



Adopted Five Year Capital Improvement Program

Fiscal Years 2019-20 to 2023-24



CITY OF SIMI VALLEY





**Adopted Five Year
Capital Improvement Program
Fiscal Years 2019-20 to 2023-24**



CITY OF SIMI VALLEY • CAPITAL IMPROVEMENT PROGRAM • FY 2019-20

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CITY OF SIMI VALLEY

Home of The Ronald Reagan Presidential Library

July 1, 2019

Dear Members of the City Council/Boards of Directors:

I am pleased to submit the Adopted Five-Year Capital Improvement Program (“CIP”) for FY 2019-20 to FY 2023-24. The City has been publishing a CIP annually since FY 2003-04 in order to identify and plan for future infrastructure, equipment, and technology needs. The information contained in the CIP provides information for City Council consideration regarding the City’s future capital improvement needs while deliberating the Budget for the upcoming fiscal year.

The CIP is submitted as a separate document to the Adopted Budget and contains detailed information, by project, regarding capital improvements to be funded in FY 2019-20. It also serves as a capital improvement spending plan for the subsequent four years. All projects contained in the CIP in future Fiscal Years will not necessarily be funded as proposed; the City Council will consider all projects on a year-by-year basis in conjunction with annual budget adoption.

Those departments, agencies, and districts responsible for implementing and overseeing the City’s multi-year capital development activities developed the projects contained in this document. Information is provided for each project with regard to estimated cost, financing, and the year(s) of implementation. Also provided are descriptions of the work to be accomplished, the project manager’s name, and the estimated ongoing cost of operations and maintenance.

Capital improvement projects are assigned to the following six categories:

Municipal Buildings and Grounds – New construction, expansion, and renovation of City-owned structures or outdoor areas

Sanitation – Enlargement of the City’s sanitation system, replacement of existing sanitation facilities and plant, and replacement of sewer lines



Technology – Improvements to the City’s communications and information technology capabilities

Transit – Expansion, replacement, and improvements to the City’s fleet of buses and vans and supporting facilities

Streets and Roads – Improvements to the City’s transportation infrastructure including streets, traffic signals, bicycle and pedestrian facilities, and storm drains

Waterworks District – Expansion and replacement of the City’s water distribution and storage system including tanks, treatment plants, pump stations, and distribution lines

Expenditure Program

A total of 100 capital projects at an estimated five-year cost of \$117,133,185 are contained in the Proposed CIP. Funding for FY2019/20, is funded at \$23,741,185. The balance of \$93,392,000 is proposed by departments for funding in FY2020/21 to FY2023/24.

Projects are prioritized based upon urgency of need and available funding, with items that might cause public safety concerns taking highest priority, as do those which further City Council’s stated goals for a critical infrastructure and replacement plan. Projects that will generate future revenues (“pay back”) or which will result in operational efficiencies, such as technology, improvements are placed in higher priority. The City is continuing to resurface residential streets at various locations in the City, mostly with State Gas Tax funding.

Notable projects and programs in FY2019/20 are as follows:

- Over \$9 million in sanitation projects. Included are \$3.6 million for dewatering equipment at the WQCP to be completed in 2020 and \$3.0 million to rehabilitate a sewer line on Royal Avenue between Pride Street and Erringer Road.
- Continuing technology upgrades which includes a new ERP system to replace the City’s outdated HR/Payroll, land management, and other critical business systems.

- Over \$3 million for resurfacing residential streets at various locations throughout the City. Project priority is based on pavement conditions identified in the City’s Pavement Management System. Most of the funding is coming via State Transportation funds.
- \$2 million to purchase existing recycled water facilities from CMWD to support the City’s recycled water goals.
- \$3 million to develop the Simi Valley Groundwater Basin into a potable water resource by treating groundwater for potable use. This project, when complete, would decrease the amount of water to be purchased each year from the CMWD.

Ongoing Operating Expenses

The projected annual increase in operations and maintenance expense in FY 2019-20, as a result of projects scheduled for, or near, completion in FY 2019-20, is \$579,900 with \$566,900 from the General Fund and \$13,000 from the Waterworks District. If all projects scheduled in the CIP are completed and put into service, that amount will increase to \$599,900 per year. The following table identifies the anticipated cumulative increases in operating expenses by fund and fiscal year.

PROJECTED CUMULATIVE INCREASE IN OPERATING EXPENSES

<u>Fund</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>	<u>FY 2021-22</u>	<u>FY 2022-23</u>	<u>FY 2023-24</u>
General Fund	\$ 566,900	\$ 566,900	\$ 566,900	\$ 566,900	\$ 566,900
Waterworks District Operating Fund	\$ 13,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000
Total Increase	\$ 579,900	\$ 599,900	\$ 599,900	\$ 599,900	\$ 599,900

Funding Sources

The City relies primarily upon non-General Fund revenue sources for its projects. As City revenues have remained fairly flat and costs have increased, the availability of General Fund monies for capital projects has also decreased.

Requests for rate increases for both Sanitation and the Waterworks District were approved in 2015 and will increase monies available for capital infrastructure needs in those enterprise funds. The Sanitation Fund and Waterworks District are the largest funding sources for Sanitation and Waterworks projects.

Other alternative funding sources for capital projects include grants, development agreement funds, bond proceeds, and PEG funds which are collected as 1% of franchise cable television revenues within the City. These funds are restricted for use only on PEG channel related capital items and cannot be used for ongoing operational cost.

The City allocates a portion of its CDBG funds for the Annual Minor Street Rehabilitation Program. Development agreement funds, collected from developers also help to fund the Capital Improvement Program. Finally, contributions from Waste Management are used for various beautification and landscape projects.

Accounting System and Budgetary Control

The City's accounting records for general governmental operations are maintained on a modified accrual basis, with revenues being recorded when measurable and available to finance expenditures of the current fiscal year, and expenditures being recorded when the services or goods are received and liabilities incurred.

The City budget is prepared on a basis consistent with GAAP. Appropriations lapse at year-end for all funds, with the exception of capital projects, which have project-length budgets. Revenue and expenditure projections associated with capital projects are incorporated into the annual operating budget, as the City is legally required to appropriate all spending on a yearly basis. Multi-year capital project budgets are established as separate projects to track revenues and expenditures and to prevent over expenditures without proper authorization.

Project budget reports can be generated on demand by operating departments.

Summary

The Five-Year CIP for FY2019/20 to FY2023/24 identifies the City's short-range and medium-range capital improvement needs. Investing in our streets, sanitation, and waterworks infrastructure, improving efficiency through technology, and updating and maintaining City facilities are emphasized as priorities in this spending plan.

FY2019/20 projects contained in the CIP are funded in the FY2019/20 Annual Budget. The projected development costs, operating costs, and sources of funding for projects proposed for implementation during FY2019/20 to FY2023/24 are based on work load and estimated inflation factors and provided here to assist the City Council/Board of Directors in making informed budget decisions for FY2019/20.

A handwritten signature in blue ink, appearing to read "Brian Paul Gabler", is positioned above a horizontal line.

Brian Paul Gabler
Interim City Manager

California Society of Municipal Finance Officers

Certificate of Award

Excellence Award for Fiscal Year 2018-2019 Capital Budget

Presented to the

City of Simi Valley

For meeting the criteria established to achieve the CSMFO Excellence Award for Budgeting.

December 19, 2018



Margaret Moggia

***Margaret Moggia
CSMFO President***

Sara J. Roush

***Sara Roush, Chair
Recognition Committee***

Dedicated Excellence in Municipal Financial Reporting

RESOLUTION NO. 2019-23
RESOLUTION NO. WWD-273
RESOLUTION NO. SA-08
RESOLUTION NO. PL-26

A JOINT RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SIMI VALLEY, BOARDS OF DIRECTORS OF VENTURA COUNTY WATERWORKS DISTRICT NO. 8, SUCCESSOR AGENCY TO THE CITY OF SIMI VALLEY COMMUNITY DEVELOPMENT AGENCY, AND BOARD OF TRUSTEES FOR THE SIMI VALLEY LIBRARY APPROVING THE FY 2019-20 ANNUAL BUDGET AND THE FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM FOR FY 2019-20 TO FY 2023-24

WHEREAS, the City Manager / District Manager / Executive Director / Executive Officer has submitted the FY 2019-20 Proposed Budget and the Preliminary Five-Year Capital Improvement Program for FY 2019-20 to FY 2023-24 to the City Council / Boards of Directors / Board of Trustees for its review and consideration on May 17, 2019, in accordance with budget policies and a schedule established by the City Council; and

WHEREAS, a Citizens' Participation meeting was conducted with staff on May 23, 2019, at which time members of the public were invited to voice their opinions on any budget items and provide ideas that they believe should be included in the FY 2019-20 Annual Budget; and

WHEREAS, subsequent to providing the public an opportunity to submit written and oral comments, the City Council reviewed and modified, as appropriate, the FY 2019-20 Proposed Budget and Preliminary Five-Year Capital Improvement Program for FY 2019-20 to FY 2023-24; and

WHEREAS, pursuant to Governmental Accounting Standards Board Statement No. 54, an action of the City Council is necessary to commit budget amounts in various funds for the specific purposes they are intended.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Simi Valley, Boards of Directors of Ventura County Waterworks District No. 8, Successor Agency to the Simi Valley Community Development Agency, and Board of Trustees of the Simi Valley Library as follows:

SECTION 1. The FY 2019-20 Annual Budget and Five-Year Capital Improvement Program for FY 2019-20 to FY 2023-24, on file with the City Clerk, are hereby approved.

SECTION 2. All budget amounts that are to be used for specific purposes, as evidenced by the approved budget document, and any amendments thereto, are committed to these specific purposes by action of the City Council.

RES. NO. 2019-23
RES. NO. WWD-273
RES. NO. SA-08
RES. NO. PL-26

SECTION 3. A General Fund Prudent Reserve, equivalent to 17% of budgeted expenditures, is hereby established. The Prudent Reserve is to be used to respond to catastrophic events (e.g., earthquakes, fires, floods, civil disturbances, etc.). The City Manager or his/her designee is authorized to expend the reserved funds as necessary.

SECTION 4. The City Manager or his/her designee is authorized to make administrative amendments to the budget, provided the amendments do not have a significant policy impact or affect budgeted year-end fund balances.

SECTION 5. The City Council hereby finds and determines that the planning and administrative expenses outlined in the FY 2019-20 Budget for the Community Development Agency Housing Successor Agency Administration Fund are necessary for the production, improvement, or preservation of low and moderate income housing.


SECTION 6. This Resolution shall take effect immediately upon its adoption.

SECTION 7. The City Clerk shall certify to the adoption of this resolution and shall cause a certified resolution to be filed in the Office of the City Clerk.

PASSED and ADOPTED this 3rd day of June 2019.

