

# City of Daly City



# Comprehensive Biennial Capital Budget Fiscal Years 2017 and 2018

# Table of Contents

Transmittal Letter.....	i-iv
General Information.....	v-viii
Fund Descriptions & Sources.....	ix-x
Fund Summaries.....	xi-xviii
General Capital Program.....	G1-G53
• Narrative	
• Project Sheets	
Transportation Program .....	T1-T51
• Narrative	
• Project Sheets	
Water Program .....	W1-W23
• Narrative	
• Project Sheets	
Sanitation Program .....	S1-S35
• Narrative	
• Project Sheets	



June 2016

Honorable Mayor and Members of the City Council  
Citizens of Daly City

I am pleased to submit the City of Daly City's Capital Improvement Plan (CIP) for fiscal years (FY) 2017 and 2018. This is a modest plan that addresses our most pressing deferred maintenance needs. The overall focus of this capital improvement plan is to repair, maintain, rehabilitate, or reconstruct existing infrastructure.

The total budget for FY2017 and FY2018 are \$15.3 million and \$12.9 million, respectively.



### Proposed New Appropriations by Fund

Fund	FY2017	FY2018	Total
General Capital	\$ 4,672,000	\$ 3,413,000	\$ 8,085,000
Transportation	\$ 3,598,000	\$ 2,842,000	\$ 6,440,000
Water	\$ 2,522,670	\$ 3,265,000	\$ 5,787,670
Sanitation	\$ 4,483,500	\$ 3,396,000	\$ 7,879,500
Subtotal	\$ 15,276,170	\$ 12,916,000	\$ 28,192,170
Salaries & Benefits	\$ 4,211,000	\$ 4,293,000	\$ 8,504,000
Total	\$ 19,487,170	\$ 17,209,000	\$ 36,696,170

21

#### *General Capital Fund*

The General Capital Fund includes major maintenance of facilities including HVAC and roof replacements, elevator modernization, and generator replacements. In general, staff strives to extend the lifecycle/useful life of facilities and assets; thus, full-scale replacement is only recommended when replacement parts or equipment is unattainable. The few park projects that are included are either funded with proposed grants or Park-In-Lieu fees and Police Station improvements, not including the locker room upgrade project, are funded with Asset Forfeiture Funds, should they become available. The Mussel Rock Landfill has and will continue to put considerable strain on the General Fund. Mussel Rock projects over the next two fiscal years will cost the City approximately \$1.8 million, and include decommissioning the transfer station, maintaining and monitoring the landfill site, and installing improvements in response to ever increasing regulatory mandates.

#### *Transportation Fund*

The largest share of the Transportation Fund is dedicated to the City's Pavement Preservation Program. The City believes that by focusing on preventative maintenance through the application of slurry seals it will reduce the frequency of pavement rehabilitation projects in the future. In addition, we have allocated funds for bicycle and pedestrian improvements and are pleased to report success in securing grants to fund these types of projects.

### *Water Fund*

The projects in the Water Fund are divided into three categories: water supply/water quality, pipelines and facility reliability. One of the major factors that impact the revenue available for capital projects is the reduction of water purchase as a result of water conservation brought on by extended drought conditions. In FY 2016, revenues came in approximately \$2.0 million under budget. Staff is reviewing the Water Fund reserve policy to determine adequate funding levels to finance long-term capital plan, to maintain the City's water infrastructure and to achieve rate stabilization.

### *Sanitation Fund*

The projects in the Sanitation Fund are divided into four categories: facility improvement, system reliability, storm water protection and pipelines. Most of the projects in the CIP are centered on repairing and maintaining the aging plant and infrastructure. A continuing project in the CIP is the installation of trash collectors in the storm drain system, which addresses regulatory requirements. In addition, a project that will have long-term cost implications is the Vista Grande Drainage Basin. A detailed financial plan will need to be developed in order to deliver this proposed project. The Sanitation Fund includes capital reserve restricted to major emergency repairs associated with the Wastewater Treatment Plant. Staff is reviewing the Sanitation Fund reserve policy to determine adequate funding levels to operating reserves.

### *Significant Changes from the Prior CIP*

Before preparing the CIP, staff reviewed and evaluated past plans and processes and made recommended changes for developing the CIP. Due to the City's limited financial resources, staff created new comprehensive criteria to justify every project in the CIP. Information regarding the criteria used to justify projects can be found in the general information section of the CIP.

The City is placing a greater focus on financial sustainability and long-term strategic planning. There are several projects dedicated to strategic planning and financial forecasting such as the Parks & Open Space Master Plan, Bicycle & Pedestrian Master Plan, Information Technology Master Plan, and the Building & Facilities Assessment.

Likewise, we have retitled funds to better align with the types of projects that are included in the fund. For example, we changed the title of the Gas Tax Fund to Transportation Fund and consolidated Major Facility Improvements Fund and Capital Outlay Fund and retitled it General Capital Fund.

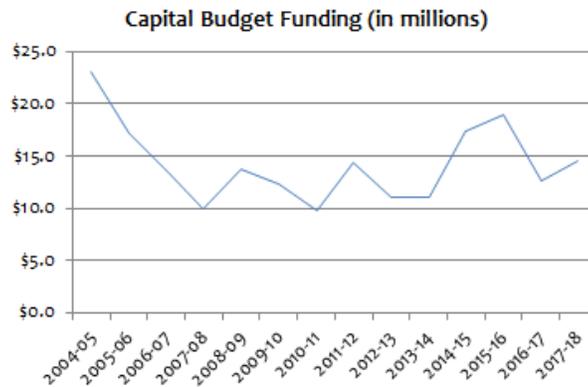
In an effort to be more efficient and have the CIP focus on projects that are one-time in nature, the minimum threshold for the capital project value changed from \$5,000 to \$50,000. As a result some departments will see their operational budgets increase to account for ongoing repairs or maintenance of a recurring nature. Finally, the CIP has been reviewed by the City's Planning Commission for conformance to the City's General Plan.

### Declining Capital Funds

Unfortunately, the Capital Improvement Program has continued to see declining revenue as illustrated in the below chart:



### Declining Capital Funds



With a pay-go-funding model, projects are implemented when funds have been saved over time. According to the chart above, significant investments occurred in FY2004-05, and included the War Memorial Community Center, John Daly Library, and the Bayshore Community Center and Library. Given the pressures on the General Fund (GF), staff does not project having any additional General Fund surplus to replenish the General Capital Fund. Likewise, with the growing increase of electric/hybrid vehicles and greater fuel efficiency, we project that gas tax revenue will decline over time, which would impact the Transportation Fund.

The Water and Sanitation Funds are also experiencing declining or stagnant revenue, despite adopted rate increases. For example, the Water Fund experienced an estimated \$2 million decrease in revenue as a result of ratepayers purchasing less water – one of the impacts of water conservation. We continue to see greater expenditure pressures placed on the Sanitation Fund due to federal and state mandates and overall increasing operational costs.

The City is also seeing construction costs outpace inflation, making it more expensive to invest in capital improvements. Daly City is not unique in this regard; all governments across the nation have less buying power for capital projects.

With limited revenues, we have had to prioritize operating expenditures and deferred capital expenditures to future years. The preliminary building and facility assessment conducted by staff estimates \$5.3 million in unfunded maintenance and repair projects. Below are examples of projects we have to delay:

- Doelger Art Center (boiler, roof, heaters) \$500,000
- Doegler Senior Center (roof, kitchen appliances, piping) \$1,200,000
- Lawson Hall (flooring, siding, stairway) \$165,000

- Westlake Gym (flooring, piping roof, kitchen appliances) \$245,000
- Teglia Community Center (furnace, exhaust fan) \$28,000
- War Memorial (kitchen appliances, flooring) \$123,000
- Bayshore Community Center (flooring) \$93,000

Since the “Great Recession,” the City has had to reduce its operational costs, especially in building/facility maintenance and parks/grounds maintenance staff. However, there has been no subsequent reduction of facilities and assets to maintain. The nine (9) Building Maintenance Division staff are responsible for the maintenance and repair of 50 facilities that total an estimated 412,245 square feet of building space. Additionally, they are responsible for the maintenance and repair of all hardscape items in 31 parks, and along the public right-of-ways, for example, benches, fencing, playground equipment, and exterior area lighting in City parks and facilities.

The Parks Maintenance Division employs 14 staff to maintain 31 parks, landscape around 21 City buildings, and areas of open space estimated at 178 acres. Additionally, the Parks Division provides landscaping maintenance to an estimated 26 acres of medians and right-of-ways.

To bring levels of service back to industry standards, it would cost an additional \$2 million to the General Fund. In addition, to meet industry standards for the CIP, the City would need to reinvest on average, 2.5% of our facilities’ replacement values into major maintenance efforts on an annual basis. Needless to say, the City struggles to meet these standards.

While we would prefer to provide a higher level of service throughout the City, we provide what we can afford to provide. This CIP exercises fiscal discipline and addresses the City’s most pressing needs. We recognize that the challenges we face are continuing to increase; however, staff remains committed to finding creative ways to preserve capital assets and to address the City’s growing capital needs.

Respectfully submitted,



Patricia E. Martel  
City Manager

## General Information

### I. What is the Capital Improvement Program?

The Capital Improvement Program (CIP) is a multi-year plan used to coordinate the financing and timing of major public improvements for the City of Daly City. It contains a list of capital projects proposed for the City within the next 10 years and reflects the recommendations of citizens, City Council, boards, commissions, and staff from each of the City's departments. The CIP identifies each proposed project and presents a summary description, estimate of cost, method of financing, and a schedule of implementation. The Capital Improvement Program constitutes a rational plan for preserving, as well as adding to the capital assets of the City.

### II. What is the difference between the Capital Improvement Program and the Capital Budget?

The first two years of the CIP is the approved Capital Budget. The Capital Budget consists of those capital projects which, through the Council meeting process and in accordance with State law, are biennially approved and funded. However, projects slated for subsequent years in the proposed CIP serve on a planning basis only, and do not receive ultimate spending authority until they are incorporated into a capital budget and approved by City Council.

### III. How is the Operating Budget Related to the Capital Budget?

The City of Daly City prepares a Capital Budget separate from the Operating Budget, yet the two are closely linked. The biennial Operating Budget provides for general municipal service delivery, including personnel service costs, supplies and other contractual services, and certain capital equipment. Revenues for the Operating Budget are derived primarily from recurring taxes, intergovernmental sources, and user fees. Appropriations to the annual Operating Budget are for a single fiscal year.

In contrast, the Capital Budget is a multi-year budget designed to expend monies which add to the physical assets of the City. Capital projects typically require expenditures which take place beyond a single fiscal year; funding with debt because of significant costs to be shared by current and future beneficiaries; systematic acquisition over an extended period of time in order to implement major operating systems or programs; and scheduled replacement or maintenance of specific elements of physical assets. Revenues for capital projects are most often derived from restricted funds such as gas tax, federal, state, and local grants (when available), some General Fund monies, and sometimes, from the sale of municipal bonds (borrowing). For a complete list of revenue sources see page 5.

Notwithstanding the differences between the two, the Operating and Capital Budgets are closely interwoven inasmuch as operating costs related to capital projects need to be estimated and provided for in the Operating Budget. Many capital projects, such as projects to construct new buildings, have an impact on the operating costs of those facilities once opened. City practice is to attempt to project the net effect a capital project will have on the operating budget. Maintenance and repair costs may be lower in a new or remodeled facility, but it may cost more to run the larger facility as well. In addition, some capital projects are financed through municipal debt; repayment of that debt becomes part of the operating budget as well as the City's fiscal forecasting models. The necessity to incur some degree of debt in order to finance the Capital Improvement Program carries with it the burden to effectively manage that debt within the City's financial resources.

#### **IV. Why do we need a CIP?**

The CIP provides a means of coordinating and centralizing the capital project requests of various departments and agencies, thus eliminating wasteful overlap, duplication, and delay. It focuses attention on the City of Daly City's goals and financial capability by comprehensively considering not only what capital projects the City of Daly City needs, but equally as important, what it can afford. Additionally, the formalized process allows more time for the study of projects, encourages public discussion of proposed undertakings, and allows City residents the opportunity to provide input, advice and recommendations with respect to proposed projects and expenditures.

##### **I. Relationship of Public Facility Fees to the CIP**

Needed public facility and infrastructure improvements identified in AB1600 studies are incorporated into the City's Capital Improvement Plan in the form of specific capital projects. The projects identified are based on the need for new public facilities triggered from new development. These projects are segregated as "Public Facility Fees," which are fees collected from developers or owners who construct new projects or additions/remodels to existing property.

##### **II. Defining Capital Assets and Capital Projects**

A CIP project or asset is generally defined with the following characteristics:

- A capital asset is a new or rehabilitated asset that is of a non-recurring nature, has a useful life of at least ten (10) years or extends the useful life of an existing asset by five years or more, and is of significant value. Examples include the purchase of asset management software and the annual street slurry seal project because it extends the life of a street by five (5) to seven (7) years.
- Capital projects undertaken to acquire capital assets are differentiated from ordinary repairs or maintenance of a recurring nature. Examples of capital projects include land acquisitions, construction or major improvements to public buildings, road construction, the acquisition of large equipment, and the acquisition of software with a higher level of significance.
- A capital project is any one or a combination of major maintenance or alteration to a City facility or City infrastructure costing more than \$50,000, equipment purchases over \$10,000 (not including fleet maintenance and purchase), and any design and/or construction of a remodeled or new facility.
- Projects submitted must exceed these thresholds in value to qualify for inclusion in the *City of Daly City's Capital Program*.
- Fleet maintenance and purchase, as well as small equipment and tools valued under \$10,000 and assets that are recurring in nature, are considered capital expenditures within the Operations Budget. If the budget request is approved, the requesting department would see the revenue reflected in their Operations Budget.

##### **III. CIP Maintenance and Operating Costs**

CIP projects, as approved by the City Council, shall have a funding plan for maintenance and operating costs identified in the project description. These costs will be included in the City's long-term financial planning.

#### **IV. Preserve Existing Capital Infrastructure Before Building New Facilities**

The City's policy is to ensure that adequate resources are allocated to preserve the City's existing infrastructure before targeting resources toward building new facilities that also have maintenance obligations. This policy addresses the need to protect the City's historical investment in capital facilities and to avoid embarking on a facility enhancement program which, together with the existing facilities, the City cannot afford to adequately maintain.

#### **V. New Facilities Should be of High Quality, Low Maintenance, Least Cost**

The intent of this policy is to guide the development and execution of the CIP Plan through an emphasis on lowest life-cycle cost. Projects should only be built if the necessary funding to operate them is provided. Also, priority is given to remodeled or new facilities that have minimal ongoing maintenance costs so as to limit the impact upon both the CIP and the operating budget.

#### **VI. Balanced CIP Plan and Fund Balance**

The CIP Plan is a balanced two-year plan. This means that for the entire two-year period, revenues will be equal to project expenditures in the plan. The fund balance policy is in keeping with the General Fund reserve policy and strives to maintain a CIP fund balance of approximately 15 percent or higher of total expenditures.

#### **VII. Pay-As-You-Go**

The City prefers to fund capital projects through pay-as-you-go financing (Paygo). Capital projects are not funded with borrowed money or new revenues, but by saving usually from unspent General Fund surplus or other fund balances. These savings are categorized as "one-time" revenue and are well suited for one-time capital investments.

#### **VIII. Use of Debt in the CIP**

The CIP is viewed as a long-term program that will continually address capital requirements far into the future. As such, the use of long-term debt or Certificates of Participation (COPs) should be minimized. There may be exceptions to this policy for extraordinary circumstances, where voted or non-voted long-term debt must be issued to achieve major City goals that otherwise could not be achieved, or would have to wait an unacceptably long time. Issuance of long-term debt must receive City Council authorization.

### **CAPITAL PROJECT CRITERIA**

The following criteria are intended to be used when identifying projects for the Capital Improvement Program. Given the City's limited financial resources, projects addressing multiple criteria will have a competitive advantage over projects meeting single criteria. These are not in any particular order or weighted.

<b>Council or Community Priority</b>	The Council or public may have expressed a desire for a project through a master planning process or some other outreach process. Ex: the community may have identified a project, such as streetlight or play structure replacement as a high priority.
<b>Dedicated Funds</b>	Some projects have dedicated or grant funding sources that can only be used for specific capital investments. Ex: stormwater projects or housing projects tend to fit into this category.
<b>Economic Benefit</b>	A project may help to leverage the private investment of an area. Ex: funding undergrounding of streetlights could improve the aesthetics of a business district as well as upgrade the infrastructure.
<b>Efficiency</b>	Projects which substantially improve the quality of service while at the same time reduce operating cost, or eliminate obsolete and inefficient facilities or equipment. Ex: implementing a new software system could streamline a process, save time and improve customer service.
<b>General Plan / Impact Mitigation</b>	Having alignment and consistency with the City's General Plan is important. In addition, projects may need to address mitigation for either private or public investments. Ex: replacing a four-way stop with a traffic signal or improving signalization.
<b>Legal</b>	State or federal mandates or regulatory requirements may require that a particular project be implemented. Ex: installing curb ramps as part of street overlay projects.
<b>Need</b>	The project should alleviate identified problems/deficiencies and/or address growing demands. Ex: community center is obsolete and needs to be expanded, renovated or reconstructed to meet demand.
<b>Preserve Assets</b>	Some projects may focus on preventive maintenance versus corrective or deferred maintenance, which would preserve and maintain the asset as well as reduce or eliminate future replacement costs. Ex: slurry seal projects are intended to expand the lifecycle of a street.
<b>Safety</b>	The benefit to the environment, safety or public health of the community should be evaluated. Ex: streets with documented evidence of safety hazards should be given higher priority treatment.

## **FUND DESCRIPTIONS & SOURCES**

The City's Capital Improvement Program includes four capital funds, including:

### **I. Streets/Traffic Fund (Fund 17)**

These projects are categorized into annual programs (i.e., sidewalk repairs), pavement maintenance projects, traffic control projects (i.e., traffic upgrades), and other projects, which includes significant roadway improvements. These projects are largely funded by Gas Tax and Measure A funds, as well as federal transportation funds and various state grants.

### **II. General Capital Fund (Funds 31 & 33)**

In the General Capital fund projects include buildings and facilities such as libraries and parks and are generally categorized by the department receiving the upgrades and improvements. Funding for these projects is primarily from the General Fund from one-time funds, and includes developer and park-in-lieu fees with restricted use.

### **III. Water Utility Fund (Fund 41)**

Projects in the Water Utility Fund are categorized into annual programs (i.e., fire flow improvements), system improvements/operations (i.e., upgrades and improvements), and master plan projects. These projects are funded through the water utility rates.

### **IV. Sanitation Fund (Fund 87)**

Projects in the Sanitation Fund are categorized into annual programs (i.e., storm and sewer repair) and system improvements/operations (i.e., upgrades and improvements) and are funded by the North San Mateo County Sanitation District through sewer service charges.

**FUND SOURCES**

The following table summarizes all of the revenue sources for the CIP. Most of the revenues are restricted; the only discretionary fund is the General Fund.

<b>Funding Sources</b>	<b>Uses</b>	<b>Primary Source of Funds</b>
<b>General CIP Fund</b>	Capital Projects	General Fund
<b>Measure A</b>	Street resurfacing, transportation projects	One-half cent sales tax
<b>Gas Tax</b>	Street, traffic signal, and some median maintenance	State gasoline tax
<b>Measure M</b>	Pavement maintenance projects	Vehicle registration in San Mateo County
<b>Water Fund</b>	Improvements and repairs to the water distribution system, the maintenance of pump stations, wells and reservoirs, the acquisition of new equipment and construction of new facilities as required.	Water rates
<b>Fees</b>		
<b>a. Public Facilities Fee</b>	Construction of new public buildings or the addition to or major renovation of existing buildings and recreation facilities.	Developer impact fees
<b>b. Public, Education, Governmental Access Fee (PEG)</b>	Reserved for cable, broadcasting equipment	Cable provider fees
<b>c. Solid Waste Franchise Fee</b>	Dedicated for solid waste/diversion activities	Solid waste provider fees
<b>Sanitation District</b>	Improvements and repairs to sewer mains, the maintenance of sewage lift stations, maintenance of Wastewater Treatment Plant, acquisition of new equipment and construction of new facilities as required.	North San Mateo County Sanitation District, a subsidiary district of the City of Daly City
<b>Grants</b>	Varies depending on the requirements.	Federal, state, and local depending on availability

## **Funding Source and Project Cost Summaries**

### **General Information**

The following two tables summarize the various funds used in the preparation of the Capital Improvement Plan (CIP) and the total project cost for all projects in the plan irrespective of funding source.

### **Funding Summary Table**

The Fund Summary table provides an overview of all funding sources utilized in the preparation of the CIP. This table provides the current fund balance for each of the funding sources at the time of the plan adoption by the City Council. Projections of future year-end fund balances are also provided based on project expenditures and projects of fund revenues. For each fund, revenues over the life of the plan are projected based on past revenue received, anticipated economic development, changes planned in state and federal laws that affect revenue, general economic forecasts and other factors. Projected revenues are balanced with known or projected project expenditures to identify potential funding shortfalls in the outer years of the then year planning period. For example, the Transportation fund 17 is projected to be in a deficit by 2021 if additional revenue is not realized beyond projections or planned expenditures must be curtailed.

### **Project Summary Table**

The Project Summary table provides an overview of all projects approved for funding in the current plan as well as all projects anticipated within the planning period. The total cost of each project is shown but, not the funding sources that finance the individual projects. Many projects are funded utilizing more than one funding source, therefore project funding details are provided on the project detail sheets included in the major project categories within the plan. This table provides a summary of the overall scope of the CIP both in number of projects, projects types and total funds involved.

**CITY OF DALY CITY**

**CIP PROPOSALS WORKBOOK - FUND BALANCES, FISCAL YEAR END**

FUND SOURCE	TYPE	BEG. BALANCE	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E
<b>1-TRANSPORTATION (FUND 17)</b>												
GAS TAX	REVENUES											
	APPROPRIATIONS											
	ENDING BALANCE	-	-	-	-	-	-	-	-	-	-	-
	MEASURE A	REVENUES	5,218,829		1,900,000	1,900,000	1,900,000	1,900,000	1,900,000	1,900,000	1,900,000	1,900,000
	APPROPRIATIONS			3,298,000	2,542,000	3,314,000	2,766,000	3,194,000	2,759,000	2,816,000	3,008,000	2,980,000
	ENDING BALANCE	5,218,829	5,218,829	3,820,829	3,178,829	1,764,829	898,829	(395,171)	(1,254,171)	(2,170,171)	(3,278,171)	(4,358,171)
MEASURE M	REVENUES	300,000		300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
	APPROPRIATIONS			300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
	ENDING BALANCE	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
SUBTOTAL	REVENUES	5,518,829		2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000
	APPROPRIATIONS			3,598,000	2,842,000	3,614,000	3,066,000	3,494,000	3,059,000	3,116,000	3,308,000	3,280,000
	ENDING BALANCE	5,518,829	5,518,829	4,120,829	3,478,829	2,064,829	1,198,829	(95,171)	(954,171)	(1,870,171)	(2,978,171)	(4,058,171)
<b>2-WATER (FUND 41)</b>												
WATER FUND	REVENUES			2,522,670	3,265,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
	APPROPRIATIONS			2,522,670	3,265,000	3,359,690	2,767,100	2,729,461	1,796,590	1,296,195	1,295,830	100,000
	ENDING BALANCE	-	-	-	-	(1,359,690)	(2,126,790)	(2,856,251)	(2,652,841)	(1,949,036)	(1,244,866)	655,134
<b>3-SANITATION (FUND 87)</b>												
SANITATION DISTRICT	REVENUES		42,000	4,483,500	3,396,000	4,500,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
	APPROPRIATIONS		42,000	4,483,500	3,396,000	4,821,690	4,083,000	4,083,000	4,193,000	3,821,375	4,819,740	4,776,640
	ENDING BALANCE	-	-	-	-	(321,690)	(404,690)	(487,690)	(680,690)	(502,065)	(1,321,805)	(2,098,445)
<b>4-GENERAL (FUND 43)</b>												
CIVIC CENTER FUND	REVENUES	2,655,149										
	APPROPRIATIONS		270,000	445,000	175,000			294,000			240,000	
	ENDING BALANCE	2,655,149	2,385,149	1,940,149	1,765,149	1,765,149	1,765,149	1,471,149	1,471,149	1,471,149	1,231,149	1,231,149
<b>5-GENERAL (FUND 31/33)</b>												
GENERAL CIP FUND	REVENUES	13,520,479										
	APPROPRIATIONS			1,582,000	1,265,000	1,932,000	967,000	528,000	854,000	49,000		366,000
	ENDING BALANCE	13,520,479	13,520,479	11,938,479	10,673,479	8,741,479	7,774,479	7,246,479	6,392,479	6,343,479	6,343,479	5,977,479
UNKNOWN SOURCE	REVENUES											
	APPROPRIATIONS			348,000	211,000	190,000	525,000		150,000			200,000
	ENDING BALANCE	-	-	(348,000)	(559,000)	(749,000)	(1,274,000)	(1,274,000)	(1,424,000)	(1,424,000)	(1,424,000)	(1,624,000)
SUBTOTAL	REVENUES	13,520,479										
	APPROPRIATIONS			1,930,000	1,476,000	2,122,000	1,492,000	528,000	1,004,000	49,000		566,000
	ENDING BALANCE	13,520,479	13,520,479	11,590,479	10,114,479	7,992,479	6,500,479	5,972,479	4,968,479	4,919,479	4,919,479	4,353,479
<b>6-GRANT</b>												
GRANT	REVENUES			826,500		1,923,000						
	APPROPRIATIONS			1,026,500		1,923,000						
	ENDING BALANCE	-	-	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)
<b>7-FEE</b>												
STORMWATER FEE	REVENUES											
	APPROPRIATIONS											
	ENDING BALANCE	-	-	-	-	-	-	-	-	-	-	-
PARK LAND DEDICATION FEE	REVENUES		3,977,600	701,134								
	APPROPRIATIONS		1,332,000	350,000	150,000	980,000						
	ENDING BALANCE	-	2,645,600	2,996,734	2,846,734	1,866,734	1,866,734	1,866,734	1,866,734	1,866,734	1,866,734	1,866,734
SOLID WASTE FRANCHISE FEE	REVENUES			400,000	416,000	432,640	449,946	467,943	486,661	506,128	526,373	547,428
	APPROPRIATIONS			416,000	309,000	450,000	263,000	487,000	506,000	526,000	305,000	569,000
	ENDING BALANCE	-	-	(16,000)	91,000	73,640	260,586	241,529	222,190	202,318	423,691	402,118
PEG FEE	REVENUES											
	APPROPRIATIONS											
	ENDING BALANCE	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	REVENUES		3,977,600	1,101,134	416,000	432,640	449,946	467,943	486,661	506,128	526,373	547,428
	APPROPRIATIONS		1,332,000	766,000	459,000	1,430,000	263,000	487,000	506,000	526,000	305,000	569,000
	ENDING BALANCE	-	2,645,600	2,980,734	2,937,734	1,940,374	2,127,320	2,108,263	2,088,924	2,069,052	2,290,425	2,268,852

