 15,266 | | 2,373 | 1,646 | 1,496 | 1,204 | 1,156 | 1,389 | 1,226 | 1,216 | 1,289 | 1,131 | 1,140 |
| | Transfer from Mutual Aid Overhead Reimbursement to Fund 736 | 250 | | 250 | | | | | | | | | | |
| | TOTAL EXPENDITURES | | | 2,623 | 1,646 | 1,496 | 1,204 | 1,156 | 1,389 | 1,226 | 1,216 | 1,289 | 1,131 | 1,140 |
| REVENUES: | | | | | | | | | | | | | | |
| | Interest | | | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| | Construction Tax | | | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| | County Reimbursement (Project 6978) | | | | 25 | | | | | | | | | |
| | Planning Fee Charges (Project 06908) | 1,267 | 417 | 250 | 200 | 200 | 200 | | | | | | | |
| | Mutual Aid Overhead Reimbursement | | | 158 | 50 | 50 | 51 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| | OES Mutual Aid for New Dental chairs Project | | | 60 | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 728 | 527 | 500 | 501 | 302 | 302 | 302 | 302 | 303 | 303 | 302 |
| TRANSFERS IN FROM: | | | | | | | | | | | | | | |
| | General Fund | 10,872 | 4,214 | 279 | 958 | 975 | 700 | 825 | 1,096 | 900 | 925 | 975 | 825 | 825 |
| | General Fund for 150th Hayward Anniversary | 90 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| | Planning Reimbursement (Project 06908) | 175 | | 175 | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 464 | 968 | 985 | 710 | 835 | 1,106 | 910 | 935 | 985 | 825 | 825 |
| | REVENUE TOTALS: | | | 1,192 | 1,495 | 1,485 | 1,211 | 1,137 | 1,408 | 1,212 | 1,237 | 1,288 | 1,128 | 1,127 |
| | BEGINNING FUND BALANCE: | | | 1,609 | 178 | 27 | 16 | 23 | 4 | 23 | 9 | 30 | 29 | 26 |
| | ENDING FUND BALANCE: | | | 178 | 27 | 16 | 23 | 4 | 23 | 9 | 30 | 29 | 26 | 13 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Landscape Material/Median Tree/Shrub Replacements
 Project No.: 05102
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 108 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 1,158 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 108 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 1,158 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

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

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Surplus Property Maintenance
 Project No.: 05160
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 35 | 25 | 25 | 25 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 215 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 35 | 25 | 25 | 25 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 215 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$10,000 in FY18 - FY21 to upgrade fencing on City surplus property, in accordance with the city's recently adopted fencing ordinance.

OPERATING BUDGET IMPACTS:

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

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Property Taxes on Excess Right-of-Way
 Project No.: 06121
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | 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 in FY28 to continue the program.

OPERATING BUDGET IMPACTS:

The project is a General Fund expense.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Misc

Project Title Community Satisfaction Survey

Project No.: 06904

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 112 | | 40 | | 40 | | 40 | | 40 | | 40 | | 312 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 112 | | 40 | | 40 | | 40 | | 40 | | 40 | | 312 |

DESCRIPTION:

The next community satisfaction survey is scheduled for FY 2019.

JUSTIFICATION:

This survey covers all facets of City operations and tests the priorities of the community.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

None

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title: Disaster Preparedness Exercise
 Project No.: 06905
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | | | | | | | | | | 50 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 50 | | | | | | | | | | 50 |

DESCRIPTION:

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.

JUSTIFICATION:

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved out one year.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Mural/Art Program
 Project No.: 06906
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 322 | 104 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 676 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 322 | 104 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 676 |

DESCRIPTION:

This project will allow for the painting of murals in selected locations throughout the City. The project will also fund the creation of public art pieces that will aid in neighborhood beautification and revitalization efforts.

JUSTIFICATION:

The mural/art program addresses code corrections, acts as a graffiti deterrent City-wide, and supports Council priorities. Public art installations will serve as an essential component to creating a vibrant and thriving community.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$25,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Project Predesign Services
 Project No.: 06907
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | 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:

\$35,000 added in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Property Acquisition
 Project No.: 06911
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,100 |

DESCRIPTION:

Funding will support future Property Acquisition/Economic Development projects.

JUSTIFICATION:

The City Manager utilizes this project to necessitate strategic property acquisitions to further economic development activities. Future reimbursements may come from the sale of acquired property in addition to General Fund subsidies.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

\$100,000 impact to the General Fund per year.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Neighborhood Partnership Program Project
 Project No.: 06950
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 374 | 129 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 1,003 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 374 | 129 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 1,003 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$50,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Neighborhood Improvement Grant Program
 Project No.: 06952
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 15 | 15 | | | | | | | | | | 30 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 15 | 15 | | | | | | | | | | 30 |

DESCRIPTION:

This program is designed to encourage neighborhoods and groups to join together to carry out projects of value and importance to their neighborhoods.

JUSTIFICATION:

This program was transferred into the CIP to allow for better expenditure tracking.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$15,000 added to FY19 to continue the program.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY18 - FY27

CATEGORY: Building/Misc Project Title Employee Engagement Survey
 Project No.: NEW
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY17 | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 35 | | 35 | | 35 | | 35 | | 35 | | 175 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 35 | | 35 | | 35 | | 35 | | 35 | | 175 |

DESCRIPTION:

Hire a consultant to conduct the Employee Engagement Survey, scheduled for Spring of FY18.

JUSTIFICATION:

The survey measures employee satisfaction and provides a benchmark and guidance for addressing Council's organizational health priority. The survey provides information to management that can be used to increase morale, improve employee retention, and enhance team productivity.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

None

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title: Sealing Centennial Hall Parking Deck
 Project No.: 06968
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 232 | | | | 30 | | | | | | | | 262 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 232 | | | | 30 | | | | | | | | 262 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

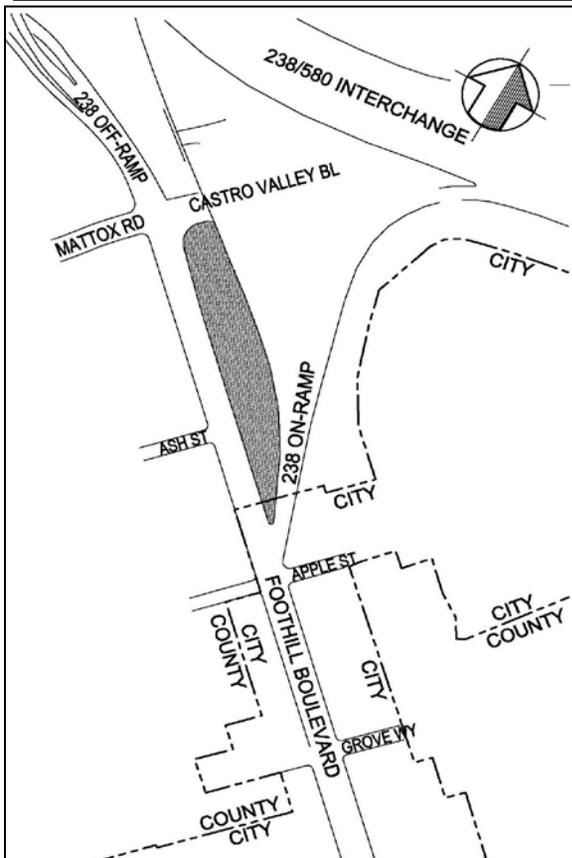
CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Foothill Gateway Landscape Plan
 Project No.: 06978
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | | | | | | | | | | 50 |
| Reimbursements | | | (50) | | | | | | | | | | (50) |
| Net Cost to Fund | | | 0 | | | | | | | | | | 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:

Landscaping upkeep will become City expense.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Supporting Services Equipment
 Project No.: 07402
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 234 | 74 | 34 | 75 | 25 | 54 | 30 | 37 | 30 | 30 | 32 | 655 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 234 | 74 | 34 | 75 | 25 | 54 | 30 | 37 | 30 | 30 | 32 | 655 |

DESCRIPTION:

Consolidated the following existing projects under this new project title: Animal Shelter Equipment, Communications Recording System, Dispatch Equipment, and Jail Equipment.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title SWAT Team Equipment

Project No.: 07405

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 42 | 21 | 16 | 17 | 47 | 84 | 72 | 50 | 50 | 50 | 50 | 499 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 42 | 21 | 16 | 17 | 47 | 84 | 72 | 50 | 50 | 50 | 50 | 499 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Police Officer Equipment

Project No.: 07409

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 282 | 166 | 321 | 66 | 60 | 240 | 156 | 156 | 156 | 60 | 124 | 1,787 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 282 | 166 | 321 | 66 | 60 | 240 | 156 | 156 | 156 | 60 | 124 | 1,787 |

DESCRIPTION:

Consolidated the following existing projects under this new project title: Body Armor, Digital Audio Recorders, Hand Guns (Duty), ID Card Printer, Meals Ready to Eat, Patrol Rifles and Shotguns, and Tasers.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$124,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Field Operations Equipment

Project No.: 07411

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 92 | 33 | 22 | 27 | 32 | 19 | 25 | 25 | 25 | 25 | 25 | 350 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 92 | 33 | 22 | 27 | 32 | 19 | 25 | 25 | 25 | 25 | 25 | 350 |

DESCRIPTION:

Consolidated the following existing projects under this new project title: Field Operations Equipment, K9 Handler Setup, K9 Units, and Traffic Enforcement Equipment.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$9,000 to FY18 to replace radar unit and additional equipment. Added \$25,000 to FY 27 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Criminal Investigations Equipment
 Project No.: 07412
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 65 | 23 | 14 | 2 | 20 | 2 | 22 | 22 | 2 | 22 | 15 | 209 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 65 | 23 | 14 | 2 | 20 | 2 | 22 | 22 | 2 | 22 | 15 | 209 |

DESCRIPTION:

Consolidated the following existing projects under this project title: Criminal Investigations Equipment and Special Operations Equipment.

JUSTIFICATION:

Items associated with this project are critical to the day-to-day operations within the Police Department as many pieces of identified equipment are nearing the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$15,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Lucas Device Replacement

Project No.: NEW

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 19 | 70 | 70 | 70 | 19 | 19 | 19 | 24 | 24 | 24 | 377 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 19 | 70 | 70 | 70 | 19 | 19 | 19 | 24 | 24 | 24 | 377 |

DESCRIPTION:

This recurring project is for the regular replacement of Lucas Devices, which are used for automatic chest compression. These devices have an approximate life of 12 years. However, technological advancements may warrant earlier replacement. The next replacement of 15 devices is needed in FY25.

JUSTIFICATION:

Lucas Devices are used to provide mechanical chest compression in cardiac arrest emergencies. These devices increase survival rates in patients vs hand compression.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Defibrillators

Project No.: 07451

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 148 | 377 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 99 | 99 | 1,325 |
| Reimbursements | | (158) | | | | | | | | | | | |
| Net Cost to Fund | N/A | (10) | 377 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 99 | 99 | 1,325 |

DESCRIPTION:

This recurring project is for the original purchase and regular replacement of cardiac monitors, which are used for monitoring, defibrillation, and pacing of the heart. These devices have an approximate life of 7 years. However, technological advancements may warrant earlier replacement. The next replacement of 15 monitors is needed in FY19.

JUSTIFICATION:

Cardiac monitors are essential, life-saving equipment. Newer models use less electricity to resuscitate the heart, resulting in less damage to the cardiac muscles. In addition, newer devices monitor the oxygen saturation and provide a more comprehensive picture of the heart.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

Mutual Aid Reimbursement

157,889

PROJECT MODIFICATIONS:

Project increased from \$240,000 FY18 to \$1,325,000 FY18-FY28 to continue replacement program.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund and Mutual Aid Overhead Reimbursements.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Fire Radio Replacement
 Project No.: NEW
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 62 | 140 | 140 | 140 | 140 | 76 | 76 | 76 | 76 | 76 | 1,002 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | | | 62 | 140 | 140 | 140 | 140 | 76 | 76 | 76 | 76 | 76 | 1,002 |

DESCRIPTION:

This recurring project is for the regular replacement of the Fire Department's Radios. The radios have an approximate life of 10 years. The next replacement of 85 devices is needed in FY23.

JUSTIFICATION:

Fire's radios are used daily for emergency and non-emergency Department communication. They also give the Department interoperability with agencies in the neighboring counties.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Self-Contained Breathing Apparatus
 Project No.: 07466
 Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 108 | 108 | 108 | 108 | 172 | 172 | 172 | 172 | 172 | 108 | 1,400 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 108 | 108 | 108 | 108 | 172 | 172 | 172 | 172 | 172 | 108 | 1,400 |

DESCRIPTION:

This recurring project is for the original purchase and regular replacement of self-contained breathing apparatuses. These devices have an approximate life of 15 years. However, technological advancements may warrant earlier replacement. The next replacement of approximately 120 apparatuses is needed in FY30.

JUSTIFICATION:

Self-Contained Breathing Apparatuses (SCBA) are 50 lb. backpacks that provide fresh air for entry into hazardous atmospheres. This equipment is essential to firefighting and rescue activities

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Replacement Equipment for Maintenance Services

Project No.: 07475

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 62 | 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 177 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 62 | 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 177 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$10,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Emergency Management System

Project No.: 07484

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 107 | | | | | | | | | 107 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 107 | | | | | | | | | 107 |

DESCRIPTION:

An emergency management system will allow City staff to direct, administer, and coordinate disaster response. In addition, such a system serves as a critical communications tool for emergency management personnel and first responders to use during and after an activation of the City's Emergency Operations Center. The estimate of \$130,000 is based on one quote; Fire staff will be able to provide a more accurate estimate in the near future after conducting more intensive research, which will include contacting multiple vendors who provide similar software solutions, and investigating the most appropriate level of software support needed for the City.

JUSTIFICATION:

An emergency management system provides a means to ensure public safety interoperability and the real-time exchange of information among city, county and state public safety officials during a disaster.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Emergency Vehicle Preemption

Project No.: NEW

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 207 | 2,087 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 207 | 2,087 |

DESCRIPTION:

This project is recurring annually over the ten year service contract from FY18-27. It pays for the global positioning system (GPS) technology that provides traffic control preemption, thereby decreasing emergency response times and allowing for a safer clearing of pedestrian traffic at affected intersections

JUSTIFICATION:

Improved response times equates to better emergency outcomes for Hayward community members. Traffic congestion throughout Hayward has increased the need for this new technology.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$207,000 added to FY28 for anticipated new contract increase.

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Misc

Project Title 150th Anniversary Events

Project No.: TBD

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 100 |

DESCRIPTION:

Costs for the City's 150th Anniversary events.

JUSTIFICATION:

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

None

OPERATING BUDGET IMPACTS:

This project is funded by the General Fund.

MEASURE C CAPITAL - FUND 406

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|--------------|---|----------------|----------------|-------------|---------------|--------|------|------|------|-------|------|------|------|------|
| 07474 | Fire Station Nos. 1-6 Improvements - Design | 2,900 | 2,216 | 684 | | | | | | | | | | |
| 07479 | Fire Station No. 1 Improvements | 1,500 | 358 | 1,142 | | | | | | | | | | |
| 07478 | Fire Station No. 2 Improvements | 2,700 | 587 | 2,113 | | | | | | | | | | |
| 07476 | Fire Station No. 3 Improvements | 2,100 | 473 | 1,627 | | | | | | | | | | |
| 07477 | Fire Station No. 4 Improvements | 2,200 | 115 | 2,085 | | | | | | | | | | |
| 07480 | Fire Station No. 5 Improvements | 1,700 | 76 | 1,624 | | | | | | | | | | |
| 07481 | New Fire Station No. 6 | 7,500 | | 1,500 | 3,500 | 2,500 | | | | | | | | |
| 07482 | New Fire Training Center* | 52,900 | 681 | 3,532 | 25,187 | 23,500 | | | | | | | | |
| | <i>Contributions from Partnering Agencies</i> | <i>20,000</i> | | | <i>20,000</i> | | | | | | | | | |
| 06988 | 21st Century Library and Community Learning Center - Construction | 61,480 | 27,980 | 26,253 | 7,247 | | | | | | | | | |
| | <i>Calpine</i> | <i>6,204</i> | <i>6,204</i> | | | | | | | | | | | |
| 05204 | Pavement Rehabilitation Project | 12,000 | 11,045 | 955 | | | | | | | | | | |
| 05290 | Tennyson Corridor Landscape Improvement | | | | 300 | | | | | | | | | |
| TBD | Pavement Rehabilitation Project** | 2,000 | | | | | | | | 2,000 | | | | |
| *Note | Funding dependent on Measure C revenue | | | | | | | | | | | | | |
| **Note | Pavement Rehabilitation will receive \$2M in FY32 | | | | | | | | | | | | | |
| | TOTAL PROJECT COSTS | | | 41,515 | 36,234 | 26,000 | | | | 2,000 | | | | |
| | TOTAL EXPENDITURES | | | 41,515 | 36,234 | 26,000 | | | | 2,000 | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | | | | | | | | | | | |
| | Calpine | 6,204 | 6,204 | | | | | | | | | | | |
| | Revenue Contributions from Partnering Agencies | 20,000 | | | 20,000 | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | | 20,000 | | | | | | | | | |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fund 101 - Measure C | | | 2,350 | 9,187 | 26,000 | | | | 2,000 | | | | |
| | TRANSFERS SUBTOTAL: | | | 2,350 | 9,187 | 26,000 | | | | 2,000 | | | | |
| | REVENUE TOTALS: | | | 2,350 | 29,187 | 26,000 | | | | 2,000 | | | | |
| | BEGINNING FUND BALANCE: | | | 46,212 | 7,047 | | | | | | | | | |
| | ENDING FUND BALANCE: | | | 7,047 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Buildings/Misc

Project Title 21st Century Library and Community Learning Center - Construction

Project No.: 06988

Fund 406 Measure C Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|---------|
| Expenditures | 27,980 | 26,253 | 7,247 | | | | | | | | | | 61,480 |
| Reimbursements | (6,204) | | | | | | | | | | | | (6,204) |
| Net Cost to Fund | 21,776 | 26,253 | 7,247 | | | | | | | | | | 55,276 |

DESCRIPTION:

This project will allow for the construction of a new 21st Century Library and Community Learning Center near the site of the existing Main Library building.

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: Calpine

\$6,204

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

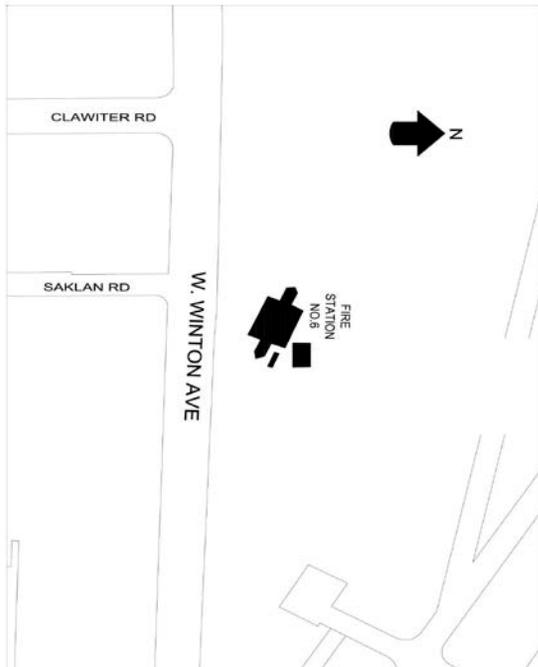
CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Buildings/Misc Project Title New Fire Station No. 6
 Project No.: 07481
 Fund 406 Measure C Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 1,500 | 3,500 | 2,500 | | | | | | | | | 7,500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 500 | 3,000 | 2,000 | | | | | | | | | 7,500 |



DESCRIPTION:

A new Fire Station No. 6 will be constructed and incorporated with the new Fire Training Center to replace the existing station.

JUSTIFICATION:

The needs assessment study demonstrated the need to renovate Fire Station No. 6; however, the cost to renovate would be near the cost of constructing a new Fire Station No. 6 incorporated with the new Fire Training Center.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Buildings/Misc

Project Title New Fire Training Center at Fire Station No. 6 Full Build Out

Project No.: 07482

Fund 406 Measure C Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|----------|--------|------|------|------|------|------|------|------|------|----------|
| Expenditures | 681 | 3,532 | 25,187 | 23,500 | | | | | | | | | 52,900 |
| Reimbursements | | | (20,000) | | | | | | | | | | (20,000) |
| Other Financing | | | | | | | | | | | | | |
| Net Cost to Fund | 681 | 3,532 | 4,000 | 23,500 | | | | | | | | | 32,900 |



DESCRIPTION:

This project will allow for the construction of a new fire training center to replace and expand on the existing fire training academy north of the existing Fire Station No. 6.

JUSTIFICATION:

The existing Fire Training Academy consists of various buildings and training facilities assembled over the past thirty five years. The needs assessment report summarized the conditions of all existing buildings and facilities and determined them to be in fair to poor condition, substandard and some that are not in compliant with the current code requirements.

REIMBURSEMENTS:

Partnering agencies

20,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Buildings/Misc Project Title Tennyson Corridor Landscape Improvement
 Project No.: 05290
 Fund 406 Measure C Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 300 | | | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 300 | | | | | | | | | | 300 |

DESCRIPTION:

Overall lanscape beautification of the Tennyson Corridor starting from Dixon St., westbound to Industrial Blvd. including: Weather-Based Irrigation Controllers, inline drip irrigation, upgrading remote control irrigation valves and wiring, mulch and plant materials.

JUSTIFICATION:

Improving landscaping for residents and business owners as part of City Council's Strategic Initiatives.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

ROUTE 238 CORRIDOR IMPROVEMENT - FUND 410

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|---------|--------|--------|-------|------|------|------|------|------|------|------|
| | | | | FY18 | | | | | | | | | | |
| 05194 | Preliminary Design and Environmental Study for the Route 238 Corridor Improvement Project - Phases 2 & 3 | 2,128 | 1,969 | 159 | | | | | | | | | | |
| | <i>LATIP</i> | 2,000 | 1,802 | 198 | | | | | | | | | | |
| 05276 | 238 Bypass Property Disposition | 1,206 | 853 | 353 | | | | | | | | | | |
| | <i>238 OPHP (Fund 411)</i> | 1,000 | 1,000 | | | | | | | | | | | |
| 05114 | Administration and Predesign | 673 | 462 | 91 | 60 | 60 | | | | | | | | |
| 05270 | Route 238 Corridor Improvement Project - Phase 2 Construction(Mission from Industrial to South City Limit) | 30,393 | 47 | 15,107 | 15,239 | | | | | | | | | |
| | <i>LATIP</i> | 19,900 | | 15,107 | 4,793 | | | | | | | | | |
| | <i>ACTC</i> | 9,469 | | | 9,469 | | | | | | | | | |
| | <i>Rule 20A</i> | 1,450 | | 725 | 725 | | | | | | | | | |
| | <i>Comcast</i> | 130 | | 130 | | | | | | | | | | |
| 05287 | New Route 238 Corridor Improvement Project - Phase 3 Final Design and Construction | 15,500 | 122 | 1,211 | | 11,389 | 2,778 | | | | | | | |
| | <i>ACTC</i> | 9,909 | | 1,211 | | 8,698 | | | | | | | | |
| | <i>Rule 20A</i> | | | | | 125 | 125 | | | | | | | |
| | TOTAL PROJECT COSTS | | | 16,920 | 15,299 | 11,449 | 2,778 | | | | | | | |
| | Transfer to Street System Improvements Fund (Fund 450) | | | 400 | | | | | | | | | | |
| | TOTAL EXPENDITURES | | | 17,320 | 15,299 | 11,449 | 2,778 | | | | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 1 | 1 | 1 | 1 | | | | | | | |
| | Lease Payments from Acquired Properties | 277 | 227 | 40 | 10 | | | | | | | | | |
| | Alameda CTC | 19,500 | 122 | 1,211 | 9,469 | 8,698 | | | | | | | | |
| | JEM (Developer Reimbursement Agreement) | 65 | 65 | | | | | | | | | | | |
| | State Right of Way Rental | 197 | 100 | 47 | 50 | | | | | | | | | |
| | Real Estate Transactions (Surplus Land Sales) | 2,400 | | 2,400 | | | | | | | | | | |
| | PG&E Rule 20A | 1,700 | | 725 | 725 | 125 | 125 | | | | | | | |
| | LATIP | 21,900 | 1,802 | 15,305 | 4,793 | | | | | | | | | |
| | Comcast Rule 20A | 130 | | | 130 | | | | | | | | | |
| | County RDA Reimb. For City's Contrib. for Mt. Eden Project | 6,477 | | | 950 | 2,750 | 2,777 | | | | | | | |
| | REVENUE SUBTOTAL: | | | 19,729 | 16,128 | 11,574 | 2,903 | | | | | | | |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 | 0 | 0 | 0 | | | | | | | |
| | REVENUE TOTALS: | | | 19,729 | 16,128 | 11,574 | 2,903 | | | | | | | |
| | BEGINNING FUND BALANCE: | | | (2,088) | 321 | 1,150 | 1,275 | | | | | | | |
| | ENDING FUND BALANCE: | | | 321 | 1,150 | 1,275 | 1,400 | | | | | | | |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title: Administration and Predesign

Project No.: 05114

Fund 410 - Route 238 Corridor Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 462 | 77 | 60 | 60 | | | | | | | | | 659 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 462 | 77 | 60 | 60 | | | | | | | | | 659 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title: Route 238 Corridor Improvement Project - Phase 2 (Mission from Industrial to South City Limit)

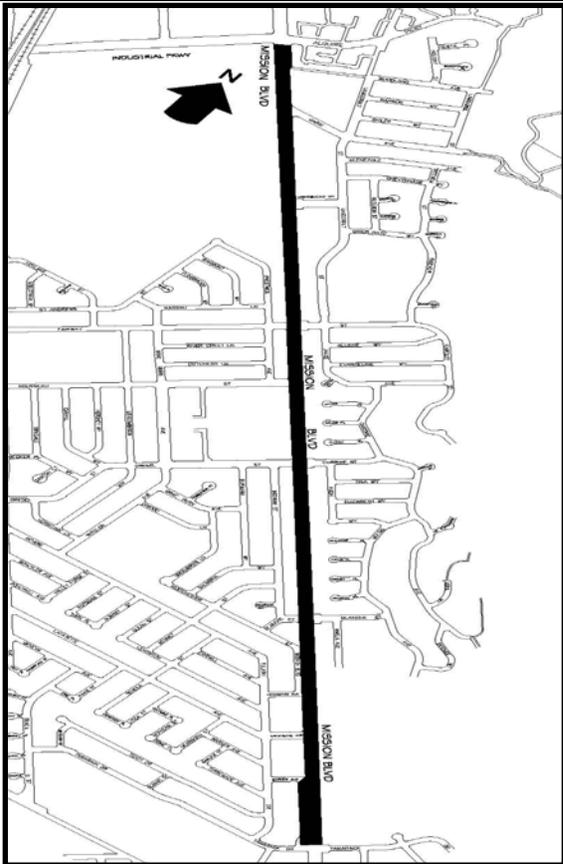
Project No.: 05270

Fund 410 - Route 238 Corridor Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|---------|------|------|------|------|------|------|------|------|------|----------|
| Expenditures | 47 | 15,107 | 15,239 | | | | | | | | | | 30,393 |
| Reimbursements | | (15,107) | (4,793) | | | | | | | | | | (19,900) |
| Net Cost to Fund | 9 | 0 | 10,446 | | | | | | | | | | 10,493 |



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 | 19,900 |
| Rule 20A | 1,450 |

PROJECT MODIFICATIONS:

Other reimbursements: ACTC - \$9,469

OPERATING BUDGET IMPACTS:

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

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title: Mission Blvd (Route 238) Phase 3
 Project No.: 05287
 Fund 410 - Route 238 Corridor Improvement

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|---------|-------|------|------|------|------|------|------|------|--------|
| Expenditures | 122 | 1,211 | | 11,389 | 2,778 | | | | | | | | 15,500 |
| Reimbursements | | (1,211) | | (8,698) | | | | | | | | | |
| Net Cost to Fund | 122 | 0 | | 2,691 | 2,778 | | | | | | | | 15,500 |



DESCRIPTION:

Continuation of the Route 238 Phase 1 project on Mission Boulevard from A Street to the north City limit at Rose Street. Project features includes undergrounding of overhead utilities, upgrade of existing traffic signals, installation of new fiber optic line, new streetlights, new median, new sidewalk, curb ramps, and pavement rehabilitation.

JUSTIFICATION:

This project will address existing and projected 2025 congestion along Mission Blvd (Route 238).