Attest:


Ky Spangler, City Clerk
District Secretary/Agency Secretary/Board Secretary


Keith L. Mashburn, Mayor of the City of Simi Valley, California, Chair of the Ventura County Waterworks District No. 8, Successor Agency to the Simi Valley Community Development Agency, and President of the Simi Valley Library Board of Trustees

Approved as to Form:


Lonnie J. Eldridge, City Attorney/District Counsel/Agency Counsel/General Counsel

Approved as to Content:


Brian Paul Gabler, Interim City Manager/District Manager Executive Director/Executive Officer

BUDGET AND CIP FORMULATION AND ADOPTION

Each year, the City of Simi Valley develops and adopts a balanced budget which serves as a guide for providing City services. The budget contains detailed goals and objectives, a working financial plan, and financial projections for departments and agencies that comprise the City's governmental structure. A separate Capital Improvement Program (CIP) is also prepared as a more detailed listing of capital projects for which funding is included in the operating budget.

The City's fiscal year runs from July 1 to June 30. In November, departments and agencies are instructed to identify and submit requests for new positions and position reclassifications to the Human Resources office. Departments are instructed to identify and submit requests for capital office furniture and communications equipment to the Support Services office in early February. Requests for new and non-standard computer hardware and software are due to the Information Services office in early February as well.

In January, the City Council adopts budget development guidelines which provide overall direction for development of the Proposed Budget and Supporting Document. Subsequent to the City Council's action, the Budget Office issues detailed budget development instructions to departments and agencies.

Departments and agencies submit current level expense budgets, requests for budget increases (Policy Items), requests for replacement of equipment items (Capital Asset Requests), and possible budget reductions (Reductions) to the Budget Officer in early March. Concurrently, the Human Resources Office, Information Services Office, and Support Services Office issues their recommendations for new and reclassified positions, non-standard computer hardware and software, office furniture, and communications equipment. The Budget Office, with assistance from departments and agencies, also develops preliminary revenue projections during this period.

The City Manager and his staff conduct a series of budget review meetings with departments and agencies in March. The City Manager also reviews revenue projections during this period.

A Proposed Budget for all operating and capital improvement funds and the CIP are prepared and distributed in May.

One or more budget hearings are held by the City Council in June. Once adopted by City Council, the Adopted Budget and CIP go into effect on July 1.

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY CATEGORY

Category	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Municipal Buildings and Grounds	\$ 583,000	\$ 1,860,000	\$ 1,350,000	\$ 568,000	\$ 673,000	\$ 5,034,000
Sanitation	9,310,000	13,925,000	13,145,000	16,315,000	3,620,000	56,315,000
Transit	241,886	80,000	80,000	-	-	401,886
Streets and Roads	3,876,299	6,555,000	13,490,000	3,990,000	3,990,000	31,901,299
Waterworks	9,730,000	4,435,000	3,690,000	3,925,000	1,701,000	23,481,000
CITYWIDE TOTAL	\$ 23,741,185	\$ 26,855,000	\$ 31,755,000	\$ 24,798,000	\$ 9,984,000	\$ 117,133,185

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
<u>Municipal Buildings and Grounds Projects</u>						
Cultural Arts Center ("CAC") Repairs	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	\$ -	\$ 390,000
Library Collections	225,000	225,000	225,000	228,000	228,000	1,131,000
Library Furnishings & Equipment	5,000	5,000	5,000	50,000	45,000	110,000
Police Training Facility	25,000	-	-	-	-	25,000
PSC Garage & Office Facility	15,000	-	-	-	-	15,000
Repairs and Upgrades to the Library	150,000	300,000	800,000	100,000	100,000	1,450,000
Senior Center Repairs and Upgrades	163,000	1,000,000	300,000	150,000	300,000	1,913,000
Total For Category	\$ 583,000	\$ 1,860,000	\$ 1,350,000	\$ 568,000	\$ 673,000	\$ 5,034,000
<u>Sanitation Projects</u>						
10-12" Sewerline Rehabilitation	\$ 970,000	\$ -	\$ -	\$ -	\$ -	\$ 970,000
10-20" Sewerline Rehabilitation	-	50,000	1,950,000	-	-	2,000,000
10-27" Sewerline Rehabilitation	50,000	1,000,000	-	-	-	1,050,000
12-24" Sewerline Rehabilitation	-	-	50,000	1,200,000	-	1,250,000
14-36" Sewerline Rehabilitation	-	50,000	1,700,000	-	-	1,750,000
Annual Sewerline Inspection / Cleaning	100,000	100,000	100,000	100,000	100,000	500,000
Arroyo Lift Station Rehabilitation	90,000	-	-	-	-	90,000
BNR Blowers Replacement and/or Overhaul	-	-	1,500,000	-	-	1,500,000
BNR West Recycle Pump Replacement	260,000	-	-	-	-	260,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
<u>Sanitation Projects (continued)</u>						
Building Roof Rehabilitation	-	-	100,000	1,025,000	-	1,125,000
DAFT 1 & 2 Replacement	-	-	50,000	1,450,000	-	1,500,000
Dewatering Equipment Replacement	3,600,000	-	-	-	-	3,600,000
Digesters Rehabilitation Project	100,000	-	-	4,150,000	-	4,250,000
Easy Street & Arroyo Simi Sewer Rehabilitation	-	40,000	470,000	-	-	510,000
Electrical Conveyance Replacement	-	-	200,000	1,800,000	-	2,000,000
Filter Equipment Replacement	525,000	-	2,025,000	-	-	2,550,000
First/Fifth/Royal/Ventura Sewerline	-	4,960,000	-	-	-	4,960,000
Grit Pumps Replacement	325,000	-	-	-	-	325,000
Grit Removal System Rehabilitation	150,000	750,000	-	-	-	900,000
Headworks Building Upgrade	-	3,525,000	-	-	-	3,525,000
Hilldale Avenue Sewerline Rehabilitation	-	-	-	-	220,000	220,000
Justin Avenue Sewerline Rehabilitation	-	-	450,000	-	-	450,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	-	-	-	3,000,000	3,300,000	6,300,000
Laboratory Hoods Replacement	-	100,000	-	-	-	100,000
Primary Clarifier Rehabilitation	-	-	150,000	1,350,000	-	1,500,000
Rosalie and Tracy Sewerline Rehabilitation	-	-	650,000	-	-	650,000
Royal (Pride-Erringer) Sewerline Rehabilitation	2,990,000	-	-	-	-	2,990,000
Royal Ave-Stow Sewerline Rehabilitation	-	-	550,000	-	-	550,000
Secondary Clarifier/RAS Pump Replacement	-	3,200,000	3,200,000	-	-	6,400,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
<u>Sanitation Projects (continued)</u>						
Stow / LA Avenue Sewer Trunk Rehabilitation	-	-	-	2,240,000	-	2,240,000
WQCP Road Paving	150,000	150,000	-	-	-	300,000
Total For Category	\$ 9,310,000	\$ 13,925,000	\$ 13,145,000	\$ 16,315,000	\$ 3,620,000	\$ 56,315,000
<u>Streets and Roads Projects</u>						
Annual Major Street Rehabilitation Program	\$ -	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 4,800,000
Annual Minor Street Overlay Program	934,110	1,850,000	1,850,000	1,850,000	1,850,000	8,334,110
Annual Minor Street Overlay Program - SB1	2,131,189	-	-	-	-	2,131,189
Barnard St. Bridge Rehabilitation	330,000	-	-	-	-	330,000
Bicycle and Pedestrian Facilities	-	120,000	120,000	120,000	120,000	480,000
Dewatering Wells Rehabilitation	-	120,000	120,000	120,000	120,000	480,000
Easy Street Sidewalk Construction - Phase I	34,000	-	-	-	-	34,000
Easy Street Sidewalk Construction - Phase II	-	305,000	-	-	-	305,000
Highway Safety Improvement Program	-	50,000	50,000	50,000	50,000	200,000
Landscape Beautification	80,000	80,000	80,000	80,000	80,000	400,000
LA Avenue Bridge W of First St Reconstruction	40,000	1,660,000	9,510,000	-	-	11,210,000
Pavement Management Program	120,000	-	-	-	-	120,000
Storm Drain Improvements	-	200,000	200,000	200,000	200,000	800,000
Storm Drain Repair - Phase I	57,000	-	-	-	-	57,000
Tapo Street Road/Drainage Improvements	-	300,000	-	-	-	300,000

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FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
<u>Streets and Roads Projects (continued)</u>						
Traffic Signal	-	200,000	210,000	220,000	220,000	850,000
Traffic Signal Synchronization	150,000	150,000	150,000	150,000	150,000	750,000
Walnut Street Widening	-	320,000	-	-	-	320,000
Total For Category	\$ 3,876,299	\$ 6,555,000	\$ 13,490,000	\$ 3,990,000	\$ 3,990,000	\$ 31,901,299
<u>Transit Projects</u>						
Bus Stop Improvements	\$ 43,786	\$ -	\$ -	\$ -	\$ -	\$ 43,786
CNG Fueling Station Upgrade	68,100	-	-	-	-	68,100
Paratransit Dispatching System	50,000	-	-	-	-	50,000
Transit Management System	80,000	80,000	80,000	-	-	240,000
Total For Category	\$ 241,886	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ 401,886
<u>Waterworks District Projects</u>						
District Telemetry Systems	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Flanagan Tank Repair and Recoat	-	-	435,000	-	-	435,000
High Risk Pipeline Replacement	100,000	700,000	-	-	-	800,000
Hilltop Tank Rafter Repair	-	210,000	-	-	-	210,000
Landscape, Fencing, Noise Barrier	10,000	10,000	10,000	10,000	10,000	50,000
Lilac Tank Repair	-	-	-	-	255,000	255,000
Main Line Valve Replacement	125,000	125,000	125,000	125,000	125,000	625,000

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FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY CATEGORY AND PROJECT