CITY OF DALY CITY

CIP PROPOSALS WORKBOOK - FUND BALANCES, FISCAL YEAR END

FUND SOURCE	TYPE	BEG. BALANCE	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E
<b>8-DEVELOPER FEE (FUND 20)</b>												
AB1600-FIRE	REVENUES	(744,337)	15,452	66,792	152,190	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
	ENDING BALANCE	(744,337)	(728,885)	(662,093)	(509,903)	(499,903)	(489,903)	(479,903)	(469,903)	(459,903)	(449,903)	(439,903)
AB1600-LIBRARY	REVENUES	(275,344)	63,663	-	645,251	50,000	50,000	50,000	50,000	50,000	50,000	50,000
	APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
	ENDING BALANCE	(275,344)	(211,681)	(211,681)	433,570	483,570	533,570	583,570	633,570	683,570	733,570	783,570
AB1600-POLICE	REVENUES	288,344	64,067	113,453	648,972	50,000	50,000	50,000	50,000	50,000	50,000	50,000
	APPROPRIATIONS	-	-	270,000	-	-	-	-	-	-	-	-
	ENDING BALANCE	288,344	352,411	195,864	844,836	894,836	944,836	994,836	1,044,836	1,094,836	1,144,836	1,194,836
AB1600-PARKS	REVENUES	(2,252,016)	84,884	-	856,707	65,000	65,000	65,000	65,000	65,000	65,000	65,000
	APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
	ENDING BALANCE	(2,252,016)	(2,167,132)	(2,167,132)	(1,310,425)	(1,245,425)	(1,180,425)	(1,115,425)	(1,050,425)	(985,425)	(920,425)	(855,425)
AB1600-TRANSPORTATION	REVENUES	3,874,414	126,572	312,065	1,088,843	100,000	100,000	100,000	100,000	100,000	100,000	100,000
	APPROPRIATIONS	-	465,000	169,500	1,303,000	428,000	525,000	915,000	435,000	250,000	-	-
	ENDING BALANCE	3,874,414	3,535,986	3,678,551	3,464,394	3,136,394	2,711,394	1,896,394	1,561,394	1,411,394	1,511,394	1,611,394
AB1600-STORMWATER	REVENUES	1,128,296	116,896	214,866	1,483,884	75,000	75,000	75,000	75,000	75,000	75,000	75,000
	APPROPRIATIONS	-	-	65,000	-	-	-	-	-	-	-	-
	ENDING BALANCE	1,128,296	1,245,192	1,395,058	2,878,942	2,953,942	3,028,942	3,103,942	3,178,942	3,253,942	3,328,942	3,403,942
AB1600-SEWER	REVENUES	53,630	200	-	-	-	-	-	-	-	-	-
	APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
	ENDING BALANCE	53,630	53,830	53,830	53,830	53,830	53,830	53,830	53,830	53,830	53,830	53,830
AB1600-WATER	REVENUES	2,466,564	47,324	26,970	407,770	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
	ENDING BALANCE	2,466,564	2,513,888	2,540,858	2,948,628	2,953,628	2,958,628	2,963,628	2,968,628	2,973,628	2,978,628	2,983,628
AB1600-ADMINISTRATION/CITYWIDE	REVENUES	(302,927)	24,771	-	-	-	-	-	-	-	-	-
	APPROPRIATIONS	-	-	-	-	-	-	-	-	-	-	-
	ENDING BALANCE	(302,927)	(278,156)	(278,156)	(278,156)	(278,156)	(278,156)	(278,156)	(278,156)	(278,156)	(278,156)	(278,156)
SUBTOTAL	REVENUES	4,236,624	4,315,453	4,545,099	8,525,716	8,452,716	8,282,716	7,722,716	7,642,716	7,747,716	8,102,716	8,457,716
	APPROPRIATIONS	-	465,000	504,500	1,303,000	428,000	525,000	915,000	435,000	250,000	-	-
	ENDING BALANCE	4,236,624	4,315,453	4,545,099	8,525,716	8,452,716	8,282,716	7,722,716	7,642,716	7,747,716	8,102,716	8,457,716
<b>9-ASSESSMENT DISTRICT</b>												
ASSESSMENT DISTRICT	REVENUES	-	-	826,500	-	1,923,000	-	-	-	-	-	-
	APPROPRIATIONS	-	-	-	-	-	-	105,000	797,000	740,000	1,640,000	1,480,000
	ENDING BALANCE	-	-	826,500	826,500	2,749,500	2,749,500	2,644,500	1,847,500	1,107,500	(532,500)	(2,012,500)
<b>TOTAL - ALL FUNDS</b>												
	REVENUES	25,931,081	4,563,429	12,694,450	14,560,617	13,333,640	9,004,946	9,022,943	9,041,661	9,061,128	9,081,373	9,102,428
	APPROPRIATIONS	-	2,109,000	15,276,170	12,916,000	17,698,380	12,196,100	12,635,461	11,790,590	9,798,570	11,608,570	10,771,640
	ENDING BALANCE	25,931,081	28,385,510	25,803,790	27,448,407	23,083,667	19,892,512	16,279,995	13,531,066	12,793,624	10,266,426	8,597,214
<i>ENDING BALANCE DELTA S/B ZERO (FROM ABOVE) &gt;</i>												
<i>TOTAL EXPENDITURES FROM PROPOSED PROJECTS &gt;</i>												
	DELTA S/B ZERO >	-	-	-	-	-	-	-	-	-	-	-
	TOTAL DELTA S/B ZERO >	-	1,839,000	9,871,000	8,354,000	12,198,000	7,321,600	8,078,135	8,056,590	9,798,570	11,608,570	10,771,640
		-	(270,000)	(5,405,170)	(4,562,000)	(5,500,380)	(4,874,500)	(4,557,326)	(3,734,000)	-	-	-
		-	(270,000)	(5,405,170)	(4,562,000)	(5,500,380)	(4,874,500)	(4,557,326)	(3,734,000)	-	-	-

**PROJECT SUMMARY SHEET - GENERAL CAPITAL PROGRAM**

Page No.	Project No.	PROJECT NAME	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>Buildings &amp; Facilities</b>													
G-8	31-313-582	2017-18 Parking Lot Improvements	-	-	280,000	-	-	-	-	-	-	-	280,000
G-9	FUT	2018-19 Parking Lot Improvements	-	-	-	277,000	-	-	-	-	-	-	277,000
G-10	FUT	2019-20 Parking Lot Improvements	-	-	-	-	135,000	-	-	-	-	-	135,000
G-19	FUT	Baysshore Community Center Exterior Painting	-	-	-	-	-	70,000	-	-	-	-	70,000
G-3	31-313-513	Building and Facilities Assessment	-	175,000	-	-	-	-	-	-	-	-	175,000
G-20	FUT	Civic Center Emergency Generator Replacement	-	-	-	-	-	294,000	-	-	-	-	294,000
G-4	31-313-503	Civic Center North ADA Improvements	-	200,000	-	-	-	-	-	-	-	-	200,000
G-5	31-313-504	Civic Center North Elevator Control Modernization	-	130,000	-	-	-	-	-	-	-	-	130,000
G-6	31-313-505	Civic Center North HVAC Control Modernization	-	115,000	-	-	-	-	-	-	-	-	115,000
G-11	31-313-506	Civic Center North Roof Replacement	-	-	175,000	-	-	-	-	-	-	-	175,000
G-1	31-312-563	Civic Center Roof & Gutter Rehab	-	-	-	-	-	-	-	-	-	-	-
G-25	FUT	Civic Center South Roof Replacement	-	-	-	-	-	-	-	-	240,000	-	240,000
G-14	FUT	Doelger Art Center Roof Replacement	-	-	-	210,000	-	-	-	-	-	-	210,000
G-15	FUT	Doelger Sr Center Roof Replacement	-	-	-	530,000	-	-	-	-	-	-	530,000
G-12	31-313-561	Fire Dept Emergency Generator Replacement	-	-	150,000	100,000	140,000	-	-	-	-	-	390,000
G-21	FUT	Fire Station 91 Roof Replacement	-	-	-	-	-	195,000	-	-	-	-	195,000
G-26	FUT	Fire Station 92 Roof Replacement	-	-	-	-	-	-	-	-	-	230,000	230,000
G-13	31-313-537	Fire Station 95 Roof Replacement	-	-	75,000	-	-	-	-	-	-	-	75,000
G-17	FUT	Lincoln Community Ctr Roof and HVAC System Replacement	-	-	-	-	315,000	-	-	-	-	-	315,000
G-22	FUT	Police Dept Carpet Replacement	-	-	-	-	-	155,000	-	-	-	-	155,000
G-27	FUT	Public Works Corp Yard - Facility Maintenance Roof Replacement	-	-	-	-	-	-	-	-	-	70,000	70,000
G-23	FUT	Serramonte Library HVAC Unit(s) Replacement	-	-	-	-	-	-	260,000	-	-	-	260,000
G-28	FUT	Serramonte Library Lighting and Elevator	-	-	-	-	-	-	-	-	-	-	-
G-2	31-120-523	Serramonte Library Restroom and Entry Accessibility Upgrades	-	-	-	-	-	-	-	-	-	-	-
G-16	FUT	Westlake Gym and Community Ctr Roof Replacement	-	-	-	420,000	-	-	-	-	-	-	420,000
G-7	31-313-526	Westlake Library HVAC and Roof Replacement	-	45,000	470,000	-	-	-	-	-	-	-	515,000
G-18	FUT	Westmoor Park Clubhouse Roof Replacement	-	-	-	-	77,000	-	-	-	-	-	77,000
G-24	FUT	WWTP Underground Fuel Storage Tank Replacement	-	-	-	-	-	-	115,000	520,000	-	-	635,000
<b>Miscellaneous</b>													
G-29	55-035-473	Asset Management Software	-	200,000	-	-	-	-	-	-	-	-	200,000
G-30	17-312-609	Cooperative Project Development	-	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	522,000
G-31	51-315-451	Fuel Management Software System	-	-	215,000	-	-	-	-	-	-	-	215,000
G-32	55-035-474	Information Technology Master Plan	-	75,000	-	-	-	-	-	-	-	-	75,000
<b>Mussel Rock</b>													
G-33	31-310-550	2016-17 and 2017-18 Mussel Rock Site Monitoring	-	235,000	-	-	-	-	-	-	-	-	235,000
G-33	31-310-550	2018-19 and 2019-20 Mussel Rock Site Monitoring	-	-	-	250,000	-	-	-	-	-	-	250,000
G-33	FUT	2020-21 and Beyond Mussel Rock Site Monitoring	-	-	-	-	-	265,000	-	280,000	-	300,000	845,000
G-34	31-310-550	2016-17 Mussel Rock Landfill Site Maintenance	-	903,000	-	-	-	-	-	-	-	-	903,000
G-34	31-310-550	2017-18 Mussel Rock Landfill Site Maintenance	-	40,000	193,000	-	-	-	-	-	-	-	233,000
G-34	31-310-550	2018-19 Mussel Rock Landfill Site Maintenance	-	-	40,000	205,000	-	-	-	-	-	-	245,000
G-34	FUT	2019-20 Mussel Rock Landfill Site Maintenance	-	-	-	50,000	213,000	-	-	-	-	-	263,000
G-34	FUT	2020-21 Mussel Rock Landfill Site Maintenance	-	-	-	-	50,000	230,000	-	-	-	-	280,000
G-34	FUT	Beyond 2021 Mussel Rock Landfill Site Maintenance	-	-	-	-	-	100,000	1,100,000	295,000	305,000	335,000	2,135,000
G-35	31-310-552	Mussel Rock Access and Amenities Improvements	-	-	-	-	-	-	-	-	-	-	-
G-36	31-310-NEW	Gabion Wall Screening Mussel Rock	-	-	76,000	340,000	-	-	-	-	-	-	416,000
G-36	31-310-553	Mussel Rock Transfer Station Decommissioning	-	400,000	-	-	-	-	-	-	-	-	400,000
<b>Parks</b>													
G-37	31-317-542	Alta Loma Park Renovation	-	200,000	150,000	-	-	-	-	-	-	-	350,000
G-38	FUT	Gellert Park Playground Rehabilitation	-	-	-	275,000	-	-	-	-	-	-	275,000
G-39	31-312-555	Gellert Park Soccer Field Rehab	1,332,000	-	-	-	-	-	-	-	-	-	1,332,000
G-40	31-317-562	Parks Master Plan	-	350,000	-	-	-	-	-	-	-	-	350,000
G-41	FUT	Tennis and Basketball Court Surface Rehabilitation	-	-	-	430,000	-	-	-	-	-	-	430,000
G-42	FUT	Westmoor Park Play Equipment Rehabilitation	-	-	-	275,000	-	-	-	-	-	-	275,000

**PROJECT SUMMARY SHEET - GENERAL CAPITAL PROGRAM**

Page No.	Project No.	PROJECT NAME	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>Police</b>													
G-43	FUT	Archiving of Police Documents	-	-	-	-	125,000	-	-	-	-	-	125,000
G-44	FUT	Automated Property Storage System	-	-	-	190,000	-	-	-	-	-	-	190,000
G-45	31-200-530	Communications Center Radio Upgrade	-	-	250,000	-	-	-	-	-	-	-	250,000
G-46	31-200-594	Department Operations Center	-	-	125,000	-	-	-	-	-	-	-	125,000
G-47	FUT	Furniture/Workstation Replacement at Police	-	-	-	-	-	-	150,000	-	-	-	150,000
G-48	31-200-596	Long Term Vehicle Storage	-	220,000	-	-	-	-	-	-	-	-	220,000
G-49	FUT	Mobile Command Center	-	-	-	-	400,000	-	-	-	-	-	400,000
G-50	FUT	Police Base Station Upgrade	-	-	-	-	300,000	-	-	-	-	-	300,000
G-51	31-200-595	Police Dept Locker Room Remodel	270,000	270,000	-	-	-	-	-	-	-	-	540,000
G-52	31-200-591	Police Shooting Range	-	-	-	-	-	-	-	-	-	-	-
G-53	FUT	Station/Finance Department Video Surveillance	-	-	-	-	-	-	-	-	-	200,000	200,000

**PROJECT SUMMARY SHEET - TRANSPORTATION PROGRAM**

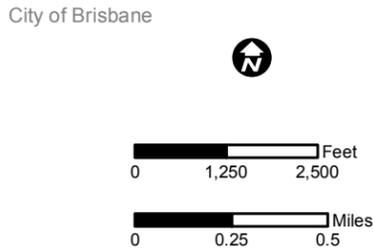
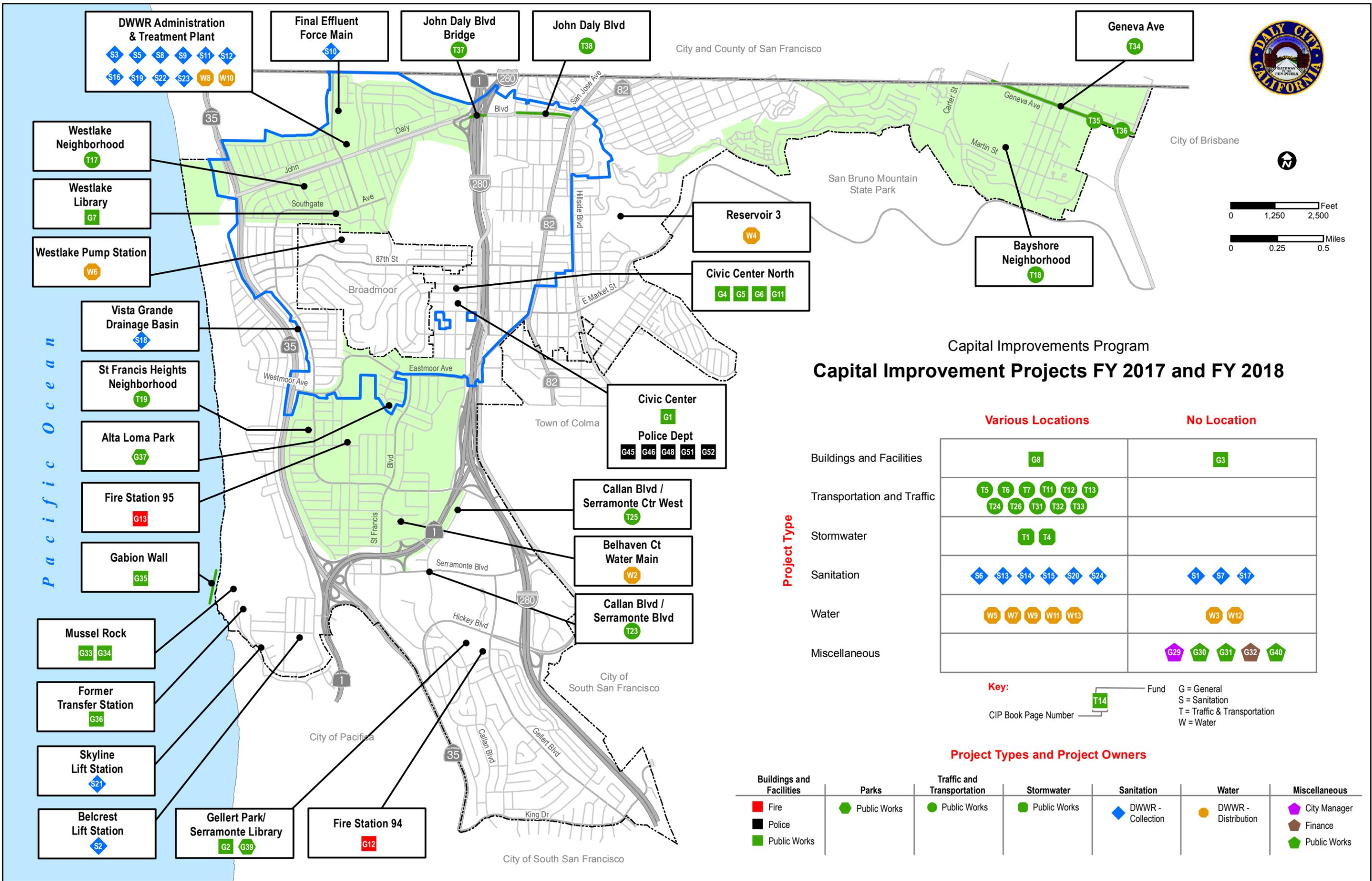
Page No.	Project No.	PROJECT NAME	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>Stormwater</b>													
T-1	87-920-811	2016-17 MRP Trash Capture Program	42,000	374,000	-	-	-	-	-	-	-	-	416,000
T-2	FUT	2018-19 Avalon Canyon Site Maintenance	-	-	-	315,000	-	-	-	-	-	-	315,000
T-3	FUT	Beyond 2020 Avalon Canyon Site Maintenance	-	-	-	-	-	100,000	-	-	120,000	-	220,000
T-4	31-312-626	Stormdrain Video Inspection	-	65,000	-	-	-	-	-	-	-	-	65,000
<b>Traffic/Transportation</b>													
<b>Annual ADA/Sidewalk Improvements</b>													
T-5	17-314-601	2016-17 ADA/Sidewalk Improvements	-	115,000	-	-	-	-	-	-	-	-	115,000
T-6	17-312-601	2017-18 ADA/Sidewalk Improvements	-	15,000	105,000	-	-	-	-	-	-	-	120,000
T-7	17-312-601	2018-19 ADA/Sidewalk Improvements	-	-	15,000	110,000	-	-	-	-	-	-	125,000
T-8	FUT	2019-20 ADA/Sidewalk Improvements	-	-	-	15,000	115,000	-	-	-	-	-	130,000
T-9	FUT	2020-21 ADA/Sidewalk Improvements	-	-	-	-	15,000	120,000	-	-	-	-	135,000
T-10	FUT	Beyond 2021 ADA/Sidewalk Improvements	-	-	-	-	-	15,000	135,000	140,000	145,000	150,000	585,000
<b>Annual Pavement Rehabilitation</b>													
T-11	17-312-659	JSB/Geneva/San Pedro Pavement Rehab	-	2,150,000	-	-	-	-	-	-	-	-	2,150,000
T-12	NEW	2017-18 Street Resurfacing	-	155,000	1,210,000	-	-	-	-	-	-	-	1,365,000
T-13	NEW	2018-19 Street Resurfacing	-	-	155,000	1,560,000	-	-	-	-	-	-	1,715,000
T-14	FUT	2019-20 Street Resurfacing	-	-	-	155,000	1,650,000	-	-	-	-	-	1,805,000
T-15	FUT	2020-21 Street Resurfacing	-	-	-	-	160,000	1,800,000	-	-	-	-	1,960,000
T-16	FUT	Beyond 2021 Street Resurfacing	-	-	-	-	-	165,000	1,770,000	1,810,000	1,865,000	1,935,000	7,545,000
<b>Annual Pavement Preventative Maintenance</b>													
T-17	17-312-621	Westlake Street Slurry Seal	-	1,145,000	-	-	-	-	-	-	-	-	1,145,000
T-18	17-312-631	Bayshore Street Slurry Seal	-	45,000	1,155,000	-	-	-	-	-	-	-	1,200,000
T-19	17-312-629	St Francis Heights Street Slurry Seal	-	-	45,000	1,165,000	-	-	-	-	-	-	1,210,000
T-20	FUT	Crocker/Hillside Street Slurry Seal	-	-	-	45,000	1,175,000	-	-	-	-	-	1,220,000
T-21	FUT	Original Daly City/Civic Center Street Slurry Seal	-	-	-	-	45,000	1,341,000	-	-	-	-	1,386,000
T-22	FUT	Beyond 2021 Street Slurry Seal	-	-	-	-	-	45,000	1,244,000	1,254,000	1,264,000	1,279,000	5,086,000
<b>Traffic Signals</b>													
T-23	17-312-679	Callan Blvd/Serramonte Blvd Traffic Signal Installation	465,000	-	-	-	-	-	-	-	-	-	465,000
T-24	17-312-642	Centralized Controller / Battery Back-up Traffic Signal	-	82,000	828,000	-	-	-	-	250,000	-	-	1,160,000
T-25	17-312-640	Callan Blvd/Serramonte Center Driveway Traffic Signal Installation	-	-	450,000	-	-	-	-	-	-	-	450,000
T-26	17-312-647	Emergency Vehicle Preemption	-	-	25,000	330,000	-	-	-	-	-	-	355,000
T-27	FUT	Lake Merced Blvd/Southgate Ave Traffic Signal Installation	-	-	-	45,000	435,000	-	-	-	-	-	480,000
T-28	FUT	Southgate Ave/Callan Blvd Traffic Signal Installation	-	-	-	-	45,000	435,000	-	-	-	-	480,000
T-29	FUT	Clarinada Ave/SR 1 On/Off Ramps Traffic Signal Installation	-	-	-	-	45,000	435,000	-	-	-	-	480,000
T-30	FUT	Serramonte Blvd/SR 1-On/Off Ramps Traffic Signal Installation	-	-	-	-	-	45,000	435,000	-	-	-	480,000
<b>Improvements</b>													
T-31	17-312-664	Bicycle and Pedestrian Master Plan	-	300,000	-	-	-	-	-	-	-	-	300,000
T-32	17-312-638	Central Corridor Bike/Ped Improvements	-	300,000	-	1,976,000	-	-	-	-	-	-	2,276,000
T-33	17-312-637	Enhanced Pedestrian and Bicycle Visibility	-	375,000	-	-	-	-	-	-	-	-	375,000
T-34	17-312-644	Geneva Ave Lane Signs Replacement	-	-	10,000	40,000	-	-	-	-	-	-	50,000
T-35	17-312-628	Geneva Ave Streetlight Installation	-	-	-	-	-	-	-	-	-	-	-
T-36	17-312-630	Geneva Ave Undergrounding-Phase II	-	-	-	-	-	-	-	-	-	-	-
T-37	17-312-634	John Daly Blvd Bridge Lights Replacement	-	12,000	200,000	-	-	-	-	-	-	-	212,000
T-38	17-312-677	John Daly Blvd Streetscape Improvements	-	260,000	-	-	-	-	-	-	-	-	260,000
<b>Future Projects</b>													
T-39	FUT	RO 256 Palisades Streetlight Conversion	-	-	-	-	-	105,000	702,000	-	-	-	807,000
T-40	FUT	RO 406 St Francis Heights Streetlight Conversion	-	-	-	-	-	-	95,000	550,000	-	-	645,000
T-41	FUT	RO 450 Westlake Streetlight Conversion	-	-	-	-	-	-	-	95,000	690,000	-	785,000
T-42	FUT	RO 460 Northridge Streetlight Conversion	-	-	-	-	-	-	-	-	95,000	625,000	720,000
T-43	FUT	RO Streetlight Conversion	-	-	-	-	-	-	-	95,000	855,000	855,000	1,805,000
T-44	FUT	Crocker Avenue Sidewalk	-	-	-	-	-	-	-	-	-	-	-
T-45	FUT	Geneva Ave Streetscape	-	-	-	-	-	-	-	-	-	-	-
T-46	FUT	Hillside Blvd Reconstruction	-	-	-	-	-	-	-	-	-	-	-
T-47	FUT	John Daly Blvd/I-280 Overpass Widening/Foot Bridge	-	-	-	-	-	-	-	-	-	-	-
T-48	FUT	Junipero Serra/D Street Improvements	-	-	-	305,000	-	-	-	-	-	-	305,000
T-49	FUT	Mission St Grand Boulevard	-	-	-	-	-	-	-	-	-	-	-
T-51	FUT	N Mayfair Rte 35 Pedestrian Access	-	-	-	-	-	-	-	-	-	-	-
T-50	FUT	Mission St Median Landscaping	-	-	-	-	-	-	-	-	-	-	-

**PROJECT SUMMARY SHEET - WATER PROGRAM**

Page No.	Project No.	PROJECT NAME	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>Water</b>													
W-18	FUT	Brunswick I Water Main Improvements - Hillside to Crocker	-	-	-	-	-	-	554,055	-	-	-	554,055
W-19	FUT	Brunswick II Water Main Improvements - Crocker to Templeton	-	-	-	-	-	-	-	936,195	-	-	936,195
W15	FUT	Chester St. Water Main Improvements (Sylvan to Orange)	-	-	-	-	10,000	1,026,870	-	-	-	-	1,036,870
W-1	FUT	East Market St Water Main Improvements (Florence to Hillside)	-	-	-	-	-	33,265	451,535	-	-	-	484,800
W-2	NEW	Belhaven Court Water Main Rehab	-	650,000	-	-	-	-	-	-	-	-	650,000
W-3	41-385-710	Groundwater Management Plan	-	78,850	-	82,690	-	86,826	-	-	-	-	248,366
W-20	FUT	Hillside Blvd Water Main Improvements (Brunswick to Gambetta)	-	-	-	-	-	-	-	-	1,195,830	-	1,195,830
W-7	41-385-772	Hydropneumatic Tank Replacements	-	60,000	60,000	60,000	60,000	60,000	-	-	-	-	300,000
W-22	41-385-752	Main Rehabilitation/Improvements	-	-	-	800,000	720,000	730,000	100,000	-	-	-	2,350,000
W-8	41-385-701	Plant Improvements	-	175,000	175,000	175,000	175,000	175,000	175,000	-	-	-	1,050,000
W-16	FUT	Pointe Pacific Generator Replacement	-	-	-	-	500,000	-	-	-	-	-	500,000
W-4	41-385-773	Reservoir 3 Interior Rehabilitation	-	450,000	1,350,000	-	-	-	-	-	-	-	1,800,000
W-23	711	Reservoir 8 Interior Coatings	-	-	-	-	400,000	-	-	-	-	-	400,000
W-17	FUT	Reservoir 8 Retaining Wall	-	-	-	-	270,600	-	-	-	-	-	270,600
W-9	41-385-714	Reservoir Cast Iron Pipe Lining	-	300,000	300,000	300,000	300,000	285,000	-	-	-	-	1,485,000
W-14	NEW	San Diego, Santa Cruz, Guadalupe Main Replacement	-	-	1,062,000	-	-	-	-	-	-	-	1,062,000
W-10	41-385-766	SCADA System Upgrades	-	15,000	15,000	140,000	15,000	15,000	140,000	-	-	-	340,000
W-5	41-385-708	Seismic Improvements	-	316,820	-	-	-	-	-	-	-	-	316,820
W-11	41-385-617	Street Resurfacing Water Main	-	100,000	100,000	100,000	100,000	100,000	100,000	-	-	-	600,000
W-21	41-385-729	Valley St (County to Hillside)	-	-	-	1,486,000	-	-	-	-	-	-	1,486,000
W-12	41-385-879	Vehicle Upgrades	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
W-13	41-385-720	Well Rehabilitation	-	76,500	76,500	78,500	79,000	80,000	81,000	-	-	-	471,500
W-6	41-385-767	Westlake Electric	-	250,000	-	-	-	-	-	-	-	-	250,000

**PROJECT SUMMARY SHEET - SANITATION PROGRAM**

Page No.	Project No.	PROJECT NAME	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>Sanitation</b>													
S-25	87-920-986	Automatic Valves	-	-	-	-	-	-	140,000	-	-	-	140,000
S-23	87-920-861	Barscreen 3 Compactor Washer	-	-	-	470,000	-	-	-	-	-	-	470,000
S-2	87-920-821	Belcrest Lift Station Pump Control Panel Upgrade	-	60,000	-	-	-	-	-	-	-	-	60,000
S-1	87-920-834	CCTV Replacement Equipment and Software	-	225,000	-	-	-	-	-	-	-	-	225,000
S-35	87-920-824	Citrus Ave Sewer	-	-	-	-	-	-	-	-	-	-	-
S-26	87-920-990	Colma Lift Station Generator	-	-	-	-	-	-	325,000	-	-	-	325,000
S-24	87-920-832	D St, El Camino Real, 1st & 2nd Ave Sewer	-	-	-	-	-	-	-	-	-	-	-
S-27	87-920-983	Driox Vaporizor	-	-	-	-	-	-	275,000	-	-	-	275,000
S-33	FUT	Emergency Generator Replacement	-	-	-	-	-	-	-	-	-	688,900	688,900
S-28	87-920-985	Final Effluent Control System	-	-	-	-	-	-	150,000	-	-	-	150,000
S-30	FUT	I-280 Crossing Sewer Main Improvements - Southgate to Junipero Serra	-	-	-	-	-	-	-	3,151,375	-	-	3,151,375
S-34	87-920-823	Junipero Serra Blvd and Citrus Avenue SSMP Rehab	-	-	-	-	-	-	-	-	-	-	-
S-6	87-920-844	Lift Station Bypass Structures	-	60,000	60,000	60,000	60,000	60,000	-	-	-	-	300,000
S-19	87-920-845	Maintenance Building 1 HVAC Unit Replacement	-	-	75,000	-	-	-	-	-	-	-	75,000
S-20	NEW	Miriam and El Portal Sewer Main Improvements	-	-	1,166,000	-	-	-	-	-	-	-	1,166,000
S-7	87-920-812	Municipal Regional Permit	-	125,000	128,000	130,000	130,000	130,000	130,000	-	-	-	773,000
S-31	FUT	North Mayfair Sewer Main Improvements - Wilshire to Cliffside	-	-	-	-	-	-	-	-	3,677,740	3,677,740	7,355,480
S-3	87-920-994	OPS and Administration Roof Improvements	-	100,000	-	-	-	-	-	-	-	-	100,000
S-4	NEW	Park Plaza, Southgate, San Fernando Sewer Main Improvements	-	1,431,000	-	-	-	-	-	-	-	-	1,431,000
S-8	87-920-806	Plant Process Improvements	-	140,000	140,000	140,000	140,000	140,000	140,000	-	-	-	840,000
S-9	87-920-807	Plant Structure Improvements	-	78,000	78,000	78,000	78,000	78,000	78,000	-	-	-	468,000
S-10	87-920-953	Rehabilitation of 27 inch Final Effluent Force Main	-	250,000	300,000	300,000	300,000	300,000	-	-	-	-	1,450,000
S-11	87-920-766	SCADA System Upgrades	-	15,000	15,000	199,690	15,000	15,000	140,000	-	-	-	399,690
S-12	87-920-857	Secondary Clarifiers Coatings	-	84,000	84,000	84,000	-	-	-	-	-	-	252,000
S-13	87-920-802	Sewer Lift Station Rehab/Improvements	-	60,000	60,000	60,000	60,000	60,000	60,000	-	-	-	360,000
S-14	87-920-801	Sewer Main Rehab/Improvements	-	75,000	75,000	75,000	75,000	75,000	75,000	-	-	-	450,000
S-24	87-920-832	Sewer Main Repair	-	-	-	1,500,000	1,500,000	1,500,000	1,500,000	-	-	-	6,000,000
S-21	87-920-846	Skyline Lift Station Pump Control Panel Upgrade	-	-	60,000	-	-	-	-	-	-	-	60,000
S-29	FUT	SSMP Collection System Improvements	-	-	-	-	-	-	360,000	360,000	360,000	360,000	1,440,000
S-15	87-920-617	Street Resurfacing Water Mains	-	50,000	50,000	50,000	50,000	50,000	50,000	-	-	-	300,000
S-32	FUT	Tertiary Booster PS-John Daly Ext.	-	-	-	-	-	-	-	-	732,000	-	732,000
S-22	87-920-858	Treatment Plant Electrical Upgrade	-	-	182,500	182,500	182,500	182,500	-	-	-	-	730,000
S-16	87-920-847	Treatment Plant Air Scrubbers	-	75,000	-	625,000	625,000	625,000	625,000	-	-	-	2,575,000
S-5	87-920-848	Treatment Plant Roadway Hatches	-	120,000	-	-	-	-	-	-	-	-	120,000
S-17	87-920-803	Vehicle Upgrades	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
S-18	87-920-842	Vista Grande Drainage Basin	-	780,000	780,000	780,000	780,000	780,000	-	-	-	-	3,900,000



### Capital Improvements Program Capital Improvement Projects FY 2017 and FY 2018

Project Type	Various Locations	No Location
	Buildings and Facilities	G8
Transportation and Traffic	T5, T6, T7, T11, T12, T13, T24, T26, T31, T32, T33	
Stormwater	T1, T4	
Sanitation	S6, S13, S14, S15, S20, S24	S1, S7, S17
Water	W5, W7, W9, W11, W13	W3, W12
Miscellaneous		G29, G30, G31, G32, G40

**Key:**  
 Fund: G = General, S = Sanitation, T = Traffic & Transportation, W = Water  
 CIP Book Page Number: T14

#### Project Types and Project Owners

Buildings and Facilities	Parks	Traffic and Transportation	Stormwater	Sanitation	Water	Miscellaneous
Fire (Red square)	Public Works (Green pentagon)	Public Works (Green circle)	Public Works (Green circle)	DWWR - Collection (Blue diamond)	DWWR - Distribution (Orange circle)	City Manager (Purple pentagon), Finance (Brown pentagon), Public Works (Green pentagon)

## General Capital Program

The General Capital Improvement Program is dedicated to the repair, preservation and enhancement of general capital facilities and assets, such as municipal buildings, parks, libraries, and police and fire stations. In addition, it supports the ongoing maintenance of the closed Mussel Rock landfill site and transfer station.