REIMBURSEMENTS:

ACTC \$ 9,900,000
 PROJECT MODIFICATIONS:

Other reimbursements: Rule 20A - \$250,000

OPERATING BUDGET IMPACTS:

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

STREET SYSTEM IMPROVEMENTS - FUND 450

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 05265 | Pavement Rehabilitation - Industrial Boulevard | 1,512 | 1,512 | | | | | | | | | | | |
| | OBAG | 1,335 | 1,142 | 193 | | | | | | | | | | |
| 05266 | Pavement Reconstruction FY15 - Industrial Parkway - Ruus to | 1,047 | 221 | 826 | | | | | | | | | | |
| | Developer Contribution | 158 | 158 | | | | | | | | | | | |
| 05197 | 880/92 Reliever Route Project Design, R/W and Construction | 32,400 | 31,657 | 393 | 350 | | | | | | | | | |
| | ACTC | 27,037 | 26,220 | 817 | | | | | | | | | | |
| 05275 | Transit Connector and Feasibility Study - Industrial and Cannery | 477 | 384 | 93 | | | | | | | | | | |
| | Federal Transportation Planning Grant | 310 | 153 | 157 | | | | | | | | | | |
| 05148 | Project Predesign Services | 333 | | 33 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 05153 | Alameda County Aerial Photography | 209 | | 59 | | 50 | | | 50 | | | | 50 | |
| 05267 | Sidewalk Rehabilitation FY17 - Districts 1 & 8 | 800 | 658 | 142 | | | | | | | | | | |
| | Resident Participation | 67 | 67 | | | | | | | | | | | |
| 05256 | Sidewalk Rehabilitation FY18 - Districts 2 & 3 | 950 | 453 | 497 | | | | | | | | | | |
| | Resident Participation | 95 | 95 | | | | | | | | | | | |
| 05249 | Sidewalk Rehabilitation FY19 - Districts 6 & 9 | 960 | 7 | 290 | 663 | | | | | | | | | |
| | Resident Participation | 90 | | 90 | | | | | | | | | | |
| 05285 | Sidewalk Rehabilitation FY20 - Districts 4 & 5 | 850 | | 25 | 25 | 800 | | | | | | | | |
| | Resident Participation | 90 | | 90 | | | | | | | | | | |
| 05263 | Median Landscaping Improvement Project FY18 - Industrial Parkway | 640 | 35 | 605 | | | | | | | | | | |
| 05255 | Median Landscaping Improvement Project FY19 - Hesperian - | 511 | 97 | 36 | 378 | | | | | | | | | |
| | Winton to Chabot Ct. | | | | | | | | | | | | | |
| 05281 | Median Landscaping Improvement Project FY20 - Hesperian - West | 852 | | 2 | | 50 | 800 | | | | | | | |
| | A St. to Winton | | | | | | | | | | | | | |
| 05257 | Bridge Structures Maintenance | 637 | 225 | 50 | 362 | | | | | | | | | |
| 05248 | City Municipal Parking Lot #2 | 500 | 52 | 6 | 442 | | | | | | | | | |
| 05286 | City Municipal Parking Lot #1 | 650 | | | 650 | | | | | | | | | |
| 05282 | Pavement Rehabilitation Winton Ave West - Hesperian Blvd to Santa Clara | 1,978 | | | 1,978 | | | | | | | | | |
| | OBAG | 1,750 | | | 1,750 | | | | | | | | | |
| 05283 | Main Street Complete Street Project | 2,225 | | 25 | 325 | 1,875 | | | | | | | | |
| | OBAG | 1,675 | | | 175 | 1,500 | | | | | | | | |
| 05291 | Median Island Curb Reconstruction - Industrial Pkwy West | 200 | | | 200 | | | | | | | | | |
| 05292 | Innovative Deployments to Enhance Arterials (IDEA) -Tennyson Corridor and Second Street | 402 | | | 402 | | | | | | | | | |
| | IDEA Grant | 300 | | | 300 | | | | | | | | | |
| TBD | Sidewalk Rehabilitation FY21 - FY28 | 6,850 | | | | | 550 | 900 | 900 | 900 | 900 | 900 | 900 | 900 |
| | Resident Participation | 685 | | | | | 55 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| TBD | Pavement Rehabilitation FY22 - FY28 | 4,050 | | | | | 50 | 1,350 | 400 | 400 | 500 | 400 | 450 | 500 |
| TBD | Median Landscaping Improvement Project FY23 - Industrial Blvd. - Hwy 92 to Arf Ave. | 1,100 | | | | | 50 | 1,050 | | | | | | |
| TBD | City Municipal Parking Lot #7, D-1 and D-2 | 242 | | | | | | 242 | | | | | | |
| | TOTAL PROJECT COSTS | | | 3,081 | 5,805 | 3,137 | 1,480 | 3,330 | 1,380 | 1,330 | 1,430 | 1,380 | 1,380 | 1,430 |
| | Transfer to Fund 612 for overpayment to Project 05197 | | | 311 | 222 | | | | | | | | | |
| | TOTAL EXPENDITURES | | | 3,391 | 6,028 | 3,137 | 1,480 | 3,330 | 1,380 | 1,330 | 1,430 | 1,380 | 1,380 | 1,430 |

STREET SYSTEM IMPROVEMENTS - FUND 450

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| | Sidewalk Rehabilitation Reimbursement | 1,027 | | 162 | 90 | 90 | 55 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| | OBAG (Project 05265 and Winton Pavement Rehabilitation) | 3,618 | | 193 | 1,925 | 1,500 | | | | | | | | |
| | ACTC (Project 05197) | 27,037 | 26,220 | 817 | | | | | | | | | | |
| | County RDA Reimb. for City's Contrib. for Mt. Eden Project | 4,683 | | 160 | 2,050 | 250 | 223 | 2,000 | | | | | | |
| | FTP Grant Project 05275 | 310 | 153 | 157 | | | | | | | | | | |
| | Streets Impact Fee (Waste Management) | 5,553 | | 430 | 450 | 460 | 474 | 488 | 503 | 518 | 533 | 549 | 566 | 583 |
| | IDEA Grant | 300 | | | 300 | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 1,920 | 4,816 | 2,302 | 753 | 2,579 | 594 | 608 | 624 | 640 | 656 | 674 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fund 410 - (Rt. 238 Corridor Improvement) | | | 400 | | | | | | | | | | |
| | Fund 210 (Gas Tax "Swap") | | | 637 | 1,235 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 |
| | Fund 210 (Gas Tax Mid Year adjustment) | | | 165 | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 1,202 | 1,235 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 |
| | REVENUE TOTALS: | | | 3,122 | 6,051 | 3,052 | 1,503 | 3,329 | 1,344 | 1,358 | 1,374 | 1,390 | 1,406 | 1,424 |
| | BEGINNING FUND BALANCE: | | | 416 | 147 | 170 | 85 | 107 | 106 | 70 | 99 | 43 | 52 | 79 |
| | ENDING FUND BALANCE: | | | 147 | 170 | 85 | 107 | 106 | 70 | 99 | 43 | 52 | 79 | 72 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title: Project Predesign Services

Project No.: 05148

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 33 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 333 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 33 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 333 |

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 \$30,000 in FY27 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Alameda County Aerial Photography

Project No.: 05153

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 59 | | 50 | | | 50 | | | 50 | | | 209 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 59 | | 50 | | | 50 | | | 50 | | | 209 |

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 FY19 - FY28

CATEGORY: Road and Street

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

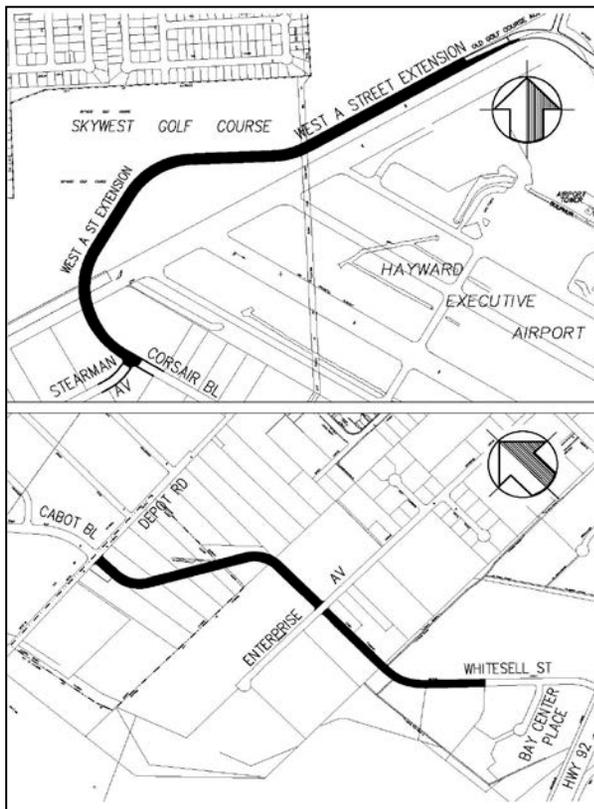
Project No.: 05197

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|----------|
| Expenditures | 31,657 | 393 | 350 | | | | | | | | | | 32,400 |
| Reimbursements | (26,220) | (817) | 0 | | | | | | | | | | (27,037) |
| Net Cost to Fund | 5,437 | (424) | 350 | | | | | | | | | | 5,363 |



DESCRIPTION:

Phase I of the I-880/92 Reliever Route project consists of construction of the West "A" Street and Whitesell Street extensions. The project, which will cost approximately \$27.5 million and is anticipated to be completed by the end of FY16, is fully funded through the Alameda County Transportation Improvement Authority (ACTIA).

JUSTIFICATION:

All costs will be funded by ACTIA.

REIMBURSEMENTS:

ACTIA

27.037

PROJECT MODIFICATIONS:

\$350,000 added to FY19 to close out project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title City Municipal Parking Lot #2

Project No.: 05248

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 52 | 6 | 442 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 52 | 6 | 442 | | | | | | | | | | 500 |

DESCRIPTION:

Each year, funding is utilized 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.

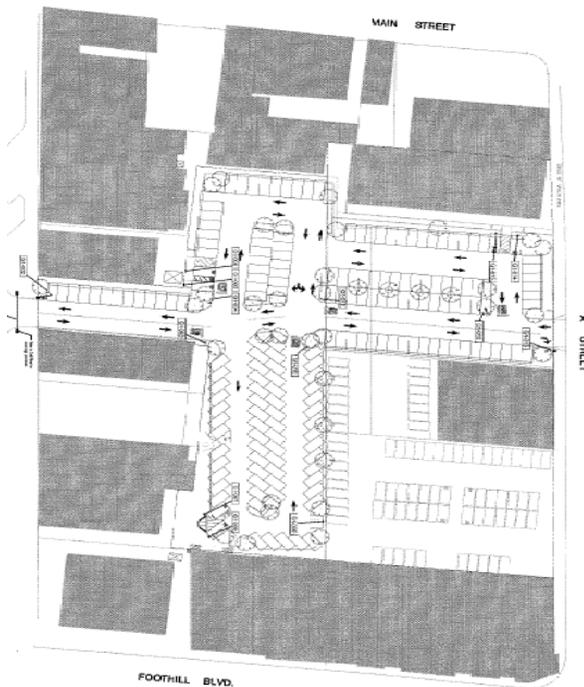
REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved to FY19.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.



CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Sidewalk Rehabilitation FY17 - Districts 6 & 9
 Project No.: 05249
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 7 | 290 | 663 | | | | | | | | | | 960 |
| Reimbursements | | | (90) | | | | | | | | | | (90) |
| Net Cost to Fund | 7 | 290 | 573 | | | | | | | | | | 870 |

DESCRIPTION:

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

Each year, as funds are appropriated, the current portion of the program will be segregated to

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is partially funded by the allocation of Proposition 42/Gas Tax "swap" funding.

MAP NEEDED

REIMBURSEMENTS:

Resident Participation 90

PROJECT MODIFICATIONS:

Project moved out one year.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

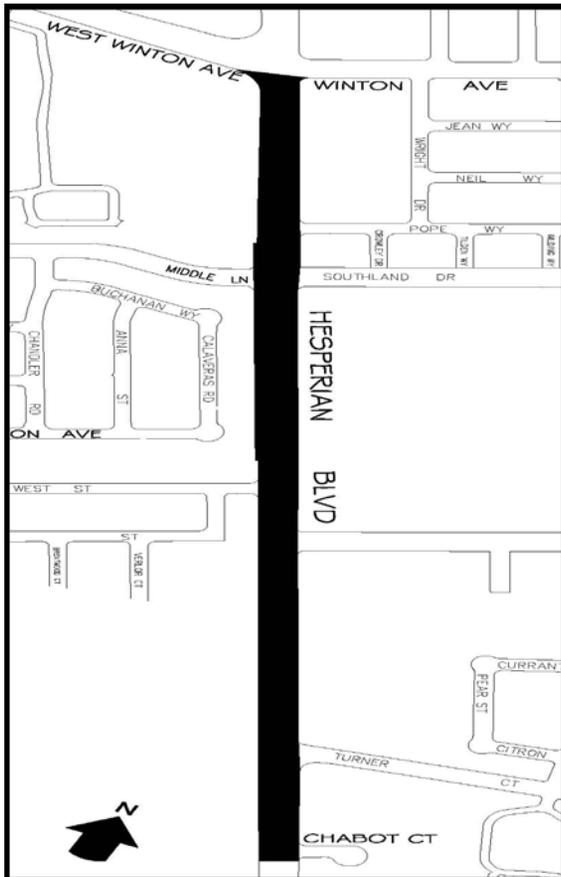
CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Median Landscaping Improvement Project FY16 - Hesperian from Winton to Chabot Court
 Project No.: 05255
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 97 | 36 | 378 | | | | | | | | | | 511 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 97 | 36 | 378 | | | | | | | | | | 511 |



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:

Project moved out one year.

OPERATING BUDGET IMPACTS:

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

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Bridge Structures Maintenance FY16
 Project No.: 05257
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 225 | 50 | 362 | | | | | | | | | | 637 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 225 | 50 | 362 | | | | | | | | | | 637 |

DESCRIPTION:

The Bridge Structures Maintenance Project is comprised of 10 bridges and consists of deck cracks treatment, repair of spalls and pop-outs in deck surfaces; replacement of compression type joint seals; spot prep and paint steel girder and bearing assemble; removal of transient debris and trash from abutments; and place full fencing around the abutments as per the latest State Bridge Inspection Report (Batches 30541 & 30543).

JUSTIFICATION:

The Bridge Structures Maintenance Project will correct deficiencies, maintain structural adequacy and safe loading carrying capacity, and improve the overall condition of the ten (10) bridges within the City jurisdiction.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$47,000 to FY19 to increase scope of project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

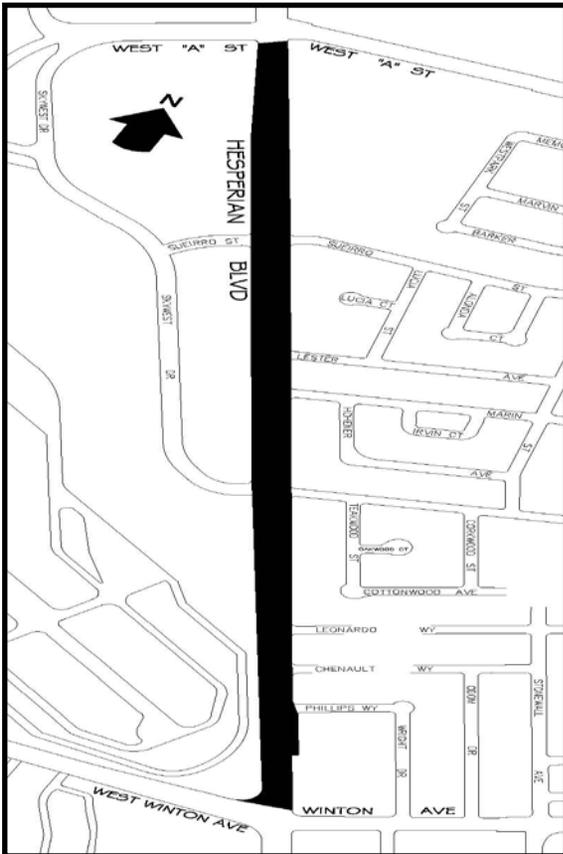
CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Median Landscaping Improvement Project FY20 - Hesperian - West A Street to Winton
 Project No.: 05281
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 2 | | 50 | 798 | | | | | | | | 850 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 2 | | 50 | 798 | | | | | | | | 850 |



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:

Moved out two years.

OPERATING BUDGET IMPACTS:

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

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Pavement Rehabilitation of Winton Avenue West - Hesperian Boulevard to Santa Clara

Project No.: 05282

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|---------|------|------|------|------|------|------|------|------|------|---------|
| Expenditures | | | 1,978 | | | | | | | | | | 1,978 |
| Reimbursements | | | (1,750) | | | | | | | | | | (1,750) |
| Net Cost to Fund | | | 228 | | | | | | | | | | 228 |

DESCRIPTION:

Rehabilitation of Winton Avenue West from Hesperian Boulevard to Santa Clara consists of three (3) segments; Hesperian Boulevard to Southland Drive, Southland Drive to Begin PCC Overpass (I-880), and End of PCC Overpass (i-880) to Santa Clara Street. Recommended treatment is Full Depth Reclamation.

JUSTIFICATION:

Winton Avenue West is considered as a major connector from Interstate 880 to CA 92 and Hayward's arterial and collector streets servicing multiple retail businesses, residential and industrial districts.

REIMBURSEMENTS:

One Bay Area Grant (OBAG) 1,750,000

PROJECT MODIFICATIONS:

Project moved out one year per grant funder.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title NEW - Main Street Complete Street Project
 Project No.: 05283
 Fund 450 Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|---------|------|------|------|------|------|------|------|------|---------|
| Expenditures | | 25 | 325 | 1,875 | | | | | | | | | 2,225 |
| Reimbursements | | | (175) | (1,500) | | | | | | | | | (1,675) |
| Net Cost to Fund | | | 150 | 375 | | | | | | | | | 550 |

DESCRIPTION:

The project proposes to construct bike lanes, widen sidewalks and add complete street elements on Main Street from A Street to D Street.

JUSTIFICATION:

Project is needed to improve pedestrian and bicycle accessibility in Downtown Hayward. This project is consistent with City's adopted Complete Street Policy.

MAP NOT APPROPRIATE

REIMBURSEMENTS:
 One Bav Area Grant

1,675,000

PROJECT MODIFICATIONS:

Project moved out one year per grant funder.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Sidewalk Rehabilitation FY20- Districts 4 & 5
 Project No.: 05285
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 25 | 800 | | | | | | | | | 850 |
| Reimbursements | | | | (90) | | | | | | | | | (90) |
| Net Cost to Fund | | 25 | 25 | 710 | | | | | | | | | 760 |

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

JUSTIFICATION:

This project is an effort to continue addressing the Citywide damage to sidewalks, curbs, and gutters caused by street trees. This program is partially funded by the allocation of Proposition 42/Gas Tax "swap" funding.

MAP NEEDED

REIMBURSEMENTS:

Resident Participation 90.000

PROJECT MODIFICATIONS:

Project moved out one year.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title City Municipal Parking Lot #1

Project No.: 05286

Fund 450 - Street System Improvements

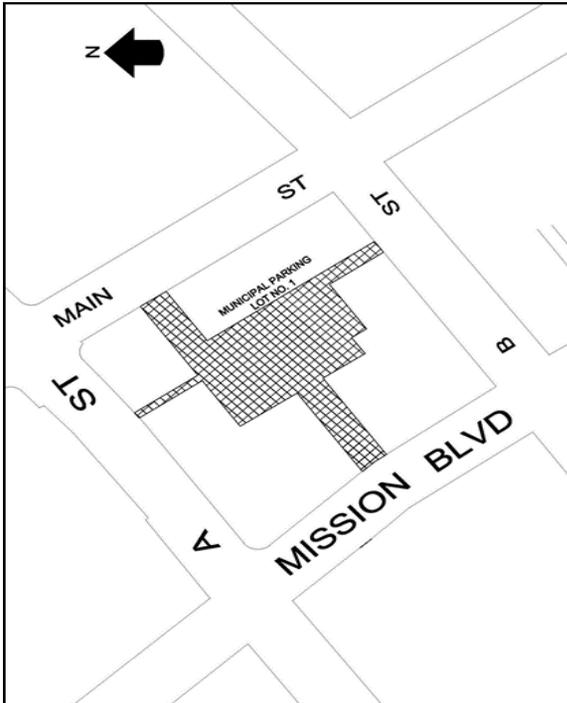
(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 650 | | | | | | | | | | 650 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 650 | | | | | | | | | | 650 |

DESCRIPTION:

Each year, funding is utilized 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.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved from FY18 to FY19

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Median Island Curb Reconstruction- Industrial Parkway West
 Project No.: 05291
 Fund 450 Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 200 | | | | | | | | | | 200 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | | | 200 | | | | | | | | | | 200 |

DESCRIPTION:

This will replace the existing median curb with height varying from 4" to almost flush with the road pavement to City Standard Island Curb of 8" reveal. The construction of the median island curb is essential in keeping and maintaining the newly improved median landscaping including its appurtunances.

JUSTIFICATION:

Construction of City Standard Island Curb of 8" reveal is necessitated to maintain the median landscaping from being damaged by vehicles.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title IDEA - Tennyson Corridor and Second Street
 Project No.: 05292
 Fund 450 Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 402 | | | | | | | | | | 402 |
| Reimbursements | | | (300) | | | | | | | | | | (300) |
| Net Cost to Fund | | | 102 | | | | | | | | | | 102 |

DESCRIPTION:

The City obtained funding through MTC's Innovation Deployment to Enhanced Arterials (IDEA) grant to fund installation of various technologies to monitor the City's unique traffic patterns and address congestion.

JUSTIFICATION:

This grant will provide data driven tools that will provide the ability to analyze dynamic changes in traffic patterns, specifically on east-west corridors and major north-south arterials in the downtown core and the Tennyson Corridor. The data provided will be used to identify shortfalls, maximize the efficiency of the City's existing traffic systems and develop dynamic solutions to

MAP NOT APPROPRIATE

REIMBURSEMENTS:

IDEA Grant

\$ 300,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title City Municipal Parking Lot #7,D-1 and D-2

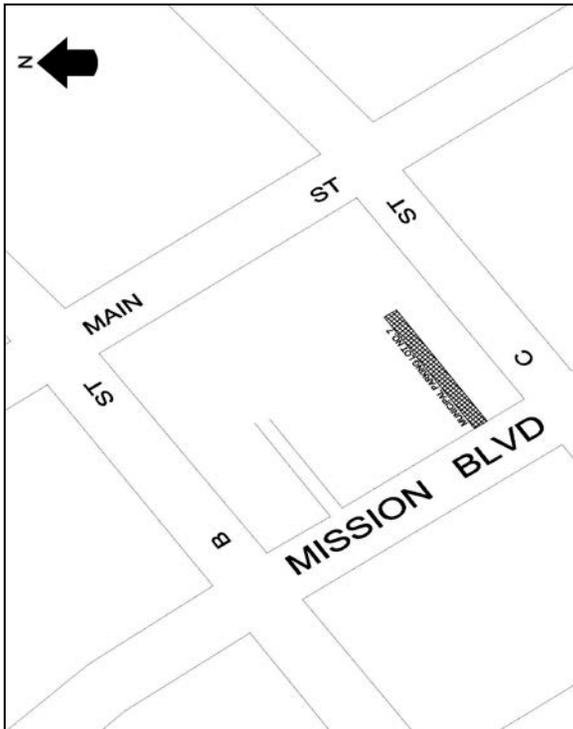
Project No.: To Be Determined

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 242 | | | | | | | | | 242 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 242 | | | | | | | | | 242 |



DESCRIPTION:

Each year, funding is utilized to rehabilitate pavement at one of the City's parking lots. Three small lots are combined this year as requested by the Council Infrastructure Committee.

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 depicts Lot 7.)

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

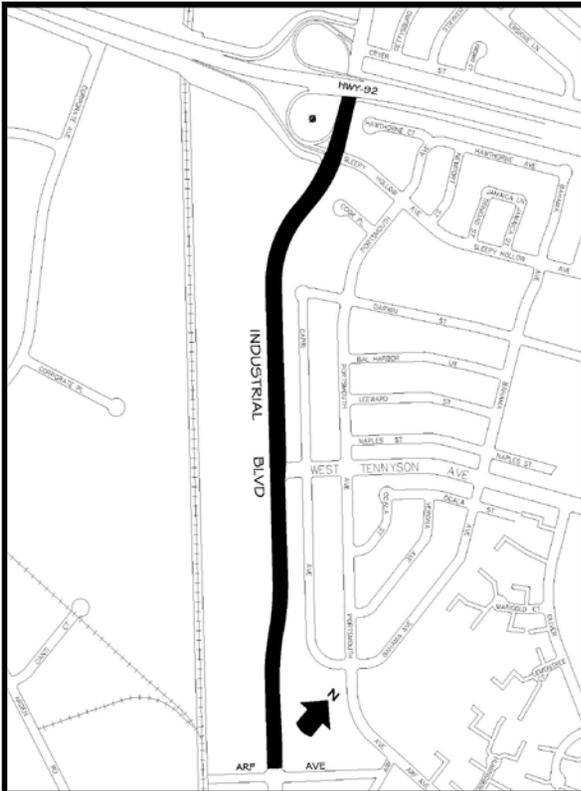
CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title: Median Landscaping Improvement Project FY23 - Industrial Blvd. from Hwy 92 to Arf Avenue
 Project No.: To Be Determined
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|-------|------|------|------|------|------|------|--------|
| Expenditures | 0 | | | | 50 | 1,050 | | | | | | | 1,100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | | | | 50 | 1,050 | | | | | | | 1,100 |



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:

Project moved out one year due to available fund balance.

OPERATING BUDGET IMPACTS:

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

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Pavement Rehabilitation FY22-FY28

Project No.: TBD

Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|-------|------|------|------|------|------|------|--------|
| Expenditures | | | | | 50 | 1,350 | 400 | 400 | 500 | 400 | 450 | 500 | 4,050 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | | 50 | 1,350 | 400 | 400 | 500 | 400 | 200 | 350 | 4,050 |

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:

Various increases and decreases due to fund balance.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Sidewalk Rehabilitation FY21-FY28
 Project No.: To Be Determined
 Fund 450 - Street System Improvements

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | 550 | 900 | 900 | 900 | 900 | 900 | 900 | 900 | 6,850 |
| Reimbursements | | | | | (55) | (90) | (90) | (90) | (90) | (90) | (90) | (90) | (685) |
| Net Cost to Fund | | | | | 495 | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 6,165 |

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 695.000

PROJECT MODIFICATIONS:

Added \$900,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

TRANSPORTATION SYSTEM IMPROVEMENT - FUND 460

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|----------|------|------|------|------|------|------|------|------|------|------|
| 05705 | Citywide Intersection Improvement Study | 474 | 296 | 178 | | | | | | | | | | |
| 05708 | Mission/Blanche & Huntwood/Gading Traffic Signal | 590 | 496 | 94 | | | | | | | | | | |
| | HSIP | 396 | | 396 | | | | | | | | | | |
| 05710 | Huntwood/Sandoval and Huntwood/Industrial Coordination/Software | 85 | 6 | 79 | | | | | | | | | | |
| 05701 | Signal Timing and Controller Replacement Program - Hesperian, Tennyson, and Winton | 694 | 649 | 45 | | | | | | | | | | |
| | TFCA | 664 | 614 | 50 | | | | | | | | | | |
| 05274 | Traffic Impact Fee Study | 200 | | | 200 | | | | | | | | | |
| 05735 | Neighborhood Traffic Calming Program Study | 110 | 97 | 13 | | | | | | | | | | |
| 05711 | Multi Modal LOS Study | | | | 100 | | | | | | | | | |
| 05709 | Traffic Control Devices Repair/Replacement | 458 | | 58 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 05734 | Traffic Calming Implementation Program | 1,064 | | 164 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| 05856 | Controller Cabinet Replacement and Battery Back Up Program | 330 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 05877 | Transportation System Management Projects | 550 | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 05893 | Quick Response Traffic Safety Projects | 240 | | 40 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 05712 | Intersection Improvement Project - TBD | 1,250 | | 50 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 100 | 100 | 125 |
| | TOTAL PROJECT COSTS | | | 802 | 655 | 355 | 355 | 355 | 355 | 355 | 355 | 330 | 330 | 355 |
| | TOTAL EXPENDITURES | | | 802 | 655 | 355 | 355 | 355 | 355 | 355 | 355 | 330 | 330 | 355 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 2 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| | TFCA (Projects 05701, 05703 and 05706) | | 1,054 | 50 | | | | | | | | | | |
| | HSIP | | | 396 | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 448 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fund 100 (General Fund) | | | 504 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| | TRANSFERS SUBTOTAL: | | | 504 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| | REVENUE TOTALS: | | | 952 | 354 | 351 | 351 | 351 | 351 | 351 | 351 | 352 | 352 | 352 |
| | BEGINNING FUND BALANCE: | | | 195 | 346 | 45 | 41 | 37 | 33 | 29 | 25 | 21 | 43 | 65 |
| | ENDING FUND BALANCE: | | | 346 | 45 | 41 | 37 | 33 | 29 | 25 | 21 | 43 | 65 | 62 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Traffic Impact Fee Study

Project No.: 05274

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 200 | | | | | | | | | | 200 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 200 | | | | | | | | | | 200 |

DESCRIPTION:

This project will assess the viability of implementing a traffic impact fee program.

JUSTIFICATION:

Traffic impact fees are collected from developers to mitigate impacts on the City's transportation networks resulting from new development.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved to FY19

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Traffic Control Devices Repair/Replacement
 Project No.: 05709
 Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 58 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 458 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 58 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 458 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$40,000 added in FY28 to continue project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Multi Modal LOS Study

Project No.: 05711

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 100 | | | | | | | | | | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 100 | | | | | | | | | | 100 |

DESCRIPTION:

The Multimodal Plan will evaluate establishing modal priorities for arterials and major collectors and level of service for each mode of transportation i.e. Bicycle, Pedestrian, Transit and Auto.

JUSTIFICATION:

This effort will assess the pedestrian environment and bicycle environment and supporting infrastructure for non- motorized transportation to include landscaping, streetscape, lighting signage and wayfinding design, tree planting, sidewalks, crosswalks and walkways, bicycle facilities, and the condition of bicycle parking and amenities. The existing bus stops and transit routes will be reviewed and opportunities for enhancements assessed. This is required to further the goals of City's adopted Complete Street Policy.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Intersection Improvement Project

Project No.: 05712

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 50 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 100 | 100 | 125 | 1,250 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 50 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 100 | 100 | 125 | 1,250 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$100,000 to FY28 to continue project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Livable Neighborhoods Project Title Traffic Calming Implementation Program
 Project No.: 05734
 Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 164 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 75 | 90 | 90 | 1,049 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 164 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 75 | 90 | 90 | 1,049 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$90,000 added to FY28 to continue project..

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Controller Cabinet Replacement Program

Project No.: 05856

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 330 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 330 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$30,000 to FY28 to continue project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street Project Title Transportation System Management Projects
 Project No.: 05877
 Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 550 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 550 |

DESCRIPTION:

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

JUSTIFICATION:

To increase traffic capacity at various City locations.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$70,000 to FY28 to continue project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Road and Street

Project Title Quick Response Traffic Safety Projects

Project No.: 05893

Fund 460 - Transportation System Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 40 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 240 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 40 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 240 |

DESCRIPTION:

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

JUSTIFICATION:

This program will improve pedestrian and vehicular traffic safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added funding of \$20,000 to FY28 to continue project.

OPERATING BUDGET IMPACTS:

WATER REPLACEMENT - FUND 603

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|---------------|---------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 07001 | Utility Center Prefabricated Storage Building | 171 | 0 | 171 | | | | | | | | | | |
| 07004 | Distribution System Pressure Reducing Strategy | 500 | 68 | 232 | 200 | | | | | | | | | |
| 07110 | 750' Reservoir Inspection and Repair | 2,050 | 41 | 2,009 | | | | | | | | | | |
| 07163 | Main Replacements - Mission, Meek, Winton, & Grand | 2,565 | 2,565 | | | | | | | | | | | |
| | <i>Project Revenue</i> | <i>10</i> | <i>10</i> | | | | | | | | | | | |
| 07026 | Water System Leak Detection Survey and Repair | 275 | 97 | 178 | | | | | | | | | | |
| 07043 | Asset Management Plan | 100 | 3 | | 97 | | | | | | | | | |
| 07049 | City-owned Turf Area Assessment and Pilot Turf Repl Program | 105 | 1 | 104 | | | | | | | | | | |
| 07050 | Bay-Friendly Water Conservation/Demonstration Garden | 170 | 1 | 169 | | | | | | | | | | |
| 07035 | City Irrigation System Backflow Replacements | 110 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 07047 | Water Efficient Landscape Surveys and Incentives | 541 | 280 | 261 | | | | | | | | | | |
| 07025 | Conversion to Advanced Metering Infrastructure (AMI) | 13,500 | 5,163 | 8,337 | | | | | | | | | | |
| | <i>Transfer from 605 (Water Operating)</i> | <i>10,000</i> | <i>10,000</i> | | | | | | | | | | | |
| 07005 | Cast Iron Water Pipeline Replacement | 1,980 | 1,505 | 475 | | | | | | | | | | |
| 07003 | Miscellaneous Hydrant Replacement Program | 275 | N/A | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 07006 | Annual System Replacement Program | 1,999 | N/A | 199 | 150 | 150 | 150 | 150 | 200 | 200 | 200 | 200 | 200 | 200 |
| 07013 | High Efficiency Fixture Replacement Rebate Program | 2,178 | 478 | 350 | 200 | 100 | 100 | 100 | 100 | 150 | 150 | 150 | 150 | 150 |
| 07030 | Project Predesign Services | 275 | N/A | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 07046 | Replace 16" Water Line on Francisco, Willis & Mission | 1,750 | | | | 250 | 1,500 | | | | | | | |
| 07055 | Floor Drain Modification Project at 1285 and 1530 Tanks | 200 | 0 | 200 | | | | | | | | | | |
| 07056 | Well D2 Evaluation and Repair | 300 | 57 | 243 | | | | | | | | | | |
| 07057 | Restore Water Mains Crossing at I-880 | 550 | | | 550 | | | | | | | | | |
| 07059 | Reservoir Coating Inspection/Recoating at 250' East, 250' West, | 2,400 | | 1,200 | 1,200 | | | | | | | | | |
| 07008 | Erosion Control at 1530' Reservoir | 50 | | | 50 | | | | | | | | | |
| 07009 | Easement Protection & Landscape Clearing at Various Locations | 500 | 16 | 484 | | | | | | | | | | |
| 07010 | Air Release with Blow Off Access and Rehabilitation | 320 | | | 320 | | | | | | | | | |
| 07011 | Water Main Replacement at Mission Blvd between Fairway St. and Lexington St. | 2,000 | 63 | 1,937 | | | | | | | | | | |
| 07134 | Cast Iron Water Pipeline Replacement - Local Streets | 5,500 | | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| 07133 | SCADA System Evaluation and Upgrade | 400 | | 400 | | | | | | | | | | |
| TBD | Annual Line Replacements - FY20 - FY28 | 17,000 | | | | 1,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| 07135 | Annual Line Replacements - FY17 | 470 | 470 | | | | | | | | | | | |
| 07132 | Water Main Replacement at Highland, Carroll, Zephyr, Cascade, Hickory, Stanwood, & Memorial Way | 4,700 | | 0 | 3,200 | 1,500 | | | | | | | | |
| 07131 | Water Pump Station Valve Repair & Upgrade at Various Stations | 375 | | 150 | 75 | 75 | 75 | | | | | | | |
| 07130 | Pressure Reducing Station Regulator Replacement | 450 | 1 | 299 | 150 | | | | | | | | | |
| 07129 | Well B Evaluation and Repair | 495 | | 495 | | | | | | | | | | |
| 07141 | FY18 Annual Line Replacements | 500 | | 500 | | | | | | | | | | |
| 07143 | FY19 Annual Line Replacements | | | | 750 | | | | | | | | | |
| 07144 | Fittings Upgrade for Fire Department - Various Reservoirs | 150 | | | 75 | 75 | | | | | | | | |
| | TOTAL PROJECT COSTS | | | 18,953 | 7,577 | 3,710 | 4,385 | 2,810 | 2,860 | 2,910 | 2,910 | 2,910 | 2,910 | 2,910 |
| | TOTAL EXPENDITURES | | | 18,953 | 7,577 | 3,710 | 4,385 | 2,810 | 2,860 | 2,910 | 2,910 | 2,910 | 2,910 | 2,910 |

WATER REPLACEMENT - FUND 603

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 148 | 120 | 74 | 59 | 56 | 69 | 120 | 139 | 158 | 177 | 197 |
| | BAWSCA Prop 84 Grant For Water Conservation | | 42 | | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 148 | 120 | 74 | 59 | 56 | 69 | 120 | 139 | 158 | 177 | 197 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Replacement Transfer from Fund 605 | | | 3,000 | 3,000 | 3,000 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 |
| | Transfer from Fund 604 (50% of cast iron pipeline repl) | | 1,500 | 500 | 500 | | | | | | | | | |
| | Replacement Transfer from Fund 605 (Conversion to AMI) | | 10,000 | 0 | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 3,500 | 3,500 | 3,000 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 |
| | REVENUE TOTALS: | | | 3,648 | 3,620 | 3,074 | 3,459 | 3,456 | 3,469 | 3,520 | 3,539 | 3,558 | 3,577 | 3,597 |
| | BEGINNING FUND BALANCE: | | | 23,336 | 8,031 | 4,074 | 3,438 | 2,512 | 3,158 | 3,767 | 4,377 | 5,006 | 5,654 | 6,321 |
| | ENDING FUND BALANCE: | | | 8,031 | 4,074 | 3,438 | 2,512 | 3,158 | 3,767 | 4,377 | 5,006 | 5,654 | 6,321 | 7,008 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Miscellaneous Hydrant Replacement Program

Project No.: 07003

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 |

DESCRIPTION:

This is an annual replacement of City fire hydrants by City field crews or by contract when deemed necessary. This program involves the replacement of sub-standard or obsolete hydrants that have 4 1/2" fire pumper hose connections.