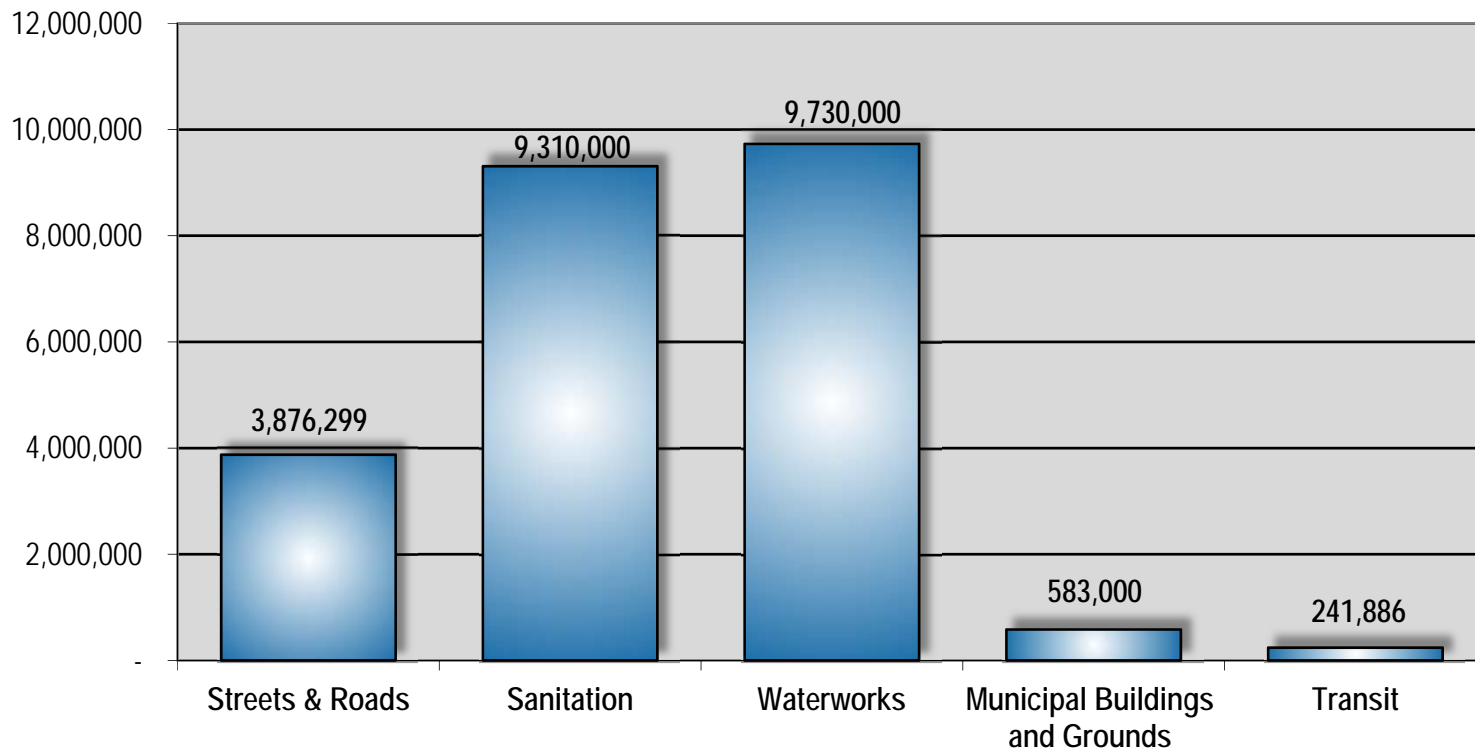
Category/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
<u>Waterworks District Projects (continued)</u>						
Marr Ranch Tank 1 Rafters Repair	-	180,000	-	-	-	180,000
Mellow Lane Tank Repair and Recoat	-	-	-	-	130,000	130,000
New Well in Gillibrand Basin	1,350,000	-	-	-	-	1,350,000
Painting of Water Facilities	60,000	60,000	60,000	60,000	60,000	300,000
Paving & Slurry Seal at Tank Sites	25,000	25,000	25,000	25,000	25,000	125,000
Pump Station Rehabilitation - Station 1	-	250,000	-	-	-	250,000
Pump Station Rehabilitation - Station 2	280,000	-	-	-	-	280,000
Purchase Recycled Water Facilities	2,000,000	-	-	-	-	2,000,000
Refurbishment/Install District Pumping	55,000	55,000	55,000	55,000	55,000	275,000
Seismic Evaluation of Water Tanks	250,000	-	-	-	-	250,000
Simi Valley Groundwater Basin	3,000,000	-	-	-	-	3,000,000
Stearns Tank 1 and 2 Repairs	-	-	330,000	-	-	330,000
Stow Tanks 1-4 Repairs and Recoat	-	-	-	700,000	-	700,000
Tank Inspection and Cleaning	40,000	60,000	40,000	50,000	40,000	230,000
Valve Box Replacement	15,000	15,000	15,000	15,000	15,000	75,000
Vulnerability Assessment Upgrades	60,000	60,000	60,000	60,000	60,000	300,000
Walnut Avenue Pump Station	-	500,000	-	-	-	500,000
Walnut Tank 1 Repair amd Recoat	380,000	-	-	-	-	380,000
Walnut Tank 2 Repair amd Recoat	-	330,000	-	-	-	330,000
Water Line Replacement - Black Cnyn/Gaston/Reis/Studio	-	-	625,000	-	-	625,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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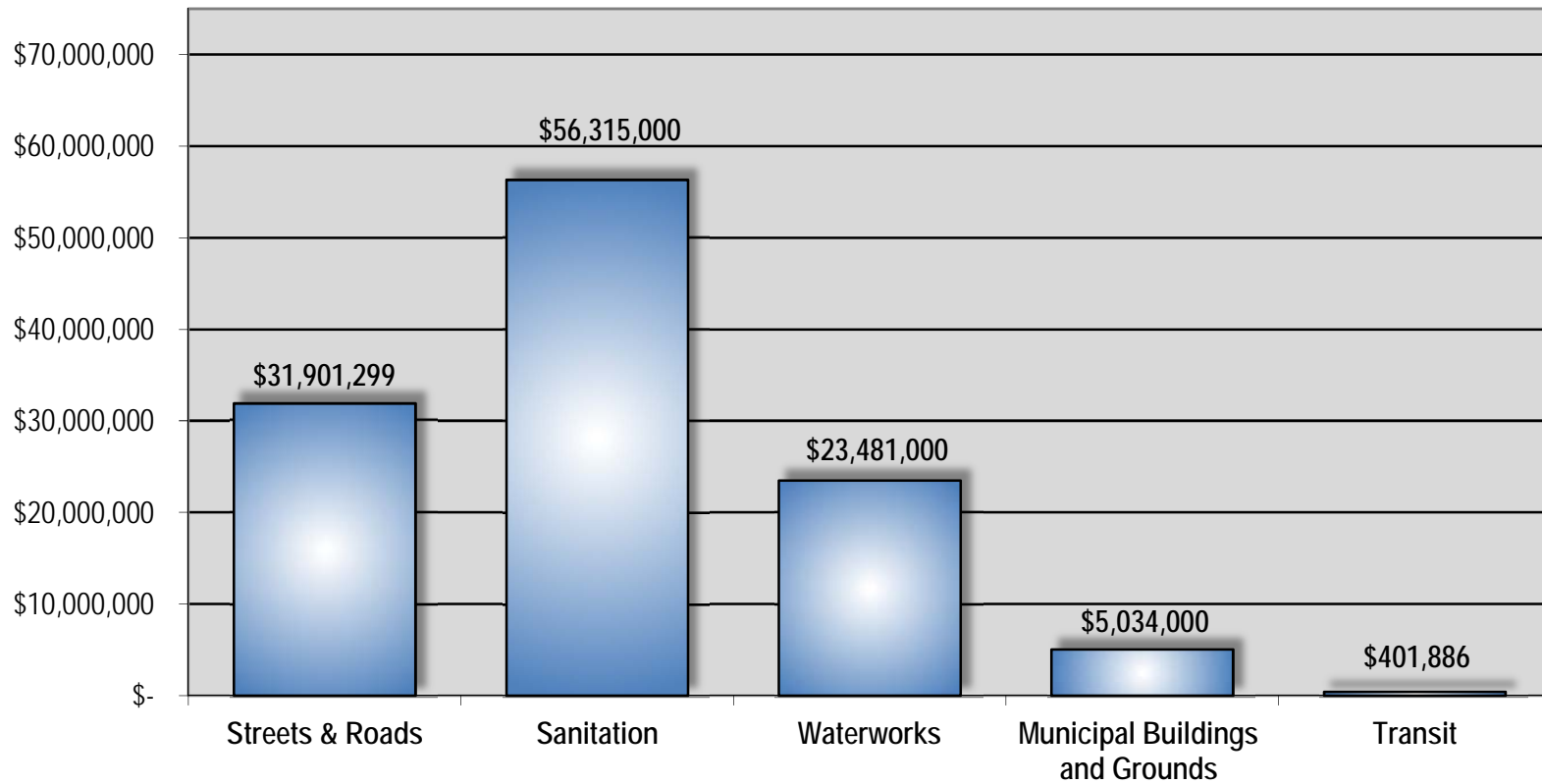
PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
<u>Waterworks District Projects (continued)</u>						
Water Line Replacement - Casa Grande/Redwood	-	-	370,000	-	-	370,000
Water Line Replacement - Dennis/Rollins/Wells/Peppertree	-	625,000	-	-	-	625,000
Water Line Replacement - Del Robles/Foothill/End/Camino	-	-	-	475,000	-	475,000
Water Line Replacement - Ehlers/Larson/My Way	300,000	-	-	-	-	300,000
Water Line Replacement - Folly Sims	-	-	-	-	584,000	584,000
Water Line Replacement - Gaston 2" PEP, El Camino	-	-	310,000	-	-	310,000
Water Line Replacement - Hilltop Rd./Oak Knolls	-	-	-	470,000	-	470,000
Water Line Replacement - Lilac Tank	-	-	-	-	242,000	242,000
Water Line Replacement - Studio/Los Nogales/LA	-	-	-	650,000	-	650,000
Water Main Replacement Program	1,050,000	1,050,000	1,050,000	1,050,000	-	4,200,000
Waterworks Capacity Study	250,000	-	-	-	-	250,000
Waterworks Risk Assessment and ERP	200,000	-	-	-	-	200,000
Well Rehabilitation	80,000	80,000	80,000	80,000	-	320,000
Total For Category	\$ 9,730,000	\$ 4,435,000	\$ 3,690,000	\$ 3,925,000	\$ 1,701,000	\$ 23,481,000
 CITYWIDE TOTAL	 \$ 23,741,185	 \$ 26,855,000	 \$ 31,755,000	 \$ 24,798,000	 \$ 9,984,000	 \$ 117,133,185