As with other cities, the first priority is to preserve existing facilities and assets and ensure those existing facilities are safe and accessible to all Daly City residents and the public. Secondly, as funding becomes available the General Capital Program provides for additional or expanded facility capacity to serve a growing city population and meet the changing needs of Daly City residents.



**Fire Station 95: The outdated emergency generator was replaced with a safer, more efficient model capable of operating 8 times longer than the previous model.**

### *Funding Sources*

The main funding source for the General Capital Program is General Fund revenue, which is primarily derived from budget surpluses. These surpluses are generated when expenditures are less than projected revenues. This surplus is often categorized as “one-time” revenue and is not relied on to fund ongoing operations. This one-time revenue is ideal for capital projects.



**Norwood Park: The City leveraged local matching funds to secure a grant to rehabilitate the park and make it accessible.**

However, during economic downturns, as we have recently experienced, the City has had no excess General Fund revenue. In addition to budget surpluses, projects may be funded by developer impact fees collected for expanding or enhancing certain facilities such as parks and libraries, which are needed to serve a growing population. There are also one-time Park-in-Lieu Fees paid by private developers to specifically address park needs. Finally, City staff has been successful in securing grants for local parks. Minimal local matching funds were leveraged to secure a grant to rehabilitate outdated play structures, swings, and other park amenities at Norwood Park.

### *Overview of Projects*

Due to the limited availability of general capital funds, all of the projects in the FY2017-FY2018 General Capital Program address unavoidable facility maintenance and rehabilitation needs or regulatory requirements associated with facility accessibility or safety standards. Two examples

in the CIP include the reroofing of a fire station and the replacement of the artificial turf soccer field at Gellert Park. When possible, the City will leverage local funds to secure grants. The City hopes to rehabilitate Alta Loma Park utilizing substantial grant funding similar to Norwood Park.

There are several projects in the CIP that are dedicated to strategic planning and financial forecasting such as the Parks & Open Space Master Plan, Bicycle & Pedestrian Master Plan, Information Technology Master Plan, and the Building & Facilities Assessment. The Parks & Open Space Master Plan is funded by Park-In-Lieu Fees and is needed to guide the expenditure of parkland dedication funds that have been collected due to the recent activity in housing construction. The Bicycle & Pedestrian Master Plan is funded with transportation funds and will identify and prioritize bicycle and pedestrian improvements across the City. The Building and Facilities Assessment Plan is needed to assess and evaluate the City's buildings to better understand the maintenance needs of these facilities and guide the expenditure of limited funds for the greatest benefit to the City.



**Alta Loma Park: The City hopes to leverage local matching funds to secure a grant to make improvements. A Parks & Open Space Master Plan will provide guidance for future projects.**

## 563-Civic Center Roof and Gutter Rehab

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY 2016.  
 Repair spalling concrete within roof rain gutter system on upper and lower concrete roof decks. Resurface rain gutter systems and lower concrete roof sections.  
 No impact to operating budget.

**PROJECT JUSTIFICATION:**

To preserve the integrity of the roof and rain gutter system to prevent leaks into the occupied offices within City Hall. Project will reduce repair cost and potential cost of damage to ceiling and furnishings within City Hall.

563-Civic Center Roof and Gutter Rehab	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 523-Serramonte Library Restroom and Entry Accessibility Upgrades

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Continuing project from FY 2015.  
 Design and construction of improvements to Serramonte Library to improve and enhance public areas and access.  
 Project partially funded with a \$100,000 County Measure A Library grant.

### PROJECT JUSTIFICATION:

This project will address identified deficiencies in this facility and allow it to serve a growing City population.

523-Serramonte Library Restroom and Entry Accessibility Upgrades	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
--	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

### PROJECT EXPENDITURES:

<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

### REVENUE SOURCES:

AB1600-LIBRARY												-
												-
												-
												-
<b>OTHER SOURCES</b>												-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 513-Building and Facilities Assessment

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Determine the current condition of City owned structures, assess what current and future maintenance, repair, and/or upgrades might be required, determine the costs associated with maintenance, repair and upgrades, and evaluate current and potential revenue. The assessment will provide a detailed description of the current condition of each facility in regards to the architectural, structural, mechanical, electrical, and plumbing systems.

### PROJECT JUSTIFICATION:

A building and facilities assessment is needed to understand what current and future upgrades are likely to be required to assist the City in financial planning for maintenance of its building and facility stock.

513-Building and Facilities Assessment	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	175,000	-	-	-	-	-	-	-	-	175,000
IN-HOUSE SRV CHG DESIGN		25,000									
CONTRACTUAL SERVICES DESIGN		150,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	175,000	-	-	-	-	-	-	-	-	175,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND		175,000									175,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	175,000	-	-	-	-	-	-	-	-	175,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 503-Civic Center North ADA Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Retain professional services to prepare contract documents and construct accessibility improvements at Civic Center North (350 - 90th Street). The majority of work will involve correcting concrete and asphalt concrete slopes, but will also include improvements to the accessibility of the elevator and installation of new sliding glass doors.

**PROJECT JUSTIFICATION:**

The building currently does not meet current Americans with Disabilities Act (ADA) requirements. Prior to new tenant occupation, accessibility improvements are needed. The tenant is expected to reimburse the City for the incurred costs.

503-Civic Center North ADA Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	43,000	-	-	-	-	-	-	-	-	43,000
IN-HOUSE SRV CHG DESIGN		7,000									
CONTRACTUAL SERVICES DESIGN		34,000									
ADMINISTRATION DESIGN		2,000									
<b>2-CONSTRUCTION</b>	-	157,000	-	-	-	-	-	-	-	-	157,000
IN-HOUSE SRV CHG CONSTRUCTION		10,000									
CONTRACTUAL SERVICES CONSTRUCTION		147,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	200,000	-	-	-	-	-	-	-	-	200,000
<b>REVENUE SOURCES:</b>											
CIVIC CENTER FUND		200,000									200,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	200,000	-	-	-	-	-	-	-	-	200,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 504-Civic Center North Elevator Control Modernization

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace elevator controller which includes a modernization upgrade to comply with current building and fire codes, as well as ADA requirements.  
This project has no impact to the operating budget.

**PROJECT JUSTIFICATION:**

The elevator controller at Civic Center North is of obsolete design and any loss to the programming due to power surges, etc.... would create a situation where the elevator would be out of service pending a controller replacement / modernization upgrade. In the event, there is a loss to the elevator programming the facility would not have ADA access to the second and third floors for a minimum of 5 to 6 months.

504-Civic Center North Elevator Control Modernization	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	130,000	-	-	-	-	-	-	-	-	130,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		130,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	130,000	-	-	-	-	-	-	-	-	130,000
<b>REVENUE SOURCES:</b>											
CIVIC CENTER FUND		130,000									130,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	130,000	-	-	-	-	-	-	-	-	130,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 505-Civic Center North HVAC Control Modernization

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Upgrade obsolete components, software, and hardware of existing Carrier HVAC controls. Perform pre and post air balance of HVAC system. This project will create minimal impact to the operating budget. Increase cost will be for monthly internet service, static IP address.

### PROJECT JUSTIFICATION:

Components, software, and hardware of existing Carrier HVAC controls are obsolete and no longer available.

### 505-Civic Center North HVAC Control Modernization

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	5,000	-	-	-	-	-	-	-	-	5,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		5,000									
<b>2-CONSTRUCTION</b>	-	110,000	-	-	-	-	-	-	-	-	110,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		110,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	115,000	-	-	-	-	-	-	-	-	115,000

### REVENUE SOURCES:

CIVIC CENTER FUND		115,000									115,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	115,000	-	-	-	-	-	-	-	-	115,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	13,500
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	13,500

## 526-Westlake Library HVAC and Roof Replacement

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Replace four (4) antiquated and deteriorated HVAC air handlers with two (2) air handlers. Project will included the upgrade of HVAC controls and reconfiguration of air ducting. Structural engineering assessment is required to determine location of new air handlers.

Roof Replacement = \$160,000

HVAC Replacement (Including cost associated with structural improvements)= \$300,000

### PROJECT JUSTIFICATION:

The economizers that allow outside air into the HVAC system are deteriorated and nonfunctioning. Due to the location of the air handlers the economizer units cannot be accessed for maintenance or replacement.

### 526-Westlake Library HVAC and Roof Replacement

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	45,000	-	-	-	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN		10,000									
CONTRACTUAL SERVICES DESIGN		30,000									
ADMINISTRATION DESIGN		5,000									
<b>2-CONSTRUCTION</b>	-	-	470,000	-	-	-	-	-	-	-	470,000
IN-HOUSE SRV CHG CONSTRUCTION			10,000								
CONTRACTUAL SERVICES CONSTRUCTION			460,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	45,000	470,000	-	-	-	-	-	-	-	515,000

### REVENUE SOURCES:

GENERAL CIP FUND		45,000	470,000								515,000
											-
											-
											-
											-

### OTHER SOURCES

<b>TOTAL PROJECT REVENUES</b>	-	45,000	470,000	-	-	-	-	-	-	-	515,000
-------------------------------	---	--------	---------	---	---	---	---	---	---	---	---------

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 582-2017-18 Parking Lot Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This project includes base failure repair and slurry seal application of City owned parking lots. The project will also include minor striping changes and the construction on new accessible curb ramps. Parking lots to be slurry sealed include: Civic Center Complex, Civic Center North, Imagination Station, 92nd St PD Lot and inside the DWWRR Treatment Plant. There will be a positive impact on operations and the operating budget by reducing the amount of maintenance needed to ensure safe functioning parking lots free of tripping hazards.

### PROJECT JUSTIFICATION:

Parking lots will receive a slurry seal application to preserve the pavement's condition and thereby reduce long term pavement operations and maintenance costs.

582-2017-18 Parking Lot Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	25,000	-	-	-	-	-	-	-	25,000
IN-HOUSE SRV CHG DESIGN			23,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			2,000								
<b>2-CONSTRUCTION</b>	-	-	255,000	-	-	-	-	-	-	-	255,000
IN-HOUSE SRV CHG CONSTRUCTION			23,000								
CONTRACTUAL SERVICES CONSTRUCTION			230,000								
ADMINISTRATION CONSTRUCTION			2,000								
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	280,000	-	-	-	-	-	-	-	280,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND			230,000								230,000
SANITATION DISTRICT			25,000								25,000
WATER FUND			25,000								25,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	280,000	-	-	-	-	-	-	-	280,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-2018-19 Parking Lot Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This project includes base failure repair, slurry seal application and asphalt concrete (AC) overlay of City owned parking lots. The project will also include minor striping changes and the construction on new accessible curb ramps. Parking lots to be slurry sealed include: Public Works Corporation Yard, Bayview Heights Park, Lincoln Park, Teglia Community Center, War Memorial, Hillcrest City Parking, Bepler City and Gellert Park Parking. There will be a Positive impact on operations and the operating budget by reducing the amount of maintenance needed to ensure safe functioning parking lots and pavement surfaces free of tripping hazards.

### PROJECT JUSTIFICATION:

Pavement that has reached the end of its useful life and will receive an AC overlay. The remainder of the lots will receive a slurry seal application to preserve the pavement's condition and thereby reduce long term pavement operations and maintenance costs.

FUT-2018-19 Parking Lot Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	26,000	-	-	-	-	-	-	26,000
IN-HOUSE SRV CHG DESIGN				25,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				1,000							
<b>2-CONSTRUCTION</b>	-	-	-	251,000	-	-	-	-	-	-	251,000
IN-HOUSE SRV CHG CONSTRUCTION				25,000							
CONTRACTUAL SERVICES CONSTRUCTION				225,000							
ADMINISTRATION CONSTRUCTION				1,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	277,000	-	-	-	-	-	-	277,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND			-	277,000							277,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	277,000	-	-	-	-	-	-	277,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-2019-20 Parking Lot Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This project includes base failure repair, slurry seal application and asphalt concrete (AC) overlay of City owned parking lots. The project will also include minor striping changes and the construction on new accessible curb ramps. Parking lots to be slurry sealed include: Fire Station #1, Fire Station #3, Fire Station #4, and Fire Station #5. Pavement surfaces to be resurfaced include: Westmoor Park. There will be a Positive impact on operations and the operating budget by reducing the amount of maintenance needed to ensure safe functioning parking lots and pavement surfaces free of tripping hazards.

**PROJECT JUSTIFICATION:**

Pavement that has reached the end of its useful life and will receive an AC overlay. The remainder of the lots will receive a slurry seal application to preserve the pavement's condition and thereby reduce long term pavement operations and maintenance costs.

FUT-2019-20 Parking Lot Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-		23,000	-	-	-	-	-	23,000
IN-HOUSE SRV CHG DESIGN					20,000						
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN					3,000						
<b>2-CONSTRUCTION</b>	-	-	-		112,000	-	-	-	-	-	112,000
IN-HOUSE SRV CHG CONSTRUCTION					10,000						
CONTRACTUAL SERVICES CONSTRUCTION					100,000						
ADMINISTRATION CONSTRUCTION					2,000						
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	135,000	-	-	-	-	-	135,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND				-	135,000						135,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	135,000	-	-	-	-	-	135,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 506-Civic Center North Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

**506-Civic Center North Roof Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	12,000	-	-	-	-	-	-	-	12,000
IN-HOUSE SRV CHG DESIGN			8,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			4,000								
<b>2-CONSTRUCTION</b>	-	-	163,000	-	-	-	-	-	-	-	163,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			163,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	175,000	-	-	-	-	-	-	-	175,000

**REVENUE SOURCES:**

CIVIC CENTER FUND			175,000								175,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	175,000	-	-	-	-	-	-	-	175,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 561-Fire Dept Emergency Generator Replacement

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This project is a three (3) year project that involves replacing the emergency generators and transfer switches at Fire Stations 91, 93, and 94. Project includes completing stationary generator permitting through Bay Area Air Quality Board. Project descriptions in the order of project priority are list as follows:

- 2018E - Fire Station 94 – Complete electrical load analysis to determine size of generator. Relocated generator to northeastern boundary of property. Install new conduits from existing generator site to new generator site. Construct concrete slab at new generator location. Estimated Cost = \$147,000
- 2019E – Fire Station 91 – Remove generator and generator shed. Install new generator at same location. Estimated Cost = \$92,000
- 2020E – Fire Station 93 – Remove generator and generator shed. Enlarge generator shed to accommodate new generator and install new generator at same location. Estimated Cost = \$132,000

This project has little to no impact on the operating budget.

### PROJECT JUSTIFICATION:

Engaging in this project will ensure all the Fire Stations can remain operational and responsive during power outages. The emergency generators are at the end of the manufactures estimated useful life

### 561-Fire Dept Emergency Generator Replacement

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	15,000	5,000	5,000	-	-	-	-	-	25,000
IN-HOUSE SRV CHG DESIGN			2,500	2,500	2,500						
CONTRACTUAL SERVICES DESIGN			10,000								
ADMINISTRATION DESIGN			2,500	2,500	2,500						
<b>2-CONSTRUCTION</b>	-	-	135,000	95,000	135,000	-	-	-	-	-	365,000
IN-HOUSE SRV CHG CONSTRUCTION			5,000	5,000	5,000						
CONTRACTUAL SERVICES CONSTRUCTION			128,000	88,000	128,000						
ADMINISTRATION CONSTRUCTION			2,000	2,000	2,000						
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	150,000	100,000	140,000	-	-	-	-	-	390,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND			150,000	100,000	140,000						390,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	150,000	100,000	140,000	-	-	-	-	-	390,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 537-Fire Station 95 Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof, rain gutters and fascia boards.

**PROJECT JUSTIFICATION:**

The existing roof, rain gutters, and fascia boards has reached the end of it's useful life.

537-Fire Station 95 Roof Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	10,000	-	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN			7,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			3,000								
<b>2-CONSTRUCTION</b>	-	-	65,000	-	-	-	-	-	-	-	65,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			65,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	75,000	-	-	-	-	-	-	-	75,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND			75,000								75,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	75,000	-	-	-	-	-	-	-	75,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Doelger Art Center Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace of roofing.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

**FUT-Doelger Art Center Roof Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	18,000	-	-	-	-	-	-	18,000
IN-HOUSE SRV CHG DESIGN				9,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				9,000							
<b>2-CONSTRUCTION</b>	-	-	-	192,000	-	-	-	-	-	-	192,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION				192,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	210,000	-	-	-	-	-	-	210,000

**REVENUE SOURCES:**

GENERAL CIP FUND				210,000							210,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	210,000	-	-	-	-	-	-	210,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Doelger Sr Center Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof and rain gutters.

**PROJECT JUSTIFICATION:**

The existing roof and rain gutters has reached the end of it's useful life.

**FUT-Doelger Sr Center Roof Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	38,000	-	-	-	-	-	-	38,000
IN-HOUSE SRV CHG DESIGN				25,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				13,000							
<b>2-CONSTRUCTION</b>	-	-	-	492,000	-	-	-	-	-	-	492,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION				492,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	530,000	-	-	-	-	-	-	530,000

**REVENUE SOURCES:**

GENERAL CIP FUND				530,000							530,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	530,000	-	-	-	-	-	-	530,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Westlake Gym and Community Ctr Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof and rain gutters.

**PROJECT JUSTIFICATION:**

The existing roof and rain gutters has reached the end of it's useful life.

FUT-Westlake Gym and Community Ctr Roof Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	38,000	-	-	-	-	-	-	38,000
IN-HOUSE SRV CHG DESIGN				25,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				13,000							
<b>2-CONSTRUCTION</b>	-	-	-	382,000	-	-	-	-	-	-	382,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION				382,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	420,000	-	-	-	-	-	-	420,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND				420,000							420,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	420,000	-	-	-	-	-	-	420,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Lincoln Community Ctr Roof and HVAC System Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof, HVAC units, and HVAC air duct.

**PROJECT JUSTIFICATION:**

The existing roof, HVAC units, and HVAC air ducts has reached the end of it's useful life.

**FUT-Lincoln Community Ctr Roof and HVAC System Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	52,000	-	-	-	-	-	52,000
IN-HOUSE SRV CHG DESIGN					13,000						
CONTRACTUAL SERVICES DESIGN					26,000						
ADMINISTRATION DESIGN					13,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	263,000	-	-	-	-	-	263,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION					263,000						
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	315,000	-	-	-	-	-	315,000

**REVENUE SOURCES:**

GENERAL CIP FUND					315,000						315,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	315,000	-	-	-	-	-	315,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Westmoor Park Clubhouse Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

FUT-Westmoor Park Clubhouse Roof Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	9,000	-	-	-	-	-	9,000
IN-HOUSE SRV CHG DESIGN					6,000						
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN					3,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	68,000	-	-	-	-	-	68,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION					68,000						
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	77,000	-	-	-	-	-	77,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND					77,000						77,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	77,000	-	-	-	-	-	77,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Bayshore Community Center Exterior Painting

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Repaint exterior surface of facility, including repairing cracks in stucco and sealing seams.

**PROJECT JUSTIFICATION:**

Engaging in this projects prevents the outside elements from penetrating the exterior walls of the building.

**FUT-Bayshore Community Center Exterior Painting**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	3,500	-	-	-	-	3,500
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN						3,500					
<b>2-CONSTRUCTION</b>	-	-	-	-	-	66,500	-	-	-	-	66,500
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION						66,500					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	70,000	-	-	-	-	70,000

**REVENUE SOURCES:**

GENERAL CIP FUND						70,000					70,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	70,000	-	-	-	-	70,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Civic Center Emergency Generator Replacement

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Emergency generator replacement project:

- Evaluate if relocation of generator is warranted
- Complete electrical load analyses to determine size of generator.
- Remove and replace/relocate the emergency generators and transfer switches
- Remove underground storage tank and associated equipment.
- Remediate contaminated soil where underground storage tank is located, if needed.
- Complete stationary generator permitting through Bay Area Air Quality Board.

This project has a negative impact to the operating budget. Expenses related to the underground storage tank testing and monitoring would be eliminated.

### PROJECT JUSTIFICATION:

Engaging in this project will ensure City Hall,, including the Police Department can remain operational and responsive during power outages. The emergency generator is at the end of the manufactures estimated useful life

FUT-Civic Center Emergency Generator Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	23,000	-	-	-	-	23,000
IN-HOUSE SRV CHG DESIGN						5,000					
CONTRACTUAL SERVICES DESIGN						15,000					
ADMINISTRATION DESIGN						3,000					
<b>2-CONSTRUCTION</b>	-	-	-	-	-	271,000	-	-	-	-	271,000
IN-HOUSE SRV CHG CONSTRUCTION						5,000					
CONTRACTUAL SERVICES CONSTRUCTION						264,000					
ADMINISTRATION CONSTRUCTION						2,000					
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	294,000	-	-	-	-	294,000
<b>REVENUE SOURCES:</b>											
CIVIC CENTER FUND						294,000					294,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	294,000	-	-	-	-	294,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Fire Station 91 Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

FUT-Fire Station 91 Roof Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	14,000	-	-	-	-	14,000
IN-HOUSE SRV CHG DESIGN						9,500					
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN						4,500					
<b>2-CONSTRUCTION</b>	-	-	-	-	-	181,000	-	-	-	-	181,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION						181,000					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	195,000	-	-	-	-	195,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND						195,000					195,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	195,000	-	-	-	-	195,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Police Dept Carpet Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace carpet throughout the Police Department.

**PROJECT JUSTIFICATION:**

The carpet has exceeded the manufactures estimated useful life.

FUT-Police Dept Carpet Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	3,500	-	-	-	-	3,500
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN						3,500					
<b>2-CONSTRUCTION</b>	-	-	-	-	-	151,500	-	-	-	-	151,500
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION						151,500					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	155,000	-	-	-	-	155,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND						155,000					155,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	155,000	-	-	-	-	155,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Serramonte Library HVAC Unit(s) Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace 4 HVAC rooftop package units and associated air ducting.

**PROJECT JUSTIFICATION:**

The 4 HVAC rooftop package units and associated air ducting is at the end of its estimated useful life.

FUT-Serramonte Library HVAC Unit(s) Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	10,000	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN							5,000				
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN							5,000				
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	250,000	-	-	-	250,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							250,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	260,000	-	-	-	260,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND							260,000				260,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	260,000	-	-	-	260,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-WWTP Underground Fuel Storage Tank Replacement

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Replace the two (2) 10,000 gal. and one (1) 4,000 gal. underground fuel storage tanks (UST) with above ground fuel storage tanks. Replace 2 fuel dispensing units.

Replacing the USTs with above ground fuel storage tanks will have a minimal negative impact on the operating budget.

### PROJECT JUSTIFICATION:

The three underground fuel storage tanks (UST) are at the end of the manufactures estimated useful life. The useful life of the underground storage tanks are 30 years. The USTs were installed in 1993. The alternative is to replace the USTs with new USTs which would cost twice as much.

FUT-WWTP Underground Fuel Storage Tank Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	115,000	-	-	-	115,000
IN-HOUSE SRV CHG DESIGN							10,000				
CONTRACTUAL SERVICES DESIGN							100,000				
ADMINISTRATION DESIGN							5,000				
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	520,000	-	-	520,000
IN-HOUSE SRV CHG CONSTRUCTION								10,000			
CONTRACTUAL SERVICES CONSTRUCTION								500,000			
ADMINISTRATION CONSTRUCTION								10,000			
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	115,000	520,000	-	-	635,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT							57,500	260,000			317,500
WATER FUND							57,500	260,000			317,500
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	115,000	520,000	-	-	635,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Civic Center South Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

FUT-Civic Center South Roof Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	20,000	-	20,000
IN-HOUSE SRV CHG DESIGN									15,000		
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN									5,000		
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	220,000	-	220,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION									220,000		
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	240,000	-	240,000
<b>REVENUE SOURCES:</b>											
CIVIC CENTER FUND									240,000		240,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	240,000	-	240,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Fire Station 92 Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

FUT-Fire Station 92 Roof Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL	
<b>PROJECT EXPENDITURES:</b>												
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	17,000	17,000
IN-HOUSE SRV CHG DESIGN											11,000	
CONTRACTUAL SERVICES DESIGN												
ADMINISTRATION DESIGN											6,000	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	213,000	213,000
IN-HOUSE SRV CHG CONSTRUCTION												
CONTRACTUAL SERVICES CONSTRUCTION											213,000	
ADMINISTRATION CONSTRUCTION												
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT												
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	230,000	230,000
<b>REVENUE SOURCES:</b>												
GENERAL CIP FUND											230,000	230,000
												-
												-
												-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	230,000	230,000
<b>IMPACT ON OPERATING BUDGET</b>												
PERSONNEL												-
OPERATING & MAINTENANCE												-
OTHER												-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-	-

## FUT-Public Works Corp Yard - Facility Maintenance Roof Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace roof.

**PROJECT JUSTIFICATION:**

The existing roof has reached the end of it's useful life.

**FUT-Public Works Corp Yard - Facility Maintenance  
Roof Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	9,000	9,000
IN-HOUSE SRV CHG DESIGN										6,000	
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN										3,000	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	61,000	61,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION										61,000	
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	70,000	70,000

**REVENUE SOURCES:**

GENERAL CIP FUND										70,000	70,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	70,000	70,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Serramonte Library Lighting and Elevator

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Upgrade obsolete and inefficient lighting system throughout first and second floor of the facility, to include new energy efficient lighting, lighting controls, and T-Bar ceiling.  
 Install elevator to allow ADA access to the first floor.  
 Minimal impact to operating budget for annual elevator maintenance service agreement. However, cost associated with lower energy bills, and less material and labor to maintain antiquated lighting system may negate the cost of the annual elevator maintenance service.

**PROJECT JUSTIFICATION:**

Engaging in this project would allow ADA access to the first floor of the library. Replacing the antiquated lighting system with energy efficient lighting and lighting controls would result in lower operating and maintenance cost.

FUT-Serramonte Library Lighting and Elevator	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
--	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

PROJECT EXPENDITURES:	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

REVENUE SOURCES:	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
GENERAL CIP FUND											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
PERSONNEL											
OPERATING & MAINTENANCE					2,800	2,800	2,800	2,800	2,800	2,900	16,900
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	2,800	2,800	2,800	2,800	2,800	2,900	16,900

## 473-Asset Management Software

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Purchase and installation of an asset management program that will automate the tracking and processing of infrastructure and capital assets.

### PROJECT JUSTIFICATION:

By having an asset management software in place, we will improve response times, reduce errors, reduce manual efforts, improve analytical capabilities, and improve customer service.

473-Asset Management Software	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	200,000	-	-	-	-	-	-	-	-	200,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		200,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	200,000	-	-	-	-	-	-	-	-	200,000
<b>REVENUE SOURCES:</b>											
WATER FUND											-
SANITATION DISTRICT		75,000									75,000
GENERAL CIP FUND		125,000									125,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	200,000	-	-	-	-	-	-	-	-	200,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 609-Cooperative Project Development

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Provide City staff resources and consultant services needed for development of new projects and grant fund applications for various federal, state and regional transportation improvement programs. Provide for a potential source of funding when a local match is required by a grant.

**PROJECT JUSTIFICATION:**

Growing competition for limited grant funds warrants greater City efforts in preparing more comprehensive applications, data gathering and presentations.

609-Cooperative Project Development	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	522,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	522,000
<b>REVENUE SOURCES:</b>											
MEASURE A		50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	522,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	522,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 451-Fuel Management Software System

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This project will replace antiquated fuel management software system, including system hardware and computerized access to the Public Works Corporation Yard. Additionally this project will enable fuel management at three (3) off site fueling station located at Fire Stations 93, 94, and 95.  
Minimal impact to operating cost. The cost of the extended maintenance and annual service agreement is estimated at \$3500 annually.