JUSTIFICATION:

This project is a necessary safety maintenance measure that ensures that the City meets not only firefighting requirements but water quality standards as well, per California State Regulations Title 22.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Distribution System Pressure Reducing Strategy

Project No.: 07004

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 68 | 232 | 200 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 68 | 232 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

This project will study the feasibility of, and based on results of feasibility study, implement strategies to use Hesperian Pump Station Valve Manifold to manage the 250' zone distribution system pressure for water quality control and leak minimization.

JUSTIFICATION:

Project will minimize water waste by lowering zone system reservoirs to move water into the distribution system. The effort is in response to recommendations in the Water Balance and Audit Report.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Annual System Replacement Program

Project No.: 07006

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 150 | 150 | 150 | 150 | 150 | 200 | 200 | 200 | 200 | 200 | 200 | 1,950 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 150 | 150 | 150 | 150 | 150 | 200 | 200 | 200 | 200 | 200 | 200 | 1,950 |

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:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title: High Efficiency Fixture Replacement Rebate Program

Project No.: 07013

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 478 | 350 | 200 | 100 | 100 | 100 | 100 | 150 | 150 | 150 | 150 | 150 | 2,178 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 478 | 350 | 200 | 100 | 100 | 100 | 100 | 150 | 150 | 150 | 150 | 150 | 2,178 |

DESCRIPTION:

This project provides incentives to customers for the replacement of existing plumbing fixtures with water conserving models. A single-family residential low-flow toilet program was offered in prior years. Remaining funds will be used to participate in regional programs focused on high-efficiency toilet replacements in residential, commercial, and multi-family properties, and other

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:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Water System Leak Detection Survey and Repair

Project No.: 07026

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 97 | | 178 | | | | | | | | | | 275 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 97 | 0 | 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 275 |

DESCRIPTION:

This project provides funding for two rounds of a comprehensive leak detection survey. The City completed a Water Loss Study to determine the causes of non-revenue water consumption; that is, water that is purchased by the City from SFPUC, but is not accounted for in our water sales. A significant contributing factor is the number of undetected 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 system-wide leak detection survey and repair effort.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System Project Title Project Predesign Services
 Project No.: 07030
 Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$25,000 added in FY28 to continue the project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title City Irrigation System Backflow Replacements

Project No.: 07035

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 160 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 270 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 160 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 270 |

DESCRIPTION:

There are 152 backflow devices in City landscape areas which protect the City's water supply from contamination. This project will replace aged/damaged units.

JUSTIFICATION:

Ensure that all devices are in compliance with the Health Code.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

None

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title: Asset Management Plan
 Project No.: 07043
 Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 3 | | 97 | | | | | | | | | | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 3 | | 97 | | | | | | | | | | 100 |

DESCRIPTION:

The plan will evaluate all major utilities facilities and pipelines, and provide a schedule and cost estimates for replacement/rehabilitation. This information will be used to maintain a proactive replacement program and to identify future funding requirements.

JUSTIFICATION:

The last asset management plan for utilities was prepared in 1993. Since then, many facilities have been constructed, replaced and overhauled. The purpose of updating the asset management plan is to provide a basis for identifying assets that must be replaced or rehabilitated, the timing for such work, and the revenue required over the next 15 to 20 years.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Replace 16" Water Line on Francisco, Willis & Mission

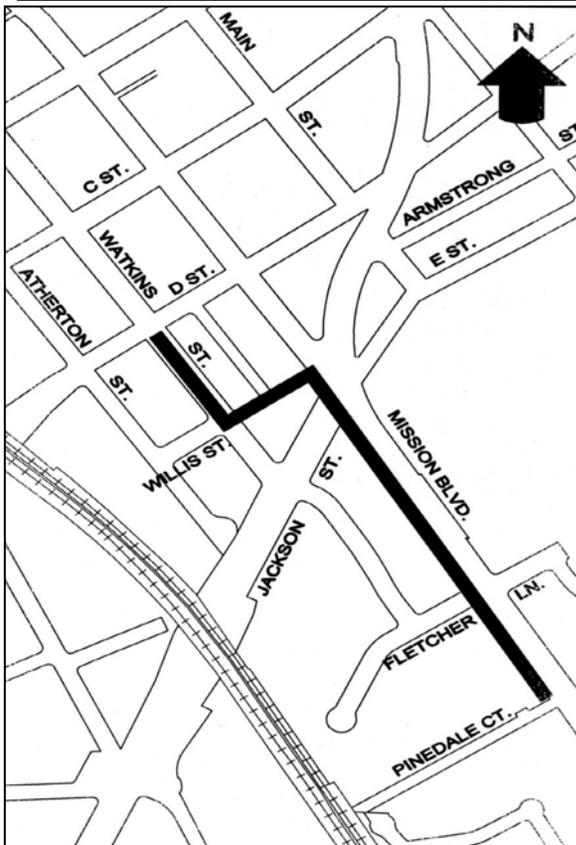
Project No.: 07046

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 250 | 1,500 | | | | | | | | 1,750 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 250 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,750 |



DESCRIPTION:

Project will replace a 2,500 LF section of the 16" transmission main between the Winton 30" and Mission 24" Aqueducts with a 20" to 30" water main in the area of Mission Blvd. and Willis Ave.

JUSTIFICATION:

Project was recommended with a "low" priority in the 1995 Water Distribution System Master Plan. The current Water Distribution System Master Plan under development will include hydraulic modeling this water main to update the need and priority of the project.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Water Efficient Landscape Surveys and Incentives

Project No.: 07047

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 280 | 19 | 242 | | | | | | | | | | 541 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 280 | 19 | 242 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 541 |

DESCRIPTION:

This project would provide large landscape area surveys to assess irrigation needs and water budgets to assist property owners in controlling irrigation water use. The project will also provide incentives for the conversion of high-water-use landscaping to water efficient landscaping through the use of climate appropriate plants, efficient and weather based irrigation systems.

JUSTIFICATION:

This project is part of the city's water conservation program.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Restore Water Mains Crossing at I-880

Project No.: 07057

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 550 | | | | | | | | | | 550 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 0 | 550 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 550 |

DESCRIPTION:

Restore existing water mains crossing I-880 at two locations (Longwood Court to Fuller Avenue and Candlewood Court to Folsom Avenue)

JUSTIFICATION:

To improve existing water quality, circulation and fire flow.

MAP NEEDED

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Reservoir Coating Inspection/Recoating at 250' East, 250' West, Garin, South Wapert & Treeview

Project No.: 07059

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 1,200 | 1,200 | | | | | | | | | | 2,400 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 1,200 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,400 |

DESCRIPTION:

Internal and external coating inspection of 250' East, 250' West, Garin, South Walpert and Treeview reservoirs.

JUSTIFICATION:

Tank cleaning results in 2013 indicate the listed tanks have coating integrity issues in need of more detailed inspections. May need recoating (internal and/or external).

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Pressure Reducing Station Regulator Replacement

Project No.: 07130

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1 | 299 | 150 | | | | | | | | | | 450 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1 | 299 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 450 |

DESCRIPTION:

This project includes pressure reducing upgrades to the various regulator stations in the Highland chain.

JUSTIFICATION:

Many of the regulators are old and replacement parts are no longer available. This would also allow the City to standardize these regulators. The pressure reducing valves are important to maintain water pressures at levels that prevent distribution system infrastructure and home/business owner appliances and plumbing.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Water Pump Station Valve Repair & Upgrade at Various Stations

Project No.: 07131

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 150 | 75 | 75 | 75 | | | | | | | | 375 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 150 | 75 | 75 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 375 |

DESCRIPTION:

The water pump stations have a large number of isolation, check, pressure relief, pressure sustaining, and air release valves that need to be periodically repaired, maintained, or replaced because the existing valves no longer function properly because of age, corrosion, or mechanical damage.

JUSTIFICATION:

This project will keep the water pump station valves in proper working order.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Water Main Replacement at Highland, Carroll, Zephyr, Cascade, Hickory, Stanwood, & Memorial Way

Project No.: 07132

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 3,200 | 1,500 | | | | | | | | | 4,700 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 3,200 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,700 |

DESCRIPTION:

Replace approximately 18,500 feet of 8-inch ACP water mains with PVC C900 at Carroll, Zephyr, Cascade, Hickory, Stanwood, and Memorial Way; Replace approximately 1,410 feet of 12-inch ACP at Highland Boulevard. These particular mains were chosen to be replaced based on frequency of breaks.

JUSTIFICATION:

As part of the replacement program to replace, upgrade and maintain the City's water distribution system. Many leaks and breaks were discovered in these areas.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title SCADA System Evaluation and Upgrade

Project No.: 07133

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 375 | | | | | | | | | | 400 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 25 | 375 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 400 |

DESCRIPTION:

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

JUSTIFICATION:

The existing SCADA system requires improvements and updates to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Cast Iron Water Pipeline Replacement - Local Streets

Project No.: 07134

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 5,500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 5,500 |

DESCRIPTION:

This project will replace existing cast iron distribution pipelines on various streets that have exceeded their service life.

JUSTIFICATION:

The replacement of older distribution pipelines will ensure reliable water 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:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title FY 19 Annual Line Replacements

Project No.: 07143

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 750 | | | | | | | | | | 750 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 750 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 750 |

DESCRIPTION:

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

JUSTIFICATION:

To provide adequate hydraulic capacity for deired fire flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increase by \$150K

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Fittings Upgrade - Various Reservoirs

Project No.: 07144

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 75 | 75 | | | | | | | | | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 75 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |

DESCRIPTION:

The inflow/outflow piping to the City's water storage tanks will be upgraded with fittings that will allow the Fire Department to attach their pumper trucks to the tank in the event of a major failure in the distribution system that serves the fire hydrants in the area.

JUSTIFICATION:

This project is in support of emergency preparedness and will allow the City to provide emergency water for fire fighting.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Annual Water Line Replacements FY20-FY28

Project No.: TBD

Fund 603 - Water Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Expenditures | | | | 1,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 17,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 1,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 17,000 |

DESCRIPTION:

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

JUSTIFICATION:

To provide adequate hydraulic capacity for deired fire flow in existing hydrants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Updated

OPERATING BUDGET IMPACTS:

WATER IMPROVEMENT - FUND 604

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|--------------|--|----------------|----------------|-------|-------|-------|-------|-------|------|------|------|-------|------|------|
| | | | | EST. | | | | | | | | | | |
| 07021 | Groundwater Sustainability Agency Formation | 300 | 110 | 190 | | | | | | | | | | |
| 07101 | Cross Connection Improvement Project | 100 | 5 | 95 | | | | | | | | | | |
| 07103 | Design of Facility Improvements for Water Distribution Field and Customer Services | 200 | | 200 | | | | | | | | | | |
| 07177 | GIS Data Development and Conversion | 675 | 108 | 67 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 07102 | Reservoir Water Quality Improvement Project | 300 | | 300 | | | | | | | | | | |
| 07106 | Dead-end Water Main Improvements | 400 | 10 | 390 | | | | | | | | | | |
| 07140 | Second Water Supply Source to 330 Zone | 770 | 121 | 649 | | | | | | | | | | |
| 07160 | Seismic Retrofit Maitland Reservoir and Appurtenances | 2,130 | 27 | | 500 | 1,603 | | | | | | | | |
| 07176 | Utility Center Renovation/Training Center Addition (2nd Floor) | 3,000 | 6 | 2,994 | | | | | | | | | | |
| | Fund 612 | 1,400 | 1,400 | | | | | | | | | | | |
| 07108 | D Street, Treeview, Maitland Reservoir Water Quality Pump Upgrade | 450 | | 450 | | | | | | | | | | |
| 07029 | Project Predesign Services | 165 | N/A | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 07119 | SCADA Replacement & Upgrade | 215 | N/A | 15 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 07136 | System Seismic Upgrades | 400 | | 400 | | | | | | | | | | |
| 07173 | Seismic Retrofit Highland 250 Reservoirs | 1,115 | 29 | 486 | 600 | | | | | | | | | |
| 07105 | Solar Power at Various Water Facilities | 3,000 | | | 3,000 | | | | | | | | | |
| 07172 | New 3 MG Reservoir at High School Reservoir Site | 7,005 | 105 | | | | | | | | 900 | 6,000 | | |
| 07191 | Groundwater Sustainability Plan Implementation | 3,000 | | 3,000 | | | | | | | | | | |
| TBD | New 2 MG Reservoir & Booster Station at Hesperian Site | 10,000 | | | | | 1,500 | 8,500 | | | | | | |
| 07184 | New 1.2MG Reservoir in 1530' Zone | 1,890 | 1,800 | 90 | | | | | | | | | | |
| | Developer Reimbursement | 2,577 | 1,437 | 380 | 380 | 380 | | | | | | | | |
| 07178 | Hesperian Site Additional Paving | 90 | | 90 | | | | | | | | | | |
| 07180 | New 8" Pipeline - BART Hayward Maintenance Complex | 450 | 369 | 81 | | | | | | | | | | |
| | BART Reimbursement | 220 | 220 | | | | | | | | | | | |
| 07181 | New 1000' Zone Regulating Station (Skyline Drive) | 475 | | 475 | | | | | | | | | | |
| 07182 | New 12" Pipeline - Dunn Road | 600 | | 600 | | | | | | | | | | |
| 07183 | New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/ Pumps Station Site | 2,850 | 243 | 2,607 | | | | | | | | | | |
| | Developer Reimbursement | 3,316 | 1,450 | 622 | 622 | 622 | | | | | | | | |
| 07014 | Rehabilitation of Pressure Regulation Station in 250' Zone | 500 | | 500 | | | | | | | | | | |
| 07015 | Hesperian Water Field Improvements | 300 | 95 | 205 | | | | | | | | | | |
| 07186 | Solar Photovoltaic at Hesperian Pump Station | 500 | | | 500 | | | | | | | | | |
| 07016 | New Pressure Regulating Stations at New 265' Zone | 2,760 | | | 500 | 2,260 | | | | | | | | |
| 07017 | Weather Based Irrigation Controllers at Various Locations | 220 | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

WATER IMPROVEMENT - FUND 604

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | EST. | | | | | | | | | | |
| 07058 | Green Hayward PAYS Program | 1,000 | 141 | 859 | | | | | | | | | | |
| 07187 | New University Pressure Reducing Station | 200 | | 200 | | | | | | | | | | |
| 07188 | Arc Flash Survey - Water Share | 100 | | 100 | | | | | | | | | | |
| TBD | New Emergency Well B2 | 2,000 | | | | | 2,000 | | | | | | | |
| 07189 | Safety Improvements to Utility Center Corporation Yard Storage | 75 | | 75 | | | | | | | | | | |
| 07190 | Disinfection Residual Management | 1,000 | | 500 | 500 | | | | | | | | | |
| NEW | Alternative Feed Pipelines | 750 | | | 300 | 150 | 150 | 150 | | | | | | |
| NEW | Groundwater Sustainability Plan Projects | | | | | | | | 500 | 500 | 500 | 500 | 500 | 500 |
| | TOTAL PROJECT COSTS | | | 15,653 | 6,005 | 4,118 | 2,255 | 1,755 | 9,105 | 605 | 1,505 | 6,605 | 605 | 605 |
| | Transfer to Fund 605 - Retirement of Debt Service - Hesperian Pump Station (to 2025) | 11,331 | 2,666 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 |
| | Transfer to Fund 603 - 50% of Cast Iron Pipe Replacement | | 1,000 | 500 | 500 | | | | | | | | | |
| | Transfer to Fund 612 - 50% of Recycled Water Loan DS (\$13.53 million @ 1% for 30 years to 2049) (Project 07507 in Fund 612) | | 755 | | 117 | 195 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 |
| | Transfer to Fund 612 - Loan to Sewer System Improvement Fund 612 for Solar Project Phase II (Project 07530 in Fund 612) | | | 3,500 | | | | | | | | | | |
| | TOTAL EXPENDITURES | | | 19,918 | 6,887 | 4,578 | 2,790 | 2,290 | 9,640 | 1,140 | 2,040 | 7,140 | 875 | 875 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 144 | 97 | 70 | 79 | 105 | 100 | 59 | 132 | 117 | 119 | 210 |
| | Facilities Fee | | | 3,000 | 3,000 | 3,000 | 3,000 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 | 3,400 |
| | Repayment of Loan to Fund 612 for Solar Project Phase II (\$3.5 million at 3% for ten years to 2028) (Project 07530 in Fund 612) | 4,100 | | | | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 |
| | Developer Reimbursement of 1.2MG Reservoir in 1530' Zone (Project 07184) | | 512 | 380 | 380 | 380 | | | | | | | | |
| | Developer Reimbursement of New .75 Tank and Pumps at Garin Reservoir/Pump Station (Project 07183) | | 300 | 622 | 622 | 622 | | | | | | | | |
| | BART Reimbursement (for New 8" Pipeline - BART Access Road near Maintenance Yard project) | | 220 | 0 | | | | | | | | | | |
| | Green Hayward PAYS Revenue (\$1 million at 6.95% for ten years to 2026) | | 5 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 |
| | REVENUE SUBTOTAL: | | | 4,288 | 4,241 | 4,624 | 3,631 | 4,057 | 4,052 | 4,011 | 4,084 | 4,069 | 3,929 | 4,020 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | REVENUE TOTALS: | | | 4,288 | 4,241 | 4,624 | 3,631 | 4,057 | 4,052 | 4,011 | 4,084 | 4,069 | 3,929 | 4,020 |
| | BEGINNING FUND BALANCE: | | | 21,855 | 6,225 | 3,579 | 3,625 | 4,466 | 6,233 | 645 | 3,516 | 5,560 | 2,489 | 5,543 |
| | ENDING FUND BALANCE: | | | 6,225 | 3,579 | 3,625 | 4,466 | 6,233 | 645 | 3,516 | 5,560 | 2,489 | 5,543 | 8,688 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title New Pressure Regulation Stations at New 265' Zone

Project No.: 07016

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | 2,260 | | | | | | | | | 2,760 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 0 | 500 | 2,260 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,760 |

DESCRIPTION:

Install five new pressure regulating stations to create a new 265' Zone.

JUSTIFICATION:

This project will address the low pressure areas in the south eastern portion of the 250' Zone.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Weather Based Irrigation Controllers at Various Locations

Project No.: 07017

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | n/a | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |

DESCRIPTION:

Install weather-based irrigation controllers at various City-owned locations.

JUSTIFICATION:

Equipment will allow electronic monitoring and management of irrigation areas. Water flow can be automatically adjusted which will aid in conservation efforts.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Project Predesign Services

Project No.: 07029

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | n/a | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |

DESCRIPTION:

Reoccurring project for predesign services.

JUSTIFICATION:

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title SCADA Replacement & Upgrade

Project No.: 07119

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | n/a | 15 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 215 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 15 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 215 |

DESCRIPTION:

Reoccurring project for SCADA and transducer replacements.

JUSTIFICATION:

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increase to \$20K FY19 and onward

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Seismic Retrofit Maitland Reservoir and Appurtenances

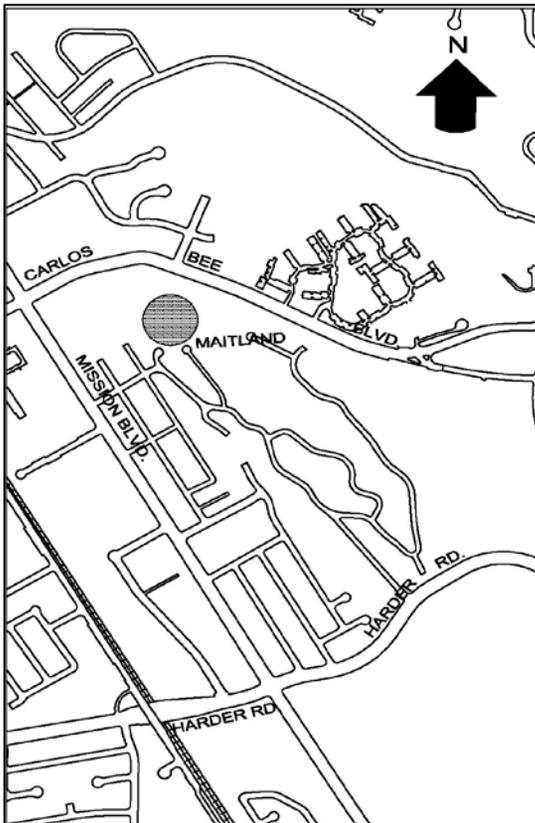
Project No.: 07160

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 27 | | 500 | 1,603 | | | | | | | | | 2,130 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 27 | 0 | 500 | 1,603 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,130 |



DESCRIPTION:

This project will perform the structural analysis and evaluation of the existing 1.0 MG Maitland Reservoir and appurtenances against damage from earthquakes. Also, the project will develop a seismic retrofit plan to strengthen existing reservoir structure.

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved out one year to FY19

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Seismic Retrofit Highland 250 Reservoirs

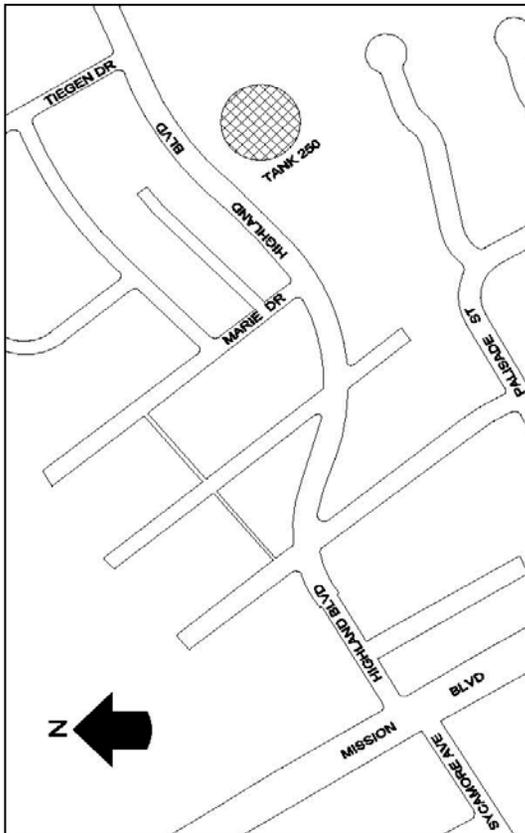
Project No.: 07173

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 29 | 486 | 600 | | | | | | | | | | 1,115 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 29 | 486 | 600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,115 |



DESCRIPTION:

The project will strengthen the two 0.5 MG Highland 250 Reservoirs and appurtenances against damage from earthquakes. This project is recommended in the Dames and Moore 1995 Seismic Retrofit Study.

JUSTIFICATION:

This project will improve the reliability of the facilities and the probability that the reservoirs can be returned to service quickly after a major seismic event.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Safety Improvements to Utility Center Corporation Yard Storage

Project No.: 07189

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 27 | 48 | | | | | | | | | | 75 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 27 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |

DESCRIPTION:

Upgrade warehouse and pipe and material laydown area storage racks to address safety shortcomings that were identified in the DKF/DoAll Gap analysis safety inspection report.

JUSTIFICATION:

This project addresses seismic shortcomings in our material storage area in the Utilities' portion of the City's Corp Yard.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System Project Title Disinfection Residual Management
 Project No.: 07190
 Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 500 | 500 | | | | | | | | | | 1,000 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 500 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |

DESCRIPTION:

The project will research and recommend approaches to managing disinfectant residual in the water to allow the water to remain healthful longer.

JUSTIFICATION:

With substantial reduction in water use due to the recent drought and emergency conservation measures, water remains in storage reservoirs (tanks) much longer than in years past. This contributes to depletion of disinfectant (i.e., chloramine) in the water over time which can be very undesirable.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title Groundwater Sustainability Plan Implementation

Project No.: 07191

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 3,000 | | | | | | | | | | 3,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 0 | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,000 |

DESCRIPTION:

This project is the second phase of compliance with the Sustainable Groundwater Management Act (SGMA), and includes creation and implementation of a Groundwater Sustainability Plan.

JUSTIFICATION:

The Sustainable Groundwater Management Act (SGMA) requires that groundwater be sustainably managed in medium and high priority groundwater basins. This project will allow the City to be in compliance with SGMA.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title: Alternative Feed Pipelines

Project No.: 07192

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 300 | 150 | 150 | 150 | | | | | | | 750 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 300 | 150 | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 750 |

DESCRIPTION:

There are areas in the City that have a single pipe feeding large developments. This project would install alternative feed pipelines in areas identified as high priority, such as the Castlewood Way Skywest condominium development, Spanish Ranch Mobile Home Community, and the development of homes above College Heights Park off of Belfast Lane, Fielding Drive, and Columbia Way.

JUSTIFICATION:

When a single feed is off due to a water main break or for a repair, the customers and fire hydrants downstream would potentially be without water until the repair is completed. To minimize water outages and to ensure that as many hydrants remain in service in developments with single feeds from the larger distribution system.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Water System

Project Title New 2 MG Reservoir & Booster Station at Hesperian Site

Project No.: TBD

Fund 604 - Water Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|-------|-------|------|------|------|------|------|--------|
| Expenditures | | | | | | 1,500 | 8,500 | | | | | | 10,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 0 | 0 | 0 | 0 | 1,500 | 8,500 | 0 | 0 | 0 | 0 | 0 | 10,000 |

DESCRIPTION:

New reservoir and booster station for Hesperian site. 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 storage capacity is located east of Mission Blvd. This project would provide storage west of Mission Blvd, utilizing the five-acre site purchased by the Water Utility in 2010.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved out one year to FY22.

OPERATING BUDGET IMPACTS:

SEWER REPLACEMENT - FUND 611

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|--------------|---|----------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | EST. | | | | | | | | | | |
| 07541 | Install Stormwater Trash Capture Device | 249 | 209 | 40 | | | | | | | | | | |
| | <i>Cal Beverage Container Recycling & Litter Reduction Funds</i> | 113 | 113 | | | | | | | | | | | |
| | <i>SF Estuary Project Grant</i> | 137 | 137 | | | | | | | | | | | |
| 07546 | Valle Vista Sewer Force Main Reliability Implementation | 200 | 27 | 173 | | | | | | | | | | |
| 07551 | Sewer Spot Repairs at Various Easement Areas | 600 | 585 | 15 | | | | | | | | | | |
| 07552 | Valle Vista Sewer Force Main Inspection, Cleaning and Repair | 400 | 295 | 105 | | | | | | | | | | |
| 07553 | Memorial Park Easement Sewer Main Inspection, Cleaning and Repair | 600 | 5 | 595 | | | | | | | | | | |
| 07562 | Annual Line Replacements FY14 | 590 | 540 | 50 | | | | | | | | | | |
| 07604 | WPCF South Vacuator Coating and Rehabilitation | 425 | 20 | 0 | | | 405 | | | | | | | |
| 07643 | WPCF Digester Feed Valve Automation | 75 | 0 | 75 | | | | | | | | | | |
| 07647 | WPCF Exterior Buildings Painting | 200 | 176 | 24 | | | | | | | | | | |
| 07660 | WPCF Headworks Wetwell Concrete Evaluation, Repair & Interior Coating | 2,062 | 1,986 | 76 | | | | | | | | | | |
| 07664 | WPCF UST Cleanup and Closure at Maintenance Building | 256 | 137 | 119 | | | | | | | | | | |
| 07516 | EBDA Outfall Replacement Payment | 1,560 | | 120 | 120 | 120 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 07524 | Project Predesign Services | 165 | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 07529 | WPCF Miscellaneous Replacements | 3,750 | | 300 | 300 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| 07575 | Miscellaneous Lift Station Equipment Replacement | 1,550 | | 100 | 100 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 07594 | Collection Systems SCADA & Transducer Replacement | 220 | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 07596 | WPCF SCADA System Misc. Replacements | 165 | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 07531 | WPCF Asset Management Plan | 100 | 1 | 0 | 99 | | | | | | | | | |
| 07611 | WPCF Equalization Pond Diversion Valve Replacement | 100 | | 100 | | | | | | | | | | |
| 07642 | WPCF Headworks Hydraulic Valve Actuator and Shaft Replacement | 150 | 8 | 142 | | | | | | | | | | |
| 07648 | WPCF Seismic Retrofit of Miscellaneous Buildings | 375 | 5 | 370 | | | | | | | | | | |
| 07656 | WPCF Main 480V MCC Electrical Distribution Rehabilitation | 1,225 | | 225 | 1,000 | | | | | | | | | |
| TBD | Annual Line Replacements FY20 - FY28 | 18,000 | | | | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| 07649 | WPCF Access Roads Rehabilitation | 500 | | 500 | | | | | | | | | | |
| 07626 | Valle Vista Submersible Pump Repl and Wet Well Rehabilitation | 700 | | | 700 | | | | | | | | | |
| 07614 | Collection Systems SCADA System Evaluation and Upgrade | 300 | | 300 | | | | | | | | | | |
| TBD | WPCF Digester #1 Cleaning and Dome Rehabilitation | 500 | | | | 500 | | | | | | | | |
| 7615 | WPCF Digester #2 Cleaning and Dome Rehabilitation | 500 | | 50 | | 450 | | | | | | | | |
| 07632 | WPCF Gravity Belt Thickener Rebuilding | 500 | | | 500 | | | | | | | | | |
| 07616 | Tennyson Lift Station Rehabilitation | 350 | | 350 | | | | | | | | | | |
| TBD | WPCF SCADA System Evaluation and Upgrade | 500 | | | | 500 | | | | | | | | |

SEWER REPLACEMENT - FUND 611

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|-------|-------|--------|-------|------|-------|------|------|------|------|------|
| | | | | EST. | | | | | | | | | | |
| 07668 | WPCF West Trickling Filter and Biofilter Project | 19,500 | | | 2,500 | 17,000 | | | | | | | | |
| 07650 | WPCF Structural Repairs and Canopy Covers | 675 | | 675 | | | | | | | | | | |
| 07653 | WPCF Site Waste Pump Station and Control Building | 1,100 | 21 | 1,079 | | | | | | | | | | |
| 07658 | WPCF Heating and Mixing Building Improvements | 700 | 495 | 205 | | | | | | | | | | |
| 07659 | Annual Line Replacement FY16 | 500 | 115 | 385 | | | | | | | | | | |
| 07685 | Annual Line Replacement FY17 | 500 | | 500 | | | | | | | | | | |
| 07671 | Cypress Avenue Sewer Improvement | 520 | | | | 520 | | | | | | | | |
| 07686 | Tyrell Avenue Sewer Improvement | 520 | | | | 520 | | | | | | | | |
| 07687 | Tennyson Sewer Basin Improvement | 246 | | 246 | | | | | | | | | | |
| 07624 | Harder Road Sewer System Improvement | 2,500 | | | 500 | 2,000 | | | | | | | | |
| 07673 | WPCF Chlorination System Improvement | 215 | | 215 | | | | | | | | | | |
| 07674 | WPCF Cross Connection Prevention Project | 300 | | | 300 | | | | | | | | | |
| 07675 | Trash Capture Device and Litter Reduction Education Project | 800 | 334 | 466 | | | | | | | | | | |
| | <i>US EPA Grant</i> | 803 | 329 | 474 | | | | | | | | | | |
| 07677 | WPCF Biobeds Media Replacement | 390 | 108 | 282 | | | | | | | | | | |
| 07678 | Air Release with Blow Off Access and Rehabilitation | 80 | | 80 | | | | | | | | | | |
| TBD | WPCF Final Clarifiers Mechanisms Replacement | 1,800 | | | | | | | 1,800 | | | | | |
| 07018 | Pump Station Valve Repair and Upgrade at Various Stations | 300 | | 75 | 75 | 75 | 75 | | | | | | | |
| 07689 | WPCF Laboratory Improvements | 70 | | 70 | | | | | | | | | | |
| 07690 | WPCF Diversion Ponds 2, 3, & 7 Gate Restoration | 550 | | 550 | | | | | | | | | | |
| 07691 | WPCF Programmable Logic Controller Cabinet Upgrades | 60 | | 60 | | | | | | | | | | |
| 07692 | WPCF REXA Valve Replacement | 235 | | 235 | | | | | | | | | | |
| 07693 | Sewer Manhole Rehabilitation - Various Locations | 250 | | 250 | | | | | | | | | | |
| 07694 | Sewer Main Replacements - Various Locations | 2,620 | | 2,620 | | | | | | | | | | |
| 07625 | WPCF Underground Conduit Repair (494 Pump & Sludge Beds) | 80 | | 80 | | | | | | | | | | |
| 07695 | WPCF VFD Replacement | 290 | 166 | 124 | | | | | | | | | | |
| 07617 | Annual Line Replacement FY18 | 500 | | 500 | | | | | | | | | | |
| 07618 | WPCF Gas Conditioning System Skid Media Replacement | 1,815 | | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 |
| 07619 | WPCF Motorized Valve Actuators for Influent Gates | 105 | | 105 | | | | | | | | | | |
| TBD | WPCF North Vacuator Restoration/Improvements | 1,760 | | | | 160 | 1,600 | | | | | | | |
| 07620 | WPCF Safety Improvements | 100 | | 100 | | | | | | | | | | |
| 07621 | WPCF Chlorine Contact Channel Rock Slope Protection | 250 | | 250 | | | | | | | | | | |
| 07622 | Ward Creek/Tiegen Drive Sewer Replacement | 500 | | 500 | | | | | | | | | | |
| 07623 | WPCF Effluent Channel Corrugated Pipeline Rehabilitation | 500 | | 500 | | | | | | | | | | |
| 07627 | Annual Line Replacement FY19 | 1,000 | | | 1,000 | | | | | | | | | |
| 07628 | WPCF GBT Sludge Wetwell Structure Repairs and Modifications | 150 | | 150 | | | | | | | | | | |
| 07629 | WPCF EQ Pond Sludge Removal | 75 | | 75 | | | | | | | | | | |
| 07630 | WPCF Effluent Pond Weed Removal | 200 | | 200 | | | | | | | | | | |
| 07631 | WPCF Final Clarifier No. 1 Electrical Conduit Replacement | 35 | | 35 | | | | | | | | | | |

SEWER REPLACEMENT - FUND 611

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | EST. | | | | | | | | | | |
| NEW | Jackson Street Underpass Pump Station Upgrades | 300 | | | | 50 | 250 | | | | | | | |
| | UNSCHEDULED | | | | | | | | | | | | | |
| 07560 | Storage Pond Evaluation and Rehabilitation | 4,500 | | | | | | | | | | | | |
| | TOTAL PROJECT COSTS | | | 14,196 | 7,869 | 24,610 | 5,195 | 2,865 | 4,665 | 2,865 | 2,865 | 2,865 | 2,865 | 2,865 |
| | Transfer to Fund 612 for New WPCF Operations Building (Project 07568) and WPCF Administration Building Renovation (Project 07506) (\$4M @ 3% for 20 years through 2035) | | | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 |
| | TOTAL EXPENDITURES | | | 14,466 | 8,139 | 24,880 | 5,465 | 3,135 | 4,935 | 3,135 | 3,135 | 3,135 | 3,135 | 3,135 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 317 | 515 | 275 | 57 | 52 | 79 | 80 | 108 | 138 | 168 | 199 |
| | Proceeds from SRF Loan for WPCF Phase II Improvements (Various Projects) | | | 14,000 | | | | | | | | | | |
| | EPA Grant | | | 474 | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 14,791 | 515 | 275 | 57 | 52 | 79 | 80 | 108 | 138 | 168 | 199 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fund 610 | | | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| | Fund 612 | | | | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| | REVENUE TOTALS: | | | 18,791 | 4,515 | 4,275 | 4,057 | 4,052 | 4,079 | 4,080 | 4,108 | 4,138 | 4,168 | 4,199 |
| | BEGINNING FUND BALANCE: | | | 23,484 | 27,809 | 24,185 | 3,580 | 2,172 | 3,089 | 2,233 | 3,178 | 4,151 | 5,154 | 6,187 |
| | ENDING FUND BALANCE: | | | 27,809 | 24,185 | 3,580 | 2,172 | 3,089 | 2,233 | 3,178 | 4,151 | 5,154 | 6,187 | 7,251 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title Pump Station Valve Repair and Upgrade at Various Stations
 Project No.: 07018
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 75 | 75 | 75 | 75 | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 75 | 75 | 75 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |

DESCRIPTION:

JUSTIFICATION:

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title EBDA Outfall Replacement Payment

Project No.: 07516

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 120 | 120 | 120 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,560 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 120 | 120 | 120 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,560 |

DESCRIPTION:

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

JUSTIFICATION:

Provides for ongoing reliability of effluent discharge facilities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title Project Predesign Services
 Project No.: 07524
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Funding of \$15,000 was added in FY27 to continue the project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Miscellaneous Replacements

Project No.: 07529

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 300 | 300 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 3,750 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 300 | 300 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 3,750 |

DESCRIPTION:

To replace existing plant equipment as the useful operation life is reached for pumps, motor grinders, weirs, and other equipment. Major equipment is only replaced when replacement is more cost effective than rehabilitation or repair.