CAPITAL IMPROVEMENT PROGRAM
FY 2019-20 SUMMARY BY CATEGORY
\$23,741,185



CAPITAL IMPROVEMENT PROGRAM PLAN
FY2019-20 TO FY2023-24 SUMMARY BY CATEGORY
\$117,133,185



CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
General Fund (100)						
Annual Major Street Rehabilitation Program	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,000,000
Annual Minor Street Overlay Program	-	1,330,000	1,330,000	1,330,000	1,330,000	5,320,000
Bicycle and Pedestrian Facilities	-	60,000	60,000	60,000	60,000	240,000
Dewatering Wells Rehabilitation	-	120,000	120,000	120,000	120,000	480,000
Easy Street Sidewalk Construction - Phase II	-	305,000	-	-	-	305,000
Highway Safety Improvement Program	-	50,000	50,000	50,000	50,000	200,000
Los Angeles Avenue Bridge West of First Street	-	190,000	1,090,800	-	-	1,280,800
Storm Drain Improvements	-	200,000	200,000	200,000	200,000	800,000
Tapo Street Road & Drainage Improvements	-	300,000	-	-	-	300,000
Traffic Signal	-	200,000	210,000	220,000	220,000	850,000
Walnut Street Widening	-	37,000	-	-	-	37,000
Total For Fund	\$ -	\$ 3,792,000	\$ 4,060,800	\$ 2,980,000	\$ 2,980,000	\$ 13,812,800
Bicycle Lanes Fund (233)						
Bicycle and Pedestrian Facilities	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000
Total For Fund	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000
Building Improvement Fund (655)						
CAC Repairs	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	-	\$ 390,000
Total For Fund	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	\$ -	\$ 390,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Community Development Block Grant (290)						
Annual Minor Street Overlay Program	\$ 567,110	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,167,110
Total For Fund	\$ 567,110	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,167,110
Contributions and Loans						
Landscape Beautification Projects	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000
Police Training Facility	75,000	75,000	75,000	75,000	75,000	375,000
Total For Fund	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 775,000
County/State/Federal Funds (various)						
Annual Minor Street Overlay Program - SB1	\$ 2,131,189	\$ -	\$ -	\$ -	\$ -	\$ 2,131,189
Barnard St. Bridge Rehabilitation	293,000	-	-	-	-	293,000
Bus Stop Improvements	43,786	-	-	-	-	43,786
CNG Fueling Station Upgrade	68,100	-	-	-	-	68,100
Los Angeles Avenue Bridge West of First Street	35,000	1,470,000	8,419,200	-	-	9,924,200
Paratransit Dispatching System	50,000	-	-	-	-	50,000
Transit Management System	80,000	80,000	80,000	-	-	240,000
Walnut Street Widening	-	283,000	-	-	-	283,000
Total For Fund	\$ 2,701,075	\$ 1,833,000	\$ 8,499,200	\$ -	\$ -	\$ 13,033,275

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Development Agreement Fund (262)						
Annual Minor Street Overlay Program	\$ 247,000	\$ -	\$ -	\$ -	\$ -	\$ 247,000
Barnard Street Rehabilitation Project	37,000	-	-	-	-	37,000
Los Angeles Avenue Bridge West of First Street	5,000	-	-	-	-	5,000
Easy Street Sidewalk Construction - Phase I	34,000	-	-	-	-	34,000
Pavement Management Program	120,000	-	-	-	-	120,000
PSC Garage & Office Facility	5,000	-	-	-	-	5,000
Senior Center Repairs and Upgrades	163,000	1,000,000	300,000	150,000	300,000	1,913,000
Storm Drain Repair - Phase I	57,000	-	-	-	-	57,000
Total For Fund	\$ 668,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 2,418,000
Library Fund (250)						
Library Collections	\$ 225,000	\$ 225,000	\$ 225,000	\$ 228,000	\$ 228,000	\$ 1,131,000
Library Furnishings & Equipment	5,000	5,000	5,000	50,000	45,000	110,000
Repairs and Upgrades to the Library	150,000	300,000	800,000	100,000	100,000	1,450,000
Total For Fund	\$ 380,000	\$ 530,000	\$ 1,030,000	\$ 378,000	\$ 373,000	\$ 2,691,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Sanitation Operating Fund (700)						
Annual Major Street Rehabilitation Program	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Annual Minor Street Overlay Program	60,000	60,000	60,000	60,000	60,000	300,000
PSC Garage & Office Facility	5,000	-	-	-	-	5,000
Total For Fund	\$ 65,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 705,000
Sanitation Replacement Reserve Fund (702)						
14-36" Sewerline Rehabilitation	\$ -	\$ 50,000	\$ 1,700,000	\$ -	\$ -	\$ 1,750,000
Annual Sewerline Inspection/Cleaning	100,000	100,000	100,000	100,000	100,000	500,000
Arroyo Lift Station Rehabilitation	90,000	-	-	-	-	90,000
10-12" Sewerline Rehabilitation	970,000	-	-	-	-	\$ 970,000
10-20" Sewerline Rehabilitation	-	50,000	1,950,000	-	-	2,000,000
10-27" Sewerline Rehabilitation	50,000	1,000,000	-	-	-	1,050,000
12-24" Sewerline Rehabilitation	-	-	50,000	1,200,000	-	1,250,000
BNR Mixer Replacement	-	-	1,500,000	-	-	1,500,000
BNR West Recycle Pumps Replacement	260,000	-	-	-	-	260,000
Building Roof Rehabilitation	-	-	100,000	1,025,000	-	1,125,000
DAFT 1 & 2 Replacement	-	-	50,000	1,450,000	-	1,500,000
Dewatering Equipment Replacement	3,600,000	-	-	-	-	3,600,000
Digesters Rehabilitation Project	100,000	-	-	4,150,000	-	4,250,000
Easy Street and Arroyo Simi Sewer Rehabilitation	-	40,000	470,000	-	-	510,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Sanitation Replacement Reserve Fund (702) (continued)						
Electrical Conveyance Replacement	-	-	200,000	1,800,000	-	2,000,000
Filter Equipment Replacement	525,000	-	2,025,000	-	-	2,550,000
First/Fifth/Royal/Ventura Sewerline	-	4,960,000	-	-	-	4,960,000
Grit Pumps Replacement	325,000	-	-	-	-	325,000
Grit Removal System Rehabilitation	150,000	750,000	-	-	-	900,000
Headworks Building Upgrade	-	3,525,000	-	-	-	3,525,000
Hilldale Avenue Sewerline Rehabilitation	-	-	-	-	220,000	220,000
Justin Avenue Sewerline Rehabilitation	-	-	450,000	-	-	450,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	-	-	-	3,000,000	3,300,000	6,300,000
Laboratory Hoods Replacement	-	100,000	-	-	-	100,000
Primary Clarifier Rehabilitation	-	-	150,000	1,350,000	-	1,500,000
Rosalie Street and Tracy Ave. Sewerline Rehabilitation	-	-	650,000	-	-	650,000
Royal Ave. (Pride - Erringer) Sewerline Rehabilitation	2,990,000	-	-	-	-	2,990,000
Royal Avenue, Stow Sewerline Rehabilitation	-	-	550,000	-	-	550,000
Secondary Clarifier/RAS Pump Replacement	-	3,200,000	3,200,000	-	-	6,400,000
Stow/LA Avenue Sewer Trunk Rehabilitation	-	-	-	2,240,000	-	2,240,000
WQCP Road Paving	150,000	150,000	-	-	-	300,000
Total For Fund	\$ 9,310,000	\$ 13,925,000	\$ 13,145,000	\$ 16,315,000	\$ 3,620,000	\$ 56,315,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Traffic Impact Fees Fund (263)						
Traffic Signal Synchronization Project	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
Total For Fund	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
Waterworks Operating Fund (761)						
Annual Major Street Rehabilitation Program	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Annual Minor Street Overlay Program	60,000	60,000	60,000	60,000	60,000	300,000
PSC Garage & Office Facility	5,000	-	-	-	-	5,000
Total For Fund	\$ 65,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 705,000
Waterworks Capital Fund (762)						
High Risk Pipeline Replacement	\$ 100,000.00	\$ 700,000.00	\$ -	\$ -	\$ -	\$ 800,000.00
New Well in Gillibrand Basin	1,350,000	-	-	-	-	1,350,000
Purchase Recycled Water Facilities	2,000,000	-	-	-	-	2,000,000
Simi Valley Groundwater Basin	3,000,000	-	-	-	-	3,000,000
Total For Fund	\$ 6,450,000	\$ 700,000	\$ -	\$ -	\$ -	\$ 7,150,000
Waterworks Replacement Reserve Fund (763)						
District Telemetry Systems	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Flanagan Tank Repair and Recoat	-	-	435,000	-	-	435,000
Hilltop Tank Rafter Repair	-	210,000	-	-	-	210,000
Landscape, Fencing, Noise Barrier	10,000	10,000	10,000	10,000	10,000	50,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Waterworks Replacement Reserve Fund (763) (continued)						
Lilac Tank Repair	-	-	-	-	255,000	255,000
Main Line Valve Replacement	125,000	125,000	125,000	125,000	125,000	625,000
Marr Ranch Tank 1 Rafters Repair	-	180,000	-	-	-	180,000
Mellow Lane Tank Repair and Recoat	-	-	-	-	130,000	130,000
Painting of Water Facilities	60,000	60,000	60,000	60,000	60,000	300,000
Paving & Slurry Seal at Tank Sites	25,000	25,000	25,000	25,000	25,000	125,000
Pump Station Rehabilitation - Station 1	-	250,000	-	-	-	250,000
Pump Station Rehabilitation - Station 2	280,000	-	-	-	-	280,000
Refurbishment/Install District Pumping Facilities	55,000	55,000	55,000	55,000	55,000	275,000
Seismic Evaluation of Water Tanks	250,000	-	-	-	-	250,000
Stearns Tank 1 and 2 Repairs	-	-	330,000	-	-	330,000
Stow Tanks 1-4 Repairs and Recoat	-	-	-	700,000	-	700,000
Tank Inspection and Cleaning	40,000	60,000	40,000	50,000	40,000	230,000
Valve Box Replacement	15,000	15,000	15,000	15,000	15,000	75,000
Vulnerability Assessment Upgrades	60,000	60,000	60,000	60,000	60,000	300,000
Walnut Avenue Pump Station	-	500,000	-	-	-	500,000
Walnut Tank 1 Repair and Recoat	380,000	-	-	-	-	380,000
Walnut Tank 2 Repair and Recoat	-	330,000	-	-	-	330,000
Water Line Replacement - Black Cnyn/Gaston/Reis/Studio	-	-	625,000	-	-	625,000