**PROJECT JUSTIFICATION:**

Current fuel management software system is obsolete (fuel management software also controls access the Public Works Corporation Yard). Replacement hardware is limited and only available in remanufactured condition.

451-Fuel Management Software System	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	10,000	-	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			10,000								
<b>2-CONSTRUCTION</b>	-	-	115,000	-	-	-	-	-	-	-	115,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			115,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	90,000	-	-	-	-	-	-	-	90,000
EQUIPMENT			90,000								
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	215,000	-	-	-	-	-	-	-	215,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND			90,000								90,000
WATER FUND			40,000								40,000
SANITATION DISTRICT			40,000								40,000
MEASURE A			45,000								45,000
OTHER SOURCES											-
<b>TOTAL PROJECT REVENUES</b>	-	-	215,000	-	-	-	-	-	-	-	215,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER				3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500

## 474-Information Technology Master Plan

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Issue a Request for Proposal for professional services and retain a firm to prepare an Information Technology Master Plan.

**PROJECT JUSTIFICATION:**

Technology has become an increasingly critical factor in providing excellent municipal services and the City currently lacks an updated plan. An Information Technology Master Plan can assist in enhancing efficiency through process improvement, software implementation, expanded online services, and more sophisticated data analysis. In order to answer this growing demand for automation within our constrained budgetary environment, it is more important than ever to approach technology projects with an emphasis on standardization, integration, and consolidation.

474-Information Technology Master Plan	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	75,000	-	-	-	-	-	-	-	-	75,000
IN-HOUSE SRV CHG DESIGN		10,000									
CONTRACTUAL SERVICES DESIGN		65,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	75,000	-	-	-	-	-	-	-	-	75,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND		75,000									75,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	75,000	-	-	-	-	-	-	-	-	75,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 550-Mussel Rock Site Routine Monitoring

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Annual program to collect and analyze groundwater samples, monitor the seawall, methane gas, and slope movement, and report findings to the Regional Water Quality Control Board and California Coastal Commission. Pay recurring and one-time permit regulatory fees. No impact to operating budget.

**PROJECT JUSTIFICATION:**

Annual program to fund compliance with regulatory monitoring and reporting requirements.

550-Mussel Rock Site Routine Monitoring	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	235,000	-	250,000	-	265,000	-	280,000	-	300,000	1,330,000
IN-HOUSE SRV CHG DESIGN		25,000		30,000		35,000		40,000		45,000	
CONTRACTUAL SERVICES DESIGN		205,000		215,000		225,000		235,000		250,000	
ADMINISTRATION DESIGN		5,000		5,000		5,000		5,000		5,000	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	235,000	-	250,000	-	265,000	-	280,000	-	300,000	1,330,000
<b>REVENUE SOURCES:</b>											
SOLID WASTE FRANCHISE FEE		235,000		250,000		265,000		280,000		300,000	1,330,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	235,000	-	250,000	-	265,000	-	280,000	-	300,000	1,330,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 550-Mussel Rock Landfill Annual Site Maintenance

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Maintain and repair drainage collection system, seawall, access roads, gabion walls and screening, and siltation ponds on an as needed basis. The drainage collection system cleaning was previously performed by the Parks Maintenance Division of Public Works. Continuing to contract the work will reduce the operations budget. Consultant services will be retained to assist in the design of the seawall repairs.

The solid waste franchise fee dedicated for Mussel Rock site improvements, maintenance, and monitoring is insufficient to cover the total costs of these projects. General CIP Funds will be utilized until revenue generated from rate adjustments can repay the General CIP Fund.

### PROJECT JUSTIFICATION:

Annual program to fund compliance with regulatory site maintenance requirements.

### 550-Mussel Rock Landfill Annual Site Maintenance

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	75,000	75,000	75,000	75,000	75,000	55,000	65,000	65,000	95,000	655,000
IN-HOUSE SRV CHG DESIGN		60,000	40,000	50,000	50,000	50,000	50,000	60,000	60,000	60,000	
CONTRACTUAL SERVICES DESIGN		40,000				50,000				30,000	
ADMINISTRATION DESIGN		3,000	3,000	3,000	3,000	3,000	5,000	5,000	5,000	5,000	
<b>2-CONSTRUCTION</b>	-	840,000	190,000	202,000	210,000	227,000	1,045,000	230,000	240,000	240,000	3,424,000
IN-HOUSE SRV CHG CONSTRUCTION		40,000	40,000	40,000	40,000	47,000	45,000	50,000	50,000	50,000	
CONTRACTUAL SERVICES CONSTRUCTION		800,000	150,000	162,000	170,000	180,000	1,000,000	180,000	190,000	190,000	
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	943,000	233,000	255,000	263,000	330,000	1,100,000	295,000	305,000	335,000	4,059,000

### REVENUE SOURCES:

SOLID WASTE FRANCHISE FEE		181,000	233,000	200,000	263,000	222,000	506,000	246,000	305,000	269,000	2,425,000
GENERAL CIP FUND		762,000		55,000		108,000	594,000	49,000		66,000	1,634,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	943,000	233,000	255,000	263,000	330,000	1,100,000	295,000	305,000	335,000	4,059,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 552-Mussel Rock Access and Amenities Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY 2016.  
 The project includes the removal or replacement of fencing and installation of picnic tables, benches, and signs. The project will also include a pilot test to screen gabion walls.

**PROJECT JUSTIFICATION:**

As part of the conditions of a Coastal Development Permit from the California Coastal Commission, the City is required to make public access and amenities improvements. The pilot test will assess the feasibility of various options for screening gabion walls.

552-Mussel Rock Access and Amenities Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

**PROJECT EXPENDITURES:**

<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

**REVENUE SOURCES:**

SOLID WASTE FRANCHISE FEE											
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 553 and NEW-Mussel Rock Landfill Site Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Fiscal Year 2017: (553) Mussel Rock Transfer Station Decommissioning - Demolish and remove the existing transfer station building.

Fiscal Year 2018 and 2019: (NEW) Gabion Wall Screening - Install gabion wall screening devices in accordance with the Site's Coastal Development Permit. Consultant services will be retained to assist in the design and preparation of contract documents. Long-term maintenance of the gabion wall screening will be performed as part of the annual site maintenance project.

The solid waste franchise fee dedicated for Mussel Rock site improvements, maintenance, and monitoring is insufficient to cover the total costs of these projects. General CIP Funds will be utilized until revenue generated from rate adjustments can repay the General CIP Fund.

### PROJECT JUSTIFICATION:

The City's franchise agreement with its solid waste hauling provider includes the decommissioning of the transfer station. The Site's Coastal Development Permit from the Coastal Commission requires the installation of gabion wall screen devices. The actual design will depend on the results of a pilot test conducted as part of the Mussel Rock Public Access Improvements project constructed in 2016-17.

### 53 and NEW-Mussel Rock Landfill Site Improvements

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	115,000	76,000	-	-	-	-	-	-	-	191,000
IN-HOUSE SRV CHG DESIGN		15,000	25,000								
CONTRACTUAL SERVICES DESIGN		100,000	50,000								
ADMINISTRATION DESIGN			1,000								
<b>2-CONSTRUCTION</b>	-	285,000	-	340,000	-	-	-	-	-	-	625,000
IN-HOUSE SRV CHG CONSTRUCTION		15,000		40,000							
CONTRACTUAL SERVICES CONSTRUCTION		270,000		300,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	400,000	76,000	340,000	-	-	-	-	-	-	816,000

### REVENUE SOURCES:

SOLID WASTE FRANCHISE FEE			76,000								76,000
GENERAL CIP FUND		400,000		340,000							740,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	400,000	76,000	340,000	-	-	-	-	-	-	816,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 542-Alta Loma Park Renovation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

To remove and replace playground structure, landscape, concrete and drainage work.

**PROJECT JUSTIFICATION:**

The existing structure is past its useful life. Funding from this project will partially come from the California Department of Housing and Community Development, Housing Related Parks Program.

542-Alta Loma Park Renovation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	20,000	-	-	-	-	-	-	-	-	20,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		20,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	180,000	150,000	-	-	-	-	-	-	-	330,000
IN-HOUSE SRV CHG CONSTRUCTION		10,000	15,000								
CONTRACTUAL SERVICES CONSTRUCTION		170,000	135,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											-
EQUIPMENT											
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	200,000	150,000	-	-	-	-	-	-	-	350,000
<b>REVENUE SOURCES:</b>											
PARK LAND DEDICATION FEE			150,000								150,000
GRANT		200,000									200,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	200,000	150,000	-	-	-	-	-	-	-	350,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Gellert Park Playground Rehabilitation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace playground equipment. Remove concrete footings from original play structure. Add loose fill material (fibar) to ensure critical fall height standards are met. Provide ADA access to play equipment.

**PROJECT JUSTIFICATION:**

Playground equipment has exceeded its useful life and warrants replacement.

FUT-Gellert Park Playground Rehabilitation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	20,000	-	-	-	-	-	-	20,000
IN-HOUSE SRV CHG DESIGN				15,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				5,000							
<b>2-CONSTRUCTION</b>	-	-	-	255,000	-	-	-	-	-	-	255,000
IN-HOUSE SRV CHG CONSTRUCTION				15,000							
CONTRACTUAL SERVICES CONSTRUCTION				240,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	275,000	-	-	-	-	-	-	275,000
<b>REVENUE SOURCES:</b>											
PARK LAND DEDICATION FEE				275,000							275,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	275,000	-	-	-	-	-	-	275,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 555-Gellert Park Soccer Field Rehab

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove existing artificial turf and infill, remove existing baserock and complete drainage repairs, install and grade new baserock, install new artificial turf and rubber infill with inlaid soccer markings, remove decomposed granite and replace with alternative pavement option. Consultant will provide design and construction support. Geotechnical consultant will provide construction support to verify drainage issues have been resolved.

**PROJECT JUSTIFICATION:**

Existing artificial turf is deteriorated and past it's 10-year useful life cycle and drainage issues have been identified. Decomposed granite perimeter needs to be replaced to prevent future damage to new artificial turf.

555-Gellert Park Soccer Field Rehab	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	<b>76,000</b>	-	-	-	-	-	-	-	-	-	<b>76,000</b>
IN-HOUSE SRV CHG DESIGN	18,000										
CONTRACTUAL SERVICES DESIGN	55,000										
ADMINISTRATION DESIGN	3,000										
<b>2-CONSTRUCTION</b>	<b>1,256,000</b>	-	-	-	-	-	-	-	-	-	<b>1,256,000</b>
IN-HOUSE SRV CHG CONSTRUCTION	56,000										
CONTRACTUAL SERVICES CONSTRUCTION	1,200,000										
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	<b>1,332,000</b>	-	-	-	-	-	-	-	-	-	<b>1,332,000</b>
<b>REVENUE SOURCES:</b>											
PARK LAND DEDICATION FEE	1,332,000										1,332,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	<b>1,332,000</b>	-	-	-	-	-	-	-	-	-	<b>1,332,000</b>
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 562-Parks Master Plan

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Create a Parks Master Plan to summarize community needs for neighborhood parks and establish policies, guidelines and opportunities for future park development and rehabilitation. Existing conditions will be examined and a robust public outreach process will assess the preferences of the community. A comprehensive list of prioritized park and recreation facility projects will be developed along with an implementation plan to ensure progress in the Plan's completion.

**PROJECT JUSTIFICATION:**

Daly City lacks a vision for its park system and a Parks Master Plan will identify needs for parks, recreation facilities, and programs. The Plan will address opportunities for improvement and present recommendations to develop a comprehensive park system that will help Daly City enhance its community vitality to attract and retain residents and businesses.

562-Parks Master Plan	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	350,000	-	-	-	-	-	-	-	-	350,000
IN-HOUSE SRV CHG DESIGN		60,000									
CONTRACTUAL SERVICES DESIGN		285,000									
ADMINISTRATION DESIGN		5,000									
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	350,000	-	-	-	-	-	-	-	-	350,000
<b>REVENUE SOURCES:</b>											
PARK LAND DEDICATION FEE		350,000									350,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	350,000	-	-	-	-	-	-	-	-	350,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Tennis and Basketball Court Surface Rehabilitation

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Reconstruct four (4) tennis courts at Westmoor Park and four (4) tennis courts at Westlake Park. Resurface four (4) tennis courts at Gellert Park and two (2) tennis courts at Hillside Park. Projects at each tennis court includes raising existing net post and center tie downs as needed; applying two (2) coats of color mixed with 90 mesh sand and one coat without sand; painting standard dimensioned court lines, 2" width; and the installation of new nets. Resurface two (2) basketball courts at Gellert Park and Lincoln Park. Resurface one (1) picnic area at Gellert Park. Annual ongoing operation and maintenance cost on a reconstructed/resurfaced courts is minimal.

### PROJECT JUSTIFICATION:

The justification for proceeding with this project is based upon following conditions:

- The tennis courts at Westmoor Park are no longer functional, nor safe to play on and therefore they have ceased to be a benefit to the community.
- The appearance of the Westmoor Park tennis courts is such that it now subtracts from the aesthetics qualities of the neighborhood.
- The tennis court surface at Westlake Park is at the end of it useful life and showing major signs of deterioration.
- Resurfacing the tennis courts at Gellert Park and Hillside Park will preserve the integrity of the surface preventing major capital cost to reconstruct the tennis courts in the future.
- Resurfacing the picnic area and basketball courts at Gellert Park and Lincoln Park will preserve the integrity of the surface preventing major capital cost to reconstruct the courts in the future.

By not engaging in this project, the playing surface of the courts will further deteriorate and become more and more of a liability to the City.

FUT-Tennis and Basketball Court Surface Rehabilitation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	32,000	-	-	-	-	-	-	32,000
IN-HOUSE SRV CHG DESIGN				30,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				2,000							
<b>2-CONSTRUCTION</b>	-	-	-	398,000	-	-	-	-	-	-	398,000
IN-HOUSE SRV CHG CONSTRUCTION				20,000							
CONTRACTUAL SERVICES CONSTRUCTION				377,000							
ADMINISTRATION CONSTRUCTION				1,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	430,000	-	-	-	-	-	-	430,000
<b>REVENUE SOURCES:</b>											
PARK LAND DEDICATION FEE				430,000							430,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	430,000	-	-	-	-	-	-	430,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Westmoor Park Play Equipment Rehabilitation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace playground equipment. Remove concrete footings from original play structure. Add loose fill material (fibar) to ensure critical fall height standards are met. Provide ADA access to play equipment.

**PROJECT JUSTIFICATION:**

In recent years 70% of the equipment has been deemed unsafe and therefore was removed without replacement. The existing slide and overhead grab bars do not meet ASTM (American Society for Testing and Materials) standards.

**FUT-Westmoor Park Play Equipment Rehabilitation**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	20,000	-	-	-	-	-	-	20,000
IN-HOUSE SRV CHG DESIGN				15,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				5,000							
<b>2-CONSTRUCTION</b>	-	-	-	255,000	-	-	-	-	-	-	255,000
IN-HOUSE SRV CHG CONSTRUCTION				15,000							
CONTRACTUAL SERVICES CONSTRUCTION				240,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	275,000	-	-	-	-	-	-	275,000

**REVENUE SOURCES:**

PARK LAND DEDICATION FEE				275,000							275,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	275,000	-	-	-	-	-	-	275,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Archiving of Police Documents

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Contract with a firm to digitize thousands of police reports. The contract would also include the transfer of audio and video data to a digital format.

**PROJECT JUSTIFICATION:**

The police department is in possession of thousands of police reports, video tapes and audio tapes that must be retained by law. Currently these items are stored in several storage areas within the police station and take up approximately 1,000 square feet of usable space. The contract will allow us to digitize these items, preserve the integrity of the items and dispose of all hard copy and analog tapes. The digital format will be held in a secure server for future recall, should it be needed.

FUT-Archiving of Police Documents	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	125,000	-	-	-	-	-	125,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION					125,000						
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	125,000	-	-	-	-	-	125,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE					125,000						125,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	125,000	-	-	-	-	-	125,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Automated Property Storage System

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace current property shelving system with an automated evidence storage and retrieval system.

**PROJECT JUSTIFICATION:**

Currently property is stored in bins on generic shelving. The new automated system will allow the property to be placed in storage in one location and moved to its permanent location by the use of an automated system. The system would better track evidence, as well as prevent personnel from climbing or reaching to retrieve or replace evidence on the shelves. Also, this would increase capacity because there would be no longer need to be space for employees to move between shelves, and the shelves could be configured floor to ceiling.

FUT-Automated Property Storage System	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	10,000	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN				10,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	80,000	-	-	-	-	-	-	80,000
IN-HOUSE SRV CHG CONSTRUCTION				5,000							
CONTRACTUAL SERVICES CONSTRUCTION				75,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	100,000	-	-	-	-	-	-	100,000
EQUIPMENT				100,000							
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	190,000	-	-	-	-	-	-	190,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE				190,000							190,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	190,000	-	-	-	-	-	-	190,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 530-Communications Center Radio Upgrade

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

The Communications Center radio equipment is over ten years old. The industry standard is 5-7 years. The project includes removing the existing telephone and radio equipment, installing the new system and disposing of the old equipment. The total cost of the project is \$250,000.

**PROJECT JUSTIFICATION:**

The current facility is functional; however, the radio equipment is no longer supported by the manufacturer, and it is increasingly difficult to locate replacement parts. We need to remain Project 25 compliant, which is a requirement for narrow banding of all police radio equipment. There is no alternative project considered.

530-Communications Center Radio Upgrade	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	250,000	-	-	-	-	-	-	-	250,000
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>											
	-	-	250,000	-	-	-	-	-	-	-	250,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND			250,000								250,000
											-
											-
											-
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>											
	-	-	250,000	-	-	-	-	-	-	-	250,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>											
	-	-	-	-	-	-	-	-	-	-	-

## 594-Department Operations Center

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Upgrade existing Operations Center.

**PROJECT JUSTIFICATION:**

A department operations center (DOC) will be needed to act as a command center for incidents such as child abductions, potential terrorist activities, joint federal investigations, as well as large scale planned and unplanned events. Currently our operations center acts as a conference room and does not have the capacity to effectively conduct a large scale operation. This center will have increased technological capabilities including electronic hubs for mobile computers, smartboards, mapping systems and software, mobile camera platforms, interoperable radio communications, and incident command system supplies. Depending on future events, the DOC will be housed in the current operations center or in the Communications Center, should this space become available.

594-Department Operations Center	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	125,000	-	-	-	-	-	-	-	125,000
EQUIPMENT			125,000								
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	125,000	-	-	-	-	-	-	-	125,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE			125,000								125,000
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	125,000	-	-	-	-	-	-	-	125,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Furniture/Workstation Replacement at Police

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace furniture and work stations in the Records Division, Investigations Division, Administrative Offices and both squad rooms.

**PROJECT JUSTIFICATION:**

At the time of replacement, the furniture and workstations will be at a minimum of 23 years old. The workstations will not be compliant with current ergonomic standards and will likely be unserviceable. In the past two years, the police department has used outside funding sources to replace furniture and work stations in the patrol commander offices, property room and prisoner processing center. These areas would be exempt from this request.

FUT-Furniture/Workstation Replacement at Police	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	150,000	-	-	-	150,000
EQUIPMENT							150,000				
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	150,000	-	-	-	150,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE							150,000				150,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	150,000	-	-	-	150,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 596-Long Term Vehicle Storage

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install long term parking enclosure in the unused lot located off of 92nd Street, next to 204 92nd Street. Process would include removal of vegetation, grading of uneven ground, compacting and graveling the existing lot. The project would also include the installation of several hundred feet of security fencing and security lighting.

**PROJECT JUSTIFICATION:**

The police department needs a location for long term vehicle storage. Vehicles can be stored as evidence in criminal cases that need to be secured for chain of custody. The lot can also be used to securely store high value, grant-funded assets, such as the DUI bus, command trailer, armored rescue vehicle, and multiple logistics trailers.

596-Long Term Vehicle Storage	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	15,000	-	-	-	-	-	-	-	-	15,000
IN-HOUSE SRV CHG DESIGN		15,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	205,000	-	-	-	-	-	-	-	-	205,000
IN-HOUSE SRV CHG CONSTRUCTION		5,000									
CONTRACTUAL SERVICES CONSTRUCTION		200,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	220,000	-	-	-	-	-	-	-	-	220,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE		220,000									220,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	220,000	-	-	-	-	-	-	-	-	220,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Mobile Command Center

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the department's 20 year old Mobile Command Center.

**PROJECT JUSTIFICATION:**

The current Mobile Command Center (bus) will be 20 years old in 2019. The bus was purchased using OTS grant funds with a primary purpose of conducting DUI checkpoints. Due to weather conditions and age of the bus, it will need to be replaced in 2019. The proposed command center would be configured to operate in multiple tactical or investigative environments. The bus would include "bump out" sections and would need to be outfitted with computers, communications equipment, television monitors, workstations and event supplies.

FUT-Mobile Command Center	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	400,000	-	-	-	-	-	400,000
<b>4-OTHER USES</b>											
					400,000						
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	400,000	-	-	-	-	-	400,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE					400,000						400,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	400,000	-	-	-	-	-	400,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Police Base Station Upgrade

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace and upgrade police radio channels (PD-1 and PD-2) located at the base stations (Communication Towers). These locations include City Hall, Reservoir 2, Reservoir 5, Reservoir 2-B, San Bruno Mountain, Serramonte Center, and Pacifica City Hall. Project costs will include equipment from the manufacturer, labor costs from a local installer (City currently uses TEA Corporation) and telephone circuits.

**PROJECT JUSTIFICATION:**

The base stations were upgraded in FY 2012/13. It is recommended the equipment is upgraded every 5 to 7 years.

FUT-Police Base Station Upgrade											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	300,000	-	-	-	-	-	300,000
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	300,000	-	-	-	-	-	300,000
<b>REVENUE SOURCES:</b>											
GENERAL CIP FUND					300,000						300,000
											-
											-
											-
<b>OTHER SOURCES</b>											
											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	300,000	-	-	-	-	-	300,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 595-Police Dept Locker Room Remodel

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Continuing project from FY 2014.

Redesign the configuration of the Police locker room and workout areas to better serve the needs of the officers and to increase shower/locker room space for female employees. There will be separate entrances to the male and female shower/locker room facilities. Shower rooms and bath rooms will be included within the locker room space to provide complete privacy. This project combines phases I and II of the previous project and creates a space that utilizes all of the available area designated within the Police station as workout and locker room area.

### PROJECT JUSTIFICATION:

The numbers of Daly City Police personnel that utilize the locker room facilities has increased significantly since the buildings inception in the mid 1960's. The department has run out of space in the female locker room. No more room for lockers for female police officers and police assistants.

595-Police Dept Locker Room Remodel	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	540,000	-	-	-	-	-	-	-	-	540,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		540,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	540,000	-	-	-	-	-	-	-	-	540,000
<b>REVENUE SOURCES:</b>											
AB1600-POLICE		270,000									270,000
GENERAL CIP FUND		270,000									270,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	540,000	-	-	-	-	-	-	-	-	540,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 591-Shooting Range

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY 2016; funded with Asset Forfeiture funds.  
 The Police Shooting Range area will undergo significant modifications to include: complete replacement of all shooting lanes and appurtenances. All of the current accousitc tile and glue containing asbestos will be removed, and the range will be painted where tile removal occurs.

**PROJECT JUSTIFICATION:**

The current target retrieval system was last upgraded in 1999 and needs upgrading. The current system is routinely showing signs of fatigue and repairs are common. The use of wireless target carriers eliminates a common problem of communication cables being damaged, requiring a service call from the manufacturer that would cost over \$1000.

591-Shooting Range	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Station/Finance Department Video Surveillance

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace video surveillance cameras and storage equipment in the police department and Finance Department. Replace two interview room cameras and storage equipment.

**PROJECT JUSTIFICATION:**

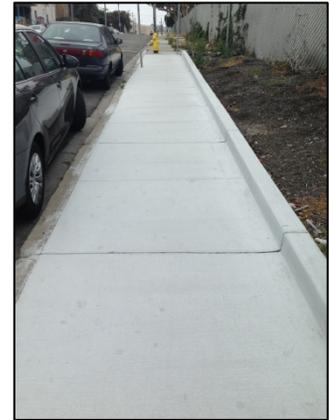
In 2015/16 the police department used external funding sources to purchase and install a video surveillance system and included two interview rooms. These systems also include an external camera system for the Finance Department. The industry standard for replacement of security system and storage solutions is ten years. We anticipate in 2024/25, the current technology will be outdated, and the system will need to be replaced.

FUT-Station/Finance Department Video Surveillance	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	-	-	-	-	-	200,000	200,000
<b>4-OTHER USES</b>											
										200,000	
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	200,000	200,000
<b>REVENUE SOURCES:</b>											
UNKNOWN SOURCE										200,000	200,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	200,000	200,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-



## Transportation Program

The City of Daly City's transportation improvement program is intended to address all forms of transportation, including pedestrian, bicycle, automobile and to a limited extent transit; transit agencies such as BART and SamTrans are responsible for mass transit. The goals of the transportation improvement program are to preserve transportation infrastructure assets, improve safety, increase the availability of transportation options, reduce congestion and improve the efficiency of the transportation system for the residents of Daly City.



**Schwerin Street: 2015-16 Annual Concrete Safety Project repaired sidewalk uplifted by street trees.**

### *Funding Sources*

The projects identified in the Transportation Fund (previously referred as the Gas Tax Fund) have restricted revenue sources that can only fund projects that improve the transportation system. These dedicated/restricted funds include: State Gas Taxes (taxes collected on the sale of gasoline), San Mateo County Measure A funds (sales tax collected in the County),

Measure M (vehicle registration fees), state and federal transportation funds, and grants. There is a concern that several of these traditional funding sources will decline in the future. For example, as more electric and fuel-efficient vehicles are purchased there will be more vehicles on the roadways increasing congestion and damage, but paying less in gas taxes per vehicle.



**Lake Merced Boulevard: City leveraged private developer funds to construct bulb out, rapid flashing lights, and high visibility crosswalks.**

In addition to transportation funding traditionally received from taxes, the City also receives intermittent or one-time fees from private property developers to mitigate the impact of increased traffic generated from private development projects. These

traffic impact fees are restricted and can only be used to fund projects that help mitigate the effects of increased traffic congestion associated with the development and population density, such as for widening streets or otherwise modifying a street to carry more traffic. These traffic impact fees can also be used to install traffic signals or other forms of technology to make traffic flow more efficiently.

The City's Public Works staff has been aggressive in securing grant funding from a variety of sources to fund transportation improvements. Currently active transportation projects and projects planned for the next two years benefit from approximately \$4.6 million in grant funds. Projects substantially funded by grants (70% to as much as 90%) include the Central Corridor Bicycle and Pedestrian Improvements, John Daly Boulevard Streetscape Improvements and the Enhanced Pedestrian and Bicycle Visibility Improvements.

### *Overview of Projects*

When transportation funds are scarcer due to a sluggish economy, a majority of projects are directed to transportation infrastructure preservation and safety. When transportation funds are more abundant due to a robust economy or greater availability of grant funding, projects considered for the CIP include improving access to transportation options, reducing congestion, and improving the overall efficiency of the transportation system.



**Allemany Street: 2015-16 Street Resurfacing Project repaired the street pavement, before and after photographs.**

Daly City's roadway pavement, traffic signals, streetlights and safety and directional signs are in reasonably good condition.

The City's street pavement is currently rated with a Metropolitan Transportation Commission (MTC) Pavement Condition Index (PCI) score of 76, which is considered "Good." However, with the City's increased use of gas tax funds for annual operating expenditures, such as street tree and median island landscape maintenance, combined with decreased funding from traditional sources, there is a real concern that Daly City will be unable to maintain its roadway system at the current level. Over time this will lead to the long-term deterioration of transportation infrastructure assets and ultimately higher overall cost.

Currently, and with the next two year budget, a majority of projects and transportation funding is directed to pavement preservation such as the annual pavement surface seal program (slurry seal) and pavement rehabilitation programs (overlay and reconstruction). The remaining non-grants transportation funds are used to finance traffic signals, safety improvements, and bicycle and pedestrian improvement projects.

## 811-2016-17 MRP Trash Capture Program

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Installation of full trash capture devices in storm drain catch basins to reduce the trash load being discharged through the municipal separate storm sewer system. Some of this amount will be carry over from 87-920-811 and 17-312-615. Operating impact will require biannual maintenance of each catch basin once devices are installed.

### PROJECT JUSTIFICATION:

The City of Daly City must achieve a trash load reduction of 70% by July 1, 2017 to remain compliant with Provision C.10. of the Municipal Regional Stormwater Permit.

### 811-2016-17 MRP Trash Capture Program

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	<b>42,000</b>	-	-	-	-	-	-	-	-	-	<b>42,000</b>
IN-HOUSE SRV CHG DESIGN	40,000										
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN	2,000										
<b>2-CONSTRUCTION</b>	-	<b>374,000</b>	-	-	-	-	-	-	-	-	<b>374,000</b>
IN-HOUSE SRV CHG CONSTRUCTION		39,000									
CONTRACTUAL SERVICES CONSTRUCTION		334,000									
ADMINISTRATION CONSTRUCTION		1,000									
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	<b>42,000</b>	<b>374,000</b>	-	-	-	-	-	-	-	-	<b>416,000</b>

### REVENUE SOURCES:

SANITATION DISTRICT	42,000	374,000									416,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	<b>42,000</b>	<b>374,000</b>	-	-	-	-	-	-	-	-	<b>416,000</b>

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL			50,000	50,000	55,000	55,000	60,000	60,000	65,000	65,000	460,000
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	<b>50,000</b>	<b>50,000</b>	<b>55,000</b>	<b>55,000</b>	<b>60,000</b>	<b>60,000</b>	<b>65,000</b>	<b>65,000</b>	<b>460,000</b>

## FUT-2018-19 Avalon Canyon Site Maintenance

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Complete repairs on City access road and storm drain. Annual project to maintain and repair access road, drainage system, and to remove sediment and vegetation from sedimentation basins as needed.