JUSTIFICATION:

This ongoing replacement project ensures that equipment is functional and in good working condition.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title: WPCF Asset Management Plan
 Project No.: 07531
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1 | | 99 | | | | | | | | | | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |

DESCRIPTION:

The plan will evaluate all major utilities facilities and pipelines, and provide a schedule and cost estimates for replacement/rehabilitation. This information will be used to maintain a proactive replacement program and to identify future funding requirements.

JUSTIFICATION:

The last asset management plan for utilities was prepared in 1993. Since then, many facilities have been constructed, replaced and overhauled. The purpose of updating the asset management plan is to provide a basis for identifying assets that must be replaced or rehabilitated, the timing for such work, and the revenue required over the next 15 to 20 years.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Miscellaneous Lift Station Equipment Replacement

Project No.: 07575

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 100 | 100 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,550 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 100 | 100 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,550 |

DESCRIPTION:

This is an annual project to replace mechanical hardware and electrical components at nine 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:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Collection Systems SCADA & Transducer Replacement

Project No.: 07594

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |

DESCRIPTION:

Annual project to upgrade the radio telemetry system of the Wastewater Collection System SCADA with transducer replacements.

JUSTIFICATION:

The existing SCADA system requires annual improvements and updates to maintain reliability.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF SCADA System Miscellaneous Replacements

Project No.: 07596

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |

DESCRIPTION:

The SCADA system software will receive annual upgrades from the vendor.

JUSTIFICATION:

The plant SCADA system is the primary operations staff tool for monitoring and controlling the treatment plant processes. The software must be upgraded annually in order to be in good working order.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title WPCF South Vacuator Coating and Rehabilitation

Project No.: 07604

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | 405 | | | | | | | | 405 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 405 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 405 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Digester #2 Cleaning and Dome Rehabilitation

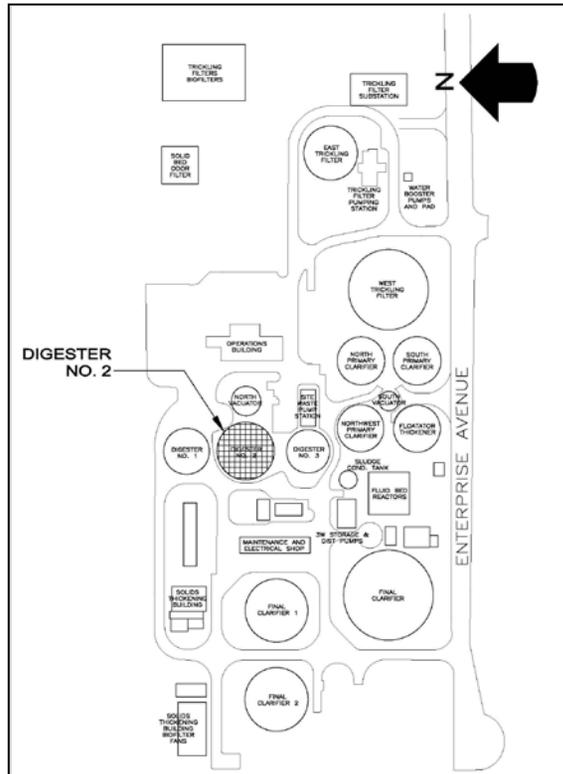
Project No.: 07615

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 50 | | 450 | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 50 | 0 | 450 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |



DESCRIPTION:

The digester will need to be removed from service, cleaned and inspected in preparation for 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:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Gas Conditioning System Skid Media Replacement

Project No.: 07618

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 1,815 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 1,815 |

DESCRIPTION:

The digester gas conditioning system skid contains two iron sponge vessels and two siloxane removal vessels. Media replacement is required periodically in these vessels to maintain the ability to remove contaminants from the gas stream prior to use in the cogen engine.

JUSTIFICATION:

Digester gas must be treated to remove siloxanes and hydrogen sulfide prior to use by the cogen engine and boiler. Media replacement is anticipated to be required annually and is estimated to include two siloxane vessel replacements, and two iron sponge media replacements per year.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Motorized Valve Actuators for Influent Gates

Project No.: 07619

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 105 | | | | | | | | | | 105 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |

DESCRIPTION:

New motorized gate operators are needed for the Headworks influent gates.

JUSTIFICATION:

Currently there are three gates that must be manually opened and closed to select the number of channels in service. During wet weather events, Operations staff must closely monitor water level in the influent box to the Headworks and manually open the gates to the channels. Providing motorized operators will allow them to open the gates more quickly, or open them from remote locations if they are busy attending to more pressing matters which frequently

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title Ward Creek/Tiegen Drive Sewer Replacement
 Project No.: 07622
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

Sewer pipeline replacement at Ward Creek/Tiegen Drive.

JUSTIFICATION:

This project is needed to provide adequate sewer capacity to the immediate area.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Effluent Channel Corrugated Pipeline Rehabilitation

Project No.: 07623

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

The existing corrugated metal piping at the effluent channel is in need of rehabilitation. This project includes slip lining pipe segments to remain in service, and abandoning other pipe segments with pipe plugs to prevent continued deterioration of the pipeline segments that are no longer needed yet hydraulically intertied with the system.

JUSTIFICATION:

The existing corrugated metal pipe was installed in the effluent channel between 1965 and 1972 and has reached the end of its useful life. Pipe liner segments consisting of bitumiunous asphalt are washing into the channels and being collected as screenings. This material may also be degrading the effluent water quality by contributing to higher total suspended solids. The pipeline is also asbestos bonded material which will require encapsulating rather than replacing via open cut. The project assumes some kind of slip lining process will be necessary to extend the life of the existing piping system and keep the effluent channel in service.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Harder Road Sewer System Improvement

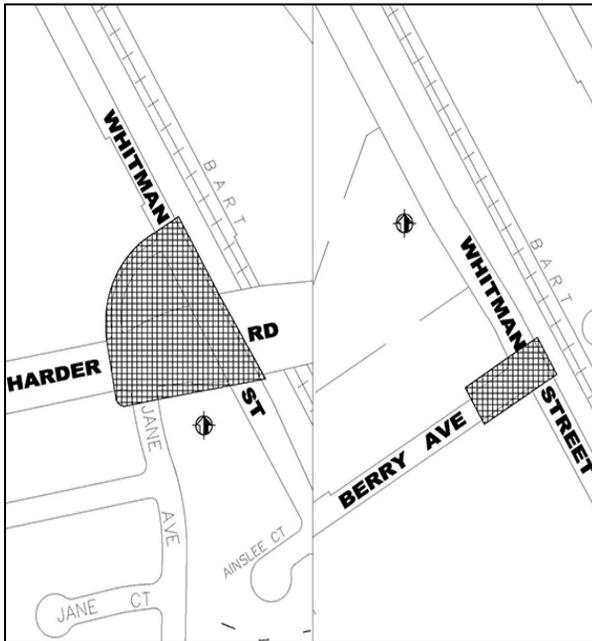
Project No.: 07624

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | 2,000 | | | | | | | | | 2,500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 500 | 2,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,500 |



DESCRIPTION:

The project is to upsize existing Harder Road Sewer Collection System at Berry Street, Whitman Street, and Harder Road to accommodate existing flows. This project will also include the connection to the existing interceptor line for balancing the existing flows.

JUSTIFICATION:

The improvement will improve the hydraulic capacity and reliability of Harder Road Sewer Collection System as recommended by the Sewer Collection Master Plan Updates 2015.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved out one year to FY19

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Underground Conduit Repair (494 Pump & Sludge Beds)

Project No.: 07625

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 80 | | | | | | | | | | 80 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 |

DESCRIPTION:

Sometime during the Phase 1 construction project a conduit that runs between the 494 pump and the sludge drying beds was damaged. This project is to replace the damaged electrical trench and damaged conduit and repair the road that will need to be saw cut.

JUSTIFICATION:

The conduit is damaged and in need of repair. New electrical service is needed to restore lighting to the area for safety reasons and for monitoring sludge filtrate return pumps and the sludge drying beds at night.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Valle Vista Submersible Pump Replacement and Wet Well Rehabilitation

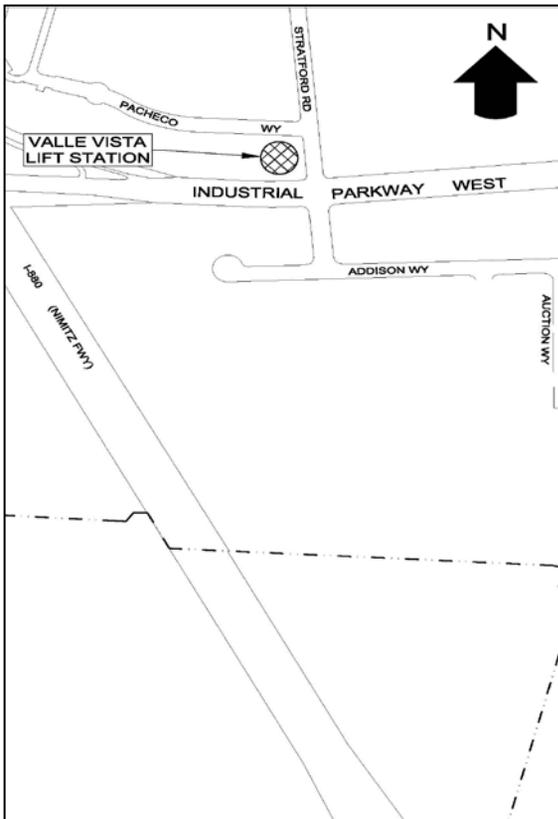
Project No.: 07626

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 700 | | | | | | | | | | 700 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 700 |



DESCRIPTION:

This project will replace a total of 4 submersible pups (two are 35 horsepower and two are 135 horsepower). In addition, the project will evaluate the condition of the wet well T-lock and repair and replace as needed.

JUSTIFICATION:

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

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Annual Line Replacements FY19

Project No.: 07627

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 1,000 | | | | | | | | | | 1,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from annual CCTV inspections.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title: WPCF Gravity Belt Thickener Sludge Wetwell Structure Repairs and Modification

Project No.: 07628

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 150 | | | | | | | | | | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |

DESCRIPTION:

The project will repair the concrete walls at the bottom of the sludge wetwell. In addition, a side entry manway will be installed on the side of the sludge wetwell.

JUSTIFICATION:

GBT has a structure failure at the bottom of the sludge wetwell, resulting in water leaks through the joints. The structure repair is necessary for the continuous operations of the sludge wetwell. The side entry manway will greatly improve the access of the deep confined structure, which is currently from the hatch on the roof. There are no ladders inside and outside the structure. It is difficult to get personnel to the roof and perform confined space entry from the top. The project will improve the safety, simplify the access and shorten the shutdown duration.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title: WPCF EQ Pond Sludge Removal

Project No.: 07629

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 75 | | | | | | | | | | 75 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |

DESCRIPTION:

Remove the settled sludge at the bottom of the EQ pond. The last cleanout of the EQ was more than 5 years ago. The depth of the settled sludge at the bottom of the EQ pond is approximately 12".

JUSTIFICATION:

The resuspended of the settled solids and organic matters (BOD) increases the treatment loading to TFs which may have been compromising the performance of the TFs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title: WPCF Effluent Pond Weed Removal
 Project No.: 07630
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 300 | | | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |

DESCRIPTION:

Remove the weeds in the Pond No. 3 and No. 7. The total area covered by the weeds is approximately 2 acres or 80,000 square feet. Project work will include weed removal, liner repair, and weed disposal.

JUSTIFICATION:

The current mosquito abatement is not effective due to the obstruction of the weeds in the ponds. If County performs helicopter spraying, City may need to pay for the cost.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title: WPCF Final Clarifier No. 1 Electrical Conduit Replacement
 Project No.: 07631
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 35 | | | | | | | | | | 35 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |

DESCRIPTION:

Replace the existing conduits at Final Clarifier No. 1, consisting of 100' underground and 60' exposed conduits.

JUSTIFICATION:

The existing conduits are corroded. Replacing conduits will improve reliability of the Final Clarifier system which is essential to the secondary treatment processes.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Gravity Belt Thickener Rebuilding

Project No.: 07632

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

Each Gravity Belt Thickener will be rebuilt to factory tolerances.

JUSTIFICATION:

The two Gravity Belt Thickeners have operated for 10 years and need to be completely rebuilt. The units consist of electric and hydraulically operating mechanical equipment.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Seismic Retrofit Miscellaneous Plant Buildings

Project No.: 07648

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 5 | | 370 | | | | | | | | | | 375 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 5 | 0 | 370 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Structural Repairs and Canopy Covers

Project No.: 07650

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 675 | | | | | | | | | | 675 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 675 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 675 |

DESCRIPTION:

Miscellaneous plant upgrades including epoxy injection repair of structural cracking, coatings, and canopy covers over polymer storage tanks and grit handling areas.

JUSTIFICATION:

Upgrades to the existing plant including miscellaneous structural repairs and sunshades are needed to prolong the life of existing structures and equipment.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Main 480V MCC Electrical Distribution Repairs

Project No.: 07656

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 225 | 1,000 | | | | | | | | | | 1,225 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 225 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title WPCF West Tricking Filter and Biofilter Project
 Project No.: 07668
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|--------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 2,500 | 17,000 | | | | | | | | | 19,500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 2,500 | 17,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19,500 |

DESCRIPTION:

Replace the existing West Tricking Filter (WTF) with a new 150 foot diameter tricking filter, and construct new odor control biofilter consisting of impregnated wood chips for treating the WTF off-gas.

JUSTIFICATION:

The existing WTF has reached the end of its useful life and is in need of replacement. The new WTF will be covered for odor control. As a result, a new biofilter is needed to provide treatment for odors contained in the ventilation off-gas from the WTF.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Cross Connection Prevention Project

Project No.: 07674

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 300 | | | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |

DESCRIPTION:

The WPCF currently uses potable water downstream of an air gap tank (No. 2W) for uses that include seal water for trickling filter pumps, headworks influent pumps, and digester 3 recirculation pumps. The 2W system is unreliable, and is in need of improvements. In addition, cross connection with No. 3W (tertiary filtered effluent) is needed to provide reliability to the pump seal water sources.

JUSTIFICATION:

MAP NOT APPROPRIATE

The 2W system has had failures caused by a pressure switch malfunctioning. In addition, the tank water storage volume is too small to reliably serve as a primary water supply source for pump seal water. If the system should be out of service for an extended period of time, the plant could potentially lose seal water to the trickling filter and plant influent pumps. System improvements are needed to improve reliability. In addition, cross connection with plant No. 3W will provide additional reliability. Finally, emergency shower and eyewash facilities have been connected to No. 2W. These should be replumbed to be connected to No. 1W to remove any potential source of contamination from the water supply to the equipment.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title WPCF Diversion Ponds 2, 3, & 7 Gate Restoration
 Project No.: 07690
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 550 | | | | | | | | | | 550 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 550 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 550 |

DESCRIPTION:

Restore pond #2, 3, & 7 designated isolation gates. Restore corrugated pipe to effluent channel from pond #2 and to oxy channel in pond #7. Rebuild dock to pond #6-7 system isolation gate.

JUSTIFICATION:

Enhance emergency wet weather flows by designating pond #2 for blended effluent and restoring return flows in pond 6-7 to drop elevation of pond to prepare for continual storms. Reduces the risk in high storm events and frees up capacity in storage pond for EBDA.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Jackson Street Underpass Pump Station Upgrades

Project No.: NEW

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 50 | 250 | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 50 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |

DESCRIPTION:

Upgrade two storm water pump stations on Jackson Street. Pump stations were received from Caltrans during the ownership change of Jackson Street.

JUSTIFICATION:

These pump stations are old and in need of upgrade. Pumps in East station are original, undersized, and maintenance intensive. West station is slightly newer, but still maintenance intensive and in need of upgrade. Electrical and controls are old, maintenance intensive, and in need of upgrade.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Annual Line Replacements - FY20-FY28

Project No.: TBD

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Expenditures | | | | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 18,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 18,000 |

DESCRIPTION:

Annual program to replace or make spot repairs at locations identified from annual CCTV inspections.

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Budget and title updated to reflect FY28.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Collection Systems SCADA System Evaluation and Upgrade

Project No.: 07614

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 300 | | | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |

DESCRIPTION:

An evaluation of the system will occur and recommendations will be implemented to update and upgrade the software and operating system.

JUSTIFICATION:

The SCADA system is operated on a software and hardware platform installed and operated since 2008. Evaluation and upgrade of system equipment is required to maintain peak performance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Digester #1 Cleaning and Dome Rehabilitation

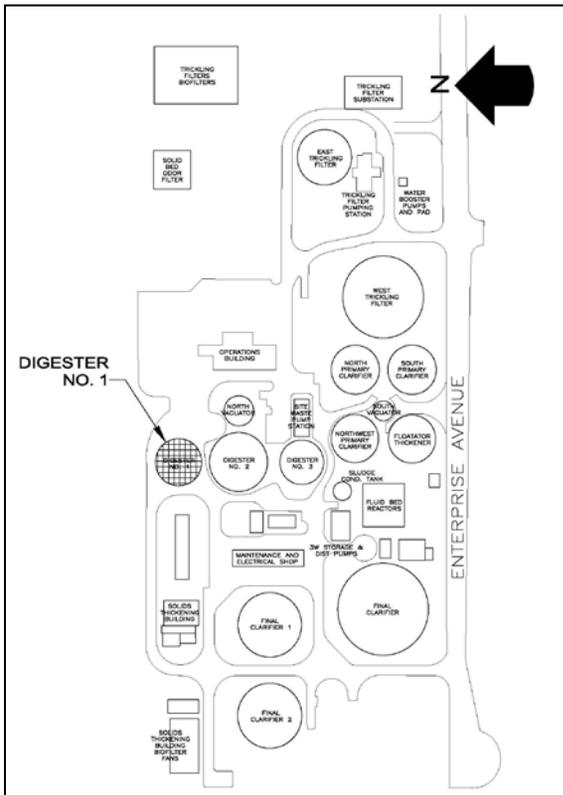
Project No.: TBD

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 500 | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |



DESCRIPTION:

The digester will need to be removed from service, cleaned and inspected in preparation for 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:

Moved out one year to FY20

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF North Vacuator Restoration/Improvements

Project No.: TBD

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 160 | 1,600 | | | | | | | | 1,760 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 160 | 1,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,760 |

DESCRIPTION:

Repair North Vacuator concrete and provide coating. Trough metal fabrication and coating. Grade side hill for access to service diaphragm valve.

JUSTIFICATION:

Condition Assessment of North Vacuator dated August 27, 2015 specifies engineer's estimated repair costs. North Vacuator is a key component to control grit and grease from our processes.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title WPCF SCADA System Evaluation and Upgrade

Project No.: TBD

Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 500 | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

An evaluation of the system will occur and recommendations will be implemented to update and upgrade the software and operating system.

JUSTIFICATION:

The SCADA system is operated on a software and hardware platform installed and operated since 2008. Evaluation and upgrade of system equipment is required to maintain peak performance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

SEWER IMPROVEMENT - FUND 612

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|--------|-------|------|-------|------|------|-------|------|------|------|------|
| | | | | EST. | | | | | | | | | | |
| 07505 | Solar Power Design and Construction | 6,071 | 6,071 | | | | | | | | | | | |
| | <i>PG&E Grant</i> | 2,665 | 2,665 | | | | | | | | | | | |
| | <i>CalRecycle Grant</i> | 225 | 225 | | | | | | | | | | | |
| 07508 | Co-Generation System | 12,240 | 12,240 | | | | | | | | | | | |
| | <i>PG&E Rebate</i> | 2,736 | 1,926 | 270 | 270 | 270 | | | | | | | | |
| | <i>Fund 610</i> | 3,000 | 3,000 | | | | | | | | | | | |
| | <i>Fund 611</i> | 4,650 | 4,650 | | | | | | | | | | | |
| 07514 | GIS Conversion/Migration (Sewer System Share) | 150 | 66 | 84 | | | | | | | | | | |
| 07519 | Utilities Laboratory Information Management & Data Entry | 40 | | 40 | | | | | | | | | | |
| 07542 | WPCF Energy Management | 100 | 50 | 50 | | | | | | | | | | |
| 07561 | Operational Evaluation of WPCF Blowers | 50 | | 50 | | | | | | | | | | |
| 07507 | Recycled Water Storage and Distribution System | 27,811 | 2,077 | 17,253 | 8,481 | | | | | | | | | |
| | <i>SRF Loan</i> | 21,269 | | 21,269 | | | | | | | | | | |
| | <i>USBR Grant</i> | 5,831 | | 5,831 | | | | | | | | | | |
| 07523 | Project Predesign Services | 165 | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 07530 | WPCF Solar Power Design and Construction Phase II - Two MW | 6,300 | 95 | 5,205 | 1,000 | | | | | | | | | |
| | <i>Loan from Fund 604</i> | 3,500 | 3,500 | | | | | | | | | | | |
| 07506 | WPCF Administration Building Renovation and Addition | 4,654 | 154 | 4,500 | | | | | | | | | | |
| 07534 | WPCF Headworks Hydraulic Forcemain Improvement | 665 | | 665 | | | | | | | | | | |
| 07564 | WPCF Digester Gas Flare Project | 555 | 555 | | | | | | | | | | | |
| 07565 | WPCF Digester Piping and Gas Metering Optimization | 820 | 820 | | | | | | | | | | | |
| 07566 | WPCF Digester Sludge Mixing Tank | 2,165 | 2,106 | 59 | | | | | | | | | | |
| 07567 | WPCF Sludge Screening | 2,370 | | 2,370 | | | | | | | | | | |
| 07568 | WPCF New Operations Building | 5,600 | | 5,600 | | | | | | | | | | |
| 07555 | Upgrade Valle Vista Station Discharge | 200 | | 200 | | | | | | | | | | |
| 07556 | WPCF Chlorine Disinfection System Improvements | 7,200 | | | | | 7,200 | | | | | | | |
| 07701 | WPCF Mechanical Sludge Dewatering Facility | 2,600 | | | | | 2,600 | | | | | | | |
| 07718 | WPCF Aeration Blower | 85 | | | 85 | | | | | | | | | |
| TBD | WPCF Primary Effluent Flow Equalization | 2,500 | | | | | | | 300 | 2,200 | | | | |
| 07559 | WPCF Solids Pumping Improvements | 300 | | 300 | | | | | | | | | | |
| 07679 | Cogeneration System Maintenance Contract | 2,200 | | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 07680 | WPCF Sluice Gate Repair/Replacement & Actuation | 460 | 72 | 388 | | | | | | | | | | |
| 07681 | WPCF Fats, Oils, and Grease Receiving Station Improvements | 150 | | 150 | | | | | | | | | | |
| 07682 | WPCF Polymer Relocation and New Solids Line | 60 | | 60 | | | | | | | | | | |
| 07683 | WPCF Snail Bin Relocation | 180 | | 180 | | | | | | | | | | |
| 07684 | WPCF Reclaimed Water System Expansion | 400 | 86 | 314 | | | | | | | | | | |
| 07696 | WPCF Stormwater and Site Grading Improvements | 530 | | 530 | | | | | | | | | | |
| 07697 | WPCF Maintenance Building Improvements | 150 | | 150 | | | | | | | | | | |
| 07702 | WPCF Security Improvements | 15 | | 15 | | | | | | | | | | |
| 07698 | WPCF High Pressure Gas Storage Vessel Inspection and Coating | 100 | | 100 | | | | | | | | | | |

SEWER IMPROVEMENT - FUND 612

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| | | | | EST. | | | | | | | | | | |
| 07699 | Arc Flash Survey - Sewer Share | 100 | | 100 | | | | | | | | | | |
| TBD | WPCF Co-Generation Engine #2 | 2,000 | | | | | | | 2,000 | | | | | |
| TBD | WPCF New Digester Gas Storage | 2,850 | | | | | | | 2,850 | | | | | |
| 07712 | WPCF Grit Removal System | 3,675 | | | 3,675 | | | | | | | | | |
| 07703 | WPCF Final Clarifier No. 1 & 2 Equipment Coatings | 910 | | 910 | | | | | | | | | | |
| 07704 | WPCF Final Clarifier No. 1 Structure Repairs | 620 | | 60 | 560 | | | | | | | | | |
| TBD | WPCF New Biofilter for Gravity Belt Thickener Building | 975 | | | | | | | 100 | 875 | | | | |
| 07705 | WPCF Gravity Belt Thickener Sludge Blending Tank Coatings | 175 | | 175 | | | | | | | | | | |
| 07719 | WPCF Old Cogen Building Repurpose | 400 | | | 400 | | | | | | | | | |
| TBD | WPCF Expansion of Cogen System Gas Conditioning Skid System | 3,800 | | | | 425 | 3,375 | | | | | | | |
| 07706 | WPCF Sludge Pipeline from Equalization Pond to Site Waste PS | 160 | | 20 | 140 | | | | | | | | | |
| 07707 | WPCF MCC 5 & 19 Replacement | 500 | | 50 | 450 | | | | | | | | | |
| 07708 | WPCF Tertiary Treated Near Shore Discharge Feasibility Study and Facilities Plan | 500 | | 500 | | | | | | | | | | |
| 07709 | Recycled Water Facilities Plan Update | 500 | | 500 | | | | | | | | | | |
| 07710 | Recycled Water Facility Treatment and Disinfection - Phase I | 2,300 | | 1,300 | 1,000 | | | | | | | | | |
| 07711 | Feasibility Study of Using WPCF Bio-Gas to Fuel City's CNG Vehicles | 50 | | 50 | | | | | | | | | | |
| 07713 | WPCF Pond No. 7 Outlet Pipe | 120 | | | 20 | 100 | | | | | | | | |
| 07714 | WPCF Headworks Channel Actuators | 150 | | | 150 | | | | | | | | | |
| 07715 | WPCF Equalization Pond Liner | 300 | | | 30 | 270 | | | | | | | | |
| 07716 | 27 Inch Force Main Bypass Pumping - I-880/Industrial | 600 | | | 60 | 540 | | | | | | | | |
| 07717 | Sewer Main Installation - I-880/Willimet | 500 | | | 500 | | | | | | | | | |
| | UNSCHEDULED: | 0 | | | | | | | | | | | | |
| | WPCF New Final Clarifier | 7,900 | | | | | | | | | | | | |
| | <i>Fund 611</i> | (1,975) | | | | | | | | | | | | |
| | TOTAL PROJECT COSTS | | | 42,143 | 16,766 | 1,550 | 13,390 | 215 | 5,465 | 3,290 | 215 | 215 | 215 | 215 |
| | Debt Service State Revolving Fund-WPCF Improvements (Phase I) - 50% of total Debt Service for 20 years to 2028 | 27,000 | 10,800 | 1,350 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| | Debt Service California Energy Commission Loan for Solar Project (\$2.45 million @ 3% for 11 years to 2022) (Project 07505) | 2,860 | 1,300 | 260 | 217 | 260 | 260 | 260 | 260 | | | | | |
| | Debt Service State Revolving Fund for Recycled Water Project (\$21.26 million @ 1% for 30 years to 2050) (Project 07507) | 24,720 | | | | 824 | 824 | 824 | 824 | 824 | 824 | 824 | 824 | 824 |
| | Transfer to Water Improvement Fund 604 for Repayment of Loan for Additional Solar Project (\$3.5 million @ 3% for 10 years to 2027) (Project 07530) | 4,100 | | | | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 |
| | TOTAL EXPENDITURES | | | 43,753 | 18,513 | 4,574 | 16,414 | 3,239 | 8,489 | 6,054 | 2,979 | 2,979 | 2,979 | 2,979 |

SEWER IMPROVEMENT - FUND 612

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | EST. | | | | | | | | | | |
| | REVENUES: | | | | | | | | | | | | | |
| | Connection Fee | | | 3,000 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 |
| | Interest | | | 48 | 48 | 363 | 246 | 138 | 107 | 47 | 41 | 66 | 91 | 117 |
| | LAVWMA Buy-In Fee | | | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| | Proceeds of SRF Loan for Recycled Water Project (Proj. 07507) | | | 21,269 | | | | | | | | | | |
| | Proceeds of USBR Grant for Recycled Water Project (Proj. 07507) | | | 5,831 | | | | | | | | | | |
| | PG&E Grant for Solar Project (assumes 2 million kWh @ \$0.19/kWh for 5 years) (Project 07505) | | 2,195 | 0 | | | | | | | | | | |
| | Loan from Water System Improvement Fund 604 for Solar Project Phase II (Project 07530) | | | 0 | 3,500 | | | | | | | | | |
| | PG&E Rebate for Co-Generation Project (assumes 1134kW for \$2.7M rebate) (Project 07508) | | 1,926 | 270 | 270 | 270 | | | | | | | | |
| | Proceeds of New SRF Loan for Phase II WPCF Improvement Projects (Various Projects) | | | 11,000 | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 41,553 | 7,453 | 4,268 | 3,881 | 3,773 | 3,742 | 3,682 | 3,676 | 3,701 | 3,726 | 3,752 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fund 730 for CAD/RMS Replacement Loan (\$2.25 million) | | 2,046 | | | | | | | | | | | |
| | WPCF Replacement Fund 611 for 50% of City Cost of Co-Generation (\$11.47 million less \$2.7 million PG&E grant (Project 07508) | | 4,650 | | | | | | | | | | | |
| | Water Improvement Fund 604 for 50% of Recycled Water Debt Service (\$13.53 million @ 1% for 30 years to 2049) (Project 07507) | | 755 | | 117 | 195 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 |
| | Fund 611 for New WPCF Operations Building (Project 07568) and WPCF Administration Building Renovation (07506) (\$4M @ 3% for 20 years through 2035) | | | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 |
| | TRANSFERS SUBTOTAL: | | | 270 | 387 | 465 | 540 | 540 | 540 | 540 | 540 | 540 | 540 | 540 |
| | REVENUE TOTALS: | | | 41,823 | 7,840 | 4,733 | 4,421 | 4,313 | 4,282 | 4,222 | 4,216 | 4,241 | 4,266 | 4,292 |
| | BEGINNING FUND BALANCE: | | | 30,862 | 28,932 | 18,259 | 18,418 | 6,425 | 7,499 | 3,292 | 1,460 | 2,697 | 3,959 | 5,246 |
| | ENDING FUND BALANCE: | | | 28,932 | 18,259 | 18,418 | 6,425 | 7,499 | 3,292 | 1,460 | 2,697 | 3,959 | 5,246 | 6,559 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Recycled Water Storage and Distribution System

Project No.: 07507

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|----------|
| Expenditures | 2,077 | 25,734 | | | | | | | | | | | 27,811 |
| Reimbursements | | (21,269) | | | | | | | | | | | (21,269) |
| | | (5,831) | | | | | | | | | | | |
| Net Cost to Fund | 2,077 | (1,366) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,542 |

DESCRIPTION:

This project includes planning, design, and construction of Phase I of the Recycled Water Project, which includes a 1 MG storage tank and pump station at the City's Water Pollution Control Facility (WPCF) and up to 10 miles of distribution pipelines and customer connections to deliver approximately 260,000 GPD of recycled water for irrigation and industrial uses within a three-mile radius of the Water Pollution Control Facility (WPCF).