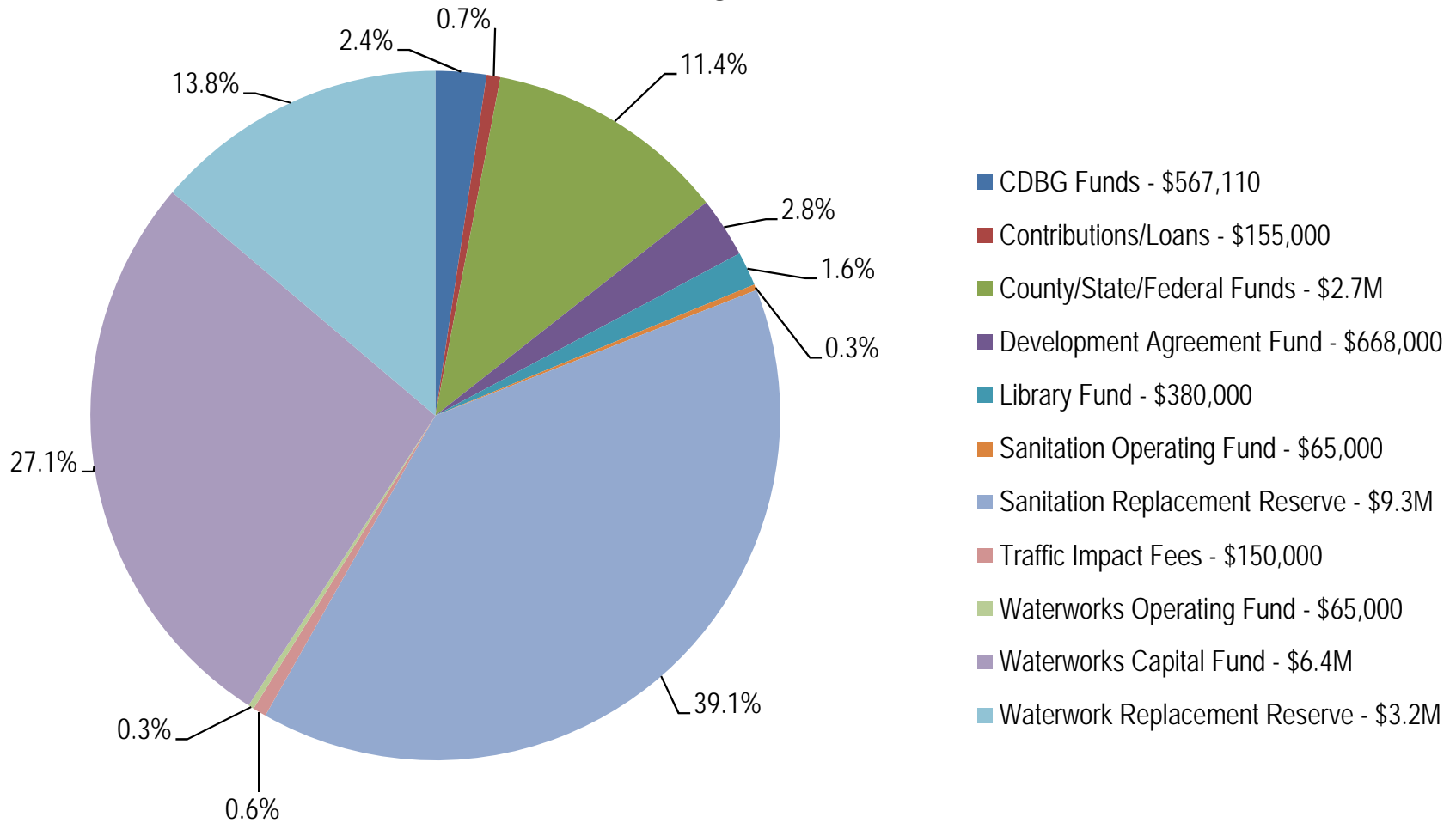
CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2019-20 TO 2023-24

PROGRAM SUMMARY BY FUND AND PROJECT

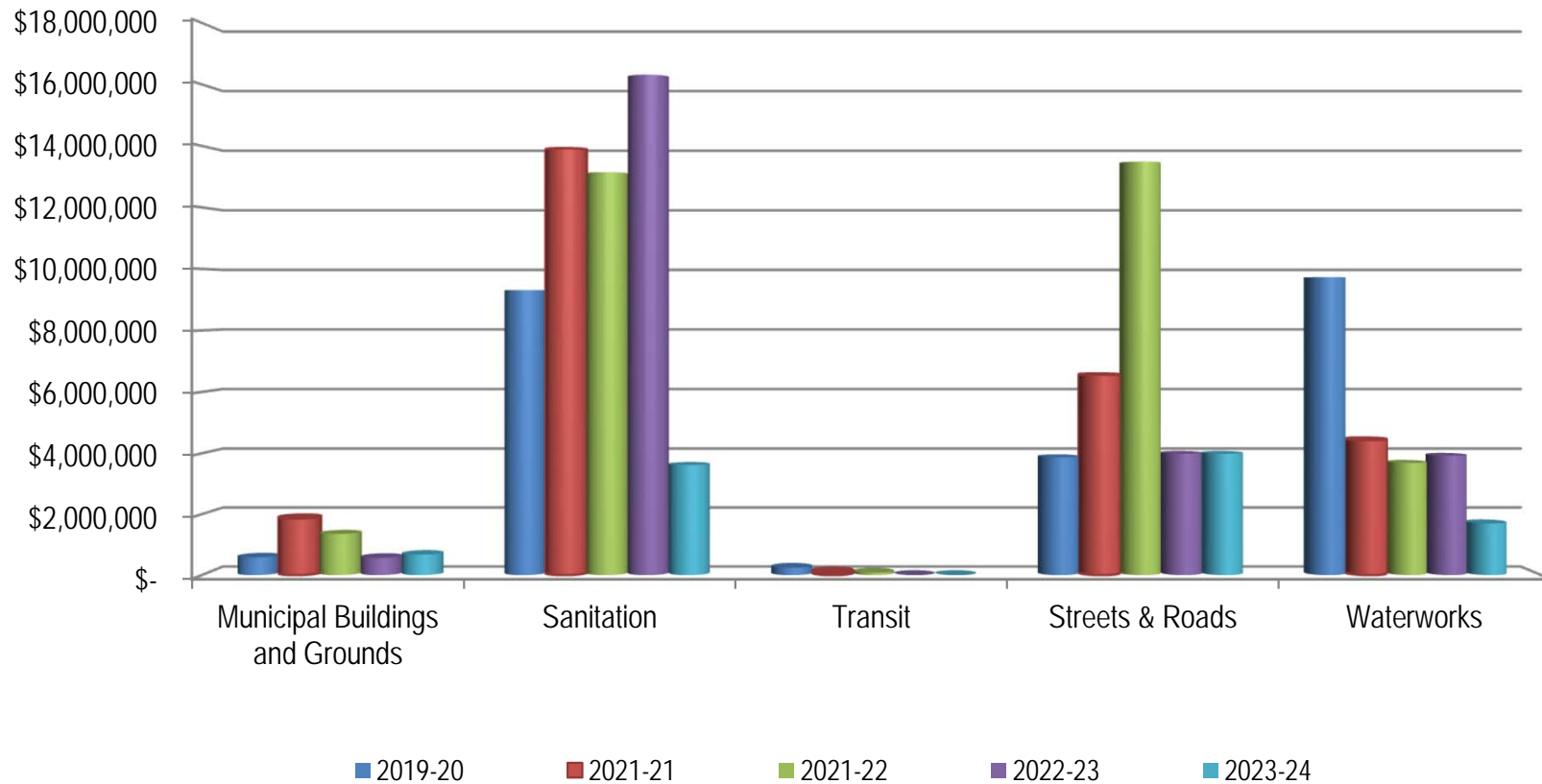
Fund/Fund Number/Project	Fiscal Year					Total
	2019-20	2020-21	2021-22	2022-23	2023-24	
Waterworks Replacement Reserve Fund (763) (continued)						
Water Line Replacement - Casa Grande/Redwood	-	-	370,000	-	-	370,000
Water Line Replacement - Dennis/Rollins/Wells/Peppertree	-	625,000	-	-	-	625,000
Water Line Replacement - Del Robles/Foothill/End/Camino	-	-	-	475,000	-	475,000
Water Line Replacement - Ehlers/Larson/My Way	300,000	-	-	-	-	300,000
Water Line Replacement - Folly Sims	-	-	-	-	584,000	584,000
Water Line Replacement - Gaston 2" PEP, El Camino	-	-	310,000	-	-	310,000
Water Line Replacement - Hilltop Rd./Oak Knolls	-	-	-	470,000	-	470,000
Water Line Replacement - Lilac Tank	-	-	-	-	242,000	242,000
Water Line Replacement - Studio/Los Nogales/LA	-	-	-	650,000	-	650,000
Water Main Replacement Program	1,050,000	1,050,000	1,050,000	1,050,000	-	4,200,000
Waterworks Capacity Study	250,000	-	-	-	-	250,000
Waterworks Risk Assessment and ERP	200,000	-	-	-	-	200,000
Well Rehabilitation Program	80,000	80,000	80,000	80,000	-	320,000
Total For Fund	\$ 3,280,000	\$ 3,735,000	\$ 3,690,000	\$ 3,925,000	\$ 1,701,000	\$ 16,331,000
CITYWIDE TOTAL	\$ 23,791,185	\$ 26,930,000	\$ 31,830,000	\$ 24,873,000	\$ 10,059,000	\$ 117,483,185

Any difference between revenues and expenditures will be paid through existing fund balances and prior authorized budget amounts.