**PROJECT JUSTIFICATION:**

Storm drain and access road are in need of repairs. Roadway, drainage, and sedimentation basins will require annual maintenance.

**FUT-2018-19 Avalon Canyon Site Maintenance**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	28,000	-	-	-	-	-	-	28,000
IN-HOUSE SRV CHG DESIGN				25,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				3,000							
<b>2-CONSTRUCTION</b>	-	-	-	287,000	-	-	-	-	-	-	287,000
IN-HOUSE SRV CHG CONSTRUCTION				25,000							
CONTRACTUAL SERVICES CONSTRUCTION				260,000							
ADMINISTRATION CONSTRUCTION				2,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	315,000	-	-	-	-	-	-	315,000

**REVENUE SOURCES:**

MEASURE A				315,000							315,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	315,000	-	-	-	-	-	-	315,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Beyond 2020 Avalon Canyon Site Maintenance

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Annual project to maintain and repair access road, drainage system, and to remove sediment and vegetation from sedimentation basins as needed.

**PROJECT JUSTIFICATION:**

Roadway, drainage, and sedimentation basins will require annual maintenance.

**FUT-Beyond 2020 Avalon Canyon Site Maintenance**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	27,000	-	-	32,000	-	59,000
IN-HOUSE SRV CHG DESIGN						25,000			30,000		
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN						2,000			2,000		
<b>2-CONSTRUCTION</b>	-	-	-	-	-	73,000	-	-	88,000	-	161,000
IN-HOUSE SRV CHG CONSTRUCTION						15,000			20,000		
CONTRACTUAL SERVICES CONSTRUCTION						58,000			68,000		
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	100,000	-	-	120,000	-	220,000

**REVENUE SOURCES:**

MEASURE A						100,000			120,000		220,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	100,000	-	-	120,000	-	220,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 626-Stormdrain Video Inspection

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Video inspection of storm drain lines shall be performed on an "on-call" Work Order basis at designated locations throughout the City.

**PROJECT JUSTIFICATION:**

Video inspection is needed to identify the condition of storm drain lines and plan for future maintenance.

626-Stormdrain Video Inspection	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	10,000	-	-	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN		10,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	55,000	-	-	-	-	-	-	-	-	55,000
IN-HOUSE SRV CHG CONSTRUCTION		10,000									
CONTRACTUAL SERVICES CONSTRUCTION		45,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	65,000	-	-	-	-	-	-	-	-	65,000
<b>REVENUE SOURCES:</b>											
AB1600-STORMWATER		65,000									65,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	65,000	-	-	-	-	-	-	-	-	65,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 601-2016-17 ADA/Sidewalk Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This is an on-going annual program to repair and improve curbs, gutters, sidewalks, and driveways throughout the City. Work shall be performed on an "on-call" work order basis at designated locations throughout the City. Contract management and inspection time spent by City staff is included in the overall CIP program budget. Reimbursement to the City for repairs made on behalf of property owners include the cost of City staff time. Reimbursements received from property owners will be deposited back into the project account.

**PROJECT JUSTIFICATION:**

This project assists in managing the City's risk by reducing or eliminating trip and fall hazards from public curbs, gutters and sidewalks.

601-2016-17 ADA/Sidewalk Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>		12,000	-	-	-	-	-	-	-	-	12,000
IN-HOUSE SRV CHG DESIGN		10,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		2,000									
<b>2-CONSTRUCTION</b>		103,000	-	-	-	-	-	-	-	-	103,000
IN-HOUSE SRV CHG CONSTRUCTION		20,000									
CONTRACTUAL SERVICES CONSTRUCTION		80,000									
ADMINISTRATION CONSTRUCTION		3,000									
<b>3-EQUIPMENT</b>		-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	115,000	-	-	-	-	-	-	-	-	115,000
<b>REVENUE SOURCES:</b>											
MEASURE A		115,000									115,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	115,000	-	-	-	-	-	-	-	-	115,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 601-2017-18 ADA/Sidewalk Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This is an on-going annual program to repair and improve curbs, gutters, sidewalks, and driveways throughout the City. Work shall be performed on an "on-call" work order basis at designated locations throughout the City. Contract management and inspection time spent by City staff is included in the overall CIP program budget. Reimbursement to the City for repairs made on behalf of property owners include the cost of City staff time. Reimbursements received from property owners will be deposited back into the project account.

### PROJECT JUSTIFICATION:

This project assists in managing the City's risk by reducing or eliminating trip and fall hazards from public curbs, gutters and sidewalks.

601-2017-18 ADA/Sidewalk Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	15,000	-	-	-	-	-	-	-	-	15,000
IN-HOUSE SRV CHG DESIGN		12,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		3,000									
<b>2-CONSTRUCTION</b>	-	-	105,000	-	-	-	-	-	-	-	105,000
IN-HOUSE SRV CHG CONSTRUCTION			20,000								
CONTRACTUAL SERVICES CONSTRUCTION			83,000								
ADMINISTRATION CONSTRUCTION			2,000								
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	15,000	105,000	-	-	-	-	-	-	-	120,000
<b>REVENUE SOURCES:</b>											
MEASURE A		15,000	105,000								120,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	15,000	105,000	-	-	-	-	-	-	-	120,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 601-2018-19 ADA/Sidewalk Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This is an on-going annual program to repair and improve curbs, gutters, sidewalks, and driveways throughout the City. Work shall be performed on an "on-call" work order basis at designated locations throughout the City. Contract management and inspection time spent by City staff is included in the overall CIP program budget. Reimbursement to the City for repairs made on behalf of property owners include the cost of City staff time. Reimbursements received from property owners will be deposited back into the project account.

**PROJECT JUSTIFICATION:**

This project assists in managing the City's risk by reducing or eliminating trip and fall hazards from public curbs, gutters and sidewalks.

601-2018-19 ADA/Sidewalk Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	15,000	-	-	-	-	-	-	-	15,000
IN-HOUSE SRV CHG DESIGN			12,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			3,000								
<b>2-CONSTRUCTION</b>	-	-	-	110,000	-	-	-	-	-	-	110,000
IN-HOUSE SRV CHG CONSTRUCTION				20,000							
CONTRACTUAL SERVICES CONSTRUCTION				88,000							
ADMINISTRATION CONSTRUCTION				2,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	15,000	110,000	-	-	-	-	-	-	125,000
<b>REVENUE SOURCES:</b>											
MEASURE A			15,000	110,000							125,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	15,000	110,000	-	-	-	-	-	-	125,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-2019-20 ADA/Sidewalk Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This is an on-going annual program to repair and improve curbs, gutters, sidewalks, and driveways throughout the City. Work shall be performed on an "on-call" work order basis at designated locations throughout the City. Contract management and inspection time spent by City staff is included in the overall CIP program budget. Reimbursement to the City for repairs made on behalf of property owners include the cost of City staff time. Reimbursements received from property owners will be deposited back into the project account.

**PROJECT JUSTIFICATION:**

This project assists in managing the City's risk by reducing or eliminating trip and fall hazards from public curbs, gutters and sidewalks.

FUT-2019-20 ADA/Sidewalk Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	15,000	-	-	-	-	-	-	15,000
IN-HOUSE SRV CHG DESIGN				13,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				2,000							
<b>2-CONSTRUCTION</b>	-	-	-	-	115,000	-	-	-	-	-	115,000
IN-HOUSE SRV CHG CONSTRUCTION					20,000						
CONTRACTUAL SERVICES CONSTRUCTION					93,000						
ADMINISTRATION CONSTRUCTION					2,000						
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	15,000	115,000	-	-	-	-	-	130,000
<b>REVENUE SOURCES:</b>											
MEASURE A				15,000	115,000						130,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	15,000	115,000	-	-	-	-	-	130,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-2020-21 ADA/Sidewalk Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This is an on-going annual program to repair and improve curbs, gutters, sidewalks, and driveways throughout the City. Work shall be performed on an "on-call" work order basis at designated locations throughout the City. Contract management and inspection time spent by City staff is included in the overall CIP program budget. Reimbursement to the City for repairs made on behalf of property owners include the cost of City staff time. Reimbursements received from property owners will be deposited back into the project account.

### PROJECT JUSTIFICATION:

This project assists in managing the City's risk by reducing or eliminating trip and fall hazards from public curbs, gutters and sidewalks.

FUT-2020-21 ADA/Sidewalk Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	15,000	-	-	-	-	-	15,000
IN-HOUSE SRV CHG DESIGN					13,000						
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN					2,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	-	120,000	-	-	-	-	120,000
IN-HOUSE SRV CHG CONSTRUCTION						20,000					
CONTRACTUAL SERVICES CONSTRUCTION						98,000					
ADMINISTRATION CONSTRUCTION						2,000					
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	15,000	120,000	-	-	-	-	135,000
<b>REVENUE SOURCES:</b>											
MEASURE A					15,000	120,000					135,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	15,000	120,000	-	-	-	-	135,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Beyond 2021 ADA/Sidewalk Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This is an on-going annual program to repair and improve curbs, gutters, sidewalks, and driveways throughout the City. Work shall be performed on an "on-call" work order basis at designated locations throughout the City. Contract management and inspection time spent by City staff is included in the overall CIP program budget. Reimbursement to the City for repairs made on behalf of property owners include the cost of City staff time. Reimbursements received from property owners will be deposited back into the project account.

### PROJECT JUSTIFICATION:

This project assists in managing the City's risk by reducing or eliminating trip and fall hazards from public curbs, gutters and sidewalks.

FUT-Beyond 2021 ADA/Sidewalk Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	15,000	12,500	12,500	12,500	12,500	65,000
IN-HOUSE SRV CHG DESIGN						13,000	10,000	10,000	10,000	10,000	
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN						2,000	2,500	2,500	2,500	2,500	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	122,500	127,500	132,500	137,500	520,000
IN-HOUSE SRV CHG CONSTRUCTION							20,000	20,000	20,000	20,000	
CONTRACTUAL SERVICES CONSTRUCTION							100,000	105,000	110,000	115,000	
ADMINISTRATION CONSTRUCTION							2,500	2,500	2,500	2,500	
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	15,000	135,000	140,000	145,000	150,000	585,000
<b>REVENUE SOURCES:</b>											
MEASURE A						15,000	135,000	140,000	145,000	150,000	585,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	15,000	135,000	140,000	145,000	150,000	585,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 659-JSB/Geneva/San Pedro Pavement Rehab

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and overlay street segments selected from the City's 5-Year Master Plan for street repair and resurfacing in coordination with the City's Pavement Management System recommendations, the Streets Division, and Department of Water and Wastewater Resources. Repair and improve curbs, gutters, sidewalks, driveways and ADA curb ramps. Install bicycle routes and lanes per the City's Bicycle Master Plan. The Junipero Serra Boulevard, Geneva Avenue, and San Pedro Road Rehabilitation project will include the installation of ADA compliant curb ramps and rehabilitation of Junipero Serra Boulevard, Geneva Avenue and San Pedro Road. The intersection of John Daly Boulevard and Junipero Serra Boulevard along with patch work for the eastbound lane of John Daly Boulevard will be included as an alternate.

### PROJECT JUSTIFICATION:

Junipero Serra Blvd and Geneva Avenue have PCI's less than 25, which falls in the MTC's Pavement Category V (Very Poor Rating). Manages the City's risk by providing compliance with current ADA laws.

659-JSB/Geneva/San Pedro Pavement Rehab	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	<b>2,150,000</b>	-	-	-	-	-	-	-	-	<b>2,150,000</b>
IN-HOUSE SRV CHG CONSTRUCTION		100,000									
CONTRACTUAL SERVICES CONSTRUCTION		2,047,000									
ADMINISTRATION CONSTRUCTION		3,000									
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT	-										
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	<b>2,150,000</b>	-	-	-	-	-	-	-	-	<b>2,150,000</b>
<b>REVENUE SOURCES:</b>											
MEASURE A		2,000,000									2,000,000
WATER FUND		13,000									13,000
SANITATION DISTRICT		9,000									9,000
UNKNOWN SOURCE		128,000									128,000
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	<b>2,150,000</b>	-	-	-	-	-	-	-	-	<b>2,150,000</b>
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 608-2017-18 Street Resurfacing

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and overlay street segments selected from the City's 5-Year Master Plan for street repair and resurfacing in coordination with the City's Pavement Management System recommendations, the Streets Division, and Department of Water and Wastewater Resources. Repair and improve curbs, gutters, sidewalks, driveways and ADA curb ramps. Install bicycle routes and lanes per the City's Bicycle Master Plan. The 2017-18 Street Resurfacing project will include the installation of ADA compliant curb ramps and resurfacing of Longview Drive, Vale Street, Mateo Avenue, East Cavour Street, East Market Avenue, and Werner Avenue.

### PROJECT JUSTIFICATION:

The remaining life and condition of existing streets can be extended and preserved more cost effectively through timely street resurfacing before serious deterioration sets in. Manages the City's risk by providing compliance with current ADA laws.

608-2017-18 Street Resurfacing	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	155,000	-	-	-	-	-	-	-	-	155,000
IN-HOUSE SRV CHG DESIGN		50,000									
CONTRACTUAL SERVICES DESIGN		100,000									
ADMINISTRATION DESIGN		5,000									
<b>2-CONSTRUCTION</b>	-	-	1,210,000	-	-	-	-	-	-	-	1,210,000
IN-HOUSE SRV CHG CONSTRUCTION			106,000								
CONTRACTUAL SERVICES CONSTRUCTION			1,101,000								
ADMINISTRATION CONSTRUCTION			3,000								
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	155,000	1,210,000	-	-	-	-	-	-	-	1,365,000
<b>REVENUE SOURCES:</b>											
MEASURE A		155,000	1,060,000								1,215,000
WATER FUND			24,000								24,000
SANITATION DISTRICT			40,000								40,000
UNKNOWN SOURCE			86,000								86,000
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	155,000	1,210,000	-	-	-	-	-	-	-	1,365,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## NEW-2018-19 Street Resurfacing

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and overlay street segments selected from the City's 5-Year Master Plan for street repair and resurfacing in coordination with the City's Pavement Management System recommendations, the Streets Division, and Department of Water and Wastewater Resources. Repair and improve curbs, gutters, sidewalks, driveways and ADA curb ramps. Install bicycle routes and lanes per the City's Bicycle Master Plan. The 2018-19 Street Resurfacing project will include the installation of ADA compliant curb ramps and resurfacing of Guadalupe Canyon Parkway, Valley Street, 1st Avenue, 2nd Avenue, 3rd Avenue, and Westmoor Avenue.

### PROJECT JUSTIFICATION:

The remaining life and condition of existing streets can be extended and preserved more cost effectively through timely street resurfacing before serious deterioration sets in. Manages the City's risk by providing compliance with current ADA laws.

NEW-2018-19 Street Resurfacing	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	155,000	-	-	-	-	-	-	-	155,000
IN-HOUSE SRV CHG DESIGN			50,000								
CONTRACTUAL SERVICES DESIGN			100,000								
ADMINISTRATION DESIGN			5,000								
<b>2-CONSTRUCTION</b>	-	-	-	1,560,000	-	-	-	-	-	-	1,560,000
IN-HOUSE SRV CHG CONSTRUCTION				141,000							
CONTRACTUAL SERVICES CONSTRUCTION				1,416,000							
ADMINISTRATION CONSTRUCTION				3,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	155,000	1,560,000	-	-	-	-	-	-	1,715,000
<b>REVENUE SOURCES:</b>											
MEASURE A			155,000	1,410,000							1,565,000
WATER FUND				100,000							100,000
SANITATION DISTRICT				50,000							50,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	155,000	1,560,000	-	-	-	-	-	-	1,715,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-2019-20 Street Resurfacing

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and overlay street segments selected from the City's 5-Year Master Plan for street repair and resurfacing in coordination with the City's Pavement Management System recommendations, the Streets Division, and Department of Water and Wastewater Resources. Repair and improve curbs, gutters, sidewalks, driveways and ADA curb ramps. Install bicycle routes and lanes per the City's Bicycle Master Plan.

The 2019-20 Street Resurfacing project will include the installation of ADA compliant curb ramps and resurfacing of Hillside Boulevard, Washington Street, Heath Court, Berta Circle, Derby Street, Whittier Street, Hyde Court and Dennis Drive.

### PROJECT JUSTIFICATION:

The remaining life and condition of existing streets can be extended and preserved more cost effectively through timely street resurfacing before serious deterioration sets in. Manages the City's risk by providing compliance with current ADA laws.

FUT-2019-20 Street Resurfacing	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	155,000	-	-	-	-	-	-	155,000
IN-HOUSE SRV CHG DESIGN				50,000							
CONTRACTUAL SERVICES DESIGN				100,000							
ADMINISTRATION DESIGN				5,000							
<b>2-CONSTRUCTION</b>	-	-	-	-	1,650,000	-	-	-	-	-	1,650,000
IN-HOUSE SRV CHG CONSTRUCTION					150,000						
CONTRACTUAL SERVICES CONSTRUCTION					1,497,000						
ADMINISTRATION CONSTRUCTION					3,000						
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	155,000	1,650,000	-	-	-	-	-	1,805,000
<b>REVENUE SOURCES:</b>											
MEASURE A				155,000	1,500,000						1,655,000
WATER FUND					100,000						100,000
SANITATION DISTRICT					50,000						50,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	155,000	1,650,000	-	-	-	-	-	1,805,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-2020-21 Street Resurfacing

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and overlay street segments selected from the City's 5-Year Master Plan for street repair and resurfacing in coordination with the City's Pavement Management System recommendations, the Streets Division, and Department of Water and Wastewater Resources. Repair and improve curbs, gutters, sidewalks, driveways and ADA curb ramps. Install bicycle routes and lanes per the City's Bicycle Master Plan. The 2020-21 Street Resurfacing project will include the installation of ADA compliant curb ramps and resurfacing of MacDonald Avenue, Bryant Street, Pinehaven Drive, Christopher Court and San Fernando Way.

### PROJECT JUSTIFICATION:

The remaining life and condition of existing streets can be extended and preserved more cost effectively through timely street resurfacing before serious deterioration sets in. Manages the City's risk by providing compliance with current ADA laws.

FUT-2020-21 Street Resurfacing	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	160,000	-	-	-	-	-	160,000
IN-HOUSE SRV CHG DESIGN					55,000						
CONTRACTUAL SERVICES DESIGN					100,000						
ADMINISTRATION DESIGN					5,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	-	1,800,000	-	-	-	-	1,800,000
IN-HOUSE SRV CHG CONSTRUCTION						165,000					
CONTRACTUAL SERVICES CONSTRUCTION						1,632,000					
ADMINISTRATION CONSTRUCTION						3,000					
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	160,000	1,800,000	-	-	-	-	1,960,000
<b>REVENUE SOURCES:</b>											
MEASURE A					160,000	1,650,000					1,810,000
WATER FUND						100,000					100,000
SANITATION DISTRICT						50,000					50,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	160,000	1,800,000	-	-	-	-	1,960,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Beyond 2021 Street Resurfacing

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and overlay street segments selected from the City's 5-Year Master Plan for street repair and resurfacing in coordination with the City's Pavement Management System recommendations, the Streets Division, and Department of Water and Wastewater Resources. Repair and improve curbs, gutters, sidewalks, driveways and ADA curb ramps. Install bicycle routes and lanes per the City's Bicycle Master Plan.

### PROJECT JUSTIFICATION:

The remaining life and condition of existing streets can be extended and preserved more cost effectively through timely street resurfacing before serious deterioration sets in. Manages the City's risk by providing compliance with current ADA laws.

FUT-Beyond 2021 Street Resurfacing	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	165,000	170,000	175,000	180,000	185,000	875,000
IN-HOUSE SRV CHG DESIGN						60,000	65,000	70,000	75,000	80,000	
CONTRACTUAL SERVICES DESIGN						100,000	100,000	100,000	100,000	100,000	
ADMINISTRATION DESIGN						5,000	5,000	5,000	5,000	5,000	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	1,600,000	1,635,000	1,685,000	1,750,000	6,670,000
IN-HOUSE SRV CHG CONSTRUCTION							145,000	148,500	150,000	160,000	
CONTRACTUAL SERVICES CONSTRUCTION							1,452,000	1,483,500	1,532,000	1,587,000	
ADMINISTRATION CONSTRUCTION							3,000	3,000	3,000	3,000	
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	165,000	1,770,000	1,810,000	1,865,000	1,935,000	7,545,000
<b>REVENUE SOURCES:</b>											
MEASURE A						165,000	1,620,000	1,660,000	1,715,000	1,785,000	6,945,000
WATER FUND							100,000	100,000	100,000	100,000	400,000
SANITATION DISTRICT							50,000	50,000	50,000	50,000	200,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	165,000	1,770,000	1,810,000	1,865,000	1,935,000	7,545,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 635-Westlake Street Slurry Seal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The application of latex-modified asphalt slurry seal on selected streets citywide per the 7-year Street Slurry Seal Master Plan and in coordination with the City's pavement Management System recommendations. The operating impact will reduce the street maintenance effort for pavement repair and patching. The Westlake slurry seal project will examine the following streets and a slurry seal will be applied if it is determined to be an appropriate treatment: Belford Dr., Belmar Ave., Belmont Dr., Cliffside Dr., Crestwood Dr., Dorchester Dr., Eastgate., Elmwood Dr., Fairlawn Ave., Fairlawn Ct., Fairmont Dr., Forest Grove Dr., Glenwood Ave., Hillsdale Ave., Lake Merced Blvd., Lake Vista Ave., Lakewood Dr., Maddux Dr., N. Mayfair Ave., Northgate Ave., Parkwood Dr., Rockford., S. Mayfair Ave., Sheffield Dr., Westlawn Ave., Westmont Dr., Weston Dr., Wilshire Ave.

### PROJECT JUSTIFICATION:

The life and condition of residential streets, which have not deteriorated significantly to require re-paving, can be more cost-effectively preserved with the application of latex-modified asphalt slurry seal.

635-Westlake Street Slurry Seal	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	1,145,000	-	-	-	-	-	-	-	-	1,145,000
IN-HOUSE SRV CHG CONSTRUCTION		40,000									
CONTRACTUAL SERVICES CONSTRUCTION		1,104,000									
ADMINISTRATION CONSTRUCTION		1,000									
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	1,145,000	-	-	-	-	-	-	-	-	1,145,000
<b>REVENUE SOURCES:</b>											
MEASURE M		300,000									300,000
MEASURE A		845,000									845,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	1,145,000	-	-	-	-	-	-	-	-	1,145,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 631-Bayshore Street Slurry Seal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The application of latex-modified asphalt slurry seal on selected streets citywide per the 7-year Street Slurry Seal Master Plan and in coordination with the City's pavement Management System recommendations. The operating impact will reduce the street maintenance effort for pavement repair and patching. The Bayshore slurry seal project will examine the following streets and a slurry seal will be applied if it is determined to be an appropriate treatment: Accacia St., Alexis Circle, Allan St., Alta Vista Way, Arden Ct., Ardendale Dr., Baltimore way, Bay Ridge Dr., Bayshore Blvd., Bellevue Ave., Calgary St., Canyon Dr., Caroline way, Carter St., Castillo St., Cordova St., Crocker Ave., Dalerose Ct., Estate Ct., Farrier Place, Geneva Ave., Jacqueline Ct., Jacqueline Ln., Linda Vista Dr., MacDonald Ave., Martin Trail, Martin St., Mira Vista Ct., Nancy Lane, Oakridge Dr., Oriente St., Pasadena St., Polaris Way, Pueblo St., Rio Verde St., Schwerin St., Sharon Ct., South Hill Blvd., South Hill Ct., Steve Courter Way, Talbert St., Velasco Ave.

### PROJECT JUSTIFICATION:

The life and condition of residential streets, which have not deteriorated significantly to require re-paving, can be more cost-effectively preserved with the application of latex-modified asphalt slurry seal.

631-Bayshore Street Slurry Seal	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	45,000	-	-	-	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN		40,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		5,000									
<b>2-CONSTRUCTION</b>	-	-	1,155,000	-	-	-	-	-	-	-	1,155,000
IN-HOUSE SRV CHG CONSTRUCTION			40,000								
CONTRACTUAL SERVICES CONSTRUCTION			1,114,000								
ADMINISTRATION CONSTRUCTION			1,000								
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	45,000	1,155,000	-	-	-	-	-	-	-	1,200,000
<b>REVENUE SOURCES:</b>											
MEASURE M			300,000								300,000
MEASURE A		45,000	855,000								900,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	45,000	1,155,000	-	-	-	-	-	-	-	1,200,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 629-St Francis Heights Street Slurry Seal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The application of latex-modified asphalt slurry seal on selected streets citywide per the 7-year Street Slurry Seal Master Plan and in coordination with the City's pavement Management System recommendations. The operating impact will reduce the street maintenance effort for pavement repair and patching. The St. Francis Heights slurry seal project will examine the following streets and a slurry seal will be applied if it is determined to be an appropriate treatment: Alta Loma Ave., Belhaven Ave., Belhaven Ct., Buena Vista Ave., Campana Ave., Carleton Ave., Castillejo Dr., Cerro Ct., Cerro Dr., Clarinada Ave., Del Prado Dr., Eastmoor Ave., Edgemont Dr., El Dorado Dr., Escuela Dr., Glenbrook Ave., Grandview Ave., Higate Dr., Huntington Dr., Lakeshire Dr., Larkspur Ave., Lincoln Ave., Mariposa Ave., Mayfield Ave., Midvale Dr., Monterey Dr., Northaven Dr., Olcese Ct., Pamela Ct., Portola Ave., Ridgefield Ave., Rockridge Ave., San Fernando Way, San Miguel Ave., Santa Elena Ave., Santa Paula Dr., Santa Rita Ave., Savage Way, Shelbourne Ave., Southdale Ave., St. Catherine Dr., St. Francis Blvd, St. James Ct., St. Marks Ct., St. Michaels Ct., Verano Dr., Woodland Ave., Woodside Ave., Zita Manor

### PROJECT JUSTIFICATION:

The life and condition of residential streets, which have not deteriorated significantly to require re-paving, can be more cost-effectively preserved with the application of latex-modified asphalt slurry seal.

629-St Francis Heights Street Slurry Seal	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	45,000	-	-	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN			40,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			5,000								
<b>2-CONSTRUCTION</b>	-	-	-	1,165,000	-	-	-	-	-	-	1,165,000
IN-HOUSE SRV CHG CONSTRUCTION				40,000							
CONTRACTUAL SERVICES CONSTRUCTION				1,124,000							
ADMINISTRATION CONSTRUCTION				1,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	45,000	1,165,000	-	-	-	-	-	-	1,210,000

### REVENUE SOURCES:

MEASURE M				300,000							300,000
MEASURE A			45,000	865,000							910,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	45,000	1,165,000	-	-	-	-	-	-	1,210,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Crocker/Hillside Street Slurry Seal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The application of latex-modified asphalt slurry seal on selected streets citywide per the 7-year Street Slurry Seal Master Plan and in coordination with the City's pavement Management System recommendations. The operating impact will reduce the street maintenance effort for pavement repair and patching. The Crocker and Hillside slurry seal project will examine the following streets and a slurry seal will be applied if it is determined to be an appropriate treatment: Abbot Ave., Acton St., Alexander Ave., Alp Ave., Atlanta St., Bellevue Ave., Beta Ave., Bismarck St., Blossom Ct., Bonnie St., Brunswick Ct., Brunswick St., Castle St., Chelsea Ct., Clayton Ct., Cobblestone Ct., Como Ave., Cottonwood Dr., County St., Craig Ct., Crocker Ave., Deanne Ln., E. Cavour St., East Market St., East Moltke St., East Vista Ave., Eastlake Ave., Edgemar St., Edgewood Ct., Evergreen Ave., First Ave., Fisher St., Florence St., Ford St., Frankfort St., Gambetta St., Garibaldi St., Garwood Dr., Guadalupe Pkwy, Guttenberg St., Hanover St., Hillside Blvd., Irvington St., Lausanne Ave., Lisbon St., Linden St., Lowell St., Mar Vista Dr., Marshall Way, Muirwood Dr., Oliver St., Orange Ct., Parma St., Partridge Ln., Paul St., Peoria St., Peter St., Price St., Risel Ave., Roosevelt Ave., Royce Way, Second Ave., Sylvan St., Tallwood Dr., Templeton Ave., Templeton Ave., Teresa St., Thiers St., Third Ave., Valley St., Villa St., Wellington Ave., Whittier St., Winchester St., Wyandotte Ave.

### PROJECT JUSTIFICATION:

The life and condition of residential streets, which have not deteriorated significantly to require re-paving, can be more cost-effectively preserved with the application of latex-modified asphalt slurry seal.

FUT-Crocker/Hillside Street Slurry Seal	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	45,000	-	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN				40,000							
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				5,000							
<b>2-CONSTRUCTION</b>	-	-	-	-	1,175,000	-	-	-	-	-	1,175,000
IN-HOUSE SRV CHG CONSTRUCTION					40,000						
CONTRACTUAL SERVICES CONSTRUCTION					1,134,000						
ADMINISTRATION CONSTRUCTION					1,000						
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	45,000	1,175,000	-	-	-	-	-	1,220,000
<b>REVENUE SOURCES:</b>											
MEASURE M					300,000						300,000
MEASURE A				45,000	875,000						920,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	45,000	1,175,000	-	-	-	-	-	1,220,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Original Daly City/Civic Center Street Slurry Seal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The application of latex-modified asphalt slurry seal on selected streets citywide per the 7-year Street Slurry Seal Master Plan and in coordination with the City's pavement Management System recommendations. The operating impact will reduce the street maintenance effort for pavement repair and patching. The Original Daly City and Civic Center slurry seal project will examine the following streets and a slurry seal will be applied if it is determined to be an appropriate treatment: 88th St., 89th St., 90th St., 91st St., 92nd St., Allemany St., B St., Bepler St., Briggs St., Bruno Ave., Bryant St., Citrus Ave., D St., De Long St., Dixon Ct., Edgeworth Ave., Flournoy St., Goethe St., Guadalupe Ave., Hill St., Hillcrest Dr., John Daly Blvd., Junipero, Serra Blvd., Knowles Ave., Los Banos Ave., Los Olivos Ave., Mateo Ave., Miriam St., Mission Cir., N. Parkview Ave., Niantic Ave., Parkview Ave., Pierce St., San Diego Ave., San Pedro Rd., Santa Barbara Ave., Santa Cruz Ave., School St., Shakespeare St., South Parkview Ave., Station Ave., Sullivan Ave., Vale St., Vendome Ave., Vista Grande Ave., W. Cavour St., W. Moltke St., Washington St., Werner Ave., West Market St., Westlake Ave., Willits St., Wilson St., Woodrow St.