JUSTIFICATION:

This project will reduce the demand for drinking water and provide a locally sustainable and drought-proof supply of recycled water to customers. State grant and low-interest loans have been secured to help finance the cost of recycled water facilities. Non-grant funded costs would be recovered from customers through appropriate user fees.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

SRF Loan

21.269

PROJECT MODIFICATIONS:

Project title change. Increase budget from \$19,330k to \$27,811k. Increase SRF loan from \$13,533k to \$21,269k.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Co-Generation System
 Project No.: 07508
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|-------|------|------|------|------|------|------|------|------|----------|
| Expenditures | 12,240 | | | | | | | | | | | | 12,240 |
| Reimbursements | (9,270) | (270) | (270) | (270) | | | | | | | | | (10,350) |
| Net Cost to Fund | 2,970 | (270) | (270) | (270) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,890 |

DESCRIPTION:

Existing generators will be replaced with new internal combustion engines. Project to be developed using a design-build entity. New electric switchboard and intertie with WPCF electric distribution and new digester gas conditioning will be required.

JUSTIFICATION:

The WPCF uses digester gas to power aging internal combustion engines to generate electric power, offsetting plant demand.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

| | |
|-----------------|-------|
| PG&E SGIP Grant | 2,700 |
| FUND 610 | 3,000 |
| FUND 611 | 4,650 |

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title Project Predesign Services
 Project No.: 07523
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | N/A | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 165 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Continued project by adding funding of \$15,000 in FY28.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Chlorine Disinfection System Improvements

Project No.: 07556

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | 7,200 | | | | | | | | 7,200 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 7,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,200 |

DESCRIPTION:

Install new sodium hypochlorite storage facilities and chlorine contact tank on WPCF site adjacent to new EBDA pump station.

JUSTIFICATION:

New disinfection facilities are required to allow the City to discontinue discharging to the unlined channel. The existing unlined channel is vulnerable to contamination by wildlife, and can be subject to scouring during high flows that can result in solids suspension and added chlorine demand.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved project out to FY21.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Cogeneration System Maintenance Contract

Project No.: 07679

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 2,200 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 2,200 |

DESCRIPTION:

Maintenance contract with Western Energy Systems to provide parts and labor for engine maintenance for up to 10-years operating life.

JUSTIFICATION:

Maintenance contract is recommended with WES initially in order to meet the 10-year warranty requirements under the Self Generation Incentive Program (SGIP). Although plant staff are highly qualified mechanics, the engine is new technology for the plant, and staff will benefit from observing the service being performed by the engine manufacturer and learning first hand how to maintain the engine from the experts. The need to carry on the maintenance contract will be evaluated in later years. Even if the contract is canceled, there will be on-going costs for lube oil, replacement parts, and other potentially major service needs and/or engine rebuilds.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Stormwater and Site Grading Improvements

Project No.: 07696

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 530 | | | | | | | | | | 530 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 530 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 530 |

DESCRIPTION:

Establish topo of problem areas, and develop regrading alternatives to eliminate on site ponding. Improvements may include combination of storm water collection and conveyance, earthwork, and/or new drop inlets and site storm drain pump station.

JUSTIFICATION:

Parts of the plant area are subject to flooding and need to be regraded or facilities put in place to convey stormwater away from ponded area. The west side of the site ponds very near existing electrical equipment and transformers which is a safety hazard. The same condition exists near the blower building.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Mechanical Sludge Dewatering Facility

Project No.: 07701

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | 2,600 | | | | | | | | 2,600 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 2,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,600 |

DESCRIPTION:

Construct a new mechanical sludge dewatering process in accordance with the 2013 WPCF Master Plan and Facilities Update.

JUSTIFICATION:

The existing sludge drying beds do not have sufficient capacity to process the sludge as plant flows increase. In addition, solids loading and the quality of the filtrate returned to the head of the plant makes plant operations more difficult and may potentially effect the ability of the plant to meet its discharge permit requirements. A mechanical dewatering process will both improve the water quality and reduce the amount of solids sent back to the head of the plant.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved to FY21.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Security Improvements

Project No.: 07702

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 15 | | | | | | | | | | 15 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |

DESCRIPTION:

This project will enhance facility security by lighting an area subject to trespassers. A camera will allow WPCF staff to remotely monitor activity around this area.

☐

JUSTIFICATION:

Hayward assets such as field pumps and disinfection equipment along with EBDA effluent pumping system components are vulnerable when WPCF staff are not in these remote areas.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title WPCF Final Clarifier No. 1 & 2 Equipment Coatings
 Project No.: 07703
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 910 | | | | | | | | | | 910 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 910 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 910 |

DESCRIPTION:

The project work includes repairing cracks and delaminated concrete at the bottom concrete wall and apply corrosion inhibiting sealer on interior concrete surface.

JUSTIFICATION:

The City hired a concrete specialist, Concrete Science Inc. (CSI) to conduct a condition assessment. The report prepared by CSI states that the repairs are essential for improving the performance of the concrete structure.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title WPCF Final Clarifier No. 1 Structural Repairs
 Project No.: 07704
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 60 | 560 | | | | | | | | | | 620 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 60 | 560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 620 |

DESCRIPTION:

The project work includes repairing cracks and delaminated concrete at the bottom concrete wall and apply corrosion inhibiting sealer on interior concrete surface.

JUSTIFICATION:

The City hired a concrete specialist, Concrete Science Inc. (CSI) to conduct a condition assessment. The report prepared by CSI states that the repairs are essential for improving the performance of the concrete structure.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Gravity Belt Thickener Sludge Blending Tank Coatings

Project No.: 07705

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 175 | | | | | | | | | | 175 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175 |

DESCRIPTION:

Coat the interior of the gravity belt thickener tank with epoxy coating.

JUSTIFICATION:

The concrete walls of the tank exhibit cracks which has caused leakage. The project is necessary to continue operations of the sludge blending tank.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Sludge Pipeline for Equalization Pond to Site Waste PS

Project No.: 07706

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 20 | 140 | | | | | | | | | | 160 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 20 | 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 |

DESCRIPTION:

Construct a new 6" pipeline between EQ Pond and SWPS to extend the 6" sludge line from the sludge drying beds to SWPS.

JUSTIFICATION:

The decant in the sludge drying beds is currently pumped to the EQ pond via two 6" pipes. The pipe extension will allow pumping the decant directly from the drying beds to SWPS.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF MCC 5 & 19 Replacement

Project No.: 07707

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 50 | 450 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 50 | 450 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

Demolish MCC-19 and install smaller panel for equipment still in use and powered by this MCC. Replace MCC-5A/5B in the old cogen building and include loads from MCC-19.

JUSTIFICATION:

Motor control center (MCC) 19 was installed over 25 years ago and has reached the end of its useful life. The MCC is installed outdoors and has experienced severe corrosion due to its close proximity to the primary clarifiers. In addition, most of the loads formerly powered by MCC have been removed from service. MCC 5A/5B is also old and in need of replacement. This MCC will be designed with sufficient space to house loads relocated from MCC-19.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Tertiary Treated Near Shore Discharge Feasibility Study and Facilities Plan

Project No.: 07708

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

This project will study the feasibility of tertiary treated, near shore discharge of wastewater effluent and include the preparation of a facilities plan.

JUSTIFICATION:

The East Bay Dischargers Association (EBDA) JPA expired in January 2018, and the City needs to study whether tertiary treated, near shore discharge is a viable alternative to using the EBDA svstem to discharge wastewater effluent to the San Francisco Bay.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Recycled Water Facilities Plan Update

Project No.: 07709

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

This project will develop a master plan for the City's future recycled water program. Key components will be updating a 2007 City-wide customer market survey, evaluating the feasibility of expanding the City's recycled water system, and completing planning for a new City-owned recycled water treatment facility.

JUSTIFICATION:

This project is needed to support City goals of increasing reliance on sustainable water supplies. Recycled water offsets the need for potable water purchased from SFPUC and is drought resistant. This project will provide information needed to adequately plan for a future recycled water treatment plan and pursue grant funding opportunities.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Recycled Water Facility Treatment and Disinfection -Phase I

Project No.: 07710

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 1,300 | 1,000 | | | | | | | | | | 2,300 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 1,300 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,300 |

DESCRIPTION:

This project will include the design and installation of a 0.5 MGD package membrane recycled water treatment system at the Water Pollution Control Facility.

JUSTIFICATION:

This project is needed to provide a supply of disinfected tertiary treated recycled water for Phase I of the Recycled Water Distribution and Storage Project (Recycled Water Project). Phase II, which is currently unscheduled, would include planning, design, and construction of a conventional tertiary treatment plant to meet buildout recycled water demands.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increase budget by \$1,000k. Revised project description.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title Feasibility Study of Using WPCF Bio-Gas to Fuel City's CNG Vehicles

Project No.: 07711

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | | | | | | | | | | 50 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |

DESCRIPTION:

This project will explore the feasibility of using WPCF generated bio gas to fuel the City's natural gas fleet.

JUSTIFICATION:

The project aligns with the City Council's priorities of "Clean" and "Green" by providing fuel for the CNG fleet.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Project Title: WPCF Grit Removal System
 Project No.: 07712
 Fund 611 - Sewer Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 3,675 | | | | | | | | | | 3,675 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 3,675 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,675 |

DESCRIPTION:

With the continued service of the North vacuator being uncertain a new grit removal system should be budgeted.

JUSTIFICATION:

Our existing grit removal system is not as efficient as new purpose built systems and may not have adequate capacity for plant average dry weather flows of 18.5 mgd. The existing diaphragm valve used to entrain air is difficult to access and needs frequent repair. The current grit removal system does not have any redundancy is aged. Replacement of the 50 + year old drive may be difficult. Also new grit removal systems can remove grit more efficiently and are more energy efficient

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Combined total budget and moved to FY19.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title WPCF Pond No. 7 Outlet Pipe
 Project No.: 07713
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 20 | 100 | | | | | | | | | 120 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 20 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 |

DESCRIPTION:

Construct a new pond outlet pipe to transfer water from Pond No. 7 to Pond No. 3. The Transfer pipe will be 200' long, approx 24" in diameter underground PVC pipe in parallel with the existing 48" Corrugated Transfer pipe, located near the Chlorination Facility. The new pipe will tie into the existing Transfer Box at the Pond No. 3. The existing Transfer Pipe will be abandoned in place.

JUSTIFICATION:

The project will enable rapid and complete draining of the Pond no. 7 by transferring water from Pond No. 7 to Pond No. 3. via this new pipe. The existing 48" corrugated pipe is serverly corroded and no longer serviceable.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Headworks Channel Actuators

Project No.: 07714

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 150 | | | | | | | | | | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |

DESCRIPTION:

The project will install three actuators for the three Headworks channel gates.

JUSTIFICATION:

The actuators will motorize/automate the operations of the influent gates. The current operating procedures of closing/opening the gates is to manually turn the wheel operators which is very time consuming. The motorized gates will speed up the closing/opening process to shorten the response time.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title WPCF Equalization Pond Liner
 Project No.: 07715
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 30 | 270 | | | | | | | | | 300 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 30 | 270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |

DESCRIPTION:

Install flexible liner at the bottom of the EQ Pond. The area is 65,000 square feet.

JUSTIFICATION:

Ease of pond cleaning to reduce maintenance effort and minimize the accumulation of solids and organic matters (BOD).

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title 27 Inch Force Main Bypass Pumping - I-880/Industrial

Project No.: 07716

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 60 | 540 | | | | | | | | | 600 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 60 | 540 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 600 |

DESCRIPTION:

The project involves cutting in two wyes on either side of the 27 inch sewer force main that passes under I-880, adding plug valves and jumper connection points that will allow an 800-foot ductile iron pipe to be pulled over the south side of the I-880 overpass.

JUSTIFICATION:

Given that there are no existing manholes to allow access to the line, this force main has no practicle alternative to rerouting the flow in the event that something happens to the line in the area where in crosses under I-880. This project increases the sewer sytem reliability in the subject area.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title Sewer Main Installation - I-880/Willimet
 Project No.: 07717
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 500 | | | | | | | | | | 500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |

DESCRIPTION:

Install a new 170 foot linear sanitary sewer line for the Willimet Tract to I-880.

JUSTIFICATION:

The project is needed to provide adequate sewer capacity and to resolve know flow issues.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Aeration Blower
 Project No.: 07718
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 85 | | | | | | | | | | 85 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |

DESCRIPTION:

Install additional 2800 scfm multi-stage centrifugal blower.

JUSTIFICATION:

Insufficient blower capacity for planning condition (solids contact tanks).

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title: WPCF Old Cogen Building Repurpose

Project No.: 07719

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 400 | | | | | | | | | | 400 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 400 |

DESCRIPTION:

Demolition of equipment including ventilation piping on roof, gas piping and abandoned electrical gears (VFDs, MCCs etc.). In addition, the structure will be upgraded to meet the current bldg code. Steam cleaning oils and grease, installing new windows, doors, louvers, HVAC, and interior wall finishes.

JUSTIFICATION:

The primary function of the old cogen building was to house the cogen system. After the new cogen facility was constructed, the building is only housing abandoned exhaust and heat recovery equipment. The project is needed to repurpose the building for serving other functions such as housing new plant electrical switchgear. Plant electrical upgrades are included in CIP 07656 but do not include building upgrades.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Total budget combined and moved to FY19.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title WPCF Co-Generation Engine #2
 Project No.: TBD
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|-------|------|------|------|------|------|--------|
| Expenditures | | | | | | | 2,000 | | | | | | 2,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 0 | 0 | 0 | 0 | 2,000 |

DESCRIPTION:

Addition of a second co-generation engine at the WPCF. The existing engine was installed in 2014.

JUSTIFICATION:

The WPCF uses digester gas to power internal combustion engines to generate electric power, offsetting WPCF demand. The addition of this engine will further enable the WPCF to offset demand.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved to FY23.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Expansion of Cogen System Gas Conditioning System Skid

Project No.: TBD

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 425 | 3,375 | | | | | | | | 3,800 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 0 | 425 | 3,375 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,800 |

DESCRIPTION:

Expansion of the gas conditioning system skid to serve a second engine. The project also includes demolishing and relocating the existing warehouse located just to the west of the existing skid to make room for the expanded system.

JUSTIFICATION:

The gas conditioning system skid must be expanded when a new cogeneration system engine is installed. The existing gas system is sized to treat the gas flow for one engine only.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF New Biofilter for Gravity Belt Thickener Building

Project No.: TBD

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | | | 100 | 875 | | | | | 975 |
| Reimbursements | | | | | | | | | | | | | 0 |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 875 | 0 | 0 | 0 | 0 | 975 |

DESCRIPTION:

Construct a new biofilter facility consisting of a vertical media vessel, blowers and associated piping and controls.

JUSTIFICATION:

The location of the existing biofilter system will be used for a new water storage tank of the recycled water facilities. A new biofilter system is needed to replace the existing system.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System Project Title WPCF Digester Gas Storage
 Project No.: TBD
 Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|-------|------|------|------|------|------|--------|
| Expenditures | | | | | | | 2,850 | | | | | | 2,850 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 0 | 0 | 2,850 | 0 | 0 | 0 | 0 | 0 | 2,850 |

DESCRIPTION:

A low pressure digester gas holder, either dry or liquid seal type, is required to provide a constant pressure in the digester gas system, and to improve the use of digester gas in the co-gen process.

JUSTIFICATION:

Digester gas has been released at the digester gas pressure relief valves which indicates that the low-pressure gas utilization process downstream of the digesters inhibits flow causing the digesters to relieve pressure. A low-pressure gas storage system will provide better indication of rising and falling gas production valves and better control of the utilization of the gas in the co-gen engines.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved to FY23.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Sewer System

Project Title WPCF Primary Effluent Flow Equalization

Project No.: TBD

Fund 612 - Sewer Improvement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|-------|------|------|------|------|--------|
| Expenditures | | | | | | | 300 | 2,200 | | | | | 2,500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 2,200 | 0 | 0 | 0 | 0 | 2,500 |

DESCRIPTION:

Construct new primary wet weather and effluent equalization basins per the 2013 WPCF Master Plan and Facilities Update.

JUSTIFICATION:

New primary wet weather equalization storage facilities are needed to store peak flows in excess of secondary treatment capacity. The cost of the conveyance components related to final effluent equalization is also included and is necessary to relieve hydraulic pressure on the existing EBDA pipeline.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Project moved to FY23.

OPERATING BUDGET IMPACTS:

AIRPORT CAPITAL - FUND 621

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|---|-------------|-------------|----------|-------|-------|-------|-------|------|-------|------|------|------|------|
| 06827 | LED Lighting Retrofit | 70 | | | 70 | | | | | | | | | |
| 06829 | Infrastructure Improvement Plan | 110 | | 110 | | | | | | | | | | |
| 06828 | Tower Exterior Renovation | 77 | 27 | 7 | 43 | | | | | | | | | |
| | <i>FAA Reimbursement for HVAC</i> | | | 7 | | | | | | | | | | |
| 06819 | Taxiway Alpha and Foxtrot Pavement Rehabilitation | 1,066 | 108 | 479 | 479 | | | | | | | | | |
| 06814 | Sulphur Creek Mitigation - Design + Construction | 3,763 | 63 | 200 | 3,500 | | | | | | | | | |
| | <i>(AIP 20) FAA</i> | 3,330 | | 180 | 3,150 | | | | | | | | | |
| | <i>(State Matching Grant of 5%)</i> | 152 | | | 152 | | | | | | | | | |
| 06816 | Sulphur Creek 10-Year Monitoring | 164 | 118 | 23 | 23 | | | | | | | | | |
| 06826 | T-Hangar Foam Re-roofing | 401 | 1 | 0 | 0 | 400 | | | | | | | | |
| 06823 | Perimeter Fence Replacement | 122 | 72 | 10 | 10 | 10 | 10 | 10 | | | | | | |
| 06805 | Project Predesign Services | 355 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 06806 | Consultant Predesign Services | 113 | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 06891 | Miscellaneous Pavement/Building/Grounds Repairs | 654 | 74 | 50 | 60 | 70 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 06898 | Noise Monitoring | 1,153 | 658 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 06818 | Airport Pavement Management Program Update | 242 | 67 | | 35 | | 35 | | 35 | | 35 | | 35 | |
| 06830 | CCTV Upgrade | 60 | | | 60 | | | | | | | | | |
| 06831 | Realignment of Taxiway Zulu Design/Construction | 2,744 | | | 300 | 2,444 | | | | | | | | |
| | <i>(AIP 21) FAA</i> | 2,470 | | | 270 | 2,200 | | | | | | | | |
| | <i>State Matching Grant of 5%</i> | 122 | | | | 122 | | | | | | | | |
| TBD | View Park | 90 | | | | 90 | | | | | | | | |
| TBD | Golf Course Modifications/Road Relocation Design/Construction | 3,369 | | | | 360 | 3,009 | | | | | | | |
| | <i>(AIP 23) FAA</i> | 3,032 | | | | 324 | 2,708 | | | | | | | |
| | <i>State Matching Grant of 5%</i> | 150 | | | | | 150 | | | | | | | |
| TBD | EMAS Runway Safety Area Improvements Design/Construction | 8,833 | | | | | 500 | 8,333 | | | | | | |
| | <i>(AIP 22) FAA</i> | 7,950 | | | | | 450 | 7,500 | | | | | | |
| | <i>State Matching Grant of 5%</i> | 417 | | | | | | 417 | | | | | | |
| TBD | Pavement Rehab of TWY Alpha & TWY Delta Intersections Design/Construction | 603 | | | | | | | 64 | 539 | | | | |
| | <i>(AIP 24) FAA</i> | 543 | | | | | | | 58 | 485 | | | | |
| | <i>State Matching Grant of 5%</i> | 27 | | | | | | | | 27 | | | | |
| TBD | Airport Pavement Management Program | 5,500 | | | | 75 | 600 | 450 | 725 | 725 | 725 | 750 | 700 | 750 |
| | TOTAL PROJECT COSTS | | | 964 | 4,665 | 3,534 | 4,289 | 8,928 | 959 | 1,399 | 895 | 885 | 870 | 885 |
| | TOTAL EXPENDITURES | | | 964 | 4,665 | 3,534 | 4,289 | 8,928 | 959 | 1,399 | 895 | 885 | 870 | 885 |

AIRPORT CAPITAL - FUND 621

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|----------|-------|-------|-------|-------|------|-------|------|------|------|------|
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | 8 | 2 | 3 | 4 | 6 | 5 | 5 | 5 | 5 | 6 | 7 | 7 |
| | Reimbursements (FAA) | 17,484 | 1,162 | 187 | 3,572 | 2,524 | 3,158 | 7,500 | 58 | 485 | | | | |
| | State Matching Grant of 5% | | | | 152 | 122 | 150 | 417 | | 27 | | | | |
| | State (Pavement Rehab 28L/10R Project) | | 440 | | | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 189 | 3,727 | 2,650 | 3,314 | 7,922 | 63 | 517 | 5 | 6 | 7 | 7 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fund 620 (Airport Operation Fund) | 10,750 | | 950 | 950 | 950 | 950 | 950 | 900 | 900 | 900 | 900 | 900 | 900 |
| | TRANSFERS SUBTOTAL: | | | 950 | 950 | 950 | 950 | 950 | 900 | 900 | 900 | 900 | 900 | 900 |
| | REVENUE TOTALS: | | | 1,139 | 4,677 | 3,600 | 4,264 | 8,872 | 963 | 1,417 | 905 | 906 | 907 | 907 |
| | BEGINNING FUND BALANCE: | | | 0 | 154 | 166 | 232 | 207 | 151 | 155 | 173 | 183 | 204 | 241 |
| | ENDING FUND BALANCE: | | | 154 | 166 | 232 | 207 | 151 | 155 | 173 | 183 | 204 | 241 | 263 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Project Predesign Services

Project No.: 06805

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 25 | 30 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 430 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | N/A | 30 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 430 |

DESCRIPTION:

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

JUSTIFICATION:

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

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

added \$40,000 in FY28 to continue the project; added \$10,000 each year from FY19 through FY28 for Airport Open House.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Consultant Predesign Services

Project No.: 06806

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 9 | 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 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Sulphur Creek Mitigation - Design and Construction

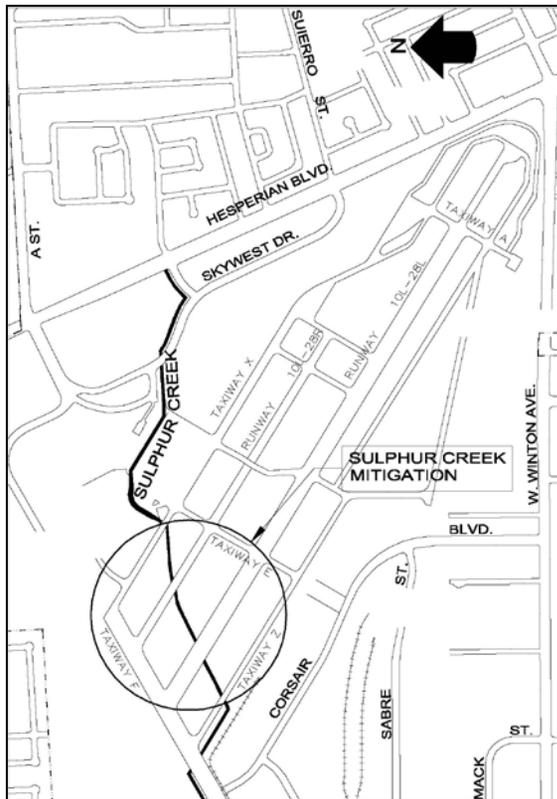
Project No.: 06814

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|---------|------|------|------|------|------|------|------|------|------|---------|
| Expenditures | 63 | 200 | 2,297 | | | | | | | | | | 2,560 |
| Reimbursements | | (180) | (2,067) | | | | | | | | | | (2,247) |
| | | 0 | (107) | | | | | | | | | | (107) |
| Net Cost to Fund | 63 | 20 | 123 | | | | | | | | | | 206 |



DESCRIPTION:

This expenditure will allow for the design, engineering, and construction of the project to enclose portions of Sulphur Creek adjacent to RWY 10L.

JUSTIFICATION:

This project would enclose approximately 900 lineal feet of open creek channel to enhance water quality, increase safety and protect migratory waterfowl from coming into contact with aircraft.

REIMBURSEMENTS:

Federal Aviation Administration
State Matching Grant

2.247
107

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title: Airport Pavement Management Program Update

Project No.: 06818

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 67 | | 35 | | 35 | | 35 | | 35 | | 35 | | 242 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 67 | | 35 | | 35 | | 35 | | 35 | | 35 | | 242 |

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:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Taxiway Alpha and Foxtrot Pavement Rehabilitation

Project No.: 06819

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 108 | 479 | 479 | | | | | | | | | | 1,066 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 108 | 479 | 479 | | | | | | | | | | 1,066 |

DESCRIPTION:

This project is for rehabilitation of Taxiway Foxtrot and Taxiway Alpha. The pavement is at the end of its useful life.

JUSTIFICATION:

This taxiways are at a condition level that is below acceptable per the Pavement Management Program (PMP).

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Perimeter Fence Replacement

Project No.: 06823

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 72 | 10 | 10 | 10 | 10 | 10 | | | | | | | 122 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 72 | 10 | 10 | 10 | 10 | 10 | | | | | | | 122 |

DESCRIPTION:

Project includes upgrading airport perimeter fencing to meet Airport TSA Standards of 7 ft fence with barbed wire.

JUSTIFICATION:

Certain perimeter fence locations on the airport do not meet TSA Standards and create a potential security weakness.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY18 - FY27

CATEGORY: Airport

Project Title T-Hangar Foam Re-Roofing

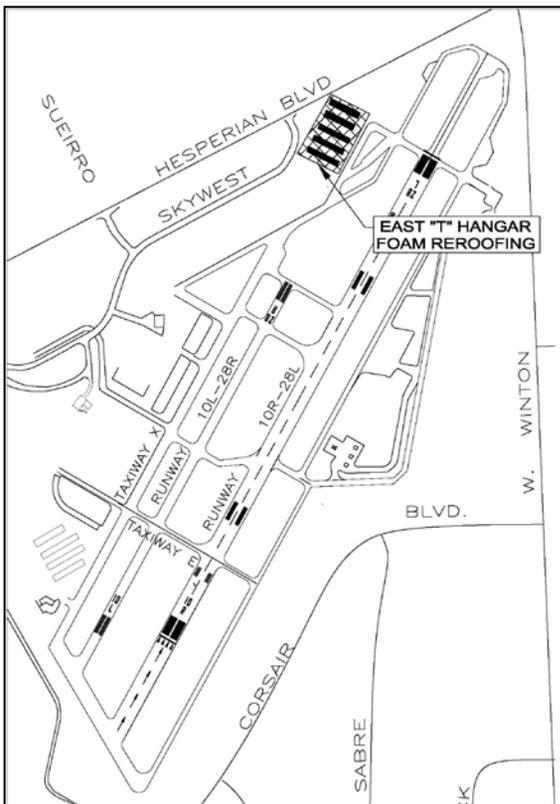
Project No.: 06826

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY17 | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 20 | 50 | 50 | 400 | | | | | | | | 520 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 20 | 50 | 50 | 400 | | | | | | | | 520 |



DESCRIPTION:

Project will replace the existing roofs with a polyurethane foam roof system.

JUSTIFICATION:

The existing roof will commence replacement by FY17 due to deterioration and age.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title LED Lighting Retrofit

Project No.: 06827

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 70 | | | | | | | | | | 70 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 70 | | | | | | | | | | 70 |

DESCRIPTION:

LED light retrofit in City-owned hangars and ramp lighting.

JUSTIFICATION:

New energy efficient fixtures will reduce energy consumption, reduce long term electric costs, and require less maintenance.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved to FY18 due to fund balance.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Infrastructure Improvement Plan

Project No.: 06829

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 110 | | | | | | | | | | 110 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 110 | | | | | | | | | | 110 |

DESCRIPTION:

Evaluation of existing City facilities to determine condition and usefullife. Assessment of highest and best use of airport properties.

JUSTIFICATION:

City -owned hangars are reaching the end of their useful life. In order to effectively repair or develop the properties, this survey will determine the best course of action in the future.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved out one year to FY19.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Closed Circuit Television Upgrade

Project No.: 06830

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 60 | | | | | | | | | | 60 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 60 | | | | | | | | | | 60 |

DESCRIPTION:

Upgrade video surveillance system located around the airport and install new cameras by Hayward Hangars area.

JUSTIFICATION:

The current video surveillance system was installed in 2005 and the equipment is outdated and failing. In addition, several critical areas of the airport are not covered by the existing system.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Realignment of Taxiway Zulu Design and Construction

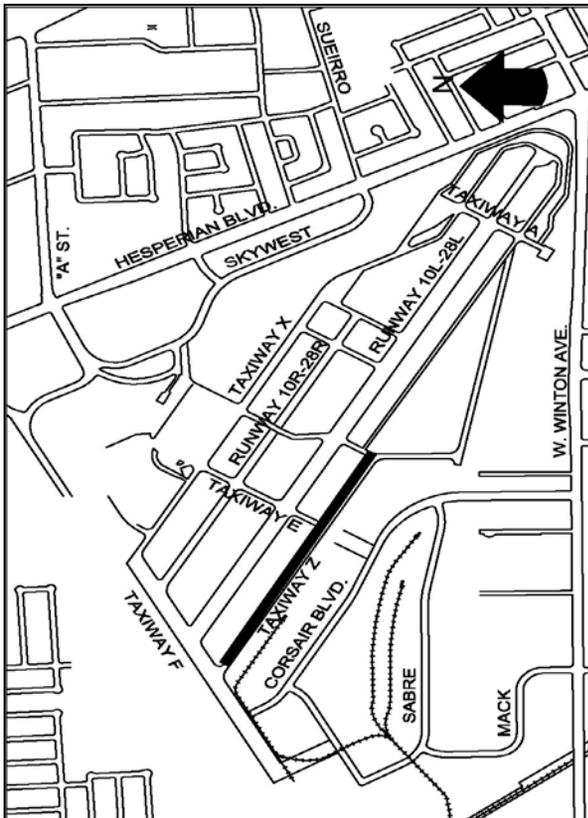
Project No.: 06831

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|---------|------|------|------|------|------|------|------|------|---------|
| Expenditures | | | 300 | 2,444 | | | | | | | | | 2,744 |
| Reimbursements | | | (270) | (2,200) | | | | | | | | | (2,470) |
| | | | | (122) | | | | | | | | | (122) |
| Net Cost to Fund | | | 30 | 122 | | | | | | | | | 152 |



DESCRIPTION:

Project will realign and rehabilitate Taxiway Zulu.