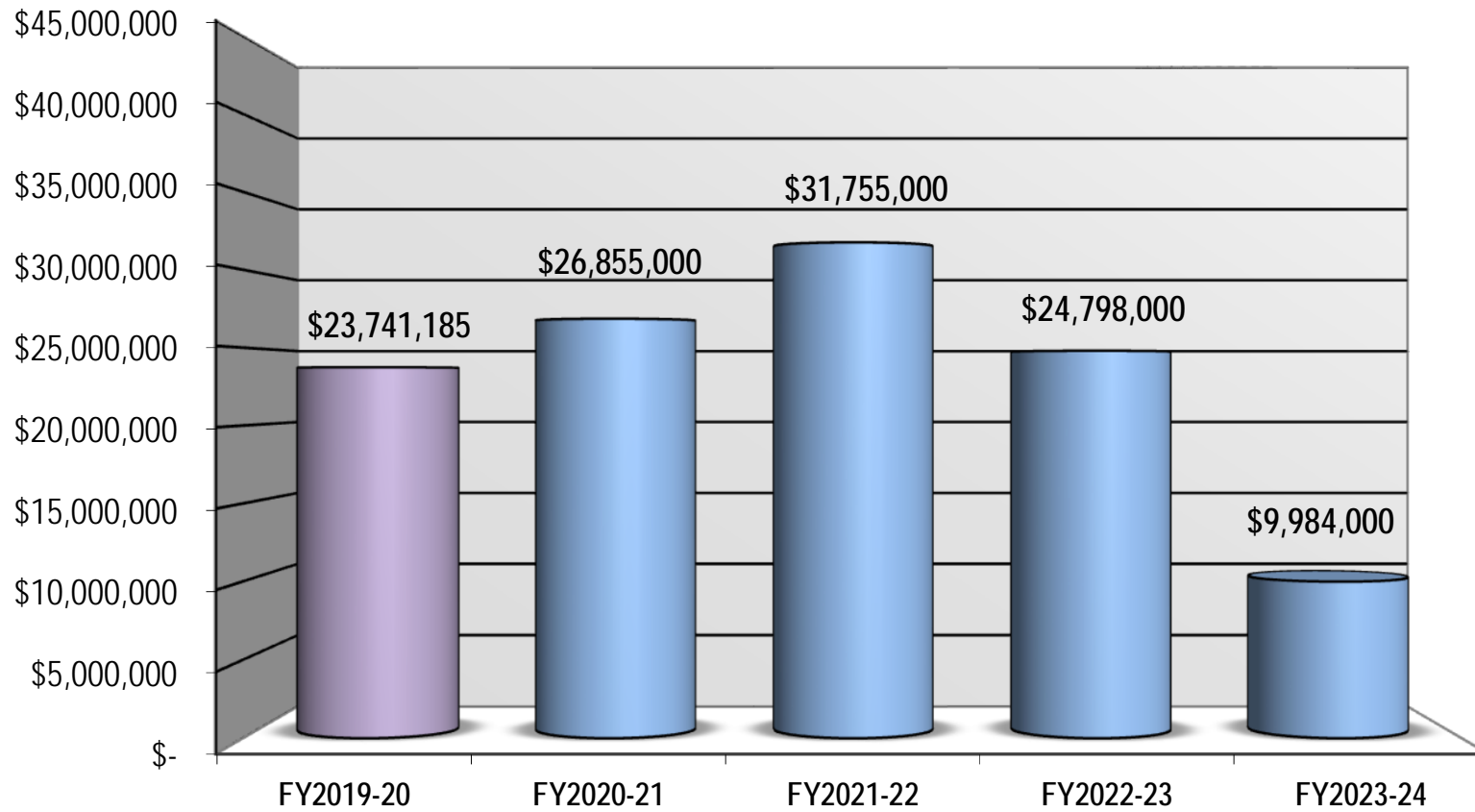
FY2019-20 Capital Improvement Program Funding Sources



FIVE-YEAR CAPITAL PLAN BY CATEGORY AND YEAR FY2019-20 to FY2023-24



FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY BY FISCAL YEAR



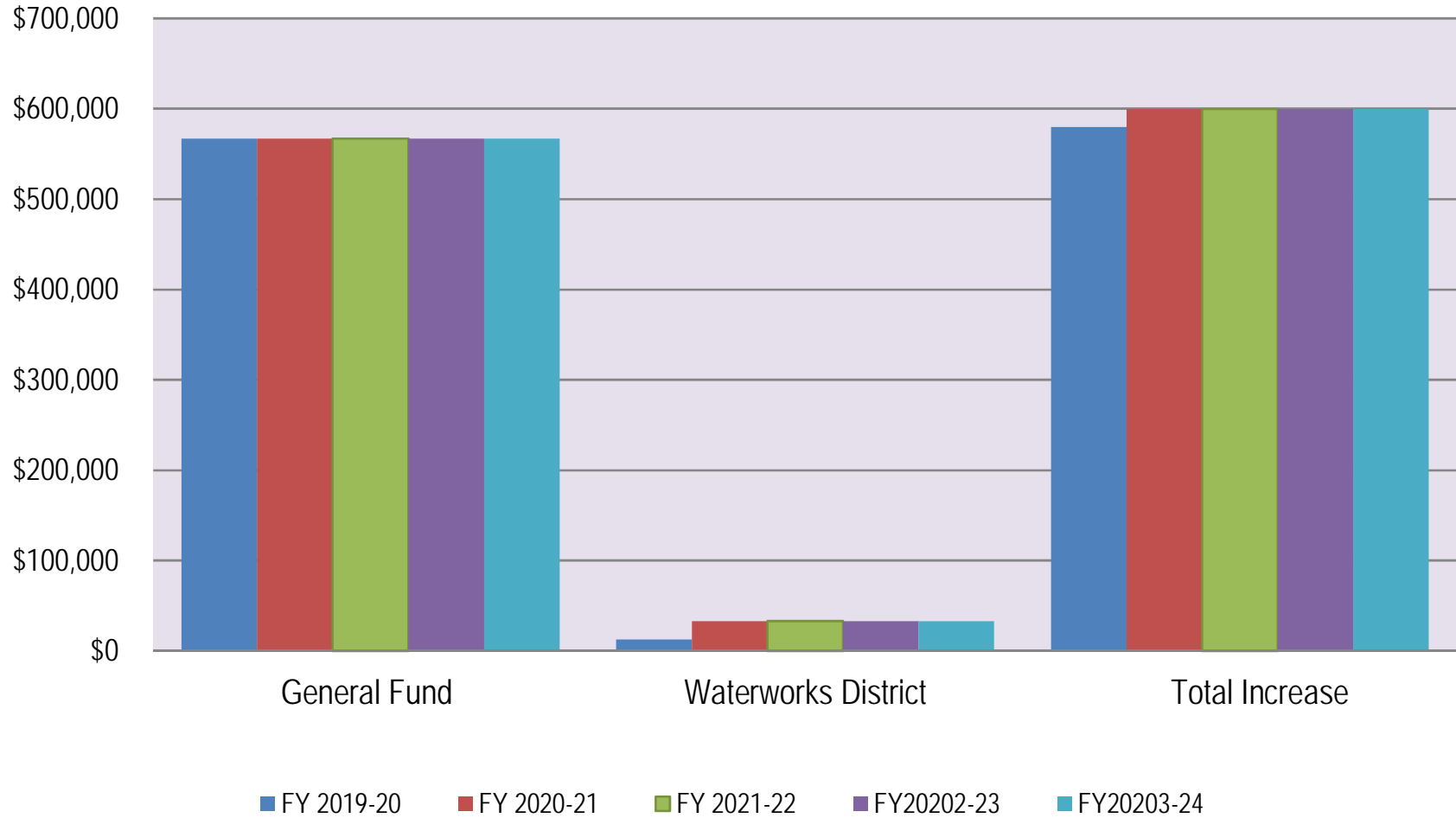
**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEARS 2019-20 TO 2023-24
PROJECTED CUMULATIVE OPERATING INCREASES BY FUND AND PROJECT**

It is important when planning for new capital projects that any related increases in ongoing operational costs are considered. The table below shows operating cost increases associated with capital projects planned for Fiscal Years 2019-20 through 2023-24. Increases are based on contractual agreements in place and actual maintenance costs. Increases are noted for the General Fund for operation of new and expanded facilities and to support an investment in information technology improvements. Operating costs for technology projects are offset by reduction in maintenance contracts for current systems. Costs beyond FY 2023-24 are expected to increase based on inflationary factors.

Fund/Project	Fiscal Year				
	2019-20	2020-21	2021-22	2022-23	2023-24
General Fund					
City Telephone System Replacement	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Financial Information System Replacement	256,900	256,900	256,900	256,900	256,900
Police Training Facility	10,000	10,000	10,000	10,000	10,000
Total General Fund	\$ 566,900	\$ 566,900	\$ 566,900	\$ 566,900	\$ 566,900
Waterworks Operating Fund					
Knolls Zone Water Facilities	-	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Oak Knolls Pump Station Upgrade	6,500	6,500	6,500	6,500	6,500
Walnut Avenue Pump Station	-	10,000	10,000	10,000	10,000
Water Storage Mixing Systems	6,500	6,500	6,500	6,500	6,500
Total Waterworks Fund	\$ 13,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000
CITYWIDE TOTAL	\$ 579,900	\$ 599,900	\$ 599,900	\$ 599,900	\$ 599,900

PROJECTED INCREASE IN OPERATING EXPENSES RELATED TO CAPITAL PROJECTS



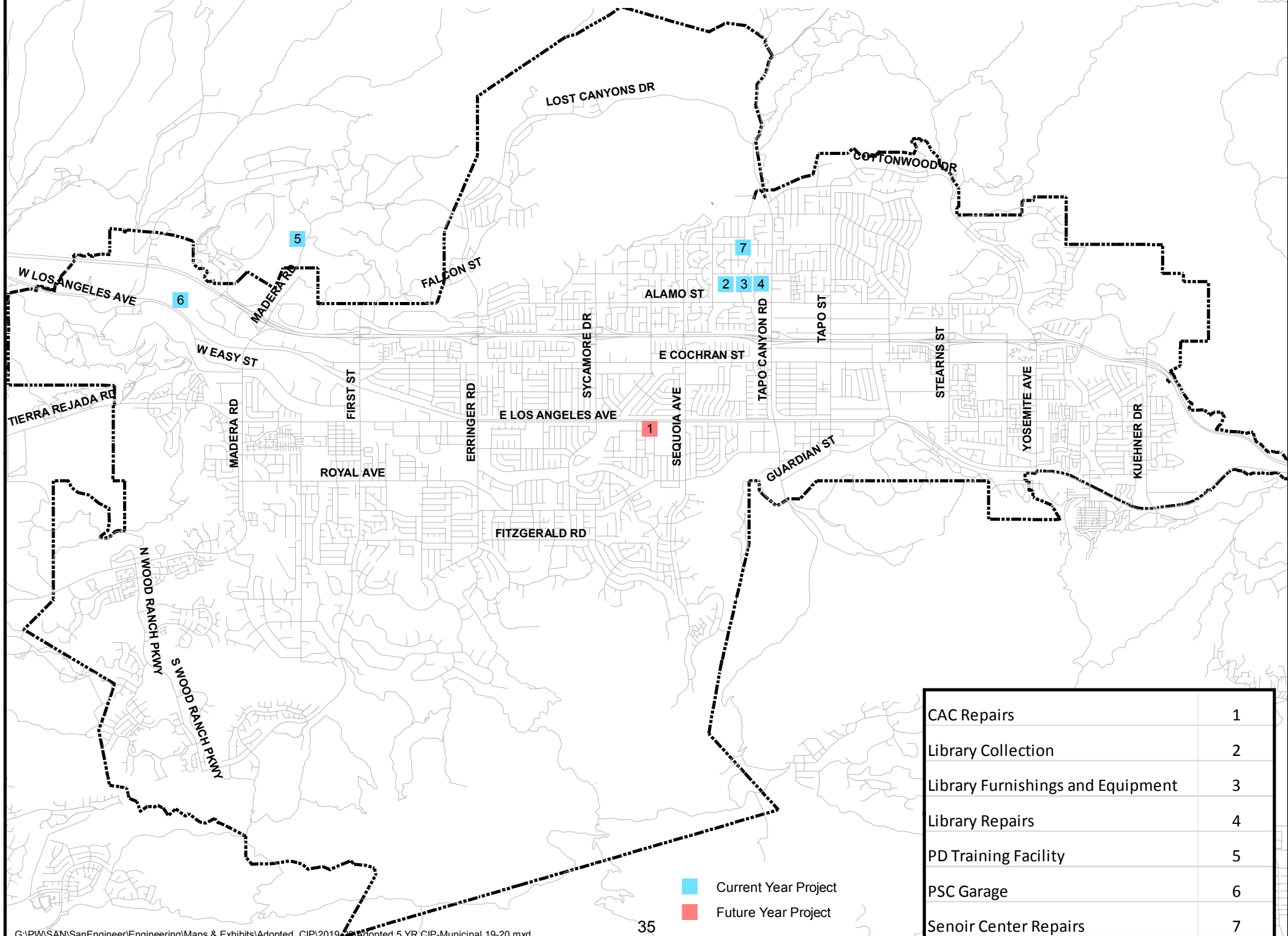
MUNICIPAL BUILDINGS & GROUNDS

The City is making a concerted effort to reinvest in the maintenance and upkeep of its facilities. The Buildings and Grounds category contains projects for expansion, major renovation, and new construction of City-owned structures and equipment. Also included are capital projects for land development and site improvements. These projects are financed from a variety of sources including the Library Fund, Building Improvement Fund, Developer Agreements, Contributions, Waterworks Fund, Sanitation Fund, and Government (PEG) funds. The PEG fund balance is derived from 1% gross receipts from cable operations in Simi Valley and is restricted to capital expenditures for the City's PEG channel.