### PROJECT JUSTIFICATION:

The life and condition of residential streets, which have not deteriorated significantly to require re-paving, can be more cost-effectively preserved with the application of latex-modified asphalt slurry seal.

FUT-Original Daly City/Civic Center Street Slurry Seal	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	45,000	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN					40,000						
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN					5,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	-	1,341,000	-	-	-	-	1,341,000
IN-HOUSE SRV CHG CONSTRUCTION						40,000					
CONTRACTUAL SERVICES CONSTRUCTION						1,300,000					
ADMINISTRATION CONSTRUCTION						1,000					
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	45,000	1,341,000	-	-	-	-	1,386,000
<b>REVENUE SOURCES:</b>											
MEASURE M						300,000					300,000
MEASURE A					45,000	1,041,000					1,086,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	45,000	1,341,000	-	-	-	-	1,386,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Beyond 2021 Street Slurry Seal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The application of latex-modified asphalt slurry seal on selected streets citywide per the 7-year Street Slurry Seal Master Plan and in coordination with the City's pavement Management System recommendations. The operating impact will reduce the street maintenance effort for pavement repair and patching.

### PROJECT JUSTIFICATION:

The life and condition of residential streets, which have not deteriorated significantly to require re-paving, can be more cost-effectively preserved with the application of latex-modified asphalt slurry seal.

FUT-Beyond 2021 Street Slurry Seal	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	45,000	45,000	45,000	45,000	45,000	225,000
IN-HOUSE SRV CHG DESIGN						40,000	40,000	40,000	40,000	40,000	
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN						5,000	5,000	5,000	5,000	5,000	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	1,199,000	1,209,000	1,219,000	1,234,000	4,861,000
IN-HOUSE SRV CHG CONSTRUCTION							40,000	40,000	40,000	40,000	
CONTRACTUAL SERVICES CONSTRUCTION							1,158,000	1,168,000	1,178,000	1,193,000	
ADMINISTRATION CONSTRUCTION							1,000	1,000	1,000	1,000	
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	45,000	1,244,000	1,254,000	1,264,000	1,279,000	5,086,000
<b>REVENUE SOURCES:</b>											
MEASURE M							300,000	300,000	300,000	300,000	1,200,000
MEASURE A						45,000	944,000	954,000	964,000	979,000	3,886,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	45,000	1,244,000	1,254,000	1,264,000	1,279,000	5,086,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 679-Callan Blvd/Serramonte Blvd Traffic Signal Installation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install new traffic signal at Callan Boulevard/Serramonte Boulevard and communication to nearby intersection. Increase in traffic signal operating costs due to increase utility costs.

**PROJECT JUSTIFICATION:**

The intersection meets the warrants for a traffic signal. Traffic from nearby developments will degrade the level of service to an unacceptable level at the intersection.

679-Callan Blvd/Serramonte Blvd Traffic Signal Installation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	465,000	-	-	-	-	-	-	-	-	-	465,000
IN-HOUSE SRV CHG CONSTRUCTION	7,000										
CONTRACTUAL SERVICES CONSTRUCTION	423,000										
ADMINISTRATION CONSTRUCTION	35,000										
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	<b>465,000</b>	<b>-</b>	<b>465,000</b>								
<b>REVENUE SOURCES:</b>											
AB1600-TRANSPORTATION	465,000										465,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	<b>465,000</b>	<b>-</b>	<b>465,000</b>								
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE	600	600	610	625	650	675	700	730	760	800	6,750
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	<b>600</b>	<b>600</b>	<b>610</b>	<b>625</b>	<b>650</b>	<b>675</b>	<b>700</b>	<b>730</b>	<b>760</b>	<b>800</b>	<b>6,750</b>

## 642-Centralized Controller / Battery Back-up Traffic Signal

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Purchase and installation battery back-up systems for each traffic signal. Impact on operating budget would be negligible. Replace and upgrade traffic signal equipment, include traffic signal controller, traffic signal cabinets and conflict monitors for better coordination and technical support. Install communication between the traffic signals and City Hall and corporation yard. Purchase and install central signal system to manage traffic signals.

### PROJECT JUSTIFICATION:

The battery back-up system would allow the traffic signal to continue to operate during a power outage. This would reduce traffic congestion and injury accidents and free up personnel costs as police are often called out to direct traffic at major intersections. The traffic signal equipment at various locations is obsolete and no longer supported by the manufacturer. Upgrading the traffic controllers would allow staff to remotely monitor the traffic signals and reduce trips to the traffic signal cabinets.

### 642-Centralized Controller / Battery Back-up Traffic Signal

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	82,000	-	-	-	-	-	12,000	-	-	94,000
IN-HOUSE SRV CHG DESIGN		25,000						10,000			
CONTRACTUAL SERVICES DESIGN		52,000									
ADMINISTRATION DESIGN		5,000						2,000			
<b>2-CONSTRUCTION</b>	-	-	828,000	-	-	-	-	238,000	-	-	1,066,000
IN-HOUSE SRV CHG CONSTRUCTION			30,000					10,000			
CONTRACTUAL SERVICES CONSTRUCTION			790,000					225,000			
ADMINISTRATION CONSTRUCTION			8,000					3,000			
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	82,000	828,000	-	-	-	-	250,000	-	-	1,160,000

### REVENUE SOURCES:

AB1600-TRANSPORTATION		82,000	828,000					250,000			1,160,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	82,000	828,000	-	-	-	-	250,000	-	-	1,160,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 640-Callan Blvd/Serramonte Center Driveway Traffic Signal Installation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install new traffic signal at Callan Boulevard/Serramonte Center Driveway and communication to nearby intersection. Increase in traffic signal operating costs due to increase utility costs.

**PROJECT JUSTIFICATION:**

Traffic will increase with the expansion of the shopping center and the construction of the parking garage. The traffic signal is needed to manage traffic entering and exiting the shopping center driveway.

640-Callan Blvd/Serramonte Center Driveway Traffic Signal Installation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	38,000	-	-	-	-	-	-	-	38,000
IN-HOUSE SRV CHG DESIGN			6,000								
CONTRACTUAL SERVICES DESIGN			30,000								
ADMINISTRATION DESIGN			2,000								
<b>2-CONSTRUCTION</b>	-	-	412,000	-	-	-	-	-	-	-	412,000
IN-HOUSE SRV CHG CONSTRUCTION			35,000								
CONTRACTUAL SERVICES CONSTRUCTION			375,000								
ADMINISTRATION CONSTRUCTION			2,000								
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	450,000	-	-	-	-	-	-	-	450,000
<b>REVENUE SOURCES:</b>											
AB1600-TRANSPORTATION			450,000								450,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	450,000	-	-	-	-	-	-	-	450,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE			600	610	625	650	675	700	730	760	5,350
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	600	610	625	650	675	700	730	760	5,350

## 647-Emergency Vehicle Preemption

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install traffic emergency preemption equipment at 32 traffic signals and on 15 emergency vehicles.

**PROJECT JUSTIFICATION:**

The devices would allow emergency vehicles to reduce emergency response times and reduce potential accidents at signalized intersections.

647-Emergency Vehicle Preemption	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	25,000	-	-	-	-	-	-	-	25,000
IN-HOUSE SRV CHG DESIGN			21,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			4,000								
<b>2-CONSTRUCTION</b>	-	-	-	330,000	-	-	-	-	-	-	330,000
IN-HOUSE SRV CHG CONSTRUCTION				25,000							
CONTRACTUAL SERVICES CONSTRUCTION				300,000							
ADMINISTRATION CONSTRUCTION				5,000							
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	25,000	330,000	-	-	-	-	-	-	355,000
<b>REVENUE SOURCES:</b>											
AB1600-TRANSPORTATION			25,000	330,000							355,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	25,000	330,000	-	-	-	-	-	-	355,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Lake Merced Blvd/Southgate Ave Traffic Signal Installation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install new traffic signal at Lake Merced Boulevard/Southgate Avenue and communication to nearby intersection. Increase in traffic signal operating costs due to increase utility costs.

**PROJECT JUSTIFICATION:**

Background traffic and project traffic from nearby developments will increase, causing the intersection to meet warrants for a traffic signal.

**FUT-Lake Merced Blvd/Southgate Ave Traffic Signal Installation**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	45,000	-	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN				10,000							
CONTRACTUAL SERVICES DESIGN				32,000							
ADMINISTRATION DESIGN				3,000							
<b>2-CONSTRUCTION</b>	-	-	-	-	435,000	-	-	-	-	-	435,000
IN-HOUSE SRV CHG CONSTRUCTION					30,000						
CONTRACTUAL SERVICES CONSTRUCTION					400,000						
ADMINISTRATION CONSTRUCTION					5,000						
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	45,000	435,000	-	-	-	-	-	480,000

**REVENUE SOURCES:**

AB1600-TRANSPORTATION				45,000	435,000						480,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	45,000	435,000	-	-	-	-	-	480,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE					650	675	700	730	760	800	4,315
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	650	675	700	730	760	800	4,315

## FUT-Southgate Ave/Callan Blvd Traffic Signal Installation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install new traffic signal at Southgate Avenue/Callan Boulevard and communications to nearby intersection. Increase in traffic signal operating costs due to increase utility costs.

**PROJECT JUSTIFICATION:**

Background traffic and project traffic from nearby developments will increase, causing the intersection to meet warrants for a traffic signal.

FUT-Southgate Ave/Callan Blvd Traffic Signal Installation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	45,000	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN					10,000						
CONTRACTUAL SERVICES DESIGN					32,000						
ADMINISTRATION DESIGN					3,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	-	435,000	-	-	-	-	435,000
IN-HOUSE SRV CHG CONSTRUCTION						30,000					
CONTRACTUAL SERVICES CONSTRUCTION						400,000					
ADMINISTRATION CONSTRUCTION						5,000					
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	45,000	435,000	-	-	-	-	480,000
<b>REVENUE SOURCES:</b>											
AB1600-TRANSPORTATION					45,000	435,000					480,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	45,000	435,000	-	-	-	-	480,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE						650	675	700	730	760	3,515
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	650	675	700	730	760	3,515

## FUT-Clarinada Ave/SR 1 On/Off Ramps Traffic Signal Installation

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Install new traffic signal at Clarinada Avenue/SR 1 On/Off-Ramps and communication to nearby intersection. Increase in traffic signal operating costs due to increase utility costs.

### PROJECT JUSTIFICATION:

Background traffic and project traffic from nearby developments will increase, causing the intersection to meet warrants for a traffic signal.

### FUT-Clarinada Ave/SR 1 On/Off Ramps Traffic Signal Installation

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	45,000	-	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN					10,000						
CONTRACTUAL SERVICES DESIGN					32,000						
ADMINISTRATION DESIGN					3,000						
<b>2-CONSTRUCTION</b>	-	-	-	-	-	435,000	-	-	-	-	435,000
IN-HOUSE SRV CHG CONSTRUCTION						30,000					
CONTRACTUAL SERVICES CONSTRUCTION						400,000					
ADMINISTRATION CONSTRUCTION						5,000					
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	45,000	435,000	-	-	-	-	480,000

### REVENUE SOURCES:

AB1600-TRANSPORTATION					45,000	435,000					480,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	45,000	435,000	-	-	-	-	480,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE						650	675	700	730	760	3,515
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	650	675	700	730	760	3,515

## FUT-Serramonte Blvd/SR 1-On/Off Ramps Traffic Signal Installation

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Install new traffic signal at Serramonte Boulevard/SR 1 On-/Off-Ramps and communication to nearby intersection. Increase in traffic signal operating costs due to increase utility costs.

### PROJECT JUSTIFICATION:

Background traffic and project traffic from nearby developments will increase, causing the intersection to meet warrants for a traffic signal.

### FUT-Serramonte Blvd/SR 1-On/Off Ramps Traffic Signal Installation

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	45,000	-	-	-	-	45,000
IN-HOUSE SRV CHG DESIGN						10,000					
CONTRACTUAL SERVICES DESIGN						32,000					
ADMINISTRATION DESIGN						3,000					
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	435,000	-	-	-	435,000
IN-HOUSE SRV CHG CONSTRUCTION							30,000				
CONTRACTUAL SERVICES CONSTRUCTION							400,000				
ADMINISTRATION CONSTRUCTION							5,000				
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	45,000	435,000	-	-	-	480,000

### REVENUE SOURCES:

AB1600-TRANSPORTATION						45,000	435,000				480,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	45,000	435,000	-	-	-	480,000

### IMPACT ON OPERATING BUDGET

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE							650	675	700	730	2,755
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	650	675	700	730	2,755

## 664-Bicycle and Pedestrian Master Plan

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The Daly City Bicycle and Pedestrian Master Plan will be updated to identify the improvements necessary to improve the safety and accessibility of the City's multimodal transportation network. Robust community outreach will be conducted to better reflect current area conditions and stakeholder needs. Existing conditions will be studied and a needs analysis will develop estimates for demand and network suitability to guide the preparation of the Plan. A comprehensive list of prioritized bicycle and pedestrian project and programmatic recommendations will be developed along with an implementation plan to ensure progress in the Plan's completion. The City has applied for the Caltrans Sustainable Communities Grant for the purpose of updating the Bicycle and Master Plan.

### PROJECT JUSTIFICATION:

The current Daly City Bicycle and Pedestrian Master Plan is in need of an update to provide a more detailed vision and strategy for the improvement of bicycle and pedestrian facilities. The enhanced safety and comfort of bicycle and pedestrian facilities will encourage the public to choose alternate modes of transportation such as walking, bicycling and public transportation. Creating a walkable and bikeable community will provide health and environmental benefits by reducing air pollution and emissions of greenhouse gases. Our community will increase its economic competitiveness by creating a more desirable place to live and work.

664-Bicycle and Pedestrian Master Plan	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	300,000	-	-	-	-	-	-	-	-	300,000
IN-HOUSE SRV CHG DESIGN		45,000									
CONTRACTUAL SERVICES DESIGN		250,000									
ADMINISTRATION DESIGN		5,000									
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	300,000	-	-	-	-	-	-	-	-	300,000
<b>REVENUE SOURCES:</b>											
MEASURE A		61,000									61,000
GRANT		239,000									239,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	300,000	-	-	-	-	-	-	-	-	300,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 638-Central Corridor Bike/Ped Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install bike lanes and routes, curb, gutter, sidewalk, bulb-outs, ADA compliant curb ramps, and other pedestrian facility enhancements. Project locations include: Eastmoor Ave/San Pedro Rd/East Market St/Guadalupe Canyon Parkway; Junipero Serra Blvd between John Daly Blvd and the City limit (near D Street); Mission Street between San Pedro Rd and A Street. City was awarded ATP and TDA grant funds to complete the project.

**PROJECT JUSTIFICATION:**

The project will increase the number of bicycling and walking trips in Daly City, improve safety and mobility, and help achieve greenhouse gas reductions.

638-Central Corridor Bike/Ped Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>		300,000	-	-	-	-	-	-	-	-	300,000
IN-HOUSE SRV CHG DESIGN		75,000									
CONTRACTUAL SERVICES DESIGN		225,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	1,976,000	-	-	-	-	-	-	1,976,000
IN-HOUSE SRV CHG CONSTRUCTION				76,000							
CONTRACTUAL SERVICES CONSTRUCTION				1,900,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	300,000	-	1,976,000	-	-	-	-	-	-	2,276,000
<b>REVENUE SOURCES:</b>											
GRANT		250,000		1,769,000							2,019,000
GRANT				154,000							154,000
AB1600-TRANSPORTATION		50,000		53,000							103,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	300,000	-	1,976,000	-	-	-	-	-	-	2,276,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 637-Enhanced Pedestrian and Bicycle Visibility

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The Enhanced Pedestrian and Bicycle Visibility Project proposes to install crosswalk warning light systems at various intersections and to construct all the remaining bicycle routes and lanes that are feasible at this time from the City of Daly City's Bicycle Master Plan. The new crosswalk warning light system is anticipated to require maintenance and repair by a street light operations technician.

### PROJECT JUSTIFICATION:

There is a potential to enhance pedestrian and bicycle safety and visibility within several intersections and streets in Daly City. Crosswalk warning light systems help to enhance pedestrian safety across unsignalized crosswalks. Cycling activity relies heavily on the conditions of a bicycle network. The bicycle network in Daly City is limited and disconnected.

637-Enhanced Pedestrian and Bicycle Visibility	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	36,000	-	-	-	-	-	-	-	-	36,000
IN-HOUSE SRV CHG DESIGN		35,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		1,000									
<b>2-CONSTRUCTION</b>	-	339,000	-	-	-	-	-	-	-	-	339,000
IN-HOUSE SRV CHG CONSTRUCTION		22,000									
CONTRACTUAL SERVICES CONSTRUCTION		315,500									
ADMINISTRATION CONSTRUCTION		1,500									
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	375,000	-	-	-	-	-	-	-	-	375,000
<b>REVENUE SOURCES:</b>											
AB1600-TRANSPORTATION		37,500									37,500
GRANT		337,500									337,500
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	375,000	-	-	-	-	-	-	-	-	375,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL			1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	22,000
OPERATING & MAINTENANCE				500	500	500	500	500	500	500	3,500
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	1,000	2,000	2,500	3,000	3,500	4,000	4,500	5,000	25,500

## 644-Geneva Ave Lane Signs Replacement

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Remove the existing lane designation signs on Geneva Avenue in front of the Cow Palace and replace the signs with a dynamic message sign.

### PROJECT JUSTIFICATION:

The existing signs are mechanical and old. The new signs will be easier to use and allow for greater flexibility in message display.

644-Geneva Ave Lane Signs Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	10,000	-	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN			9,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			1,000								
<b>2-CONSTRUCTION</b>	-	-	-	38,000	-	-	-	-	-	-	38,000
IN-HOUSE SRV CHG CONSTRUCTION				7,000							
CONTRACTUAL SERVICES CONSTRUCTION				30,000							
ADMINISTRATION CONSTRUCTION				1,000							
<b>3-EQUIPMENT</b>	-	-	-	2,000	-	-	-	-	-	-	2,000
EQUIPMENT				2,000							
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	10,000	40,000	-	-	-	-	-	-	50,000
<b>REVENUE SOURCES:</b>											
MEASURE A			10,000	40,000							50,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	10,000	40,000	-	-	-	-	-	-	50,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 628-Geneva Ave Streetlight Installation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY 2016.  
 The project will provide funds for staff to prepare design plans and install City standard streetlights to replace overhead utility pole mounted lights.  
 Phase II (Schwerin Street to Bayshore Boulevard)

**PROJECT JUSTIFICATION:**

The City's utility undergrounding master plan and the Geneva Avenue Streetscape Improvement plan require removal of overhead utility wires and structures to enhance safety, aesthetics, and service reliability.

628-Geneva Ave Streetlight Installation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GAS TAX											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 630-Geneva Ave Undergrounding Phase 2

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY 2016.  
 This is for the City's share of an underground utility district along Geneva Avenue between Schwerin Street and Bayshore Boulevard (Phase II). The City will prepare, design, and install City standard street lights to replace utility pole mounted lights.  
 Staff will coordinate with utility companies to remove and replace their poles and overhead wires with underground facilities at their cost per appropriate regulations.

**PROJECT JUSTIFICATION:**

The City's utility undergrounding master plan and the Geneva Avenue Streetscape Improvement plan require removal of overhead utility wires and structures to enhance safety, aesthetics and service reliability.

**630-Geneva Ave Undergrounding Phase 2**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

**REVENUE SOURCES:**

GAS TAX											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 634-John Daly Blvd Bridge Lights Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Remove and replace the street lights on the John Daly Boulevard freeway bridge with LED fixtures. Energy costs will decrease with new LED fixtures.

**PROJECT JUSTIFICATION:**

The street light poles are rusted and the fixtures are in danger of falling off.

**634-John Daly Blvd Bridge Lights Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	12,000	-	-	-	-	-	-	-	-	12,000
IN-HOUSE SRV CHG DESIGN		10,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		2,000									
<b>2-CONSTRUCTION</b>	-	-	200,000	-	-	-	-	-	-	-	200,000
IN-HOUSE SRV CHG CONSTRUCTION			15,000								
CONTRACTUAL SERVICES CONSTRUCTION			180,000								
ADMINISTRATION CONSTRUCTION			5,000								
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	12,000	200,000	-	-	-	-	-	-	-	212,000

**REVENUE SOURCES:**

MEASURE A		12,000	200,000								212,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	12,000	200,000	-	-	-	-	-	-	-	212,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 677-John Daly Blvd Streetscape Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Continuing project from FY 2016.

The project improves John Daly Boulevard to enhance the multimodal connectivity between the BART station at DeLong Street and the bus transit hub at Mission Street. Improvements include the installation of bicycle lanes and/or routes, ADA compliant features, and a widened buffered sidewalk with seating and gathering points. Improvements also include the installation of landscaped median islands and bioswales to slow and naturally treat stormwater runoff. The project scope will be tailored to fit the budget available.

Impact: Increased cost associated with facility and landscape maintenance, site clean-up, and utilities. Some labor will be offset by the removal of the turf mounds in the medians, which are presently difficult to maintain.

### PROJECT JUSTIFICATION:

The project will support and encourage pedestrians, bicyclists, and transit users, and provide for stormwater treatment.

### 677-John Daly Blvd Streetscape Improvements

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	<b>290,000</b>	<b>260,000</b>	-	-	-	-	-	-	-	-	<b>550,000</b>
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION	290,000	260,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	<b>290,000</b>	<b>260,000</b>	-	-	-	-	-	-	-	-	<b>550,000</b>
<b>REVENUE SOURCES:</b>											
GRANT	290,000										290,000
SANITATION DISTRICT		260,000									260,000
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	<b>290,000</b>	<b>260,000</b>	-	-	-	-	-	-	-	-	<b>550,000</b>
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-RO 256 Palisades Streetlight Conversion

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Replace the outdated regulated output (RO) circuitry with current standard parallel circuitry, grouping the streetlights into smaller groups each with a dedicated power drop from PG&E. This conversion will allow for the streetlights to be converted to LED lights, reducing the utility costs. This project would cover the Palisades neighborhood, including Skyline Drive, Lynvale Court, Roslyn Court, Hillview Court, Palisades Drive, Montclair Avenue, Fernwood Avenue, Westridge Avenue, Seacliff Avenue, Crestview Avenue, Morningside Drive, Avalon Drive and Seaview Drive.

### PROJECT JUSTIFICATION:

The project will increase the reliability of the streetlights. RO circuit technology for powering streetlights is outdated, unreliable and expensive to operate and attempt to maintain. Updating the streetlight system to current technology, parallel circuitry and LED lighting will reduce maintenance cost, power consumption, streetlight outages and risk of injury to maintenance personnel due to working on a 4-thousand volt, high-voltage, electrical system rather than more common 120-volt electrical systems.

FUT-RO 256 Palisades Streetlight Conversion	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	105,000	-	-	-	-	105,000
IN-HOUSE SRV CHG DESIGN						40,000					
CONTRACTUAL SERVICES DESIGN						60,000					
ADMINISTRATION DESIGN						5,000					
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	702,000	-	-	-	702,000
IN-HOUSE SRV CHG CONSTRUCTION							45,000				
CONTRACTUAL SERVICES CONSTRUCTION							650,000				
ADMINISTRATION CONSTRUCTION							7,000				
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	105,000	702,000	-	-	-	807,000
<b>REVENUE SOURCES:</b>											
ASSESSMENT DISTRICT						105,000	702,000				807,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	105,000	702,000	-	-	-	807,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-RO 406 St Francis Heights Streetlight Conversion

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the outdated regulated output (RO) circuitry with current standard parallel circuitry, grouping the streetlights into smaller groups each with a dedicated power drop from PG&E. This conversion will allow for the streetlights to be converted to LED lights, reducing the utility costs. This project would cover the St. Francis Heights neighborhood, including Westmoor Avenue, Carleton Avenue, Glenbrook Avenue, Higate Drive, Larkspur Avenue, Eastwood Avenue, Lincoln Avenue, Rockridge Avenue, Shelbourne Avenue, Monterey Drive, Huntington Drive, Edgemont Drive, Lakeshire Drive and Mariposa Drive.

**PROJECT JUSTIFICATION:**

The project will increase the reliability of the streetlights. RO circuit technology for powering streetlights is outdated, unreliable and expensive to operate and attempt to maintain. Updating the streetlight system to current technology, parallel circuitry and LED lighting will reduce maintenance cost, power consumption, streetlight outages and risk of injury to maintenance personnel due to working on a 4-thousand volt, high-voltage, electrical system rather than more common 120-volt electrical systems.

FUT-RO 406 St Francis Heights Streetlight Conversion	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	95,000	-	-	-	95,000
IN-HOUSE SRV CHG DESIGN							35,000				
CONTRACTUAL SERVICES DESIGN							55,000				
ADMINISTRATION DESIGN							5,000				
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	550,000	-	-	550,000
IN-HOUSE SRV CHG CONSTRUCTION								45,000			
CONTRACTUAL SERVICES CONSTRUCTION								500,000			
ADMINISTRATION CONSTRUCTION								5,000			
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	95,000	550,000	-	-	645,000
<b>REVENUE SOURCES:</b>											
ASSESSMENT DISTRICT							95,000	550,000			645,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	95,000	550,000	-	-	645,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-RO 450 Westlake Streetlight Conversion

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Replace the outdated regulated output (RO) circuitry with current standard parallel circuitry, grouping the streetlights into smaller groups each with a dedicated power drop from PG&E. This conversion will allow for the streetlights to be converted to LED lights, reducing the utility costs. This project would cover the Westlake neighborhood south of John Daly Boulevard, including South Mayfair Avenue, Westbrook Avenue, Belford Drive, Ashland Drive, Lakewood Drive, Clifton Drive, Dorchester Drive, Elmwood Drive, Westbrook Avenue, Terrace Avenue, Bel Mar Avenue, Crestwood Drive and a section of Southgate Avenue.

### PROJECT JUSTIFICATION:

The project will increase the reliability of the streetlights. RO circuit technology for powering streetlights is outdated, unreliable and expensive to operate and attempt to maintain. Updating the streetlight system to current technology, parallel circuitry and LED lighting will reduce maintenance cost, power consumption, streetlight outages and risk of injury to maintenance personnel due to working on a 4-thousand volt, high-voltage, electrical system rather than more common 120-volt electrical systems.

FUT-RO 450 Westlake Streetlight Conversion	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	95,000	-	-	95,000
IN-HOUSE SRV CHG DESIGN								35,000			
CONTRACTUAL SERVICES DESIGN								55,000			
ADMINISTRATION DESIGN								5,000			
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	690,000	-	690,000
IN-HOUSE SRV CHG CONSTRUCTION									45,000		
CONTRACTUAL SERVICES CONSTRUCTION									640,000		
ADMINISTRATION CONSTRUCTION									5,000		
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	95,000	690,000	-	785,000
<b>REVENUE SOURCES:</b>											
ASSESSMENT DISTRICT								95,000	690,000		785,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	95,000	690,000	-	785,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-RO 460 Northridge Streetlight Conversion

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Replace the outdated regulated output (RO) circuitry with current standard parallel circuitry, grouping the streetlights into smaller groups each with a dedicated power drop from PG&E. This conversion will allow for the streetlights to be converted to LED lights, reducing the utility costs. This project would cover the Northridge neighborhood, including Avalon Drive, Skyline Drive, Northridge Drive, Carmel Avenue, Highland Avenue, Eaton Avenue, Wavecrest Drive, Westbrae Drive, Menlo Avenue and Oceanside Drive.

### PROJECT JUSTIFICATION:

The project will increase the reliability of the streetlights. RO circuit technology for powering streetlights is outdated, unreliable and expensive to operate and attempt to maintain. Updating the streetlight system to current technology, parallel circuitry and LED lighting will reduce maintenance cost, power consumption, streetlight outages and risk of injury to maintenance personnel due to working on a 4-thousand volt, high-voltage, electrical system rather than more common 120-volt electrical systems.

FUT-RO 460 Northridge Streetlight Conversion	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	95,000	-	95,000
IN-HOUSE SRV CHG DESIGN									35,000		
CONTRACTUAL SERVICES DESIGN									55,000		
ADMINISTRATION DESIGN									5,000		
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	625,000	625,000
IN-HOUSE SRV CHG CONSTRUCTION										45,000	
CONTRACTUAL SERVICES CONSTRUCTION										575,000	
ADMINISTRATION CONSTRUCTION										5,000	
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	95,000	625,000	720,000
<b>REVENUE SOURCES:</b>											
ASSESSMENT DISTRICT									95,000	625,000	720,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	95,000	625,000	720,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-RO Streetlight Conversion

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the outdated regulated output (RO) circuitry with current standard parallel circuitry, grouping the streetlights into smaller groups each with a dedicated power drop from PG&E. This conversion will allow for the streetlights to be converted to LED lights, reducing the utility costs. This project would include ROs 317, 322, 353, 366, 387, 405, 408, 411, 414, 572 and 577.

**PROJECT JUSTIFICATION:**

The project will increase the reliability of the streetlights. RO circuit technology for powering streetlights is outdated, unreliable and expensive to operate and attempt to maintain. Updating the streetlight system to current technology, parallel circuitry and LED lighting will reduce maintenance cost, power consumption, streetlight outages and risk of injury to maintenance personnel due to working on a 4-thousand volt, high-voltage, electrical system rather than more common 120-volt electrical systems.