JUSTIFICATION:

Project recommended in the 2002 Airport Master Plan.

REIMBURSEMENTS:

Federal Aviation Administration
State Grant

2.470
122

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Miscellaneous Pavement, Building, and Grounds Repairs

Project No.: 06891

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 74 | 50 | 60 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 560 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 74 | 50 | 60 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 560 |

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 \$10,000 in FY19 to fund irrigation improvements along Tuskegee Airmen Drive.
Added \$50,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Noise Monitoring
 Project No.: 06898
 Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 658 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 1,153 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 658 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 1,153 |

DESCRIPTION:

Lease purchase to continue noise monitoring activities.

JUSTIFICATION:

This equipment and software is for the airport to track aircraft in "real time" and integrate data from existing noise monitors in the field.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$45,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title EMAS Runway Safety Area Improvements

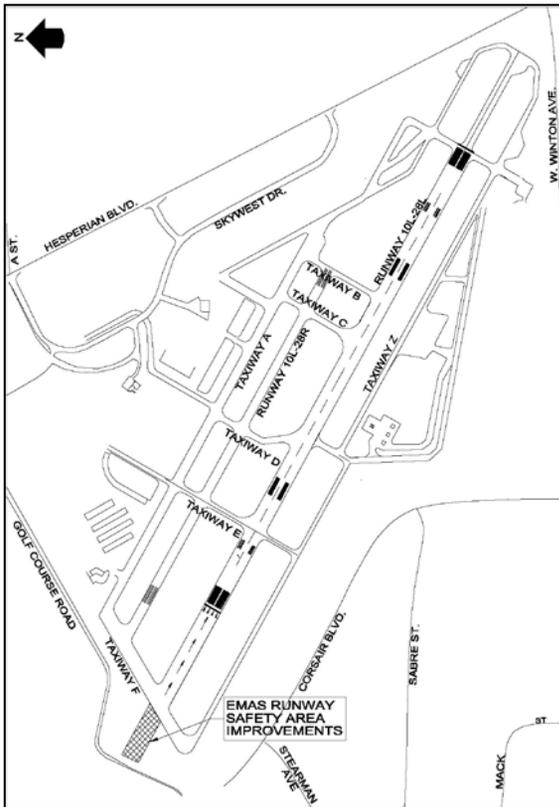
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|---------|------|------|------|------|------|------|---------|
| Expenditures | | | | | 500 | 8,333 | | | | | | | 8,833 |
| Reimbursements | | | | | (450) | (7,500) | | | | | | | (7,950) |
| | | | | | | (417) | | | | | | | (417) |
| Net Cost to Fund | | | | | | 416 | | | | | | | 466 |



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
State Grant

7.950
417

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Golf Course Modifications/Road Relocation

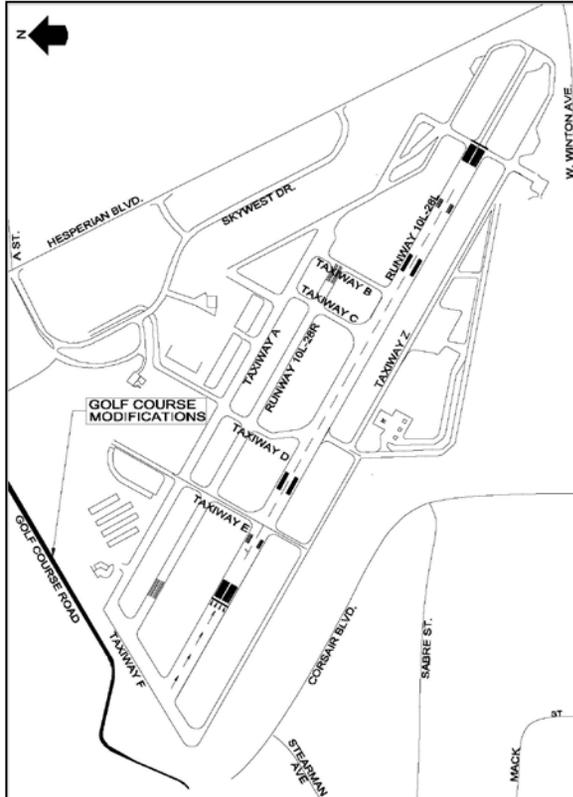
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|-------|---------|------|------|------|------|------|------|------|---------|
| Expenditures | | | | 360 | 3,009 | | | | | | | | 3,369 |
| Reimbursements | | | | (324) | (2,708) | | | | | | | | (3,032) |
| | | | | | (150) | | | | | | | | (150) |
| Net Cost to Fund | | | | 36 | 151 | | | | | | | | 187 |



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. Project has been rescheduled for FY21.

REIMBURSEMENTS:

Federal Aviation Administration
State Grant

3.032
150

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Airport Pavement Management Program

Project No.: To be determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 75 | 600 | 400 | 725 | 725 | 725 | 750 | 750 | 750 | 5,500 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 75 | 600 | 400 | 725 | 725 | 725 | 750 | 750 | 750 | 5,500 |

DESCRIPTION:

Project is for preventive maintenance of all airport pavement areas. The work will be based upon recommendations from the Pavement Management Program (PMP).

JUSTIFICATION:

Certain pavement areas on the airport are in need of preventive maintenance to extend the useful life of the pavement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title Pavement Rehabilitation of TWY Alpha and TWY Delta Intersections

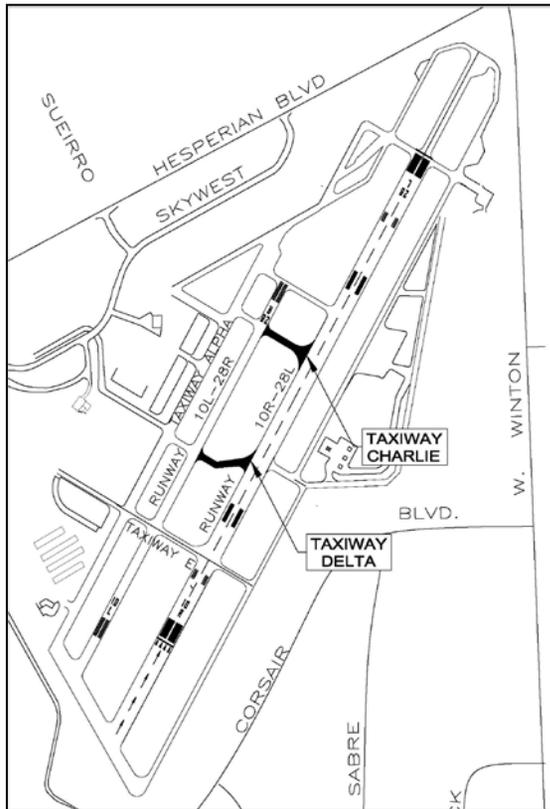
Project No.: To Be Determined

Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|-------|------|------|------|------|--------|
| Expenditures | | | | | | | 64 | 539 | | | | | 603 |
| Reimbursements | | | | | | | (58) | (485) | | | | | (543) |
| | | | | | | | | (27) | | | | | (27) |
| Net Cost to Fund | | | | | | | 6 | 27 | | | | | 33 |



DESCRIPTION:

Project will remove and replace pavement on Taxiways Alpha and Delta.

JUSTIFICATION:

These taxiways 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
State Grant

543
27

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Airport

Project Title View Park
 Project No.: To be determined
 Fund 621 - Airport Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 90 | | | | | | | | | 90 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 90 | | | | | | | | | 90 |

DESCRIPTION:

The project includes installation of view park area at the airport to provide the public an area to enjoy the airport.

JUSTIFICATION:

No public park or dedicated view park currently exists.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

FACILITY MANAGEMENT CAPITAL - FUND 726

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | | | | | | | | | | |
|-----------|--|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
| 07201 | HVAC Replacement | 785 | 241 | 14 | | | | 200 | 200 | 130 | | | | |
| 07202 | Flooring Replacement | 1,043 | 538 | 180 | 225 | 100 | | | | | | | | |
| 07203 | Roof Repair/Replacement | 871 | 281 | | | | 200 | | 115 | | | | 250 | 25 |
| 07209 | Emergency Generator Replacement | 445 | 150 | | | | | | | | 145 | 150 | | |
| 07210 | Window Covering Replacement | 142 | 42 | | | | 50 | 50 | | | | | | |
| 07216 | Fire Alarm/Smoke Detector Replacement | 100 | 55 | 45 | | | | | | | | | | |
| 07217 | Exterior Painting of City Facilities | 498 | 43 | | | 50 | 115 | | | 90 | 100 | | 100 | |
| 07218 | Animal Control Facility Update | 240 | 1 | 39 | | 75 | | | | | | | | 125 |
| 07220 | City Hall Furniture Replacement | 86 | 66 | 20 | | | | | | | | | | |
| 07221 | Interior Painting of City Facilities | 50 | 30 | | | | | | | | | | | 20 |
| 07222 | City Facility Update | 160 | 55 | 30 | | | | | | | | | | 75 |
| 07223 | City Hall Moat | 15 | | | | 15 | | | | | | | | |
| 07224 | HPD Facility Update | 60 | | | 60 | | | | | | | | | |
| 07225 | Enterprise Security Measure | 240 | 102 | 138 | | | | | | | | | | |
| 07226 | Old City Hall Update | 20 | | 20 | | | | | | | | | | |
| 07229 | Facility Condition Assessment and Software | 100 | | 100 | | | | | | | | | | |
| 07230 | Emergency Generator Panel | 50 | | | 50 | | | | | | | | | |
| 07231 | HPD Records Remodel | 120 | | | 120 | | | | | | | | | |
| 07232 | Workplace Reconfiguration /Remodel | 1,000 | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TBD | Elevator Overhaul (City Hall and PD) | 150 | | | | | | | | 50 | 100 | | | |
| | TOTAL PROJECT COSTS | | | 586 | 570 | 325 | 465 | 350 | 415 | 370 | 445 | 250 | 450 | 345 |
| | TOTAL EXPENDITURES | | | 586 | 570 | 325 | 465 | 350 | 415 | 370 | 445 | 250 | 450 | 345 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | REVENUE SUBTOTAL: | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Internal Service Fund Charges | 3,951 | 785 | 166 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| | Transfer from General Fund | | | 125 | 280 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| | TRANSFERS SUBTOTAL: | | | 291 | 580 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 |
| | REVENUE TOTALS: | | | 292 | 581 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 |
| | BEGINNING FUND BALANCE: | | | 307 | 13 | 24 | 110 | 56 | 117 | 113 | 154 | 120 | 281 | 242 |
| | ENDING FUND BALANCE: | | | 13 | 24 | 110 | 56 | 117 | 113 | 154 | 120 | 281 | 242 | 308 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title HVAC Replacement/Various Units
 Project No.: 07201
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 241 | 14 | | | | 200 | 200 | 130 | | | | | 785 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 241 | 14 | | | | 200 | 400 | 130 | | | | | 785 |

DESCRIPTION:

FY 18: Weekes Branch Library HVAC Energy Management System Upgrade; FY 22: City Hall HVAC units to be replaced; FY 23: City Hall Hvac boiler to be replaced.

JUSTIFICATION:

Current controls are no longer compatible to new energy management operating system. Technology advancement needed. Three box car HVAC units have reached the end of its useful life cycle and needs to be replaced.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Miscellaneous Flooring Replacement
 Project No.: 07202
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 538 | 180 | 225 | 100 | | | | | | | | | 1,043 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 538 | 180 | 225 | 100 | | | | | | | | | 1,043 |

DESCRIPTION:

FY 19: Police Department & Utilities Building; FY 20: Police Dept Substation;

JUSTIFICATION:

Flooring has reached the end of its useful life and needs replacement.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Roof Repair/Replacement - City Buildings
 Project No.: 07203
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 281 | | | | 200 | | 115 | | | | 250 | 25 | 871 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 281 | | | | 200 | | 115 | | | | 250 | 25 | 871 |

DESCRIPTION:

FY 21: Police Department; FY 23: Barnes Court Replacement; FY 27: City Hall; FY 28 Old City Hall Replacement

JUSTIFICATION:

Roofing at various locations requires extensive repair or replacement due to old age and/or deterioration.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$25,000 added in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Emergency Generator Replacements
 Project No.: 07209
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 150 | | | | | | | 145 | 150 | | | | 445 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 150 | | | | | | | 145 | 150 | | | | 445 |

DESCRIPTION:

Continuation of project to replace generators at various City buildings, per the following schedule:
 FY 24: replace City Hall generator; FY 25: maintenance and overhaul of all generators.

JUSTIFICATION:

Scheduled generator maintenance and/or overhaul is required for proper operation and safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Window Covering Replacement
 Project No.: 07210
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 42 | | | | 50 | 50 | | | | | | | 142 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 42 | | | | 50 | 50 | | | | | | | 142 |

DESCRIPTION:

FY 21: Replace Two floors of City Hall blinds; FY 22: Replace Two floors of City Hall blinds.

JUSTIFICATION:

This material has reached the end of its useful life cycle and needs to be replaced.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Exterior Painting of City Facilities
 Project No.: 07217
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 43 | | | 50 | 115 | | | 90 | 100 | | 100 | | 498 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 43 | | | 50 | 115 | | | 90 | 100 | | 100 | | 498 |

DESCRIPTION:

Project to re-paint the exterior of various City facilities per the following schedule: FY 20: Weekes Branch Library; FY 21: Main Police Building; FY 24: Old City Hall; FY 25: City Hall; FY 27: Barnes Court.

JUSTIFICATION:

Scheduled repainting of City facilities maintains building integrity by protecting the surface from rain, sunlight, weather, rust, chemical environment, heat, cold, termites etc.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Animal Control Facility Update
 Project No.: 07218
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1 | 39 | | 75 | | | | | | | | 125 | 240 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1 | 39 | | 75 | | | | | | | | 125 | 240 |

DESCRIPTION:

FY20: Animal Control Old Section reflooring of kennels; FY28: Animal Control Phase 2 & 3 areas.

JUSTIFICATION:

Refurbish flooring due to normal wear and tear for the health and safety of the animal and occupants.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Interior Painting of City Facilities
 Project No.: 07221
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 30 | | | | | | | | | | | 20 | 50 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 30 | | | | | | | | | | | 20 | 50 |

DESCRIPTION:

FY 28: Weekes Branch Library

JUSTIFICATION:

This material has reached the end of its useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title City Facility Update
 Project No.: 07222
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 55 | 30 | | | | | | | | | | 75 | 160 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 55 | 30 | | | | | | | | | | 75 | 160 |

DESCRIPTION:

FY28: Weekes Branch Library - kitchen and breakroom remodel

JUSTIFICATION:

Doors are not operating correctly and may become a tripping hazard.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title City Hall Moat
 Project No.: 07223
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 15 | | | | | | | | | | 15 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 15 | | | | | | | | | | 15 |

DESCRIPTION:

City Hall moat maintenance.

JUSTIFICATION:

Scheduled maintenance is required to maintain the integrity and safety of the moat.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved out and FY19

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title HPD Facility Update
 Project No.: 07224
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 60 | | | | | | | | | | 60 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 60 | | | | | | | | | | 60 |

DESCRIPTION:

FY18: Update of men's bathroom facilities.

JUSTIFICATION:

Scheduled maintenance is required to maintain the condition of the facility.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Moved out one year.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Emergency Generator Panels
 Project No.: 07230
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 50 | | | | | | | | | | 50 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 50 | | | | | | | | | | 50 |

DESCRIPTION:

Panel to connect an emergency generator to the HPD building.

JUSTIFICATION:

This will provide the police department with the ability to attach a backup generator to provide continuous power for all UPS equipment in the building in the event of an emergency.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title HPD Records Remodel
 Project No.: 07231
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 120 | | | | | | | | | | 120 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 120 | | | | | | | | | | 120 |

DESCRIPTION:

Replacement of work stations, cubicles, storage and file cabinets, and front counter.

JUSTIFICATION:

Enhanced utilization of the available space to include the incorporation of the DA Liaison workspace. Provide for better ergonomic workflow and replace materials that are at the end of their useful life.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Workspace Reconfiguration/Remodel
 Project No.: 07232
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,000 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,000 |

DESCRIPTION:

This allocation will allow departments and work groups in the City to reconfigure their workspace and replace furniture and equipment to foster collaboration, productivity, and efficiency.

JUSTIFICATION:

The current configuration of many City workspaces lack sufficient meeting/collaborative work space for small groups, and makes poor use of the space that does exist. This allocation will fund small reconfiguraition projects throughout the City to provide modernized, functional workspace for employees.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

None

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Building/Miscellaneous Project Title Elevator Overhaul
 Project No.: TBD
 Fund 726 - Facilities Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | | | | | 50 | 100 | | | | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | | | | | 50 | 100 | | | | 150 |

DESCRIPTION:

FY 24: Police elevator overhaul. FY 25: City Hall elevator overhaul

JUSTIFICATION:

Scheduled elevator maintenance and overhaul is required for proper operation and safety.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

INFORMATION TECHNOLOGY CAPITAL - FUND 73 1

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|-------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 07253 | Desktop Computer Replacement Program | 4,283 | 1,510 | 225 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 07254 | CAD/RMS Replacement | 3,628 | 3,160 | 464 | | | | | | | | | | |
| 07255 | Enterprise Resource Planning (ERP) System | 5,243 | 4,249 | 110 | | | | | | | | | | |
| 07256 | Public Safety Mobile Replacement Project | 3,141 | 1,461 | 409 | 212 | 125 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 07257 | Network Server Replacement Project | 3,378 | 717 | 448 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 07259 | Geographic Information System Improvements | 533 | 68 | 80 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 07260 | Enterprise Content Management | 129 | 40 | 10 | | | | | | | | | | |
| 07262 | Security Camera Pilot Project | 511 | 155 | 45 | | | | | | | | | | |
| 07263 | Network Infrastructure Replacement - Police Dept | 1,120 | 167 | 192 | 58 | | | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| 07264 | Network Infrastructure Replacement | 5,264 | 1,412 | 484 | 398 | 50 | 50 | 410 | 410 | 410 | 410 | 410 | 410 | 410 |
| 07265 | Agenda Management System | 236 | 100 | | 0 | | | | | | | | | |
| 07266 | Council Chambers Technology Upgrade (Interdepartmental Transfer) | 2,708 | 929 | 31 | 0 | | | 750 | | | | | | |
| 07267 | Online Permitting | 190 | | 190 | | | | | | | | | | |
| 07268 | Security Assessment and Improvement | 266 | 7 | 113 | 132 | | | | | | | | | |
| 07269 | Inspection/Wee Abatement Software | 422 | | 75 | 75 | 68 | 68 | 68 | 68 | | | | | |
| 07270 | Fiber Optic Run to Fire Station 7 | 75 | | 75 | | | | | | | | | | |
| 07271 | CAD Enterprise Upgrade | 400 | | 400 | | | | | | | | | | |
| 07272 | Body Worn Camera Equipment for HPD | 220 | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 07273 | City Hall Conference Room Audio Video Upgrade | 100 | | 50 | 50 | | | | | | | | | |
| 07274 | Telestaff Upgrade for HPD | 75 | | 75 | | | | | | | | | | |
| 07275 | Highspeed Hayward | 3,507 | | 2,396 | 1,111 | | | | | | | | | |
| | EDA Grant | 2,745 | | 2,400 | 345 | | | | | | | | | |
| 07276 | Fiber Optic Maintenance and Repair | 275 | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 07277 | EBRCS Subscription | 3,904 | | 357 | 324 | 330 | 337 | 344 | 351 | 358 | 365 | 372 | 380 | 387 |
| NEW | Rotunda AV | 150 | | | | 75 | 75 | | | | | | | |
| NEW | City VMS | 150 | | | | 50 | 50 | 50 | | | | | | |
| | TOTAL PROJECT COSTS | | | 6,274 | 2,780 | 1,118 | 1,050 | 2,152 | 1,359 | 1,298 | 1,305 | 1,312 | 1,320 | 1,327 |
| | TOTAL EXPENDITURES | | | 6,274 | 2,780 | 1,118 | 1,050 | 2,152 | 1,359 | 1,298 | 1,305 | 1,312 | 1,320 | 1,327 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | | | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| | Cell Tower Lease Revenue | | | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | EDA Grant for Highspeed Hayward | | | 2,400 | 345 | | | | | | | | | |
| | REVENUE SUBTOTAL: | | | 2,428 | 363 | 18 | 18 | 18 | 18 | 19 | 19 | 19 | 19 | 19 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | General Fund | 12,353 | 3,602 | 1,966 | 1,500 | 350 | 400 | 1,500 | 725 | 680 | 650 | 675 | 675 | 650 |
| | Fund 220 for Highspeed Hayward | 638 | | 446 | 96 | 96 | | | | | | | | |
| | Information Technology Charges from Fund 730 | 7,033 | 780 | 622 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 |
| | Airport Operating Fund (Fund 620) for ERP | 82 | 52 | 13 | | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | | | 3,047 | 2,226 | 1,076 | 1,030 | 2,130 | 1,355 | 1,310 | 1,280 | 1,305 | 1,305 | 1,280 |
| | REVENUE TOTALS: | | | 5,475 | 2,589 | 1,094 | 1,048 | 2,148 | 1,373 | 1,329 | 1,299 | 1,324 | 1,324 | 1,299 |
| | BEGINNING FUND BALANCE: | | | 1,027 | 227 | 36 | 12 | 10 | 6 | 21 | 52 | 46 | 58 | 63 |
| | ENDING FUND BALANCE: | | | 227 | 36 | 12 | 10 | 6 | 21 | 52 | 46 | 58 | 63 | 35 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Desktop Computer Replacement Program

Project No.: 07253

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1,509 | 225 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 3,734 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1,509 | 225 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 3,734 |

DESCRIPTION:

We are in the process of replacing our desktop computers and monitors with new systems throughout all City facilities that are currently 5 to 6 years old. We are replacing all hard drives with solid state drives to utilize Windows 10 and Office 365 features.

JUSTIFICATION:

To enable city staff to provide better service to residents by enhancing productivity, they need to have equipment that allows them to do so. 20% of the computers are replaced or augmented every year so that we do not fall too behind on current technology.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$75,000 per year in order to maintain a 5 year replacement cycle of 20% of all computers in the City.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Public Safety Mobile Replacement Project

Project No.: 07256

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1,461 | 406 | 212 | 125 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 2,604 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1,461 | 406 | 212 | 125 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 2,604 |

DESCRIPTION:

Upgrades and replaces public safety technology used for Police and Fire.

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$50,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title Network Server Replacement Project

Project No.: 07257

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 717 | 448 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 2,665 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 717 | 448 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 2,665 |

DESCRIPTION:

This project will partially fund the systematic replacement of network servers.

JUSTIFICATION:

This program addresses the need to continually replace aging equipment each year.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Increased \$50,000 a year in order to maintain replacement needs.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Geographic Information System Improvements

Project No.: 07259

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 95 | 80 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 425 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 95 | 80 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 425 |

DESCRIPTION:

To continue funding improvements to the citywide (including public safety) GIS system, provide off-site, disaster recovery location for data repository and drone mapping to augment our existing aerial imagery acquisition program.

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 in FY28 to continue this project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Network Infrastructure Replacement - Police Department

Project No.: 07263

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 167 | 192 | 58 | | | | 60 | 60 | 60 | 60 | 60 | 60 | 777 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 167 | 192 | 58 | | | | 60 | 60 | 60 | 60 | 60 | 60 | 777 |

DESCRIPTION:

Network infrastructure upgrade for PD including a redundant core, increased backbone speeds, server room and technology room upgrades, and increased capacity for new technology. The five year timeframe is for Cisco financing the capital purchase including five years of SmartNet maintenance.

JUSTIFICATION:

Replacement of equipment to meet technological needs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

Added \$60,000 in FY28 to continue project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Network Infrastructure Replacement

Project No.: 07264

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1,412 | 484 | 398 | 50 | 50 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 5,264 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1,412 | 484 | 398 | 50 | 50 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 5,264 |

DESCRIPTION:

Network infrastructure upgrade including 10 GB backbone and increased switch capacity throughout the city allowing for growth in the use of technology. The five year timeframe is for Cisco financing the capital purchase including five years of SmartNet maintenance.

JUSTIFICATION:

This is a continuation of the program started earlier to provide much needed repair to city network infrastructure. This is the backbone of the entire IT infrastructure.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$50,000 per year added to support on-going growth in utilization of network services.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Council Chambers Technology Upgrade

Project No.: 07266

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 929 | 31 | | | | 750 | | | | | | | 1,710 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 929 | 31 | | | | 750 | | | | | | | 1,710 |

DESCRIPTION:

Upgrade Audio/Video technology in City Hall including the Broadcast Room Government Access Channel programming and scheduling system, the audio video systems in eight City Hall Conference Rooms, and the audio video systems in the City Hall Rotunda.

JUSTIFICATION:

The 3rd dais in the Council Chambers only has microphones. This project provides for the installation of monitors and connections for laptops so other agencies can fully participate in the meetings at those dais positions.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Security Assessment and Improvement

Project No.: 07268

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 7 | 113 | 132 | | | | | | | | | | 252 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 7 | 113 | 132 | | | | | | | | | | 252 |

DESCRIPTION:

The City lacks a comprehensive review of the security of our infrastructure and of the data we manage. All work on security has been ad hoc and focused on technical tools not strategic sources. We will be enlisting the service of a vendor to do an assessment of our entire environment and then implementing the suggested solutions.

JUSTIFICATION:

This program addresses the need to continually assess and seek solutions to improve our security posture.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$132,000 added in FY19.

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Inspection/Weed Abatement Software

Project No.: 07269

Fund 405 Capital Projects (Governmental) Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 75 | 75 | 68 | 68 | 68 | 68 | | | | | | 422 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 75 | 75 | 68 | 68 | 68 | 68 | | | | | | 422 |

DESCRIPTION:

MyFD Brush Inspection/Weed Abatement software automates the entire inspection program and allows the Fire Department to effectively inspect the entire City every season. The myFD Brush Inspection/Weed Abatement tools allow staff to plan, schedule, notice, deploy, inspect, enforce, and finish on time with cost recovery.

JUSTIFICATION:

This software will allow City staff to more effectively and efficiently conduct all needed and critical inspections throughout the City in a more timely manner. The need for this software has become more urgent due to the intensity and length of recent fire seasons.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Body Worn Camera Equipment

Project No.: 07272

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |

DESCRIPTION:

To provide and maintain replacement equipment for in-field use body camera use.

JUSTIFICATION:

To provide and maintain replacement equipment for in-field use body camera use.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No estimated measurable impact to the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: City Hall Conference Room Audio Video Upgrade

Project No.: 07273

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 50 | 50 | | | | | | | | | | 100 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 50 | 50 | | | | | | | | | | 100 |

DESCRIPTION:

Upgrade audio video systems in City Hall conference rooms including replacing projectors with flat panel displays and upgrade other audio video equipment and related computers.

JUSTIFICATION:

Although most City Hall Conference Rooms have been upgraded from projectors to flat screen displays, there are still several City-wide conference rooms that have not been upgraded at all, and about 15 conference rooms have not had video conference upgrades.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact to the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Highspeed Hayward

Project No.: 07275

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|------|------|------|------|------|------|------|------|------|---------|
| Expenditures | | 2,396 | 1,111 | | | | | | | | | | 3,507 |
| Reimbursements | | (2,400) | (345) | | | | | | | | | | (2,745) |
| Net Cost to Fund | | (4) | 766 | | | | | | | | | | 762 |

DESCRIPTION:

This is a new installation and will take place throughout the city, primarily through throughout the City's industrial crescent, downtown, and Mission Blvd. corridor. This new infrastructure will serve as the backbone for future high speed internet service provision to many businesses that do not currently have access to this level of internet service. The ability to add this infrastructure to Hayward's Industrial Crescent will serve as a competitive advantage over other communities. Improved broadband connectivity in the City's industrial areas will support business attraction efforts. While the existence of fiber is only one of many site selection factors (such as lease rents, building configuration, traffic patterns, etc.), being able to market Hayward's broadband connectivity to the business community at-large not only helps satisfy a site selection criterion, it will

JUSTIFICATION:

The City's Economic Development Strategic Plan Work Task IS3.C tasks staff to "explore a public/private partnership to secure broadband/fiber optic network in the industrial area". The grant funding and city contribution to this project will help us not only explore a public/private partnership, but actually execute one.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

EDA Grant

2,745,000

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Fiber Optic Maintenance and Repair

Project No.: 07276

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 |

DESCRIPTION:

This is the yearly budget to maintain our existing fiber optic infrastructure against accidental breaks, flooding, rats and other unforeseen repairs.

JUSTIFICATION:

This is the yearly budget to maintain our existing fiber optic infrastructure against accidental breaks, flooding, rats and other unforeseen repairs.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

\$25,000 added in FY28 to continue project.

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: EBRCS Annual Subscription Fee

Project No.: 07277

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | 357 | 324 | 330 | 337 | 344 | 351 | 358 | 365 | 372 | 380 | 387 | 3,905 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | 445 | 324 | 330 | 337 | 344 | 351 | 358 | 365 | 372 | 380 | 387 | 3,905 |

DESCRIPTION:

Annual subscription fee to EBRCSA for Police and Public Works radio costs. The FY 2018 costs are calculated as \$40 per radio per month for a total of 520 radios (440 HPD and 80 Public Works). EBRCSA advised to anticipate a 2% per year increase.

JUSTIFICATION:

In September 2016 the City Council authorized the City Manager to contract with Motorola Solutions for Mobile and Portable Radios to allow the Hayward Police Department to join the East Bay Regional Communications System Authority (EBRCSA) network. The devices on the EBRCSA system require an annual subscription payment which is in addition to the one-time cost of purchasing and activating the radio units which City Council approved.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

The price of the radios increased by \$3.00 each in FY18 and will increase by another \$2.00 per radio in FY19. There are a total of 672 radios.

OPERATING BUDGET IMPACTS:

No measurable additional cost to the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: City Video Management System (VMS)

Project No.: NEW

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 50 | 50 | 50 | | | | | | | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | 50 | 50 | 50 | | | | | | | 150 |

DESCRIPTION:

Consolidate the City's Video Management System (VMS) under one software and hardware platform. This includes the backend data storage servers as well as the front-end video management system (VMS) software.

JUSTIFICATION:

This would unify the City's disparate video camera solutions under one solution which would provide improved access to the camera feeds and backend data as well as reduce the training and expertise needed to support multiple vendors.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Equipment

Project Title: Rotunda AV Technology Upgrade

Project No.: NEW

Fund 731 - Technology Services Capital Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | | | | 75 | 75 | | | | | | | | 150 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | | | | | | | | | | | | | 150 |

DESCRIPTION:

Add large system integrated flat screen displays, connect Comcast cable TV to these displays, perform an acoustic study of the rotunda and add improvements (hanging sound absorbing panels and new speakers), add a wireless microphone system, and also add a public digital signage system.