This category contains 7 projects at a projected 5-year cost of \$5,034,000. Projects funded in FY 2019-20 in the amount of \$583,000 include: library materials collection; replacement of furniture and equipment in the library; library repairs and upgrade; installation, repairs, and courtyard design at the Senior Center; maintenance to the Police Training Facility; and PSC garage roof repair.

Project budgets are developed in-house based on square feet of buildings, size of landscaped areas, and vendor quotes.

MUNICIPAL BUILDINGS & GROUNDS PROJECTS



CAC Repairs	1
Library Collection	2
Library Furnishings and Equipment	3
Library Repairs	4
PD Training Facility	5
PSC Garage	6
Senoir Center Repairs	7

■ Current Year Project
■ Future Year Project

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Cultural Arts Center Repairs			Operating Cost:			
Project No:	CP65500001			First Year: \$0			
Lead Department:	Community			Subsequent Year: \$0			
Project Manager:	David Yoshitomi/Anna Medina			Source of Funds: Building Improv. Fund			
<p>Project Description: This project would replace the stage right steps and concession bar, and install an ALD system to be ADA compliant; install an additional storage structure to reduce costs for replacing sets and props that are disposed of after each show due to lack of storage; install a back-up generator; motorize the chandeliers to allow easier replacement of light bulbs (Completed in FY2018/19); replace monument sign with an LED sign (Completed in FY2017/18); restore the rose garden to replace failed plants and improve water efficiency; upgrade overall landscaping to reduce water use; rekey the building (Completed in FY2018/19); replace Multipurpose Room floor (Completed in FY2018/19); complete interior and exterior painting; upgrade balcony seating (Completed in FY2019/19); upgrade downstage electrical; replace the worn out carpet throughout the building (Completed in FY2018/19); update the technical booth layout to meet the space and surface area needs for current equipment; upgrade electrical equipment to meet the needs of installed LED lighting; and address any miscellaneous improvements to maintain the historical landmark.</p>							
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Repairs/Upgrades	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	\$ -	\$ 390,000	
Total	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	\$ -	\$ 390,000	
SOURCES OF FUNDING:							
Bldg. Improv. Fund	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	\$ -	\$ 390,000	
Total	\$ -	\$ 330,000	\$ 20,000	\$ 40,000	\$ -	\$ 390,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Library Collections			Operating Cost:		
Project No:	CP25000002			First Year: \$0		
Lead Department:	Community			Subsequent Year: \$0		
Project Manager:	Ron Fuchiwaki			Source of Funds: Library Fund		
<hr/>						
Project Description: This is the library materials collection which includes books, audio/video items, periodicals, and other material determined to be purchased as part of the collection. This library materials budget will continue past FY 2023-24 and fluctuate yearly based upon library need.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Library Collection	\$ 225,000	\$ 225,000	\$ 225,000	\$ 228,000	\$ 228,000	\$ 1,131,000
Total	\$ 225,000	\$ 225,000	\$ 225,000	\$ 228,000	\$ 228,000	\$ 1,131,000
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SOURCES OF FUNDING:						
Library Fund	\$ 225,000	\$ 225,000	\$ 225,000	\$ 228,000	\$ 228,000	\$ 1,131,000
Total	\$ 225,000	\$ 225,000	\$ 225,000	\$ 228,000	\$ 228,000	\$ 1,131,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Library Furnishings and Equip			Operating Cost:			
Project No:	CP25000003			First Year: \$0			
Lead Department:	Community			Subsequent Year: \$0			
Project Manager:	Ron Fuchiwaki			Source of Funds: Library Fund			
<hr/>							
Project Description: Replacement of furniture and equipment at the public library including the teen, children's, adult, and conference room areas as well as the exterior furnishings. This is a project on-going into future years, based on need.							
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EXPENDITURE PLAN:		FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Furnishings & Equipment	\$	5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 110,000
Total	\$	5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 110,000
SOURCES OF FUNDING:							
Library Fund	\$	5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 110,000
Total	\$	5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 110,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24**

Project Title:	Police Training Facility	Operating Cost:
Project No:	CPB0016	First Year: \$10,000
Lead Department:	City Manager	Subsequent Year: \$10,000
Project Manager:	Brian Gabler	Source of Funds: Developer Agreements, Contributions and Forfeited Assets

Project Description: Design, engineering, and construction of a facility to include a practice range and other Police training equipment. Contributions received from Waste Management MOU #20.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	25,000	-	-	-	-	25,000
Total	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

SOURCES OF FUNDING:						
Contributions*	75,000	75,000	75,000	75,000	75,000	375,000
Total	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000

* Future annual contributions of \$75,000 will be transferred to the Development Agreement Fund until the advance is repaid.

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	PSC Garage and Office Facility	Operating Cost:	
Project No:	CP65500010	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Chris Oberender	Source of Funds:	Developer Agreements, Waterworks Fund, Sanitation Fund

Project Description: The Department of Public Works is requesting funding to contract outside services to repair the failing roof systems at the PSC Garage and nearby Office facility. The Building Maintenance Section requires these resources to accomplish a necessary repair to the failing Glu-Lam structures on both the garage and Office Roof Systems at those locations. These structural elements have exceeded their design life and are in need of immediate repair. Funds are necessary at this time to save deteriorating infrastructure before it reaches a critical hazardous service level and requires much more costly emergency remediation.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Total	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000

SOURCES OF FUNDING:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Developer Agreements	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000
Waterworks	5,000	-	-	-	-	5,000
Sanitation	5,000	-	-	-	-	5,000
Total	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Repairs & Upgrades to the Library			Operating Cost:		
Project No:	CP25000001			First Year: \$0		
Lead Department:	Community			Subsequent Year: \$0		
Project Manager:	Ron Fuchiwaki			Source of Funds: Library Fund		
<hr/>						
Project Description: This project will cover a variety of library repair and upgrade initiatives including relocation of the Friends of the Library bookstore and donation space, exterior lighting improvements, book stack end panels, ADA improvements, interior electrical and lighting improvements, window replacements, carpeting, landscaping of patio areas, and various building renovations and improvements. This project is on-going based on need.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Repairs / Upgrades	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000
Total	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000
SOURCES OF FUNDING:						
Library Fund	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000
Total	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Sr. Center Repairs & Upgrades			Operating Cost:		
Project No:	CP65500002			First Year: \$0		
Lead Department:	Community Services			Subsequent Year: \$0		
Project Manager:	Angel Sierra			Source of Funds: Bldg. Improvement Fund		
<hr/>						
Project Description: To design and construct patio courtyard, replace carpeting, paint and repair the interior walls of the building, replace furniture upholstery in rotunda, install safety railing to walkway near the Southeast exit, renovate the north bathrooms to improve plumbing and accommodate patron needs, replace facility furniture, purchase and installation of emergency back-up generator. This project is on-giong into future years.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Repairs / Upgrades	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000
Total	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000
SOURCES OF FUNDING:						
Development Agreements	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000
Total	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000

The following projects are on-going, but are not requesting any new funding in the next five fiscal years.

Project Title:	Children's Garden Project	Operating Cost:
Project No:	CP25000005	First Year: \$0
Lead Department:	Community Services	Subsequent Year: \$0
Project Manager:	Ron	Source of Funds: Grant Funding

Project Description: Children's Garden Project - Landscape and garden design, removal of existing material, and installation of new water saving irrigation systems, native plant material and educational material. Project funding received in FY2017/18 and FY2018/19.

Project Title:	City Facility Lighting	Operating Cost:
Project No:	CP655000012	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Bond Proceeds

Project Description: Replace existing lights in City facilities with LED technology.

Project Title:	City Facility Security Upgrades	Operating Cost:
Project No:	CP65500004	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Building Improvement

Project Description: The project will provide security enhancements at several City facilities, including City Hall, the Police Department, Senior Center, and Sanitation and Water plants. The upgrades will include video security and employee keycard entry, among other things.

Project Title:	City Hall PEG Facility Improv.	Operating Cost:
Project No:	CP21400003	First Year: \$0
Lead Department:	Community Services	Subsequent Year: \$0
Project Manager:	Gary Boswell/Anna Medina	Source of Funds: PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. The City Hall Council Chamber and Community Room are used for Board and Commission meetings, PEG funds provide resources for technology to broadcast public meetings. The goal of this project is to modernize the audio visual and broadcast equipment in the Council chamber and ancillary rooms at the Senior Center, Cultural Arts Center, and EOC. The Council Chamber is in need of improvements to electricity, air conditioning, carpeting, interior wall modifications, etc. These items impact the reliability and quality of the broadcasts. The integration of the ancillary rooms will increase the capacity of the Council Chambers for high-interest public meetings and provide enhanced communication with the public. This is a consolidation of Projects CP21400003, CP21400005, and CP21400007.

Project Title:	City Hall Renovations	Operating Cost:
Project No:	CP65500003	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Developer Agreements, General Fund, Waterworks Fund, Sanitation Fund

Project Description: Renovations to City Hall are forecast, including the replacement of carpeting (more than 20 years old), painting maintenance, Police Department entrance improvements, and security enhancements.

Project Title:	HVAC Replacement	Operating Cost:
Project No:	CP655000011	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Bond Proceeds

Project Description: HVAC replacement for the Police Department and Senior Center.

Project Title:	LED Streetlights	Operating Cost:
Project No:	CP66700001	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Economic Development, Bond Proceeds

Project Description: Acquisition of City streetlights from SCE and retrofitting to Light Emitting Diode (LED) technology.