FUT-RO Streetlight Conversion	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	95,000	95,000	95,000	285,000
IN-HOUSE SRV CHG DESIGN								35,000	35,000	35,000	
CONTRACTUAL SERVICES DESIGN								55,000	55,000	55,000	
ADMINISTRATION DESIGN								5,000	5,000	5,000	
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	760,000	760,000	1,520,000
IN-HOUSE SRV CHG CONSTRUCTION									55,000	55,000	
CONTRACTUAL SERVICES CONSTRUCTION									700,000	700,000	
ADMINISTRATION CONSTRUCTION									5,000	5,000	
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	95,000	855,000	855,000	1,805,000
<b>REVENUE SOURCES:</b>											
ASSESSMENT DISTRICT								95,000	855,000	855,000	1,805,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	95,000	855,000	855,000	1,805,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Crocker Avenue Sidewalk

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install sidewalk on Crocker Avenue where one currently does not exist.

**PROJECT JUSTIFICATION:**

This project will increase connectivity and enhance pedestrian safety.

FUT-Crocker Avenue Sidewalk	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GAS TAX											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Geneva Ave Streetscape

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Geneva Avenue Streetscape Master Plan, which includes enhanced sidewalks, improved street crossings, landscaped median islands, and pedestrian-scale street lighting

### PROJECT JUSTIFICATION:

Geneva Avenue Streetscape Master Plan

FUT-Geneva Ave Streetscape	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GAS TAX											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Hillside Blvd Reconstruction

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Reconstruct the road base, reduce the street crown, repair failed areas, and resurface the street with an asphalt overlay. Upgrade affected street crossings to meet current ADA requirements.

**PROJECT JUSTIFICATION:**

Hillside Blvd. roadway has reached the end of its useful life and will require reconstruction. ADA upgrades at street crossings are required as part of the project.

FUT-Hillside Blvd Reconstruction	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GAS TAX											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-John Daly Blvd/I-280 Overpass Widening/Foot Bridge

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install pedestrian and bicycle accommodations on the westbound direction of the John Daly Boulevard/I-280 overpass. Coordination with Caltrans for work on freeway overpass will be required.

**PROJECT JUSTIFICATION:**

This project will increase connectivity and enhance the safety for pedestrians and bicyclists.

**FUT-John Daly Blvd/I-280 Overpass Widening/Foot Bridge**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

**REVENUE SOURCES:**

GAS TAX											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Junipero Serra/D Street Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Staff coordination efforts to provide a sidewalk on the northbound direction of Junipero Serra Boulevard where one currently does not exist. Coordination with Caltrans for work on traffic signals at D St. and utility relocation required. The proposed sidewalk fronting the SamTrans parking lot and former Serra Bowl Site are likely to be developed, the City would require the developer to pay for the sidewalk construction as a condition of approval.

### PROJECT JUSTIFICATION:

There is no sidewalk connection on Junipero Serra Blvd between San Pedro and the City limits at Colma. This project will increase connectivity and enhance pedestrian safety.

FUT-Junipero Serra/D Street Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	305,000	-	-	-	-	-	-	305,000
IN-HOUSE SRV CHG DESIGN				100,000							
CONTRACTUAL SERVICES DESIGN				200,000							
ADMINISTRATION DESIGN				5,000							
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	305,000	-	-	-	-	-	-	305,000
<b>REVENUE SOURCES:</b>											
MEASURE A				305,000							305,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	305,000	-	-	-	-	-	-	305,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Mission St Grand Boulevard

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Mission Street Streetscape Master Plan, which includes enhanced sidewalks, improved street crossings, landscaped median islands, and pedestrian-scale street lighting.

**PROJECT JUSTIFICATION:**

Mission Street Streetscape Master Plan

FUT-Mission St Grand Boulevard	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GAS TAX											-
											-
											-
											-
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Mission St Median Landscaping

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install landscaping in the Mission Street median. Work includes gutting and installing plants, planting materials, and an irrigation system.

**PROJECT JUSTIFICATION:**

Placemaking and beautification.

FUT-Mission St Median Landscaping	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>REVENUE SOURCES:</b>											
GAS TAX											
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-N Mayfair Rte 35 Pedestrian Access

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Construct pedestrian/bicycle pathway from the northeast corner of John Daly Boulevard/State Route 35 to North Mayfair Avenue

**PROJECT JUSTIFICATION:**

This project will increase connectivity and enhance the safety for pedestrians and bicyclists.

FUT-N Mayfair Rte 35 Pedestrian Access	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
--	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

**PROJECT EXPENDITURES:**

<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

**REVENUE SOURCES:**

GAS TAX												-
												-
												-
												-
<b>OTHER SOURCES</b>												-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## Water Program

The Water Enterprise Fund Capital Improvement Program addresses critical water infrastructure investments. Throughout FY2016, Daly City fell under Tier 2 of the State Water Resources Control Board nine-tier system to reduce State water consumption in response to California's fourth year of unprecedented drought. This meant that the City was mandated to cut back water use by 8%. The mandate and water conservation measures reduced water sales, which resulted in revenues coming in approximately \$2 million under projections. Additionally, new in this budget is the implementation of an emergency operating reserve, which is equivalent to 120 days of operations. After funding operating expenditures and accounting for the shortfall in projected revenues, less funds were remaining to fund capital projects compared to prior years. Due to these reasons, this CIP includes less capital projects as compared to prior CIPs.

### *Overview of Projects*

Twelve capital projects are slated for completion in FY2017 and FY2018, which are identified under three categories: Facility Reliability, Pipelines and Water Supply/Water Quality.

*Facility Reliability* incorporates eight projects estimated at \$1.4 million in FY2017 and \$1.7 million in FY2018, respectively. Ongoing annual repair and replacement involve water conveyance improvements, vehicle and equipment upgrades, seismic improvements, and the Water System Supervisory Control and Data Acquisition (SCADA) radio telemetry system. In addition, we are instituting a five-year program to address hydro-pneumatic tanks past their useful life, as well as constructing a new interior at Reservoir 3 to address ongoing water leakage.



**Schwerin Street: Water main replaced in 2015.**

*Water Pipelines* incorporate two projects estimated at \$950,000 in FY2017 and \$1.3 million in FY2018, respectively. Reservoir Cast Iron project involves installing interior lining within original reservoir transmission mains between Reservoir 1 to Reservoir 2 located in Pointe Pacific. Water Main Improvements to address corrosion issues are planned for Cerro Drive between Belhaven and Southgate and San Diego, Santa Cruz and Guadalupe Avenue.

*Water Supply/Water Quality* involve two projects totaling approximately \$232,000. Groundwater



**Sullivan Well: A well in operation since 1982 and at the end of its useful life was replaced with the Sullivan Well in 2015.**



Management is an effort undertaken every other year to maintain technical support on the management of the Westside Basin Groundwater Aquifer. Finally, the CIP includes a project dedicated to the annual repair and replacement of Daly City's six water production wells, which provides just under one-half of Daly City's local water supply.

**FUT-East Market St Water Main Improvements (Florence to Hillside)**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace/upgrade water mains

**PROJECT JUSTIFICATION:**

**FUT-East Market St Water Main Improvements  
(Florence to Hillside)**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	33,265	-	-	-	-	33,265
IN-HOUSE SRV CHG DESIGN						33,265					
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	451,535	-	-	-	451,535
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							451,535				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	33,265	451,535	-	-	-	484,800

**REVENUE SOURCES:**

WATER FUND						33,265	451,535				484,800
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	33,265	451,535	-	-	-	484,800

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## NEW-Belhaven Court Water Main Rehabilitation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Installation of 12-inch NSF 67 water main liner on Belhaven Court to Cerro Drive. Total linear footage is 3,052 feet; 1,128 feet along Belhaven Court; 1,795 feet along Cerro Drive to Cerro Court; and 129 feet along Savage Way. Also includes Daly City's obligation to transfer 18 services at Oriente Street onto new water main.

**PROJECT JUSTIFICATION:**

Existing 12-inch water main installed in 1995 has experienced a number of failures in the past years due to electrolysis. Liner insert provides most efficient means of rehabilitation.

NEW-Belhaven Court Water Main Rehabilitation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	650,000	-	-	-	-	-	-	-	-	650,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		650,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	650,000	-	-	-	-	-	-	-	-	650,000
<b>REVENUE SOURCES:</b>											
WATER FUND		650,000									650,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	650,000	-	-	-	-	-	-	-	-	650,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 710-Groundwater Management Plan

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Four-way partnership between Daly City, the City of San Bruno, the San Francisco Public Utilities Commission and the California Water Service Company to assess the Westside Groundwater Basin and development of a formalized groundwater storage and recovery project agreement. This project would assist Daly City in a public process associated with the creation of a local Groundwater Management Agency consistent with governing statute under AB 3030 between the partnering agencies with the goal to enhance and protect investment of groundwater resources as a sustainable water supply.

**PROJECT JUSTIFICATION:**

Coordination of monitoring effort, under contract with Hydrofocus Inc., among partner agencies assessing the Westside Groundwater Basin to further creation of AB 3030 Groundwater Management Agency to sustain the use of the Westside Basin aquifer.

710-Groundwater Management Plan	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	78,850	-	82,690	-	86,826	-	-	-	-	248,366
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		78,850		82,690		86,826					
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	78,850	-	82,690	-	86,826	-	-	-	-	248,366
<b>REVENUE SOURCES:</b>											
WATER FUND		78,850		82,690		86,826					248,366
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	78,850	-	82,690	-	86,826	-	-	-	-	248,366
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 773-Reservoir 3 Interior Rehabilitation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Reservoir 3 was originally constructed in 1934 with a capacity of 978,000 gallons inside an abandoned quarry. Quarry rock forms 3 sides of the reservoir with the fourth comprised of rubble and reinforced shotcrete. The reservoir was taken out of service in 2014 due to leakage. The proposed project intends to rehabilitate the interior to provide 9 foot walls and 30,000 gallons of storage.

**PROJECT JUSTIFICATION:**

Reservoir 3 serves as terminus of Zone 3 and balancing storage between Zones 3 and 5 and even with decreased storage provides enhanced zone pressure and enhanced system reliability.

<b>773-Reservoir 3 Interior Rehabilitation</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	450,000	-	-	-	-	-	-	-	-	450,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		450,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	1,350,000	-	-	-	-	-	-	-	1,350,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			1,350,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	450,000	1,350,000	-	-	-	-	-	-	-	1,800,000
<b>REVENUE SOURCES:</b>											
WATER FUND		450,000	1,350,000								1,800,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	450,000	1,350,000	-	-	-	-	-	-	-	1,800,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 708-Seismic Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Implement 2008 Seismic Study recommendations to retrofit existing facilities, when operationally feasible, deemed to have high to moderate priority. FY 2017 Project is installation of anchors at Reservoir 7 to be coordinated with North Coast County Water when newly constructed Christian Hill Reservoir is put on line.

**PROJECT JUSTIFICATION:**

G&E Engineering identified a number of seismic retrofit projects at selected water facilities to improve upon water system reliability.

708-Seismic Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	316,820	-	-	-	-	-	-	-	-	316,820
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		316,820									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	316,820	-	-	-	-	-	-	-	-	316,820
<b>REVENUE SOURCES:</b>											
WATER FUND		316,820									316,820
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	316,820	-	-	-	-	-	-	-	-	316,820
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 767-Westlake Electric

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace aging electrical equipment in the Westlake Pump Station. In FY 15/16 this project is being designed and engineered (Budget item 41-385-767) and new funding for the construction phase of the project is required for FY 16/17. The balance remaining from the FY 15/16 budget (\$68,946.00) will carry-forward to FY 16/17 and will be needed also for the construction phase of this project.

**PROJECT JUSTIFICATION:**

The electrical equipment in the Pump Station is over 40 years old and has exceeded the useful service life. An upgrade will not only provide increased reliability but also energy savings. This station is a vital part of Daly City's water system.

767-Westlake Electric	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	250,000	-	-	-	-	-	-	-	-	250,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		250,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	250,000	-	-	-	-	-	-	-	-	250,000
<b>REVENUE SOURCES:</b>											
WATER FUND		250,000									250,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	250,000	-	-	-	-	-	-	-	-	250,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 772-Hydropneumatic Tank Replacements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Purchase and install new hydropneumatic tanks at the following five pump stations over the next five years; Alta Vista, Higate, Pointe Pacific, Skyline, and South Hill. The project budget is for replacing one tank annually beginning with the highest priority tank at Alta Vista. These circular and horizontal tanks are made of carbon steel, have a diameter of approximately 60 inches, and a length of 20 feet. The project cost includes budget for hiring a contractor to install the tanks at the stations.

### PROJECT JUSTIFICATION:

Five tanks are past their useful service life and showing signs of excessive wear and staff time to operate. They are critical components of the water system to maintain normal service delivery and required fire flows. The useful service life of a hydro pneumatic tank is 20 years. The age of our tanks are as follows: Alta Vista 52 years, Higate 54 years, Pointe Pacific 30 years, Skyline 21 years, and South Hill 22 years.

772-Hydropneumatic Tank Replacements											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>		30,000	30,000	30,000	30,000	30,000	-	-	-	-	150,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		30,000	30,000	30,000	30,000	30,000					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>		30,000	30,000	30,000	30,000	30,000	-	-	-	-	150,000
EQUIPMENT		30,000	30,000	30,000	30,000	30,000					
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>		60,000	60,000	60,000	60,000	60,000	-	-	-	-	300,000
<b>REVENUE SOURCES:</b>											
WATER FUND		60,000	60,000	60,000	60,000	60,000					300,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>		60,000	60,000	60,000	60,000	60,000	-	-	-	-	300,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>		-	-	-	-	-	-	-	-	-	-

## 701-Plant Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

To repair and replace equipment and components of the 13 water pump stations and facilities that supply and deliver potable water to our customers. Work scope includes, but is not restricted to: pump rehabilitation and replacement, PRV replacement, and motor replacement with energy efficient models, flow meter replacement, electrical upgrades, and mechanical upgrades as required.

### PROJECT JUSTIFICATION:

By maintaining, improving, and updating equipment, staff can obtain the maximum production at the greatest efficiency while maintaining continuous system production to our customers.

701-Plant Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	175,000	175,000	175,000	175,000	175,000	175,000	-	-	-	1,050,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		175,000	175,000	175,000	175,000	175,000	175,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	175,000	175,000	175,000	175,000	175,000	175,000	-	-	-	1,050,000
<b>REVENUE SOURCES:</b>											
WATER FUND		175,000	175,000	175,000	175,000	175,000	175,000	-	-	-	1,050,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	175,000	175,000	175,000	175,000	175,000	175,000	-	-	-	1,050,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 714-Reservoir Cast Iron Pipe Lining

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Reinforce aging cast iron water mains with AWWA approved NSF 61 cure in place liner.

**PROJECT JUSTIFICATION:**

Liner provides seismic stability and increases the life of the pipes.

714-Reservoir Cast Iron Pipe Lining	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	300,000	300,000	300,000	300,000	285,000	-	-	-	-	1,485,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		300,000	300,000	300,000	300,000	285,000					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	300,000	300,000	300,000	300,000	285,000	-	-	-	-	1,485,000
<b>REVENUE SOURCES:</b>											
WATER FUND		300,000	300,000	300,000	300,000	285,000					1,485,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	300,000	300,000	300,000	300,000	285,000	-	-	-	-	1,485,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 766-SCADA System Upgrades

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

The replacement by upgrading antiquated parts, software, and technology to the water Supervisory Control and Data Acquisition (SCADA) System. The additional capabilities will allow staff to perform in an increasingly higher level and allow for more process control reducing operating costs.

**PROJECT JUSTIFICATION:**

The SCADA system in use is at or near capacity and the project entails scheduled system upgrades. The new technology will allow for improved control and response. The replacement of aging and hard to find parts for the RTU's and radio's will increase the repair and response time improving overall operational efficiency.

766-SCADA System Upgrades	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	15,000	15,000	140,000	15,000	15,000	140,000	-	-	-	340,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		15,000	15,000	140,000	15,000	15,000	140,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	15,000	15,000	140,000	15,000	15,000	140,000	-	-	-	340,000
<b>REVENUE SOURCES:</b>											
WATER FUND		15,000	15,000	140,000	15,000	15,000	140,000				340,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	15,000	15,000	140,000	15,000	15,000	140,000	-	-	-	340,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 617-Street Resurfacing Water Mains

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Resurface streets as needed and upgrade infrastructure in coordination with annual resurfacing projects.

**PROJECT JUSTIFICATION:**

Resurface streets after underground utility work. Resurfac streets as needed and upgrade infrastructure in coordination with the City's annual resurfacing project.

617-Street Resurfacing Water Mains	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	100,000	100,000	100,000	100,000	100,000	100,000	-	-	-	600,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		100,000	100,000	100,000	100,000	100,000	100,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	100,000	100,000	100,000	100,000	100,000	100,000	-	-	-	600,000
<b>REVENUE SOURCES:</b>											
WATER FUND		100,000	100,000	100,000	100,000	100,000	100,000				600,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	100,000	100,000	100,000	100,000	100,000	100,000	-	-	-	600,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 879-Vehicle Upgrades

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Supplement to vehicle replacement funds in coordination and consultation with Department of Public Works Motor Vehicle Division.

**PROJECT JUSTIFICATION:**

Scheduled replacement of front-line mission critical vehicles that are past useful life.

879-Vehicle Upgrades	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
<b>REVENUE SOURCES:</b>											
WATER FUND		37,500	37,500	37,500	37,500	37,500	37,500				225,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 720-Well Rehabilitation

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This project provides funds for the removal, repair, or replacement of well equipment and the reconditioning of a well as required after inspection. By performing preventative or corrective maintenance immediately, we will reduce the overall cost of repairs to the well equipment.

**PROJECT JUSTIFICATION:**

Maintains a fund balance for future well equipment rehabilitation as required. This fund will also ensure continuous operation of the wells to reduce the cost of purchasing water from San Francisco.

720-Well Rehabilitation	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	76,500	76,500	78,500	79,000	80,000	81,000	-	-	-	471,500
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		76,500	76,500	78,500	79,000	80,000	81,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	76,500	76,500	78,500	79,000	80,000	81,000	-	-	-	471,500
<b>REVENUE SOURCES:</b>											
WATER FUND		76,500	76,500	78,500	79,000	80,000	81,000	-	-	-	471,500
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	76,500	76,500	78,500	79,000	80,000	81,000	-	-	-	471,500
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## NEW-San Diego, Santa Cruz, Guadalupe Water Main Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replacement of master planned water mains addressing supply fireflows and aging infrastructure.

**PROJECT JUSTIFICATION:**

Projects have been generated through system needs and addressed in the water system master plan.

**NEW-San Diego, Santa Cruz, Guadalupe Water Main Replacement**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	83,000	-	-	-	-	-	-	-	83,000
IN-HOUSE SRV CHG DESIGN			81,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			2,000								
<b>2-CONSTRUCTION</b>	-	-	979,000	-	-	-	-	-	-	-	979,000
IN-HOUSE SRV CHG CONSTRUCTION			55,000								
CONTRACTUAL SERVICES CONSTRUCTION			924,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	1,062,000	-	-	-	-	-	-	-	1,062,000

**REVENUE SOURCES:**

WATER FUND			1,062,000								1,062,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	1,062,000	-	-	-	-	-	-	-	1,062,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**FUT-Chester St. Water Main Improvements (Sylvan to Orange)**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace/upgrade water mains

**PROJECT JUSTIFICATION:**

**FUT-Chester St. Water Main Improvements (Sylvan to Orange)**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	10,000	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN					10,000						
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	1,026,870	-	-	-	-	1,026,870
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION						1,026,870					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	10,000	1,026,870	-	-	-	-	1,036,870

**REVENUE SOURCES:**

WATER FUND				-	10,000	1,026,870					1,036,870
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	10,000	1,026,870	-	-	-	-	1,036,870

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Pointe Pacific Generator Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the standby generator at the Pointe Pacific Pump Station. The generator is over 30 years old and has far exceeded its service live by 15 years. When a PG&E line-power failure occurs the generator has difficulty supplying the required power to the station.

**PROJECT JUSTIFICATION:**

Emergency standby power must be available at this station. If line-power is lost and the emergency standby generator fails, the Pointe Pacific community would not have access to potable water or fire flow until line-power resumes.

FUT-Pointe Pacific Generator Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	200,000	-	-	-	-	-	200,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION					200,000						
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	300,000	-	-	-	-	-	300,000
EQUIPMENT					300,000						
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	500,000	-	-	-	-	-	500,000
<b>REVENUE SOURCES:</b>											
WATER FUND					500,000						500,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	500,000	-	-	-	-	-	500,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Reservoir 8 Retaining Wall

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Design/Build installation of retaining wall to secure western slope access into Reservoir 8 at Saddleback Drive.

**PROJECT JUSTIFICATION:**

Hillside slope regularly deposits rocks and dirt onto roadway leading up to the reservoir providing difficulty to access the site.

FUT-Reservoir 8 Retaining Wall	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	270,600	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION					270,600						
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-
<b>4-OTHER USES</b>											
OTHER USES	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	270,600	-	-	-	-	-	270,600
<b>REVENUE SOURCES:</b>											
WATER FUND					270,600						270,600
											-
											-
											-
											-
<b>OTHER SOURCES</b>											
OTHER SOURCES	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	270,600	-	-	-	-	-	270,600
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**FUT-Brunswick I Water Main Improvements - Hillside to Crocker**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace/upgrade water mains. Phase I, Hillside-Crocker.

**PROJECT JUSTIFICATION:**

**FUT-Brunswick I Water Main Improvements - Hillside to Crocker**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	554,055	-	-	-	554,055
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							554,055				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	554,055	-	-	-	554,055

**REVENUE SOURCES:**

WATER FUND							554,055				554,055
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	554,055	-	-	-	554,055

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**FUT-Brunswick II Water Main Improvements - Crocker to Templeton**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Crocker to Templeton

**PROJECT JUSTIFICATION:**

**FUT-Brunswick II Water Main Improvements - Crocker to Templeton**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	936,195	-	-	936,195
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION								936,195			
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	936,195	-	-	936,195

**REVENUE SOURCES:**

WATER FUND								936,195			936,195
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	936,195	-	-	936,195

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**FUT-Hillside Blvd Water Main Improvements (Brunswick to Gambetta)**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Main Replacement.

**PROJECT JUSTIFICATION:**

**FUT-Hillside Blvd Water Main Improvements  
(Brunswick to Gambetta)**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	1,195,830	-	1,195,830
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION									1,195,830		
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	1,195,830	-	1,195,830

**REVENUE SOURCES:**

WATER FUND									1,195,830		1,195,830
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	1,195,830	-	1,195,830

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 729-Valley St (County to Hillside)

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

700 ft of 12" D.I. Water Main on County (E. Market to Valley)  
 700 ft of 12" D.I. Water Main on Sylvan (Hillside to Chester)  
 1,050 ft of 12" D.I. Water Main on Market (Florence to Hillsdale)

**PROJECT JUSTIFICATION:**

Water Master Plan projects "T"-a, T-b and T-f" to improve the flows.

729-Valley St (County to Hillside)	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	1,486,000	-	-	-	-	-	-	1,486,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION				1,486,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	1,486,000	-	-	-	-	-	-	1,486,000
<b>REVENUE SOURCES:</b>											
WATER FUND				1,486,000							1,486,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	1,486,000	-	-	-	-	-	-	1,486,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Water Main Replacement/Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replacement of master planned water mains addressing supply fireflows and aging infrastructure.

**PROJECT JUSTIFICATION:**

Projects have been generated through system needs and addressed in the water system master plan.

FUT-Water Main Replacement/Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	71,000	64,000	65,000	12,000	-	-	-	212,000
IN-HOUSE SRV CHG DESIGN				68,000	61,000	62,000	9,000				
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				3,000	3,000	3,000	3,000				
<b>2-CONSTRUCTION</b>	-	-	-	729,000	656,000	665,000	88,000	-	-	-	2,138,000
IN-HOUSE SRV CHG CONSTRUCTION				49,000	43,000	45,000	6,000				
CONTRACTUAL SERVICES CONSTRUCTION				680,000	613,000	620,000	82,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	800,000	720,000	730,000	100,000	-	-	-	2,350,000
<b>REVENUE SOURCES:</b>											
WATER FUND			-	800,000	720,000	730,000	100,000				2,350,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	800,000	720,000	730,000	100,000	-	-	-	2,350,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 711- Reservoir 8 Coating

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Reservoir #8 interior coating has failed and needs replacement. The last underwater inspection and cleaning revealed that the interior coating was not adhered to the interior reservoir walls. Coating with Elastometric Polyurethane (Endra-Flex) will protect the structure for years to come.

**PROJECT JUSTIFICATION:**

Projects have been generated through system needs and addressed in the water system masterplan.

711- Reservoir 8 Coating	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION					400,000						400,000
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-
<b>4-OTHER USES</b>											
OTHER USES											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	400,000	-	-	-	-	-	400,000
<b>REVENUE SOURCES:</b>											
WATER FUND					400,000						400,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	400,000	-	-	-	-	-	400,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-



## Sanitation Program

The North San Mateo County Sanitation District, a subsidiary of the City of Daly City, is responsible for the collection, treatment and disposal of wastewater and the production of tertiary recycled water to help preserve local drinking water supplies otherwise lost to irrigation. Similar to the Water Enterprise Fund, revenues in the Sanitation Enterprise Fund have been impacted by California's ongoing drought due to decreases in water use. Likewise, emergency operating reserves in the Sanitation Fund equivalent to 120 days of operations. The Sanitation Fund continues to include capital reserves restricted to major emergency repairs associated with the Wastewater Treatment Plant.

### *Overview of Projects*

A total of 23 projects of the highest priority are planned during FY2017 and FY2018 and are estimated at \$4.3 million and \$3.3 million, respectively, with FY2016 carry forward of \$3.1 million. Four program elements are contained in the Sanitation Fund and include: Facility Improvements, System Reliability, Pipelines, and the Stormwater Municipal Regional Permit (MRP).



**Wastewater Treatment Plant:**  
Final effluent pump was replaced.

*Facility Improvements* incorporate ten projects totaling \$613,000 in FY2017 and \$455,500 in FY2018. Ongoing annual repair and replacement involves Sewer Lift Stations and Plant Structure Improvements. Upgrades to the electrical control panels at lift stations and replacement of outdated and undersized electrical components at the wastewater treatment plant are planned. In addition, two replacements are included: a new roof at the Administration and Operations Building at the Wastewater Treatment Plant and the HVAC system at Maintenance Building #1. This CIP also includes a five-year program to install lift station bypass structures at the Colma Lift Station and the Hickey Lift Station.

*System Reliability* incorporates seven projects estimated at \$1.2 million annually. Five annual repair and replacement programs include Wastewater System Supervisory Control and Data Acquisition (SCADA) radio telemetry, sewer main rehabilitation, plant process improvements and vehicle upgrades. The Secondary Clarifier Coatings Project intends to take one unit out of operation each summer to coat the bottom and interior walls of the tank to prolong useful life. A project that will have long-term cost implications is the Vista Grande Drainage Basin which will require a detailed financial plan leveraging federal, state, and local resources in order to deliver this proposed project.



**Serramonte Boulevard: Sewer main was replaced by reaming method, a trenchless technology that reduced traffic impacts.**

*Pipelines* work involves three projects estimated at \$3.4 million. The Sewer Main Rehabilitation Project addresses pipeline within Park Plaza from John Daly Boulevard to Belmar Avenue, San Fernando Way from Alta Loma Avenue to Santa Paula Drive, and Miriam Street from Vista Grande Avenue to Westlake Avenue.



**1<sup>st</sup> Avenue: Sewer main was replaced in 2016.**

wastewaters and funding to address ongoing project planning in support of stormwater permitting actions.

Work scope also includes lining the interior of El Portal Force Main to extend the useful life of the pipeline. Beginning in FY2017 and continuing over the next five fiscal years, project will line the interior of the 27-inch Final Effluent Force Main in sections from the wastewater plant to the ocean outfall at Fort Funston.

*Stormwater Municipal Regional Permit (MRP)* involves the installation of inserts into storm drains in response to new mandated stormwater regulations aimed at eliminating all trash into the receiving waters along Bay Area

## 834-CCTV Replacement Equipment and Software

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Purchase of new equipment to replace outdated parts and components that are no longer being manufactured.

**PROJECT JUSTIFICATION:**

existing equipment is outdated and beyond its useful life

834-CCTV Replacement Equipment and Software	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	225,000	-	-	-	-	-	-	-	-	225,000
EQUIPMENT		225,000									
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	225,000	-	-	-	-	-	-	-	-	225,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		225,000									225,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	225,000	-	-	-	-	-	-	-	-	225,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 821-Belcrest Lift Station Pump Control Panel Upgrade

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Replace the existing outdated pump control panel at the station with equipment that is more robust and reliable. Also, the project includes a modernization of the pump control system with the use of a programmable logic pump controller. The budget includes the estimated cost of equipment, design, and construction work.

### PROJECT JUSTIFICATION:

The equipment is beyond its estimated useful service life and has suffered from an extremely corrosive atmosphere due to the location of the station next to the Pacific Ocean. Finding parts to make repairs to this outdated equipment is very difficult as well. A failure could result in a sanitary sewer overflow that would endanger the public health of the adjacent community.

821-Belcrest Lift Station Pump Control Panel Upgrade	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	10,000	-	-	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		10,000									
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>		20,000	-	-	-	-	-	-	-	-	20,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		20,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>		30,000	-	-	-	-	-	-	-	-	30,000
EQUIPMENT		30,000									
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	60,000	-	-	-	-	-	-	-	-	60,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		60,000									60,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	60,000	-	-	-	-	-	-	-	-	60,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 994-OPS and Administration Roof Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replacement and improvement of the roof for the Operations and Administration buildings. This also includes construction of an HVAC unit on the Administration building which is a FY 16/17 project in the 20-year plan (S01). The engineering phase is being conducted in FY 15/16 and new funding for the construction phase of the project is required.

**PROJECT JUSTIFICATION:**

The existing roofs are beyond the expected service life and are showing signs of wear and internal rain water leakage.