JUSTIFICATION:

All of the above improvements have been requested in the past by the City Manager's Office, City Clerk's Office and our Facilities division. Adam should confer with the City Manager and ACM to decide which, if any of these improvements should be performed.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

FLEET MANAGEMENT CAPITAL - FUND 736 (VEHICLE AND EQUIPMENT ACQUISITION - GF/ISF)

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|-----------|--|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | FY18 | | | | | | | | | | |
| 07301 | Equipment - Fire Dept | 23,727 | 7,879 | 1,617 | 635 | 917 | 1,549 | 2,114 | 1,047 | 1,542 | 1,510 | 1,205 | 1,659 | 1,116 |
| 07302 | Equipment - Misc GF/ISF Dept | 10,698 | 3,342 | 294 | 866 | 1,092 | 186 | 358 | 836 | 490 | 278 | 649 | 498 | 787 |
| 07303 | Equipment - Police Dept | 16,536 | 4,523 | 571 | 1,038 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| | TOTAL PROJECT COSTS | 50,961 | 15,744 | 2,482 | 2,539 | 3,009 | 2,735 | 3,472 | 2,883 | 3,032 | 2,788 | 2,854 | 3,157 | 2,903 |
| | TOTAL EXPENDITURES | 50,961 | 15,744 | 2,482 | 2,539 | 3,009 | 2,735 | 3,472 | 2,883 | 3,032 | 2,788 | 2,854 | 3,157 | 2,903 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | 96 | 36 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Other Revenues | 63 | 61 | 2 | | | | | | | | | | |
| | Auction | 238 | 127 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Insurance Claim | 471 | 326 | 46 | | | | | | | | | | |
| | Fire Mutual Aid - Fleet Reimb Portion | 266 | 168 | 53 | | | | | | | | | | |
| | REVENUE SUBTOTAL: | 1,134 | 718 | 106 | 8 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | Fire Transfer from General Fund (100) | 791 | 541 | 250 | | | | | | | | | | |
| | Internal Service Fund Charges/GF Trsfr | 35,646 | 6,888 | 645 | 2,113 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| | Transfer from Fund 400 | | | | 400 | | | | | | | | | |
| | TRANSFERS SUBTOTAL: | 46,552 | 16,897 | 895 | 2,513 | 3,000 |
| | REVENUE TOTALS: | 47,686 | 17,615 | 1,001 | 2,521 | 3,008 |
| | BEGINNING FUND BALANCE: | | | 1,706 | 225 | 207 | 206 | 479 | 15 | 140 | 116 | 336 | 490 | 341 |
| | ENDING FUND BALANCE: | | | 225 | 207 | 206 | 479 | 15 | 140 | 116 | 336 | 490 | 341 | 446 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title: Vehicle Replacement Needs - Fire
 Project No.: 07301
 Fund 736 Fleet Management Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Expenditures | 7,879 | 1,617 | 985 | 917 | 1,549 | 2,114 | 1,047 | 1,542 | 1,510 | 1,205 | 1,659 | 1,116 | 23,140 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 7,879 | 1,787 | 985 | 917 | 1,549 | 2,114 | 1,047 | 1,542 | 1,510 | 1,205 | 1,659 | 1,116 | 23,140 |

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. Vehicle replacement is based on age, mileage, maintenance condition. and safety considerations.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title: Vehicle Replacement Needs - Other General Fund
 Project No.: 07302
 Fund 736 Fleet Management Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|-------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 3,342 | 294 | 1,026 | 1,092 | 186 | 358 | 836 | 490 | 278 | 649 | 498 | 787 | 6,494 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 3,342 | 294 | 1,026 | 1,092 | 186 | 358 | 836 | 490 | 278 | 649 | 498 | 787 | 6,494 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title: Vehicle Replacement Needs - Police
 Project No.: 07303
 Fund 736 Fleet Management Capital

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Expenditures | 4,523 | 571 | 1,038 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 10,609 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 4,523 | 571 | 1,038 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 10,609 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

These are identified General Fund capital requirements.

FLEET MANAGEMENT CAPITAL - FUND 737 (VEHICLE AND EQUIPMENT ACQUISITION - EF)

| PROJ. NO. | PROJECT DESCRIPTION | PROJ. TOTAL | PRIOR YEARS | EST FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 |
|--------------|--|----------------|----------------|-------------|-------|-------|------|-------|-------|------|------|-------|-------|-------|
| 07350 | Vehicle Replacement Needs - Airport | 1,245 | 335 | 100 | | 88 | | | 394 | | 60 | 31 | 44 | 46 |
| 07351 | Vehicle Replacement Needs - Stormwater | 4,621 | 1,204 | 400 | 350 | 309 | 318 | | 338 | 348 | 358 | | 177 | 391 |
| 07352 | Vehicle Replacement Needs - Sewer | 4,073 | 2,105 | 56 | 160 | 417 | 37 | 240 | 338 | 70 | | | 127 | |
| 07353 | Vehicle Replacement Needs - Water | 5,007 | 1,672 | 25 | 100 | 606 | 85 | 322 | 163 | 192 | 125 | 184 | 519 | 666 |
| | TOTAL PROJECT COSTS | 14,946 | 5,316 | 581 | 610 | 1,420 | 440 | 562 | 1,233 | 610 | 543 | 215 | 867 | 1,103 |
| | TOTAL EXPENDITURES | 14,946 | 5,316 | 581 | 610 | 1,420 | 440 | 562 | 1,233 | 610 | 543 | 215 | 867 | 1,103 |
| | REVENUES: | | | | | | | | | | | | | |
| | Interest | 138 | 42 | 7 | 8 | 10 | 7 | 7 | 7 | 6 | 7 | 12 | 9 | 9 |
| | Citation Revenue for Sweeper Replacement | 2,568 | 512 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| | REVENUE SUBTOTAL: | | | 182 | 183 | 185 | 182 | 182 | 182 | 181 | 182 | 187 | 184 | 184 |
| | TRANSFERS IN FROM: | | | | | | | | | | | | | |
| | <i>Note: Annual fund contributions began in FY 2011.</i> | | | | | | | | | | | | | |
| | Vehicle Capital Charges from Fund 620 (Airport) | 1,209 | 428 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |
| | Vehicle Capital Charges from Fund 615 (Stormwater) | 1,444 | 509 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| | Vehicle Capital Charges from Fund 610 (Sewer) | 3,780 | 1,415 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 |
| | Vehicle Capital Charges from Fund 605 (Water) | 3,590 | 1,610 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| | TRANSFERS SUBTOTAL: | | | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 |
| | REVENUE TOTALS: | | | 733 | 734 | 736 | 733 | 733 | 733 | 732 | 733 | 738 | 735 | 735 |
| | BEGINNING FUND BALANCE: | | | 1,071 | 1,223 | 1,347 | 663 | 956 | 1,127 | 627 | 749 | 939 | 1,462 | 1,330 |
| | ENDING FUND BALANCE: | | | 1,223 | 1,347 | 663 | 956 | 1,127 | 627 | 749 | 939 | 1,462 | 1,330 | 962 |

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title Vehicle Replacement Needs - Airport
 Project No.: 07350
 Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 335 | 100 | | 88 | | | 394 | | 60 | 31 | 44 | 46 | 1,098 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 335 | 100 | | 88 | | | 394 | | 60 | 31 | 44 | 46 | 1,098 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title Vehicle Replacement Needs - Stormwater
 Project No.: 07351
 Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1,204 | 400 | 350 | 309 | 318 | | 338 | 348 | 358 | | 177 | 391 | 4,193 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1,204 | 400 | 350 | 309 | 318 | | 338 | 348 | 358 | | 177 | 391 | 4,193 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title Vehicle Replacement Needs - Sewer
 Project No.: 07352
 Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 2,105 | 56 | 160 | 417 | 37 | 240 | 338 | 70 | | | 127 | | 3,550 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 2,105 | 56 | 160 | 417 | 37 | 240 | 338 | 70 | | | 127 | | 3,550 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

CAPITAL IMPROVEMENT PROGRAM FY19 - FY28

CATEGORY: Fleet Management Project Title Vehicle Replacement Needs - Water
 Project No.: 07353
 Fund 737 Fleet Management Enterprise

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

| | PRIOR FUNDING | ESTIMATED FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTALS |
|------------------|---------------|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| Expenditures | 1,672 | 25 | 100 | 606 | 85 | 322 | 163 | 192 | 125 | 184 | 519 | 666 | 4,659 |
| Reimbursements | | | | | | | | | | | | | |
| Net Cost to Fund | 1,672 | 25 | 100 | 606 | 85 | 322 | 163 | 192 | 125 | 160 | 519 | 666 | 4,659 |

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.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

OPERATING BUDGET IMPACTS:

No measurable impact on the General Fund.

FY18 LIVABLE NEIGHBORHOODS

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

| PRIOR EXPEND. | FY19 EXPEND. | FY20 EXPEND. | FY21 EXPEND. | FY22 EXPEND. | FY23 EXPEND. | FY24 EXPEND. | FY25 EXPEND. | FY26 EXPEND. | FY27 EXPEND. | FY28 EXPEND. | TOTAL |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|

(in thousands)

| FUND: | PROJECT NUMBER | DESCRIPTION | | | | | | | | | | |
|---|-----------------------------|--|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| STRATEGIC INITIATIVE PROJECTS | | | | | | | | | | | | |
| | Strategic Int. Projs. (401) | NEW Complete Communities | | 56 | | | | | | | | 56 |
| | Strategic Int. Projs. (401) | NEW Tennyson Corridor | | 100 | | | | | | | | 100 |
| | | SUBTOTAL | | 156 | 0 | 156 |
| PEDESTRIAN IMPROVEMENTS | | | | | | | | | | | | |
| | Measure BB Tax (213) | TBD Pedestrian Traffic Signal Improvements | | | | | 25 | 25 | 25 | 25 | 25 | 150 |
| | Measure B Tax (216) | 05175 Pedestrian Traffic Signal Improvements | | 25 | 25 | 25 | 25 | | | | | 100 |
| | | SUBTOTAL | | 25 | 250 |
| WHEELCHAIR RAMPS | | | | | | | | | | | | |
| | Gas Tax Fund (210) | 05211 Wheelchair Ramps FY19 - Districts 6 & 9 | 11 | 131 | | | | | | | | 142 |
| | Gas Tax Fund (210) | TBD Wheelchair Ramps FY20 - Districts 4 & 5 | 5 | 5 | 155 | | | | | | | 165 |
| | Gas Tax Fund (210) | TBD Wheelchair Ramps FY21 - FY28 | | | 10 | 150 | 150 | 150 | 150 | 150 | 150 | 1,210 |
| | | SUBTOTAL | | 136 | 165 | 150 | 150 | 150 | 150 | 150 | 150 | 1,501 |
| SIDEWALK REHABILITATION & NEW SIDEWALK | | | | | | | | | | | | |
| | Measure BB Tax (213) | 05246 New Sidewalks FY18 | 200 | 165 | | | | | | | | 365 |
| | Measure BB Tax (213) | 05247 New Sidewalks FY19 | 25 | 325 | | | | | | | | 350 |
| | Measure BB Tax (213) | TBD New Sidewalks FY20 | | | 350 | | | | | | | |
| | Measure BB Tax (213) | TBD New Sidewalks FY21-FY28 | | | 25 | 375 | 400 | 650 | 725 | 750 | 700 | 5,125 |
| | Measure BB Tax (213) | 05278 Project Predesign Services | | 20 | 20 | 20 | 20 | 40 | 40 | 40 | 40 | 320 |
| | Measure B Tax (216) | 05260 Project Predesign Services | | 25 | 25 | 25 | 25 | | | | | 100 |
| | Measure B Tax (216) | 05272 New Sidewalks FY18 | 200 | 230 | | | | | | | | 430 |
| | Measure B Tax (216) | TBD New Sidewalks FY19 | | 420 | | | | | | | | 420 |
| | Measure B Tax (216) | TBD New Sidewalks FY20 | | | 425 | | | | | | | 425 |
| | Measure B Tax (216) | TBD New Sidewalks FY21- FY22 | | | | 425 | 409 | | | | | 834 |
| | Street System Imp (450) | 05249 Sidewalk Rehabilitation FY19 - Districts 6 & 9 | 297 | 663 | | | | | | | | 960 |
| | Street System Imp (450) | 05285 Sidewalk Rehabilitation FY20 Districts 4 & 5 | 25 | 25 | 800 | | | | | | | 850 |
| | Street System Imp (450) | TBD Sidewalk Rehabilitation FY21 - FY28 | | | | 550 | 900 | 900 | 900 | 900 | 900 | 6,850 |
| | | SUBTOTAL | | 1,873 | 1,645 | 1,395 | 1,754 | 1,590 | 1,665 | 1,690 | 1,640 | 16,632 |
| TRAFFIC CALMING | | | | | | | | | | | | |
| | Measure BB Tax (212) | TBD Speed Monitoring Devices | | | | | 60 | 60 | 60 | 60 | 60 | 360 |
| | Measure BB Tax (212) | NEW D Street Traffic Calming Study | | 120 | | | | | | | | 240 |
| | Measure B Tax (215) | 05166 Speed Monitoring Devices | | 60 | 60 | 60 | 60 | | | | | 240 |
| | Capital Proj (Gov't) (405) | 06950 Neighborhood Partnership Program Project | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 500 |
| | Transp Sys Imp (460) | 05734 Traffic Calming Implementation Program | | 90 | 90 | 90 | 90 | 90 | 90 | 75 | 90 | 885 |
| | Street System Imp (450) | NEW Innovative Deployments to Enhance Arterials (IDEA) Tennyson Corridor and Second Street | | 402 | | | | | | | | 402 |
| | | SUBTOTAL | | 722 | 200 | 200 | 200 | 200 | 200 | 185 | 200 | 2,507 |

FY18 LIVABLE NEIGHBORHOODS

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

| PRIOR EXPEND. | FY19 EXPEND. | FY20 EXPEND. | FY21 EXPEND. | FY22 EXPEND. | FY23 EXPEND. | FY24 EXPEND. | FY25 EXPEND. | FY26 EXPEND. | FY27 EXPEND. | FY28 EXPEND. | TOTAL |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| (in thousands) | | | | | | | | | | | |

| FUND: | PROJECT NUMBER | DESCRIPTION | | | | | | | | | | | |
|--|----------------|---|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| STREET TREES/MEDIAN LANDSCAPING/MURALS | | | | | | | | | | | | | |
| Capital Proj (Gov't) (405) | 06906 | Mural Art Program | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 250 |
| Capital Proj (Gov't) (405) | 05102 | Landscape Material/Median Tree/Shrub Replacements | | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 1,050 |
| Capital Proj (Gov't) (406) | NEW | Tennyson Corridor Landscape Improvement | | 300 | | | | | | | | | 300 |
| Street System Imp (450) | 05255 | Median Landscaping Improvement Project FY19 - Hesperian - Winton to Chabot | 122 | 378 | | | | | | | | | 500 |
| Street System Imp (450) | 05281 | Median Landscaping Improvement Project FY20 - Industrial Blvd. - Hesperian - West A St. to Winton | 2 | | 50 | 800 | | | | | | | 852 |
| Street System Imp (450) | TBD | Median Landscaping Improvement Project FY23 - Industrial Blvd. - Hwy 92 to Arf Ave. | | | | 50 | 1,050 | | | | | | 1,100 |
| Street System Imp (450) | NEW | Median Island Curb Reconstruction | | 200 | | | | | | | | | 200 |
| | | SUBTOTAL | | 1,008 | 180 | 980 | 1,180 | 130 | 130 | 130 | 130 | 130 | 4,128 |
| TRAFFIC SIGNAL AND STREETLIGHT ENERGY/MAINTENANCE | | | | | | | | | | | | | |
| Gas Tax Fund (210) | 05186 | Traffic Signal Energy | | 327 | 357 | 361 | 364 | 368 | 371 | 375 | 379 | 383 | 3,672 |
| Gas Tax Fund (210) | 05187 | Traffic Signal Maintenance | | 332 | 338 | 345 | 352 | 359 | 366 | 373 | 381 | 388 | 3,630 |
| Gas Tax Fund (210) | 05188 | Streetlight Energy | | 455 | 489 | 494 | 499 | 504 | 509 | 514 | 519 | 524 | 5,037 |
| Gas Tax Fund (210) | 05189 | Streetlight Maintenance | | 135 | 137 | 140 | 143 | 146 | 149 | 152 | 155 | 158 | 1,476 |
| | | SUBTOTAL | | 1,249 | 1,321 | 1,340 | 1,358 | 1,377 | 1,395 | 1,414 | 1,434 | 1,453 | 13,815 |
| NEW AND REPLACEMENT STREETLIGHTS | | | | | | | | | | | | | |
| Gas Tax Fund (210) | 05132 | New and Replacement Street Lights | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 500 |
| Gas Tax Fund (210) | NEW | B Street Lighting | | 90 | | | | | | | | | |
| | | SUBTOTAL | | 140 | 50 | 590 |
| TOTAL LIVABLE NEIGHBORHOODS PROJECTS | | | | 5,309 | 3,586 | 4,140 | 4,717 | 3,522 | 3,615 | 3,659 | 3,614 | 3,698 | 39,579 |

CAPITAL PROJECTS BY CATEGORY

| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | PRIOR | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTAL |
|--|-----------|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| | | | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | |
| | | | (in thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | |
| LIVABLE NEIGHBORHOODS | | | | | | | | | | | | | | |
| Gas Tax Fund (210) | 05132 | New and Replacement Street Lights | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 500 |
| Gas Tax Fund (210) | 05186 | Traffic Signal Energy | | 327 | 357 | 361 | 364 | 368 | 371 | 375 | 379 | 383 | 387 | 3,672 |
| Gas Tax Fund (210) | 05187 | Traffic Signal Maintenance | | 332 | 338 | 345 | 352 | 359 | 366 | 373 | 381 | 388 | 396 | 3,630 |
| Gas Tax Fund (210) | 05188 | Streetlight Energy | | 455 | 489 | 494 | 499 | 504 | 509 | 514 | 519 | 524 | 530 | 5,037 |
| Gas Tax Fund (210) | 05189 | Streetlight Maintenance | | 135 | 137 | 140 | 143 | 146 | 149 | 152 | 155 | 158 | 161 | 1,476 |
| Gas Tax Fund (210) | 05213 | Wheelchair Ramps FY19 Dists 6 & 9 | 11 | 131 | | | | | | | | | | 142 |
| Gas Tax Fund (210) | TBD | Wheelchair Ramps FY20 Dists 4 & 5 | 5 | 5 | 155 | | | | | | | | | 165 |
| Gas Tax Fund (210) | TBD | Wheelchair Ramps FY21- FY 28 | | | 10 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,210 |
| Gas Tax Fund (210) | NEW | B Street Lighting | | 90 | | | | | | | | | | 90 |
| Measure BB Tax (212) | TBD | Speed Monitoring Devices | | | | | | 60 | 60 | 60 | 60 | 60 | 60 | 360 |
| Measure BB Tax (212) | NEW | D Street Traffic Calming Study | | 120 | | | | | | | | | | 120 |
| Measure BB Tax (213) | 05246 | New Sidewalks FY18 | 200 | 165 | | | | | | | | | | 365 |
| Measure BB Tax (213) | 05247 | New Sidewalks FY19 | 25 | 325 | | | | | | | | | | 350 |
| Measure BB Tax (213) | TBD | New Sidewalks FY20 | | | 350 | | | | | | | | | 350 |
| Measure BB Tax (213) | TBD | New Sidewalks FY21- FY28 | | | 25 | 375 | 400 | 650 | 725 | 750 | 700 | 750 | 750 | 5,125 |
| Measure BB Tax (213) | TBD | Pedestrian Traffic Signal Improvements | | | | | | 25 | 25 | 25 | 25 | 25 | 25 | 150 |
| Measure BB Tax (213) | 05278 | Project Predesign Services | | 20 | 20 | 20 | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 320 |
| Measure B Tax (215) | 05166 | Speed Monitoring Devices | | 60 | 60 | 60 | 60 | | | | | | | 240 |
| Measure B Tax (216) | 05175 | Pedestrian Traffic Signal Improvements | | 25 | 25 | 25 | 25 | | | | | | | 100 |
| Measure B Tax (216) | 05272 | New Sidewalks FY18 | 200 | 230 | | | | | | | | | | 430 |
| Measure B Tax (216) | TBD | New Sidewalks FY19 | | 420 | | | | | | | | | | 420 |
| Measure B Tax (216) | TBD | New Sidewalks FY20 | | | 425 | | | | | | | | | 425 |
| Measure B Tax (216) | TBD | New Sidewalks FY21-FY22 | | | | 425 | 409 | | | | | | | 834 |
| Measure B Tax (216) | 05260 | Project Predesign Services | | 25 | 25 | 25 | 25 | | | | | | | 100 |
| Strategic Initiatives (401) | NEW | Complete Communities | | 56 | | | | | | | | | | 56 |
| Strategic Initiatives (401) | NEW | Tennyson Corridor | | 100 | | | | | | | | | | 100 |
| Capital Proj (Gov't) (405) | 06906 | Mural Art Program | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 250 |
| Capital Proj (Gov't) (405) | 05102 | Landscape Material/Median Tree/Shrub Replacements | | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 1,050 |
| Capital Proj (Gov't) (405) | 06950 | Neighborhood Partnership Program Project | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 500 |
| Capital Proj (Gov't) (406) | NEW | Tennyson Corridor Landscaping Improvement | | 300 | | | | | | | | | | 300 |
| Street System Imp (450) | 05249 | Sidewalk Rehabilitation FY19 - Districts 6 & 9 | 297 | 663 | | | | | | | | | | 960 |
| Street System Imp (450) | 05285 | Sidewalk Rehabilitation FY20 - Districts 4 & 5 | 25 | 25 | 800 | | | | | | | | | 850 |
| Street System Imp (450) | TBD | Sidewalk Rehabilitation FY21 - FY28 | | | | 550 | 900 | 900 | 900 | 900 | 900 | 900 | 900 | 6,850 |
| Street System Imp (450) | 05255 | Median Landscaping Improvement Project FY19 - Hesperian - Winton to Chabot Ct. | 122 | 378 | | | | | | | | | | 500 |
| Street System Imp (450) | 05281 | Median Landscaping Improvement Project FY20 - Hesperian - West A St to Winton | 2 | | 50 | 800 | | | | | | | | 852 |

| CAPITAL PROJECTS BY CATEGORY | | | | | | | | | | | | | | | |
|--|-----------|--|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | | PRIOR | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTAL |
| | | | | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | |
| | | | | (in thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | | |
| Street System Imp (450) | TBD | Median Landscaping Improvement Project FY23 - Industrial Blvd- Hwy 92 to Arf Ave | | | | | 50 | 1,050 | | | | | | | 1,100 |
| Street System Imp (450) | NEW | Median Island Curb Reconstruction | | | 200 | | | | | | | | | | 200 |
| Street System Imp (450) | NEW | Innovative Deployments to Enhance Arterials (IDEA) Tennyson Corridor and Second Street | | | 402 | | | | | | | | | | 402 |
| Transp Sys Imp (460) | 05734 | Traffic Calming Implementation Program | | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 75 | 90 | 90 | 975 |
| TOTAL LIVABLE NEIGHBORHOODS PROJECTS | | | | | 5,309 | 3,586 | 4,140 | 4,717 | 3,522 | 3,615 | 3,659 | 3,614 | 3,698 | 3,719 | 39,579 |
| ROAD AND STREET PROJECTS | | | | | | | | | | | | | | | |
| Gas Tax Fund (210) | 05106 | Project Predesign Services | | | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 400 |
| Gas Tax Fund (210) | 05110 | Pavement Management Program | | | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 55 | 20 | 375 |
| Gas Tax Fund (210) | 05116 | Congestion Management Program | | | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 | 1,405 |
| Gas Tax Fund (210) | 05140 | Miscellaneous Curb and Gutter Repair | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 300 |
| Gas Tax Fund (210) | 05219 | Pavement Rehabilitation - Gas Tax FY19 | | 50 | 650 | | | | | | | | | | 700 |
| Gas Tax Fund (210) | TBD | Pavement Rehabilitation - Gas Tax FY20 | | | | 650 | | | | | | | | | 650 |
| Gas Tax Fund (210) | TBD | Pavement Rehabilitation - Gas Tax FY21- FY28 | | | | 550 | 1,050 | 1,100 | 1,100 | 1,450 | 1,350 | 1,400 | 1,450 | 1,450 | 10,900 |
| RRAA (SB1) (211) | 05231 | Pavement Rehabilitation - RRAA - FY19 | | | 2,674 | | | | | | | | | | |
| Measure BB Tax (212) | 05208 | Project Predesign Services | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 300 |
| Measure BB Tax (212) | 05216 | Pavement Rehabilitation, Measure BB FY19 | | 50 | 1,850 | | | | | | | | | | 1,900 |
| Measure BB Tax (212) | TBD | Pavement Rehabilitation, Measure BB FY20 | | | 50 | 2,050 | | | | | | | | | 2,100 |
| Measure BB Tax (212) | TBD | Pavement Rehabilitation, Measure BB FY21-FY28 | | | | 25 | 2,050 | 2,650 | 4,200 | 4,250 | 4,300 | 4,300 | 4,400 | 4,400 | 30,575 |
| Measure BB Tax (212) | 05217 | Hayward Blvd. Traffic Calming Study | | 110 | 10 | | | | | | | | | | 120 |
| Measure BB Tax (212) | 05218 | Tennyson Road Corridor Complete Streets Feasibility Study | | 25 | 75 | | | | | | | | | | 100 |
| Measure B Tax (215) | 05199 | Project Predesign Services | | | 30 | 30 | 30 | 30 | | | | | | | 120 |
| Measure B Tax (215) | 05220 | Pavement Rehabilitation, Measure B FY19 | | 50 | 2,300 | | | | | | | | | | 2,350 |
| Measure B Tax (215) | 05220 | Pavement Rehabilitation, Measure B FY20 | | | 50 | 2,200 | | | | | | | | | 2,250 |
| Measure B Tax (215) | TBD | Pavement Rehabilitation, Measure B FY21-FY22 | | | | 50 | 2,300 | 1,702 | | | | | | | 4,052 |
| Vehicle Reg Fee (218) | 05280 | Pavement Rehabilitation VRF FY19 | | 25 | 725 | | | | | | | | | | 750 |
| Vehicle Reg Fee (218) | TBD | Pavement Rehabilitation VRF FY20 | | | 25 | 775 | | | | | | | | | 800 |
| Vehicle Reg Fee (218) | TBD | Pavement Rehabilitation VRF FY21 - FY28 | | | | 25 | 750 | 800 | 800 | 800 | 850 | 850 | 850 | 850 | 6,575 |
| Measure C Capital (406) | TBD | Pavement Rehabilitation | | | | | | | 2,000 | | | | | | 2,000 |
| Route 238 Imp (410) | 05114 | Administration and Predesign | | 553 | 60 | 60 | | | | | | | | | 673 |
| Route 238 Imp (410) | 05194 | Preliminary Design and Environmental Study Phase 2 & 4 | | 2,128 | 1,000 | | | | | | | | | | 3,128 |
| Route 238 Imp (410) | 05270 | Rte 238 Corridor Improvement Project - Phase 2 | | 15,154 | 15,239 | | | | | | | | | | 30,393 |
| Route 238 Imp (410) | 05287 | Rte 238 Corridor Improvement Project - Phase 3 | | 1,333 | | 11,389 | 2,778 | | | | | | | | 15,500 |
| Street System Imp (450) | 05148 | Project Predesign Services | | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 300 |
| Street System Imp (450) | 05248 | City Municipal Parking Lot #2 | | 58 | 442 | | | | | | | | | | 500 |
| Street System Imp (450) | 05257 | Bridge Structures Maintenance | | 225 | | 412 | | | | | | | | | 637 |
| Street System Imp (450) | 05286 | City Municipal Parking Lot #1 | | | 650 | | | | | | | | | | 650 |
| Street System Imp (450) | TBD | City Municipal Parking Lot #7, D-1 and D-2 | | | | | 107 | | | | | | | | 107 |

CAPITAL PROJECTS BY CATEGORY

| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | PRIOR | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTAL |
|--|-----------|---|----------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| | | | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | |
| | | | (in thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | |
| Street System Imp (450) | 05283 | Main Street Complete Street Project | 25 | 325 | 1,875 | | | | | | | | | 2,225 |
| Street System Imp (450) | 05282 | Pavement Rehabilitation - Winton Ave West | | 1,978 | | | | | | | | | | 1,978 |
| Street System Imp (450) | TBD | Pavement Rehabilitation FY22-FY28 | | | | 50 | 1,350 | 400 | 400 | 500 | 400 | 450 | 500 | 4,050 |
| Transp Sys Imp (460) | 05274 | Traffic Impact Fee Study | | 200 | | | | | | | | | | 200 |
| Transp Sys Imp (460) | 05711 | Multi Modal LOS Study | | 100 | | | | | | | | | | 100 |
| Transp Sys Imp (460) | 05709 | Traffic Control Devices Repair/Replacement | | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 400 |
| Transp Sys Imp (460) | 05734 | Traffic Calming Implementation Program | | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 900 |
| Transp Sys Imp (460) | 05856 | Controller Cabinet Replacement Program | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 300 |
| Transp Sys Imp (460) | 05877 | Transportation System Management Projects | | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 700 |
| Transp Sys Imp (460) | 05893 | Quick Response Traffic Safety Projects | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 200 |
| Transp Sys Imp (460) | 05712 | Intersection Improvement Project - TBD | | 100 | 125 | 100 | 100 | 75 | 150 | 75 | 125 | 75 | 100 | 1,025 |
| TOTAL ROAD AND STREET PROJECTS | | | 19,786 | 29,077 | 20,732 | 9,773 | 8,262 | 7,147 | 9,594 | 7,661 | 7,633 | 7,825 | 7,872 | 115,576 |
| Capital Proj (Gov't) (405) | 05160 | Surplus Property Maintenance | | 25 | 25 | 25 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 180 |
| Capital Proj (Gov't) (405) | 06121 | Property Taxes on Excess Right-of-Way | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 50 |
| Capital Proj (Gov't) (405) | 06904 | Community Satisfaction Survey | 66 | 40 | | 40 | | 40 | | 40 | | 40 | | 266 |
| Capital Proj (Gov't) (405) | 06907 | Project Predesign Services | | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 350 |
| Capital Proj (Gov't) (405) | 06911 | Property Acquisition Management | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,000 |
| Capital Proj (Gov't) (405) | 06953 | Employee Engagement Survey | | | 35 | | 35 | | 35 | | 35 | | 35 | 175 |
| Capital Proj (Gov't) (405) | 06905 | Disaster Preparedness Exercise | | 50 | | | | | | | | | | 50 |
| Capital Proj (Gov't) (405) | 06968 | Sealing Centennial Hall Parking Deck | | | | 30 | | | | | | | | 30 |
| Capital Proj (Gov't) (405) | TBD | City of Hayward 100th Anniversary Events | | | | | | | | 100 | | | | 100 |
| Measure C Capital (406) | 06988 | 21st Century Library & Community Learning Center-Construction | 54,233 | 7,247 | | | | | | | | | | 61,480 |
| Measure C Capital (406) | 07481 | New Fire Station No. 6 | 1,500 | 3,500 | 2500 | | | | | | | | | 7,500 |
| Measure C Capital (406) | 07482 | Fire Station No. 6 New Training Center | 4,213 | 25,187 | 23,500 | | | | | | | | | 52,900 |
| Facilities Capital (726) | 07201 | HVAC Replacement/Various Units | 255 | | | | 200 | 200 | 130 | | | | | 785 |
| Facilities Capital (726) | 07202 | Miscellaneous Flooring Replacement | 718 | 225 | 100 | | | | | | | | | 1,043 |
| Facilities Capital (726) | 07203 | Roof Repair/Replacement | 281 | | | 200 | | 115 | | | | 250 | 25 | 871 |
| Facilities Capital (726) | 07209 | Emergency Generator Replacements | 150 | | | | | | | 145 | 150 | | | 445 |
| Facilities Capital (726) | 07210 | Window Covering Replacement | 42 | | | 50 | 50 | | | | | | | 142 |
| Facilities Capital (726) | 07217 | Exterior Painting of City Facilities | 43 | | 50 | 115 | | | 90 | 100 | | 100 | | 498 |
| Facilities Capital (726) | 07218 | Animal Control Facilities Update | 40 | | 75 | | | | | | | | 125 | 240 |
| Facilities Capital (726) | 07221 | Interior Painting of City Facilities | 30 | | | | | | | | | | 20 | 50 |
| Facilities Capital (726) | 07222 | City Facility Update | 85 | | | | | | | | | | 75 | 160 |
| Facilities Capital (726) | 07223 | City Hall Moat | | 15 | | | | | | | | | | 15 |
| Facilities Capital (726) | NEW | Emergency Generator Panel | | 50 | | | | | | | | | | 50 |
| Facilities Capital (726) | NEW | HPD Records Remodel | | 120 | | | | | | | | | | 120 |
| Facilities Capital (726) | TBD | Elevator Overhaul | | | | | | 50 | 100 | | | | | 150 |
| Facilities Capital (726) | TBD | Workspace Reconfiguration/Remodel | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 900 |

| CAPITAL PROJECTS BY CATEGORY | | | | | | | | | | | | | | | |
|--|-----------|--|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | | PRIOR | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTAL |
| | | | | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. |
| | | | | (in thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | | |
| TOTAL BUILDING & MISCELLANEOUS PROJECTS | | | | 61,656 | 36,599 | 26,525 | 700 | 540 | 610 | 560 | 640 | 540 | 645 | 535 | 129,550 |
| FLEET MANAGEMENT | | | | | | | | | | | | | | | |
| Fleet Mgmt Capital (736) | 07301 | Vehicle Replacement Needs - Fire | | 9,496 | 985 | 917 | 1,549 | 2,114 | 1,047 | 1,542 | 1,510 | 1,205 | 1,659 | 1,116 | 23,140 |
| Fleet Mgmt Capital (736) | 07302 | Vehicle Replacement Needs - Other General Fund | | 3,636 | 1,026 | 1,092 | 186 | 358 | 836 | 490 | 278 | 649 | 498 | 787 | 9,836 |
| Fleet Mgmt Capital (736) | 07303 | Vehicle Replacement Needs - Police | | 5,094 | 1,038 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 15,132 |
| Fleet Mgmt Enterprise (737) | 07350 | Vehicle Replacement Needs - Airport | | 435 | | 88 | | | 394 | | 60 | 31 | 44 | 46 | 1,098 |
| Fleet Mgmt Enterprise (737) | 07351 | Vehicle Replacement Needs - Stormwater | | 1,604 | 350 | 309 | 318 | | 338 | 348 | 358 | | 177 | 391 | 4,193 |
| Fleet Mgmt Enterprise (737) | 07352 | Vehicle Replacement Needs - Sewer | | 2,161 | 160 | 417 | 37 | 240 | 338 | 70 | | | 127 | | 3,550 |
| Fleet Mgmt Enterprise (737) | 07353 | Vehicle Replacement Needs - Water | | 1,697 | 100 | 606 | 85 | 322 | 163 | 192 | 125 | 184 | 519 | 666 | 4,659 |
| TOTAL FLEET MANAGEMENT PROJECTS | | | | 24,123 | 3,659 | 4,429 | 3,175 | 4,034 | 4,116 | 3,642 | 3,331 | 3,069 | 4,024 | 4,006 | 61,608 |
| EQUIPMENT | | | | | | | | | | | | | | | |
| Capital Proj (Gov't) (405) | 07402 | Supporting Services Equipment | | | 74 | 34 | 75 | 25 | 54 | 30 | 37 | 30 | 30 | 32 | 421 |
| Capital Proj (Gov't) (405) | 07405 | SWAT Team Equipment | | | 21 | 16 | 17 | 47 | 84 | 72 | 50 | 50 | 50 | 50 | 457 |
| Capital Proj (Gov't) (405) | 07409 | Police Officer Equipment | | | 166 | 321 | 66 | 60 | 240 | 156 | 156 | 156 | 60 | 124 | 1,505 |
| Capital Proj (Gov't) (405) | 07411 | Field Operations Equipment | | | 33 | 22 | 27 | 32 | 19 | 25 | 25 | 25 | 25 | 25 | 258 |
| Capital Proj (Gov't) (405) | 07412 | Criminal Investigations Equipment | | | 23 | 14 | 2 | 20 | 2 | 22 | 22 | 2 | 22 | 15 | 144 |
| Capital Proj (Gov't) (405) | 07451 | Cardiac Monitor Replacement (Defibrillators) | | 431 | 377 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 99 | 99 | 1,608 |
| Capital Proj (Gov't) (405) | 07475 | Replacement Equipment for Maintenance Services | | | 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 115 |
| Capital Proj (Gov't) (405) | 07486 | Emergency Vehicle Preemption | | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 207 | 2,087 |
| Capital Proj (Gov't) (405) | 07466 | Breathing apparatus Replacement | | | 108 | 108 | 108 | 108 | 172 | 172 | 172 | 172 | 172 | 108 | 1,400 |
| Capital Proj (Gov't) (405) | 07450 | Lucas Device Replacement | | | 19 | 70 | 70 | 70 | 19 | 19 | 19 | 24 | 24 | 24 | 358 |
| Capital Proj (Gov't) (405) | 07456 | Fire Radio Replacement | | | 62 | 140 | 140 | 140 | 140 | 76 | 76 | 76 | 76 | 76 | 1,002 |
| Street System Imp (450) | 05153 | Alameda County Aerial Photography | | | | 50 | | | 50 | | | 50 | | | 150 |
| Water Replacement (603) | 07133 | SCADA System Evaluation and Upgrade | | 100 | 300 | | | | | | | | | | 400 |
| Sewer Replacement (611) | 07594 | Collection Systems SCADA & Transducer Replacement | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |
| Sewer Replacement (611) | TBD | WPCF SCADA System Evaluation and Upgrade | | | | | 500 | | | | | | | | 500 |
| Info Tech Capital (731) | 07253 | Desktop Computer Replacement Program | | 1,980 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 3,980 |
| Info Tech Capital (731) | 07256 | Public Safety Mobile Replacement Project | | 2,089 | 212 | 125 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 2,826 |
| Info Tech Capital (731) | 07257 | Network Server Replacement Project | | 1,186 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 3,186 |
| Info Tech Capital (731) | 07259 | Geographic Information System Improvements | | 215 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 465 |
| Info Tech Capital (731) | 07263 | Network Infrastructure Replacement - Police Department | | 507 | 58 | | | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 985 |
| Info Tech Capital (731) | 07264 | Network Infrastructure Replacement | | 2,868 | 348 | | | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 5,736 |
| Info Tech Capital (731) | 07266 | Council Chambers Technology Upgrade | | 1,889 | 30 | | | 750 | | | | | | | 2,669 |
| Info Tech Capital (731) | 07268 | Security Assessment and Improvement | | 120 | 132 | | | | | | | | | | 252 |
| Info Tech Capital (731) | 07269 | Inspection/Weed Abatement Software | | 75 | 75 | 68 | 68 | 68 | 68 | | | | | | 422 |
| Info Tech Capital (731) | 07272 | Body Worn Camera Equipment for HPD | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 220 |
| Info Tech Capital (731) | 07273 | City Hall Conference Room Audio Video Upgrade | | 50 | 50 | | | | | | | | | | 100 |