994-OPS and Administration Roof Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	100,000	-	-	-	-	-	-	-	-	100,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		100,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	100,000	-	-	-	-	-	-	-	-	100,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		100,000									100,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	100,000	-	-	-	-	-	-	-	-	100,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## NEW-Park Plaza, Southgate, and San Fernando Sewer Main Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and replacement of sanitary sewer mains, including adjustments to manholes and laterals as identified by staff and Sewer System Master Plan (SSMP).

Park Plaza from John Daly Boulevard to Belmar Avenue: replace 8-inch VCP pipe with 12-inch PVC pipe.

Southgate Avenue from Escuela to Cerro Drive: replace 10-inch with 15-inch pipe.

San Fernando Way from Alta Loma Avenue to Santa Paula Drive (S21): replace 10-inch VCP pipe with 10-inch HDPE pipe.

### PROJECT JUSTIFICATION:

Address identified line segments to reduce sanitary sewer overflow (SSO) to stay compliant with State Board SSO Policy and to reduce O&M costs from aging infrastructure.

### NEW-Park Plaza, Southgate, and San Fernando Sewer Main Improvements

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	116,000	-	-	-	-	-	-	-	-	116,000
IN-HOUSE SRV CHG DESIGN		113,000									
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN		3,000									
<b>2-CONSTRUCTION</b>	-	1,315,000	-	-	-	-	-	-	-	-	1,315,000
IN-HOUSE SRV CHG CONSTRUCTION		77,000									
CONTRACTUAL SERVICES CONSTRUCTION		1,238,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	1,431,000	-	-	-	-	-	-	-	-	1,431,000

### REVENUE SOURCES:

SANITATION DISTRICT		1,431,000									1,431,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	1,431,000	-	-	-	-	-	-	-	-	1,431,000

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 848-Treatment Plant Roadway Hatches

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replacement of 5 roadway hatches at the wastewater treatment plant. Hatches provide access to equipment located below the roadway. New hatches to be rated at H20 to match largest load bearing rating available.

**PROJECT JUSTIFICATION:**

Existing hatches have been in use for over 20 years. Traffic rating on new hatches exceed current hatches to provide a more secure cover. New hatches will have spring assisted opening capacity intended to reduce risk of injury when opening and closing hatches.

848-Treatment Plant Roadway Hatches	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	120,000	-	-	-	-	-	-	-	-	120,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		120,000									
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	120,000	-	-	-	-	-	-	-	-	120,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		120,000									120,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	120,000	-	-	-	-	-	-	-	-	120,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 844-Lift Station Bypass Structures

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Construct a bypass structure for Belcrest, Colma, El Portal, Hickey, and Skyline lift stations. The project includes purchasing a tee and valve assembly for the specific force main, excavating the force main, pumping around or holding back flow, and installing the structure. This is a joint CIP with the Collections Division. We would install one structure annually.

**PROJECT JUSTIFICATION:**

The ability to bypass a lift station provides essential operational flexibility to perform regular and emergency maintenance. It is also a benefit to the emergency response plans for the lift stations and will minimize the potential for a sanitary sewer overflow.

844-Lift Station Bypass Structures	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	40,000	40,000	40,000	40,000	40,000	-	-	-	-	200,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		40,000	40,000	40,000	40,000	40,000					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	20,000	20,000	20,000	20,000	20,000	-	-	-	-	100,000
EQUIPMENT		20,000	20,000	20,000	20,000	20,000					
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	60,000	60,000	60,000	60,000	60,000	-	-	-	-	300,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		60,000	60,000	60,000	60,000	60,000					300,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	60,000	60,000	60,000	60,000	60,000	-	-	-	-	300,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 812-Municipal Regional Permit

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Project implementation to address newly mandated Stormwater Quality Improvement mandated by Regional Water Quality Control Board.

**PROJECT JUSTIFICATION:**

Program budget to comply with regulatory provisions within Stormwater NPDES Municipal Regional Permit that require capital outlay to achieve compliance.

812-Municipal Regional Permit	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	125,000	128,000	130,000	130,000	130,000	130,000	-	-	-	773,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		125,000	128,000	130,000	130,000	130,000	130,000				
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	125,000	128,000	130,000	130,000	130,000	130,000	-	-	-	773,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT	-	125,000	128,000	130,000	130,000	130,000	130,000	-	-	-	773,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	125,000	128,000	130,000	130,000	130,000	130,000	-	-	-	773,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 806-Plant Process Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

The repair and replacement of process equipment for the continued maintenance of the various infrastructure within the Wastewater Treatment Plant. In order to maintain our discharge requirements all of the treatment plant equipment must be in proper operating condition. This is for the replacement or rehabilitation of this equipment.

**PROJECT JUSTIFICATION:**

Aged infrastructure requires constant maintenance to prevent breakdowns, failures, and deterioration. Yearly funding allows staff to complete timely repairs and replacements to infrastructure with minimum interruptions to the operations of the treatment plant and to remain compliant with existing National Pollutant Discharge Elimination System (NPDES) permit.

806-Plant Process Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	140,000	140,000	140,000	140,000	140,000	140,000	-	-	-	840,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		140,000	140,000	140,000	140,000	140,000	140,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	140,000	140,000	140,000	140,000	140,000	140,000	-	-	-	840,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		140,000	140,000	140,000	140,000	140,000	140,000				840,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	140,000	140,000	140,000	140,000	140,000	140,000	-	-	-	840,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 807-Plant Structure Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

The repair and replacement of the physical plant and equipment structures at the Wastewater Treatment Plant. In order to maintain our discharge requirements all of the treatment plant structures must be in proper operating condition. This ongoing project is for the replacement or rehabilitation of this equipment.

**PROJECT JUSTIFICATION:**

The structures of the wastewater treatment plant, buildings, stairs, lights, etc. will need to be upgraded on an ongoing basis due to age. This project allows for continuing replacements and upgrades to these types of structures.

807-Plant Structure Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	78,000	78,000	78,000	78,000	78,000	78,000	-	-	-	468,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		78,000	78,000	78,000	78,000	78,000	78,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	78,000	78,000	78,000	78,000	78,000	78,000	-	-	-	468,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		78,000	78,000	78,000	78,000	78,000	78,000				468,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	78,000	78,000	78,000	78,000	78,000	78,000	-	-	-	468,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 953-Rehabilitation of 27 inch Final Effluent Force Main

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Rehabilitate existing 27 inch Final Effluent Force main. This is a critical plant asset that must be operational. The entire 27 inch Final Effluent Force main is approximately 6,000 linear feet(LF). Staff anticipates the rehabilitation of 1200 LF per year at a cost of \$250 per LF over a five year period.

**PROJECT JUSTIFICATION:**

Existing Force main has leaked several times causing Sanitary Sewer Overflows. Existing pipe has been compromised by corrosion and needs immediate rehabilitation.

953-Rehabilitation of 27 inch Final Effluent Force Main	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	250,000	300,000	300,000	300,000	300,000	-	-	-	-	1,450,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		250,000	300,000	300,000	300,000	300,000					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	250,000	300,000	300,000	300,000	300,000	-	-	-	-	1,450,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		250,000	300,000	300,000	300,000	300,000					1,450,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	250,000	300,000	300,000	300,000	300,000	-	-	-	-	1,450,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 766-SCADA System Upgrades

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

The replacement by upgrading antiquated parts, software, and technology to the sanitation Supervisory Control and Data Acquisition (SCADA) System. The additional capabilities will allow staff to perform in an increasingly higher level and allow for more process control reducing operating costs.

**PROJECT JUSTIFICATION:**

The SCADA system in use is at or near capacity and the project entails scheduled system upgrades. The new technology will allow for improved control and response. The replacement of aging and hard to find parts for the RTU's and radio's will increase the repair and response time improving overall operational efficiency.

766-SCADA System Upgrades	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	15,000	15,000	199,690	15,000	15,000	140,000	-	-	-	399,690
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		15,000	15,000	199,690	15,000	15,000	140,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	15,000	15,000	199,690	15,000	15,000	140,000	-	-	-	399,690
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		15,000	15,000	199,690	15,000	15,000	140,000				399,690
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	15,000	15,000	199,690	15,000	15,000	140,000	-	-	-	399,690
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 857-Secondary Clarifiers Coatings

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

This project will allow us to apply a protective coating to the top of the walls in each of the three secondary clarifiers. This will help to maintain the concrete structure components of the clarifiers. One clarifier will be coated per year during dry months. In order to maintain our discharge requirements all of the treatment plant structures must be in proper operating condition.

**PROJECT JUSTIFICATION:**

This coating will arrest any degradation of concrete and provide protection while preserving the infrastructure.

857-Secondary Clarifiers Coatings	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	84,000	84,000	84,000	-	-	-	-	-	-	252,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		84,000	84,000	84,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	84,000	84,000	84,000	-	-	-	-	-	-	252,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		84,000	84,000	84,000							252,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	84,000	84,000	84,000	-	-	-	-	-	-	252,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 802-Sewer Lift Stations Rehab/Replacement

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This is a repair and replacement program intended to provide funds for the rehabilitation of the five District Sewage Lift Stations. In order to maintain our discharge requirements all of the lift station equipment must be in proper operating condition. This ongoing project is for the replacement or rehabilitation of this equipment. The addresses of the Lift Stations are 55 Belcrest Ave, 301 F Street, 72 El Portal Way, 370 Hickey Blvd, and 1399 Skyline Drive.

### PROJECT JUSTIFICATION:

Due to the corrosive atmosphere of the stations, the life expectancy of mechanical, plumbing, electrical and building infrastructure is accelerated.

802-Sewer Lift Stations Rehab/Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	60,000	60,000	60,000	60,000	60,000	60,000	-	-	-	360,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		60,000	60,000	60,000	60,000	60,000	60,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	60,000	60,000	60,000	60,000	60,000	60,000	-	-	-	360,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		60,000	60,000	60,000	60,000	60,000	60,000				360,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	60,000	60,000	60,000	60,000	60,000	60,000	-	-	-	360,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 801-Sewer Main Rehab/Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Repairs to the sanitary sewer system include gravity mains, force mains, and manhole structures.

**PROJECT JUSTIFICATION:**

The completion of the repairs is to keep the system in compliance with the Sewer System Master Plan (SSMP) to aid in the prevention of sanitary sewer overflows (SSOs).

801-Sewer Main Rehab/Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	75,000	75,000	75,000	75,000	75,000	75,000	-	-	-	450,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		75,000	75,000	75,000	75,000	75,000	75,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	75,000	75,000	75,000	75,000	75,000	75,000	-	-	-	450,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		75,000	75,000	75,000	75,000	75,000	75,000				450,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	75,000	75,000	75,000	75,000	75,000	75,000	-	-	-	450,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 617-Street Resurfacing Water Mains

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The replacement or repair of street surfaces following capital projects and/or emergency repairs of sanitation sewer mains and manhole structures.

### PROJECT JUSTIFICATION:

The need for resurfacing after work performed including the raising of manhole structures in conjunction with the City's annual resurfacing program is a critical component of community safety and overall aesthetics.

617-Street Resurfacing Water Mains	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	50,000	50,000	50,000	50,000	50,000	50,000	-	-	-	300,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION		50,000	50,000	50,000	50,000	50,000	50,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	50,000	50,000	50,000	50,000	50,000	50,000	-	-	-	300,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		50,000	50,000	50,000	50,000	50,000	50,000				300,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	50,000	50,000	50,000	50,000	50,000	50,000	-	-	-	300,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 847-Treatment Plant Air Scrubbers

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replacement of two air scrubber units at Wastewater Treatment Plant

**PROJECT JUSTIFICATION:**

Existing air scrubbers are beyond their useful life and no longer efficient. Internal components are deteriorating due to foggy conditions and are becoming increasingly difficult to replace. New scrubber technology along with energy savings from new units are intended to provide improved benefits.

847-Treatment Plant Air Scrubbers	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	75,000	-	625,000	625,000	625,000	625,000	-	-	-	2,575,000
CONTRACTUAL SERVICES CONSTRUCTION		75,000		625,000	625,000	625,000	625,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-
<b>4-OTHER USES</b>											
OTHER USES	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	75,000	-	625,000	625,000	625,000	625,000	-	-	-	2,575,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		75,000		625,000	625,000	625,000	625,000				2,575,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											
OTHER SOURCES	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	75,000	-	625,000	625,000	625,000	625,000	-	-	-	2,575,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 803-Vehicle Upgrades

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Supplement to vehicle replacement funds in coordination and consultation with Department of Public Works Motor Vehicle Division.

**PROJECT JUSTIFICATION:**

Scheduled replacement of front-line mission critical vehicles that are past useful life.

803-Vehicle Upgrades	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT		37,500	37,500	37,500	37,500	37,500	37,500				225,000
											-
											-
											-
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	37,500	37,500	37,500	37,500	37,500	37,500	-	-	-	225,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 842-Vista Grande Drainage Basin Improvement Project

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Continuation of Project Design after completion of environmental reviews anticipated for Spring 2016. Phase 3 work to bring project design to 90%; Phase 4 to 100%; Phase 5 bid support and review for work to begin in FY 2012-22. Work effort entails enlarging Vista Grande Tunnel to 500 cfs, constructing flow bypass into Lake Merced at Impound Lake, gross solids separators, and two constructed wetlands with pumping facilities. Work scope includes anticipated legal/regulatory support.

### PROJECT JUSTIFICATION:

To meet level of service standard to capture 4-hour, 25 year storm event to relieve localized storm water surcharge, and to provide for stormwater recharge of Lake Merced to address formal complaint on file with the State Water Resources Control Board.

842-Vista Grande Drainage Basin Improvement Project	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	780,000	780,000	780,000	780,000	780,000	-	-	-	-	3,900,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN		780,000	780,000	780,000	780,000	780,000					
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	780,000	780,000	780,000	780,000	780,000	-	-	-	-	3,900,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT	-	780,000	780,000	780,000	780,000	780,000					3,900,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	780,000	780,000	780,000	780,000	780,000	-	-	-	-	3,900,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**845-Maintenance Building 1 HVAC Unit Replacement**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replacement of existing HVAC unit for Maintenance Building 1.

**PROJECT JUSTIFICATION:**

Existing HVAC unit is at the end of its useful life. The unit is showing signs of deterioration to it's framework.

<b>845-Maintenance Building 1 HVAC Unit Replacement</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	75,000	-	-	-	-	-	-	-	75,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			75,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	75,000	-	-	-	-	-	-	-	75,000

<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT			75,000								75,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	75,000	-	-	-	-	-	-	-	75,000

<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## NEW-Miriam and El Portal Sewer Main Improvements

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and replacement of sanitary sewer mains, including adjustments to manholes and laterals as identified by staff and Sewer System Master Plan (SSMP).  
 Miriam Street from Vista Grande Avenue to Parkview Avenue and Parkview Avenue to Westlake Avenue (S23): replace 6-inch VCP with 6-inch PVC.  
 El Portal Force Main (S45): install 8-inch force main parallel to the existing 6-inch force main.

### PROJECT JUSTIFICATION:

Address identified line segments to reduce sanitary sewer overflow (SSO) to stay compliant with State Board SSO Policy and to reduce O&M costs from aging infrastructure.

NEW-Miriam and El Portal Sewer Main Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	91,000	-	-	-	-	-	-	-	91,000
IN-HOUSE SRV CHG DESIGN			88,000								
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN			3,000								
<b>2-CONSTRUCTION</b>	-	-	1,075,000	-	-	-	-	-	-	-	1,075,000
IN-HOUSE SRV CHG CONSTRUCTION			65,000								
CONTRACTUAL SERVICES CONSTRUCTION			1,010,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	1,166,000	-	-	-	-	-	-	-	1,166,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT			1,166,000								1,166,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	1,166,000	-	-	-	-	-	-	-	1,166,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 846-Skyline Lift Station Pump Control Panel Upgrade

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the existing outdated pump control panel at the station with equipment that is more robust and reliable. Also, the project includes a modernization of the pump control system with the use of a programmable logic pump controller. The budget includes the estimated cost of equipment, design, and construction work.

**PROJECT JUSTIFICATION:**

The equipment is beyond its estimated useful service life and has suffered from an extremely corrosive atmosphere due to the location of the station next to the Pacific Ocean. Finding parts to make repairs to this outdated equipment is very difficult as well. A failure could result in a sanitary sewer overflow that would endanger the public health of the adjacent community.

846-Skyline Lift Station Pump Control Panel Upgrade											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	10,000	-	-	-	-	-	-	-	10,000
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN			10,000								
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	20,000	-	-	-	-	-	-	-	20,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			20,000								
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	30,000	-	-	-	-	-	-	-	30,000
EQUIPMENT			30,000								
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	60,000	-	-	-	-	-	-	-	60,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT			60,000								60,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	60,000	-	-	-	-	-	-	-	60,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 858-Treatment Plant Electrical Upgrade

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Upgrade and replace existing electrical components at the Wastewater Treatment Plant (WWTP).

**PROJECT JUSTIFICATION:**

Many of the existing electrical components at the WWTP are corroded and past useful life. Also, newer equipment will be more energy efficient and will provide savings to our operating budget.

858-Treatment Plant Electrical Upgrade	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	182,500	182,500	182,500	182,500	-	-	-	-	730,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION			182,500	182,500	182,500	182,500					
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	182,500	182,500	182,500	182,500	-	-	-	-	730,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT			182,500	182,500	182,500	182,500					730,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	182,500	182,500	182,500	182,500	-	-	-	-	730,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 861-Headworks 2 - Barscreen 3 Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the existing barscreen #3 with a new barscreen/compact washer designed system. In FY 15/16 this project is being designed and engineered (Budget item 87-920-861) and new funding for the construction phase of the project is required for FY 16/17. The balance remaining from the FY 15/16 budget (approximately \$325,000.00) will carry-forward to FY 16/17 and will be needed also for the construction phase of this project.

**PROJECT JUSTIFICATION:**

Replace aging equipment that has exceed its useful service life and upgrade to a new system that provides better and more efficient removal of debris from influent wastewater.

861-Headworks 2 - Barscreen 3 Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>				70,000	-	-	-	-	-	-	70,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION				70,000							
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>				400,000	-	-	-	-	-	-	400,000
EQUIPMENT				400,000							
<b>4-OTHER USES</b>											-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	470,000	-	-	-	-	-	-	470,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT				470,000							470,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	470,000	-	-	-	-	-	-	470,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 832-Sewer Main Repair

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Repair and replacement of sanitary sewer mains, including adjustments to manholes and laterals as identified by staff and Sewer System Master Plan (SSMP).

### PROJECT JUSTIFICATION:

Address identified line segments to reduce sanitary sewer overflow to stay compliant with State Board SSO Policy and to reduce O&M costs from aging infrastructure.

832-Sewer Main Repair	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	113,000	113,000	113,000	113,000	-	-	-	452,000
IN-HOUSE SRV CHG DESIGN				110,000	110,000	110,000	110,000				
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN				3,000	3,000	3,000	3,000				
<b>2-CONSTRUCTION</b>	-	-	-	1,387,000	1,387,000	1,387,000	1,387,000	-	-	-	5,548,000
IN-HOUSE SRV CHG CONSTRUCTION				87,000	87,000	87,000	87,000				
CONTRACTUAL SERVICES CONSTRUCTION				1,300,000	1,300,000	1,300,000	1,300,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	1,500,000	1,500,000	1,500,000	1,500,000	-	-	-	6,000,000
<b>REVENUE SOURCES:</b>											
											-
SANITATION DISTRICT				1,500,000	1,500,000	1,500,000	1,500,000				6,000,000
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	1,500,000	1,500,000	1,500,000	1,500,000	-	-	-	6,000,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 986-Automatic Valves

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace 30 Waterman type gate valves that require personnel to activate, to automatic type gate valves that may be activated with an actuator by SCADA.

**PROJECT JUSTIFICATION:**

By installing automatic valve actuators, staff can institute a valve exercising program on a preventative maintenance schedule. This also allows operations staff to open and close valves via SCADA in a more efficient and safe manner.

986-Automatic Valves	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	140,000	-	-	-	140,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							140,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	140,000	-	-	-	140,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT							140,000				140,000
											-
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	140,000	-	-	-	140,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 990-Colma Lift Station Generator

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace existing standby emergency generator at the Colma Lift Station at 300 F Street.

**PROJECT JUSTIFICATION:**

Existing generator has exceeded its useful life and needs to be replaced.

990-Colma Lift Station Generator	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	325,000	-	-	-	325,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							325,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	325,000	-	-	-	325,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT							325,000				325,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	325,000	-	-	-	325,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 983-Driox Vaporizer

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Replace the liquid oxygen (driox) vaporizer at the Wastewater Treatment Plant (WWTP).

**PROJECT JUSTIFICATION:**

The introduction of driox to the bio-reactors at the WWTP is a critical component of the wastewater treatment process and the equipment is aging and in need of upgrading.

983-Driox Vaporizer	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	275,000	-	-	-	275,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							275,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	275,000	-	-	-	275,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT							275,000				275,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	275,000	-	-	-	275,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 985-Final Effluent Control System

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Design, purchase, and install system to start and stop all final effluent pumps at the Wastewater Treatment Plant that are programmed to the final effluent pump level set point by using variable frequency drives (VFDs).

**PROJECT JUSTIFICATION:**

This project is necessary to maintain the final effluent sump level during inclement weather by improving pump performance efficiency.

985-Final Effluent Control System	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>											
IN-HOUSE SRV CHG DESIGN	-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>											
IN-HOUSE SRV CHG CONSTRUCTION	-	-	-	-	-	-	150,000	-	-	-	150,000
CONTRACTUAL SERVICES CONSTRUCTION							150,000				
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>											
EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	150,000	-	-	-	150,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT							150,000				150,000
											-
											-
											-
<b>OTHER SOURCES</b>											-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	150,000	-	-	-	150,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-SSMP Collection System Improvements

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Capacity/Hydraulic Replacement and Repair as identified by District's Preventive CCTV Inspection Program.

**PROJECT JUSTIFICATION:**

State mandated SSMP requirements direct local agencies to identify and proactively correct potention system deficiencies to avoid sanitary sewer overflows.

FUT-SSMP Collection System Improvements	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	360,000	360,000	360,000	360,000	1,440,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION							360,000	360,000	360,000	360,000	
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	360,000	360,000	360,000	360,000	1,440,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT							360,000	360,000	360,000	360,000	1,440,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	360,000	360,000	360,000	360,000	1,440,000
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											
OPERATING & MAINTENANCE											
OTHER											
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**FUT-I-280 Crossing Sewer Main Improvements - Southgate to Junipero Serra**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Install a new 30" pipe on Interstate 280 Crossing from Southgate Ave to Junipero Serra. A total of 750' of 48" casing and 275' of open trench cut pipe to complete the crossing. Total distance 1,025'.

**PROJECT JUSTIFICATION:**

As outlined in the RMC evaluation on SSMP Rehabilitation, pipes may surcharge under heavy rainfall events so larger diameter pipes intended to improve flows. Work scope to be coordinated with Sanitation Fund Project #832.

<b>FUT-I-280 Crossing Sewer Main Improvements - Southgate to Junipero Serra</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	3,151,375	-	-	3,151,375
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION								3,151,375			
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	3,151,375	-	-	3,151,375
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT								3,151,375			3,151,375
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	3,151,375	-	-	3,151,375
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

**FUT-North Mayfair Sewer Main Improvements - Wilshire to Cliffside**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

North Mayfair from Northgate to Glenwood - Replace 4,025 ft of 6" VCP with 6" PVC. This project would include the removal and replacement of 14 manholes and one cleanout and the reconnection of 87 laterals.

**PROJECT JUSTIFICATION:**

These lines have exceeded their service life and are adjacent to John Daly Blvd. which has big trees and have caused many problems associated with root intrusion over the years. Additional investment to eliminate points of root entry is necessary to ensure optimal operation of pipes. Work scope to be coordinated with Sanitation Fund Project #832.

FUT-North Mayfair Sewer Main Improvements - Wilshire to Cliffside		2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>												
<b>1-DESIGN</b>												
IN-HOUSE SRV CHG DESIGN		-	-	-	-	-	-	-	-	-	-	-
CONTRACTUAL SERVICES DESIGN												
ADMINISTRATION DESIGN												
<b>2-CONSTRUCTION</b>		-	-	-	-	-	-	-	-	3,677,740	3,677,740	7,355,480
IN-HOUSE SRV CHG CONSTRUCTION												
CONTRACTUAL SERVICES CONSTRUCTION										3,677,740	3,677,740	
ADMINISTRATION CONSTRUCTION												
<b>3-EQUIPMENT</b>		-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT												
<b>4-OTHER USES</b>												
<b>TOTAL PROJECT EXPENDITURES</b>		-	-	-	-	-	-	-	-	3,677,740	3,677,740	7,355,480
<b>REVENUE SOURCES:</b>												
SANITATION DISTRICT										3,677,740	3,677,740	7,355,480
												-
												-
												-
<b>OTHER SOURCES</b>												-
<b>TOTAL PROJECT REVENUES</b>		-	-	-	-	-	-	-	-	3,677,740	3,677,740	7,355,480
<b>IMPACT ON OPERATING BUDGET</b>												
PERSONNEL												-
OPERATING & MAINTENANCE												-
OTHER												-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>		-	-	-	-	-	-	-	-	-	-	-

**FUT-Tertiary Booster PS-John Daly Ext.**

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Design and construct a new booster pump station to service the remaining portion of John Daly Boulevard to "Top of the Hill" Mission Street.

**PROJECT JUSTIFICATION:**

This will allow for a decreased amount of potable water used for outdoor irrigation.

<b>FUT-Tertiary Booster PS-John Daly Ext.</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	732,000	-	732,000
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION									732,000		
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	732,000	-	732,000
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT									732,000		732,000
											-
											-
											-
<b>OTHER SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	732,000	-	732,000
<b>IMPACT ON OPERATING BUDGET</b>											
	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## FUT-Emergency Generator Replacement

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Purchase new redundant emergency generator and engine to provide power to the Wastewater Treatment Plant (WWTP) during a loss of PG&E power.

**PROJECT JUSTIFICATION:**

The WWTP has one generator that supplies emergency power during a loss of PG&E service and this project would provide redundancy and reliability to this critical process. Without a generator the wastewater treatment plant cannot operate during an outage of PG&E power.

FUT-Emergency Generator Replacement	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	688,900	688,900
EQUIPMENT										688,900	
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	688,900	688,900
<b>REVENUE SOURCES:</b>											
SANITATION DISTRICT										688,900	688,900
											-
											-
											-
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	688,900	688,900
<b>IMPACT ON OPERATING BUDGET</b>											
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 823-Junipero Serra Blvd and Citrus Ave SSMP Rehab

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY2015. Upsize 116 ft of 8" pipe to 10" and 593 ft of 8" and 10" to 12" and 977 ft of 10" and 12" pipe to 15" along Junipero Serra Blvd and Citrus Ave. This project includes replacing 17 manholes (22, 62-66, 78, and 81-90).

**PROJECT JUSTIFICATION:**

Collection System Capacity Evaluation/Assurance, Management and Improvement Plan.

**823-Junipero Serra Blvd and Citrus Ave SSMP Rehab**

	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL
<b>PROJECT EXPENDITURES:</b>											
<b>1-DESIGN</b>	-										
IN-HOUSE SRV CHG DESIGN											
CONTRACTUAL SERVICES DESIGN											
ADMINISTRATION DESIGN											
<b>2-CONSTRUCTION</b>					-	-	-	-	-	-	-
IN-HOUSE SRV CHG CONSTRUCTION											
CONTRACTUAL SERVICES CONSTRUCTION											
ADMINISTRATION CONSTRUCTION											
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT											
<b>4-OTHER USES</b>											
<b>TOTAL PROJECT EXPENDITURES</b>	-										

**REVENUE SOURCES:**

SANITATION DISTRICT	-										
<b>OTHER SOURCES</b>											
<b>TOTAL PROJECT REVENUES</b>	-	-	-	-	-	-	-	-	-	-	-

IMPACT ON OPERATING BUDGET	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	
PERSONNEL											-
OPERATING & MAINTENANCE											-
OTHER											-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-

## 824-Citrus Ave SSMP Rehab

**PROJECT DESCRIPTION AND OPERATING IMPACT:**

Continuing project from FY2015. On Citrus Ave between Miriam and Niantic Ave, replace 1,250 ft of 6" VCP sewer main and 6" plastic liner with 8" HDPE/SDR35. The section of line between Miriam and Woodrow has reached the end of its service life and has multiple bad joints. The section below Woodrow to Niantic has an undersized plastic liner that prevents us from utilizing all maintenance options to keep line clean. This line takes a lot of flow from the Mission St/Hillside area and is located under the South sidewalk of Citrus Ave. There is also a line on the North side of the street that runs parallel with this one, it would be desirable to move line from sidewalk into street.

**PROJECT JUSTIFICATION:**

Originally scheduled for FY10/11, project would eliminate undersized main and liner and provide adequate capacity for heavy flow. Will allow better access for maintenance and video inspection.

824-Citrus Ave SSMP Rehab	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	TOTAL	
<b>PROJECT EXPENDITURES:</b>												
<b>1-DESIGN</b>												
IN-HOUSE SRV CHG DESIGN	-											
CONTRACTUAL SERVICES DESIGN												
ADMINISTRATION DESIGN												
<b>2-CONSTRUCTION</b>												
IN-HOUSE SRV CHG CONSTRUCTION												
CONTRACTUAL SERVICES CONSTRUCTION												
ADMINISTRATION CONSTRUCTION												
<b>3-EQUIPMENT</b>												
EQUIPMENT												
<b>4-OTHER USES</b>												
<b>TOTAL PROJECT EXPENDITURES</b>	-											
<b>REVENUE SOURCES:</b>												
SANITATION DISTRICT	-											
<b>OTHER SOURCES</b>												
<b>TOTAL PROJECT REVENUES</b>	-											
<b>IMPACT ON OPERATING BUDGET</b>												
PERSONNEL												
OPERATING & MAINTENANCE												
OTHER												
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-											