CAPITAL PROJECTS BY CATEGORY

| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | | | | | | | | | | | PRIOR EXPEND. | FY19 EXPEND. | FY20 EXPEND. | FY21 EXPEND. | FY22 EXPEND. | FY23 EXPEND. | FY24 EXPEND. | FY25 EXPEND. | FY26 EXPEND. | FY27 EXPEND. | FY28 EXPEND. | TOTAL |
|--|-----------|--|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| | | | | | | | | | | | | | (In thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | |
| Info Tech Capital (731) | 07275 | Highspeed Hayward | 2,396 | 1,111 | | | | | | | | | 3,507 | | | | | | | | | | | |
| Info Tech Capital (731) | 07276 | Fiber Optic Maintenance and Repair | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 275 | | | | | | | | | | | |
| Info Tech Capital (731) | 07277 | EBRCS Subscription | 357 | 324 | 330 | 337 | 344 | 351 | 358 | 365 | 372 | 380 | 3,905 | | | | | | | | | | | |
| Info Tech Capital (731) | NEW | Rotunda AV | | | 75 | 75 | | | | | | | 150 | | | | | | | | | | | |
| Info Tech Capital (731) | NEW | City VMS | | | 50 | 50 | 50 | | | | | | 150 | | | | | | | | | | | |
| TOTAL EQUIPMENT PROJECTS | | | 14,516 | 4,226 | 2,197 | 2,359 | 2,908 | 2,443 | 2,174 | 2,166 | 2,201 | 2,096 | 2,117 | 39,153 | | | | | | | | | | |
| WATER SYSTEM PROJECTS | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Replacement (603) | 07026 | Water System Leak Detection Survey and Repair | 97 | 178 | | | | | | | | | 275 | | | | | | | | | | | |
| Water Replacement (603) | 07035 | City Irrigation System Backflow Replacements | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 100 | | | | | | | | | | | |
| Water Replacement (603) | 07057 | Restore Water Mains at I-880 | | 550 | | | | | | | | | 550 | | | | | | | | | | | |
| Water Replacement (603) | 07003 | Miscellaneous Hydrant Replacement Program | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 250 | | | | | | | | | | | |
| Water Replacement (603) | 07006 | Annual System Replacement Program | | 150 | 150 | 150 | 150 | 150 | 150 | 200 | 200 | 200 | 1,700 | | | | | | | | | | | |
| Water Replacement (603) | 07013 | High Efficiency Fixture Replacement Program | | 200 | 100 | 100 | 100 | 100 | 150 | 150 | 150 | 150 | 1,350 | | | | | | | | | | | |
| Water Replacement (603) | 07030 | Project Predesign Services | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 250 | | | | | | | | | | | |
| Water Replacement (603) | 07059 | Reservoir Coating Inspection/Recoating at 250' East, 250' West, 250' South, West at Mission and Willis | | 2,400 | | | | | | | | | 2,400 | | | | | | | | | | | |
| Water Replacement (603) | 07046 | Replace 16" Water Line near Mission & Willis | | | 250 | 1,500 | | | | | | | 1,750 | | | | | | | | | | | |
| Water Replacement (603) | 07047 | Water Efficient Landscape Surveys and Incentives | 441 | 100 | | | | | | | | | 541 | | | | | | | | | | | |
| Water Replacement (603) | NEW | Annual Line Replacements FY19 | | 750 | | | | | | | | | 750 | | | | | | | | | | | |
| Water Replacement (603) | NEW | Fittings Upgrade for Fire Department-Various Reservoirs | | 75 | 75 | | | | | | | | 150 | | | | | | | | | | | |
| Water Replacement (603) | 07134 | Cast Iron Water Pipeline Replacement - Local Streets | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 5,500 | | | | | | | | | | | |
| Water Replacement (603) | TBD | Annual Line Replacements FY20-FY28 | | | 1,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 17,000 | | | | | | | | | | | |
| Water Replacement (603) | 07132 | Water Main Replacement at Highland, Carroll, Zephyr, etc. | 1,700 | 3,000 | 1,000 | | | | | | | | 5,700 | | | | | | | | | | | |
| Water Replacement (603) | 07131 | Water Pump Station Valve Repair & Upgrade at Various St. | 75 | 150 | 75 | 75 | | | | | | | 375 | | | | | | | | | | | |
| Water replacement (603) | 07130 | Pressure Reducing Station Regulator Replacement | 150 | 300 | | | | | | | | | 450 | | | | | | | | | | | |
| Water Improvement (604) | 07105 | Solar Power at Various Water Facilities | | 3,000 | | | | | | | | | 3,000 | | | | | | | | | | | |
| Water Improvement (604) | 07176 | Utility Center Renovations/Training Center Addition | 6 | 2,994 | | | | | | | | | 3,000 | | | | | | | | | | | |
| Water Improvement (604) | 07178 | Hesperian Site Additional Paving | | 90 | | | | | | | | | 90 | | | | | | | | | | | |
| Water Improvement (604) | 07182 | New 12" Pipeline - Dunn Road | 100 | 500 | | | | | | | | | 600 | | | | | | | | | | | |
| Water Improvement (604) | 07183 | New 0.75MG Tank, Pumps, and Generator at Garin Reservoir/Pumps Station Site | 350 | 2,500 | | | | | | | | | 2,850 | | | | | | | | | | | |
| Water Improvement (604) | 07029 | Project Predesign Services | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 150 | | | | | | | | | | | |
| Water Improvement (604) | 07119 | Radio Telemetry & Transducer Replacement & Upgrade | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 200 | | | | | | | | | | | |
| Water Improvement (604) | 07160 | Seismic Retrofit Maitland Reservoir and Appurtenances | 27 | 500 | 1,603 | | | | | | | | 2,130 | | | | | | | | | | | |
| Water Improvement (604) | 07173 | Seismic Retrofit Highland 250 Reservoirs | 515 | 600 | | | | | | | | | 1,115 | | | | | | | | | | | |
| Water Improvement (604) | 07172 | New 3 MG Reservoir at High School Reservoir Site | 105 | | | | | | 900 | 6,000 | | | 7,005 | | | | | | | | | | | |
| Water Improvement (604) | 07191 | Groundwater Sustainability Plan Implementation | | 3,000 | | | | | | | | | 3,000 | | | | | | | | | | | |
| Water Improvement (604) | TBD | New 2 MG Reservoir and Booster Station at Hesperian Site | | | | 1,500 | 8,500 | | | | | | 10,000 | | | | | | | | | | | |
| Water Improvement (604) | 07016 | New Pressure Regulating Stations at New 265' Zone | | 500 | 2,260 | | | | | | | | 2,760 | | | | | | | | | | | |

| CAPITAL PROJECTS BY CATEGORY | | | | | | | | | | | | | | | |
|--|-----------|---|----------------|---------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--------|
| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | | PRIOR EXPEND. | FY19 EXPEND. | FY20 EXPEND. | FY21 EXPEND. | FY22 EXPEND. | FY23 EXPEND. | FY24 EXPEND. | FY25 EXPEND. | FY26 EXPEND. | FY27 EXPEND. | FY28 EXPEND. | TOTAL |
| FUND: | PROJ. NO. | DESCRIPTION | (in thousands) | | | | | | | | | | | | |
| Water Improvement (604) | 07017 | Weather Based Irrigation Controllers at Various Locations | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 200 |
| Water Improvement (604) | TBD | New Emergency Well B2 | | | | 2,000 | | | | | | | | | 2,000 |
| Water Improvement (604) | 07189 | Safety Improvements to Utility Center Corp. Yard Storage | | 75 | | | | | | | | | | | 75 |
| Water Improvement (604) | 07190 | Disinfection Residual Management | 500 | 500 | | | | | | | | | | | 1,000 |
| Water Improvement (604) | NEW | Alternative Feed Pipelines | | 300 | 150 | 150 | 150 | | | | | | | | 750 |
| Water Improvement (604) | NEW | Groundwater Sustainability Plan Projects | | | | | | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 3,000 |
| TOTAL WATER SYSTEM PROJECTS | | | 4,469 | 22,849 | 7,278 | 6,590 | 4,515 | 11,865 | 3,415 | 4,365 | 9,465 | 3,465 | 3,465 | 81,741 | |
| SEWER SYSTEM PROJECTS | | | | | | | | | | | | | | | |
| Sewer Replacement (611) | 07668 | WPCF West Trickling Filter and Biofilter Project | | 2,500 | 17,000 | | | | | | | | | | 19,500 |
| Sewer Replacement (611) | 07516 | EBDA Outfall Replacement Payment | | 120 | 120 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,440 |
| Sewer Replacement (611) | 07524 | Project Predesign Services | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 150 |
| Sewer Replacement (611) | 07529 | WPCF Miscellaneous Plant Replacements | | 300 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 3,450 |
| Sewer Replacement (611) | 07575 | Miscellaneous Lift Station Equipment Replacement | | 100 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 1,450 |
| Sewer Replacement (611) | 07594 | Collection Systems SCADA & Transducer Replacement | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 200 |
| Sewer Replacement (611) | 07596 | WPCF SCADA System Miscellaneous Replacements | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 150 |
| Sewer Replacement (611) | 07531 | WPCF Asset Management Plan | 1 | 99 | | | | | | | | | | | 100 |
| Sewer Replacement (611) | 07611 | WPCF Equalization Pond Diversion Valve Replacement | | 100 | | | | | | | | | | | 100 |
| Sewer Replacement (611) | 07648 | WPCF Seismic Retrofit of Miscellaneous Buildings | 5 | 370 | | | | | | | | | | | 375 |
| Sewer Replacement (611) | 07656 | WPCF Main 480V MCC Electrical Distribution Repairs | 225 | 1,000 | | | | | | | | | | | 1,225 |
| Sewer Replacement (611) | NEW | Annual Line Replacements FY19 | | 1,000 | | | | | | | | | | | 1,000 |
| Sewer Replacement (611) | 07650 | WPCF Structural Repairs and Canopy Covers | | 675 | | | | | | | | | | | 675 |
| Sewer Replacement (611) | TBD | Valle Vista Submersible Pump Repl and Wet Well Rehab | | 700 | | | | | | | | | | | 700 |
| Sewer Replacement (611) | TBD | Digester #2 Cleaning and Dome Rehabilitation | 50 | | 450 | | | | | | | | | | 500 |
| Sewer Replacement (611) | TBD | Annual Line Replacements FY20 - FY28 | | | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 18,000 |
| Sewer Replacement (611) | TBD | Digester #1 Cleaning and Dome Rehabilitation | | | 500 | | | | | | | | | | 500 |
| Sewer Replacement (611) | TBD | Gravity Belt Thickener Rebuilding | | 500 | | | | | | | | | | | 500 |
| Sewer Replacement (611) | TBD | Collection Systems SCADA System Evaluation & Upgrade | | 300 | | | | | | | | | | | 300 |
| Sewer Replacement (611) | TBD | WPCF Final Clarifiers Mechanisms Replacement | | | | | | 1,800 | | | | | | | 1,800 |
| Sewer Replacement (611) | TBD | WPCF SCADA System Evaluation and Upgrade | | | 500 | | | | | | | | | | 500 |
| Sewer Replacement (611) | 07690 | WPCF Diversion Ponds 2,3, & 7 Gate Restoration | | 550 | | | | | | | | | | | 550 |
| Sewer Replacement (611) | 07624 | Harder Road Sewer System Improvement | | 500 | 2,000 | | | | | | | | | | 2,500 |
| Sewer Replacement (611) | 07018 | Pump Station Valve Repair & Upgrade at Various Stations | 75 | 75 | 75 | 75 | | | | | | | | | 300 |
| Sewer Replacement (611) | 07618 | WPCF Gas Conditioning Skid Media Replacement | | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 1,650 |
| Sewer Replacement (611) | 07619 | WPCF Motorized Valve Actuators for Influent Gates | | 105 | | | | | | | | | | | 105 |
| Sewer Replacement (611) | TBD | WPCF North Vacuator Restoration/Improvements | | | 160 | 1,600 | | | | | | | | | 1,760 |
| Sewer Replacement (611) | 07620 | WPCF Safety Improvements | | 100 | | | | | | | | | | | 100 |
| Sewer Replacement (611) | 07622 | Ward Creek/Tiegen Drive Sewer Replacement | | 500 | | | | | | | | | | | 500 |
| Sewer Replacement (611) | 07623 | WPCF Effluent Channel Corrugated Pipe Rehabilitation | | 500 | | | | | | | | | | | 500 |

CAPITAL PROJECTS BY CATEGORY

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

| | | | PRIOR | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | TOTAL |
|-------------------------|-----------|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| | | | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | EXPEND. | |
| | | | (in thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | |
| Sewer Replacement (611) | NEW | WPCF GBT Sludge Wetwell Structure Repairs & Modifications | | 150 | | | | | | | | | | 150 |
| Sewer Replacement (611) | NEW | WPCF EQ Pond Sludge Removal | | 75 | | | | | | | | | | 75 |
| Sewer Replacement (611) | NEW | WPCF Effluent Pond Weed Removal | | 200 | | | | | | | | | | 200 |
| Sewer Replacement (611) | NEW | WPCF Final Clarifier No. 1 Electrical Conduit Replacement | | 35 | | | | | | | | | | 35 |
| Sewer Replacement (611) | NEW | Jackson Street Underpass Pump Station Upgrades | | | 50 | 250 | | | | | | | | 300 |
| Sewer Improvement (612) | 07506 | WPCF Administration Building Renovation and Addition | 154 | 4,500 | | | | | | | | | | 4,654 |
| Sewer Improvement (612) | 07507 | Recycled Water Treatment and Distribution Facilities | 19,330 | 8,481 | | | | | | | | | | 27,811 |
| Sewer Improvement (612) | 07523 | Project Pre-design Services | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 150 |
| Sewer Improvement (612) | 07530 | WPCF Solar Power Design and Construction Phase II Two MW | 95 | 6,205 | | | | | | | | | | 6,300 |
| Sewer Improvement (612) | 07556 | WPCF Chlorine Disinfection System Improvements | | | | 7,200 | | | | | | | | 7,200 |
| Sewer Improvement (612) | 07568 | WPCF New Operations Building | | 5,600 | | | | | | | | | | 5,600 |
| Sewer Improvement (612) | 07679 | Cogeneration System Maintenance Contract | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 2,000 |
| Sewer Improvement (612) | 07701 | WPCF Mechanical Sludge Dewatering Facility | | | 2,600 | | | | | | | | | 2,600 |
| Sewer Improvement (612) | TBD | WPCF Aeration Blower | | 85 | | | | | | | | | | 85 |
| Sewer Improvement (612) | TBD | WPCF Primary Effluent Flow Equalization | | | | | | 300 | 2,200 | | | | | 2,500 |
| Sewer Improvement (612) | 07696 | WPCF Stormwater and Site Grading Improvements | | 530 | | | | | | | | | | 530 |
| Sewer Improvement (612) | 07702 | WPCF Security Improvements | | 30 | | | | | | | | | | 30 |
| Sewer Improvement (612) | TBD | WPCF Co-Generation Engine #2 | | | | | | 2,000 | | | | | | 2,000 |
| Sewer Improvement (612) | TBD | WPCF New Digester Gas Storage | | | | | | 2,850 | | | | | | 2,850 |
| Sewer Improvement (612) | NEW | WPCF Grit Removal System | | 3,675 | | | | | | | | | | 3,675 |
| Sewer Improvement (612) | NEW | WPCF Final Clarifier No. 1 & 2 Equipment Coatings | | 910 | | | | | | | | | | 910 |
| Sewer Improvement (612) | 07704 | WPCF Final Clarifier No. 1 Structure Repairs | | 620 | | | | | | | | | | 620 |
| Sewer Improvement (612) | TBD | WPCF New Biofilter for Gravity Belt Thickener Building | | | | | | 100 | 875 | | | | | 975 |
| Sewer Improvement (612) | 07705 | WPCF Gravity Belt Thickener Sludge Blending Tank Coatings | | 175 | | | | | | | | | | 175 |
| Sewer Improvement (612) | TBD | WPCF Old Cogen Building Repurpose | | 400 | | | | | | | | | | 400 |
| Sewer Improvement (612) | 07706 | WPCF Sludge Pipeline from Eq. Pond to Site Waste PS | | 160 | | | | | | | | | | 160 |
| Sewer Improvement (612) | 07707 | WPCF MCC5 & 19 Replacement | | 500 | | | | | | | | | | 500 |
| Sewer Improvement (612) | 07708 | WPCF Tertiary Treated Near Shore Discharge Feasibility Study and Facilities Plan | | 500 | | | | | | | | | | 500 |
| Sewer Improvement (612) | 07709 | Recycled Water Facilities Plan Update | | 500 | | | | | | | | | | 500 |
| Sewer Improvement (612) | NEW | WPCF Expansion of Cogen System Gas Conditioning Skid System | | | | | | 425 | 3,375 | | | | | 3,800 |
| Sewer Improvement (612) | 07711 | Feasibility Study -WPCF Bio-Gas for City's CNG Vehicles | | 50 | | | | | | | | | | 50 |
| Sewer Improvement (612) | 07710 | Recycled Water Facility Treatment and Disinfection -Phase I | | 1,300 | | | | | | | | | | 1,300 |
| Sewer Improvement (612) | NEW | WPCF Pond No. 7 Outlet Pipe | | 20 | 100 | | | | | | | | | 120 |
| Sewer Improvement (612) | NEW | WPCF Headworks Channel Actuators | | 150 | | | | | | | | | | 150 |
| Sewer Improvement (612) | NEW | WPCF Equalization Pond Liner | | 30 | 270 | | | | | | | | | 300 |

CAPITAL PROJECTS BY CATEGORY

| Expenditure amounts do not include reimbursements, transfers between funds, or vehicle replacements and operating/maintenance expense. | | | | | | | | | | | | | PRIOR EXPEND. | FY19 EXPEND. | FY20 EXPEND. | FY21 EXPEND. | FY22 EXPEND. | FY23 EXPEND. | FY24 EXPEND. | FY25 EXPEND. | FY26 EXPEND. | FY27 EXPEND. | FY28 EXPEND. | TOTAL |
|--|-----------|--|--------|--------|--------|--------|-------|--------|-------|-------|-------|-------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| | | | | | | | | | | | | | (In thousands) | | | | | | | | | | | |
| FUND: | PROJ. NO. | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | |
| Sewer Improvement (612) | NEW | 27 Inch Force Main Bypass Pumping-I-880/Industria | | 60 | 540 | | | | | | | 600 | | | | | | | | | | | | |
| Sewer Improvement (612) | NEW | Sewer Main Installation-I-800/Willimet | | 500 | | | | | | | | 500 | | | | | | | | | | | | |
| TOTAL SEWER SYSTEM PROJECTS | | | 19,935 | 45,965 | 24,695 | 14,805 | 3,080 | 10,555 | 9,530 | 3,080 | 3,080 | 3,080 | 140,885 | | | | | | | | | | | |
| AIRPORT PROJECTS | | | | | | | | | | | | | | | | | | | | | | | | |
| Airport Capital (621) | 06816 | Sulphur Creek 10-Year Monitoring | 305 | 23 | | | | | | | | 328 | | | | | | | | | | | | |
| Airport Capital (621) | 06805 | Project Predesign Services | | 48 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 408 | | | | | | | | | | | | |
| Airport Capital (621) | 06806 | Consultant Predesign Services | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 250 | | | | | | | | | | | | |
| Airport Capital (621) | 06891 | Miscellaneous Pavement/Building/Grounds Repairs | | 60 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 510 | | | | | | | | | | | | |
| Airport Capital (621) | 06898 | Noise Monitoring | | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 450 | | | | | | | | | | | | |
| Airport Capital (621) | 06818 | Airport Pavement Management Program Update | | 35 | | 35 | | 35 | | 35 | | 175 | | | | | | | | | | | | |
| Airport Capital (621) | 06819 | Taxiway Alpha & Foxtrot Pavement Rehabilitation FY16 | 587 | 479 | | | | | | | | 1,066 | | | | | | | | | | | | |
| Airport Capital (621) | 06814 | Sulpher Creek Mitigation - Design and Construction | 263 | 3,037 | | | | | | | | 3,300 | | | | | | | | | | | | |
| Airport Capital (621) | 06823 | Perimeter Fence Repair | 82 | 10 | 10 | 10 | 10 | | | | | 122 | | | | | | | | | | | | |
| Airport Capital (621) | 06826 | East T-Hangar Foam Re-roofing | 51 | 50 | 400 | | | | | | | 501 | | | | | | | | | | | | |
| Airport Capital (621) | TBD | Realignment of Taxiway Zulu | | 300 | 2444 | | | | | | | 2,744 | | | | | | | | | | | | |
| Airport Capital (621) | TBD | EMAS Runway Safety Area Improvements | | | | 500 | 8333 | | | | | 8,833 | | | | | | | | | | | | |
| Airport Capital (621) | TBD | Rehab of TWY Alpha & Rehab TWY Delta Intersections | | | | | | 64 | 539 | | | 603 | | | | | | | | | | | | |
| Airport Capital (621) | TBD | Golf Course Modifications/Road Relocation | | | 360 | 3,009 | | | | | | 3,369 | | | | | | | | | | | | |
| Airport Capital (621) | TBD | Airport Pavement Preventative Maintenance | | | 75 | 600 | 350 | 650 | 725 | 725 | 750 | 5,375 | | | | | | | | | | | | |
| Airport Capital (621) | TBD | View Park | | | 90 | | | | | | | 90 | | | | | | | | | | | | |
| Airport Capital (621) | NEW | CCTV Upgrade | | 60 | | | | | | | | 60 | | | | | | | | | | | | |
| Airport Capital (621) | 06829 | Infrastructure Improvement Plan | | 110 | | | | | | | | 110 | | | | | | | | | | | | |
| TOTAL AIRPORT PROJECTS | | | 1,288 | 4,282 | 3,539 | 4,314 | 8,853 | 909 | 1,424 | 920 | 910 | 945 | 28,294 | | | | | | | | | | | |

UNFUNDED 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

| | |
|----------------------------------|----------------------|
| | <u>10-Year Total</u> |
| <i>Total Technology Projects</i> | \$ 0 |

FLEET

| | | |
|--|-----------------------------|----------------------|
| | | <u>10-Year Total</u> |
| 1. Water Tender | | \$ |
| Fire Department vehicle to draft water from a stream, lake or hydrant when water systems are not available. | | |
| <i>Funded in FY 2019 CIP</i> | | |
| 2. Police/Fire Command Center Vehicle | | \$ |
| Mobile communications and command vehicle for use in major incidents or compromise of the communications center. | | |
| <i>FY 2018 Funded through grants and Asset Forfeiture Funds</i> | | |
| 3. Emergency Response Vehicle | | \$ 300,000 |
| Armored vehicle for use in major incidents, hot zones and natural disasters. | | |
| <i>FY 2018 New Project Request. Cost updated for FY19.</i> | | |
| | <i>Total Fleet Projects</i> | \$ 300,000 |

MISCELLANEOUS PROJECTS

| | | |
|---|------------------------------------|----------------------|
| | | <u>10-Year Total</u> |
| 1. Unified Development Code | | \$ 850,000 |
| Redesign of the City's various zoning ordinances and development regulations. | | |
| | <i>FY 2018 New Project Request</i> | \$ 850,000 |

FACILITIES AND IMPROVEMENT PROJECTS

| | | |
|---|--|----------------------|
| | | <u>10-Year Total</u> |
| 1. Replacement Police Station | | \$ 130,000,000 |
| Replacement for 1972 vintage existing facility with 80,000 square foot police headquarters and 15,000 square foot jail facility. Cost does not include land. | | |
| <i>2008 Police Department Strategic Plan. Cost updated for FY 2018</i> | | |
| 2. New Fire Station #9 | | \$ 8,600,000 |
| A new fire house would be built on the south end of Campus Drive. | | |
| <i>FY 2010 Identified Needs List for CIP. Cost updated in FY 2017</i> | | |
| 3. Solar Carport Between Fleet Management and Streets | | \$ 850,000 |
| As part of the City's efforts to utilize green technology whenever possible, project would install a solar carport at the Maintenance Yard. | | |
| <i>FY 2011 New Project Requests. Cost updated in FY 2017</i> | | |
| 4. Replacement Corporation Yard | | \$ 50,000,000 |
| Replacement for existing buildings at the City's corporation yard. The six buildings, constructed in 1980, total 131,898 square feet. Cost does not include land. | | |
| | <i>All Facility and Improvement Projects</i> | \$ 189,450,000 |

| | | |
|--|---|----------------------|
| STREET IMPROVEMENT PROJECTS | | <u>10-Year Total</u> |
| 1. | Streetscape Project - C Street from Grand to Filbert Streetscape project includes the following improvements: median construction, narrowing of street width, and widening of sidewalks. <i>FY 2012 CIP New Project Request. Cost updated in FY 2017</i> | \$ 2,520,000 |
| 3. | 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. <i>FY 2012 CIP New Project Request. Cost updated in FY 2017</i> | \$ 3,900,000 |
| <i>Total Street Improvement Projects</i> | | <u>\$ 6,420,000</u> |
| ALTERNATE MODES PROJECTS | | <u>10-Year Total</u> |
| 1. | Carlos Bee Boulevard/Hayward Boulevard/Campus Drive Sidewalks Completion of sidewalks and walkways along these major arterials. <i>1998 Hayward Highlands Neighborhood Plan. Cost updated in FY 2017</i> | \$ 1,882,000 |
| 2. | Tennyson Pedestrian Bridge Construction of a pedestrian/bicycle railroad overcrossing that will parallel the Union Pacific Railroad and BART tracks across Tennyson Road and connect the existing bicycle and pedestrian path (called the Nuestro Parquecito) with the South Hayward BART station. <i>2007 South Hayward BART Concept Design Plan. Cost updated in FY 2017</i> | \$ 2,100,000 |
| 3. | Tennyson-UPRR Grade Separation at Whitman Construction of an underpass at Whitman near the Tennyson-UPRR crossing. <i>FY 2012 CIP New Project Requests. Cost updated in FY 2017</i> | \$ 38,000,000 |
| <i>Total Alternate Modes Projects</i> | | <u>\$ 41,982,000</u> |
| INTERCHANGE PROJECTS | | <u>10-Year Total</u> |
| 1. | Whitesell/Clawiter/Route 92 Interchange Construction of a new interchange with a Whitesell Drive overcrossing of Route 92. <i>Funding through LATIP for Central County Freeway Study or Measure BB projects.</i> | \$ 63,100,000 |
| 2. | I-880/West A Street Interchange Reconstruction of interchange to accommodate widening under the bridge. <i>FY 2018 Alameda CTC is undertaking this project</i> | \$ |
| <i>Total Interchange Projects</i> | | <u>\$ 63,100,000</u> |
| PAVEMENT MAINTENANCE PROJECTS | | <u>10-Year Total</u> |
| 1. | Improve Citywide Pavement Condition Index (PCI) Improve Citywide PCI from the current rating of 70 (good) to 80 (excellent) in one year, then maintain a rating of 80 each year (\$7.4 million/year). <i>The Citywide PCI increased from 66 in FY 2016 to 70 in FY 2017 due to the largest paving project in Hayward's history. Funding provided by Measures B & BB, VRF, and Measure C.</i> | \$ 90,000,000 |
| <i>Total Pavement Maintenance Projects</i> | | <u>\$ 90,000,000</u> |
| AIRPORT PROJECTS | | <u>10-Year Total</u> |
| 1. | Pavement Rehabilitation - Taxilanes, Taxiways, and Aprons Improve pavement on all taxilanes, taxiways, and aprons to maintain aircraft safety. Estimated total need is approximately \$19,000,000. | \$ 9,500,000 |

Unfunded amount assumes half of total need is eligible for FAA reimbursement.

2016 Airport Pavement Management Plan

| | | | |
|---------------------------------------|---|-------------------------------|---------------------------|
| 2. | New Air Traffic Control Tower | \$ | 7,000,000 |
| | Construction of new control tower; the current tower, which was built in 1961, has line-of-sight issues and no longer meets seismic safety standards. | | |
| | <i>Airport Layout Plan</i> | | |
| 3. | Renovation of T-Hangars | \$ | 1,500,000 |
| | Renovation of hangar doors, roofing, and lighting. | | |
| | <i>Cost estimate - pending the results of hangar condition assessment</i> | | |
| | | <i>Total Airport Projects</i> | \$ 18,000,000 |
| IDENTIFIED CAPITAL NEEDS TOTAL | | \$ | <u>410,102,000</u> |