SANITATION

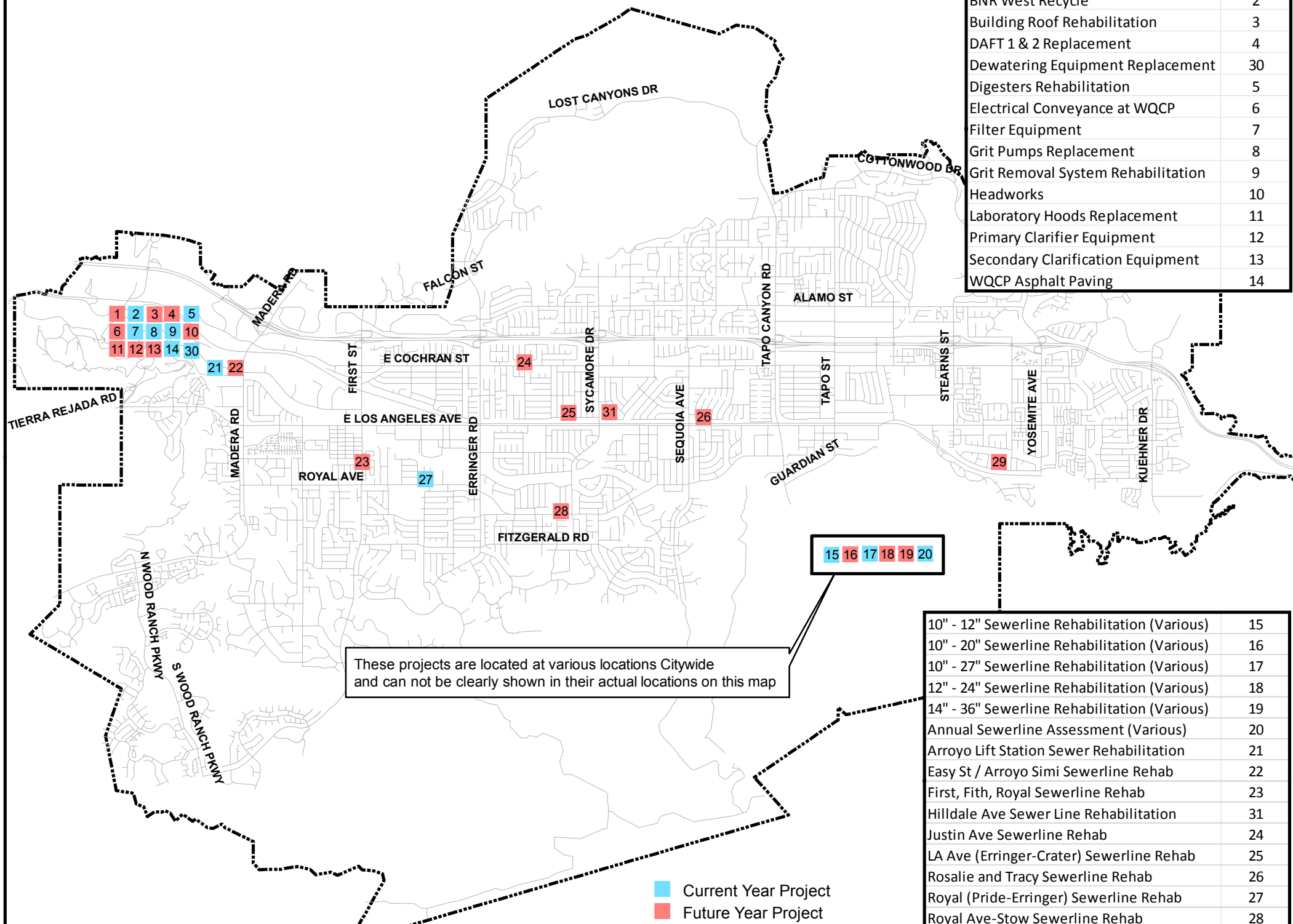
Sanitation projects include facilities maintenance, rehabilitation, and replacement projects, capital projects, improvement of the sewer collection and conveyance system, and the wastewater treatment facilities (the Water Quality Control Plant, WQCP). Facilities replacement projects are financed from operating revenues. Capital projects are funded from capital improvement charges generated by new development in the City or, if those funds are insufficient, from operating revenues.

This category includes 31 projects (16 sewer projects and 15 WQCP projects, all maintenance and/or rehabilitation) at a 5-year projected cost of \$56,315,000 and a funded FY2019-20 budget of \$9,310,000, which are financed from the Replacement Fund. The proposed projects are generally the highest priorities identified in the respective asset management plans such as the Sewer Collection System Asset Evaluation and Rehabilitation Plan for sewer projects, and the Sanitation Asset Reliability Assessment and Financial Plan for the WQCP projects. These planned projects are further scrutinized to verify their current condition and determine best means to maintain the facility.

As major elements of the WQCP become ready for replacement or rehabilitation, the ultimate cost to build, operate, maintain, and the presumed lifespan of the rehabilitation work, is assessed to determine the most cost-effective solution. This proposed CIP includes replacement or overhauling of major WQCP components.

SANITATION PROJECTS

BNR Blowers	1
BNR West Recycle	2
Building Roof Rehabilitation	3
DAFT 1 & 2 Replacement	4
Dewatering Equipment Replacement	30
Digesters Rehabilitation	5
Electrical Conveyance at WQCP	6
Filter Equipment	7
Grit Pumps Replacement	8
Grit Removal System Rehabilitation	9
Headworks	10
Laboratory Hoods Replacement	11
Primary Clarifier Equipment	12
Secondary Clarification Equipment	13
WQCP Asphalt Paving	14



These projects are located at various locations Citywide and can not be clearly shown in their actual locations on this map

15 16 17 18 19 20

10" - 12" Sewerline Rehabilitation (Various)	15
10" - 20" Sewerline Rehabilitation (Various)	16
10" - 27" Sewerline Rehabilitation (Various)	17
12" - 24" Sewerline Rehabilitation (Various)	18
14" - 36" Sewerline Rehabilitation (Various)	19
Annual Sewerline Assessment (Various)	20
Arroyo Lift Station Sewer Rehabilitation	21
Easy St / Arroyo Simi Sewerline Rehab	22
First, Fith, Royal Sewerline Rehab	23
Hilldale Ave Sewer Line Rehabilitation	31
Justin Ave Sewerline Rehab	24
LA Ave (Erringer-Crater) Sewerline Rehab	25
Rosalie and Tracy Sewerline Rehab	26
Royal (Pride-Erringer) Sewerline Rehab	27
Royal Ave-Stow Sewerline Rehab	28
Stow / LA Ave. Sewer Trunk Rehab	29

■ Current Year Project
■ Future Year Project

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	10"-12" Sewerline Rehabilitation	Operating Cost:	
Project No:	CP970381	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 2,500 feet of 10 to 12-inch asbestos cement pipe sewer trunk line on Galena Avenue, Sorrel Street, Vera Court, Dalhart Avenue, and Tapo Canyon Road, one segment near Avenida Simi and another segment near Cochran Street. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed for completion by June 2019 and construction is proposed to be completed by January 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 870,000	\$ -	\$ -	\$ -	\$ -	\$ 870,000
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Total	\$ 970,000	\$ -	\$ -	\$ -	\$ -	\$ 970,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 970,000	\$ -	\$ -	\$ -	\$ -	\$ 970,000
Total	\$ 970,000	\$ -	\$ -	\$ -	\$ -	\$ 970,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	10"-20" Sewerline Rehabilitation	Operating Cost:	
Project No:	CP70200001	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 7,700 feet of 10 to 20-inch asbestos cement sewer trunk line in Elizondo Avenue, Erringer Road, Heywood Street, Royal Avenue, and Ysrella Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by May 2021 and construction is proposed be completed by October 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Consultant Services	-	-	1,950,000	-	-	1,950,000
Total	\$ -	\$ 50,000	\$ 1,950,000	\$ -	\$ -	\$ 2,000,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 50,000	\$ 1,950,000	\$ -	\$ -	\$ 2,000,000
Total	\$ -	\$ 50,000	\$ 1,950,000	\$ -	\$ -	\$ 2,000,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	10"-27" Sewerline Rehabilitation	Operating Cost:	
Project No:	CP70200002	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 3,600 feet of 10 to 27-inch asbestos cement sewer trunk line in First Street between Dennis Avenue and Royal Avenue, in an easement north of Strathearn Place, on Buyers Street, on East Los Angeles Avenue between Tapo Street and Ralston Avenue, on Marlin Drive, on Tapo Street, on Fourth Street, on Bryson Avenue, in an easement south of Warfield Circle, on Suntree Lane, and in an easement north of Ysrella Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by May 2019 and construction is proposed to be completed by January 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000
Consultant Services	50,000	-	-	-	-	50,000
Total	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,050,000

SOURCES OF FUNDING:

Sanitation Replacement Reserve	\$ 50,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,050,000
Total	\$ 50,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,050,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	12"-24" Sewerline Rehabilitation	Operating Cost:	
Project No:	CP70200003	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 2,503 feet of 12 to 24-inch asbestos cement sewer trunk line in East Los Angeles Avenue and easements running between Tracy Avenue to Bolivar Court and easement under Railroad to Los Angeles Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in March 2022 and construction is proposed to be completed in February 2023.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
Consultant Services	-	-	50,000	-	-	50,000
Total	\$ -	\$ -	\$ 50,000	\$ 1,200,000	\$ -	\$ 1,250,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 50,000	\$ 1,200,000	\$ -	\$ 1,250,000
Total	\$ -	\$ -	\$ 50,000	\$ 1,200,000	\$ -	\$ 1,250,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	14"-36" Sewerline Rehabilitation	Operating Cost:	
Project No:	CP70200004	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 2,985 feet of 14 to 36-inch asbestos cement sewer trunk line in Patricia Avenue, Heywood Street, Sycamore Drive, East Easy Street. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in May 2021 and construction is proposed to be completed in January 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ 1,700,000
Consultant Services	-	50,000	-	-	-	50,000
Total	\$ -	\$ 50,000	\$ 1,700,000	\$ -	\$ -	\$ 1,750,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 50,000	\$ 1,700,000	\$ -	\$ -	\$ 1,750,000
Total	\$ -	\$ 50,000	\$ 1,700,000	\$ -	\$ -	\$ 1,750,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Annual Sewerline Inspection / Cleaning	Operating Cost:	
Project No:	CP970380	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to video-inspect and evaluate one-fifth of the City's larger sewer trunk lines each fiscal year. The approved Sanitation Asset Reliability Assessment and Financial Plan recommended inspecting and reviewing sewerlines every five years in order to evaluate replacement priorities. The original sewer system was installed in the early 1960s and has been in service for more than 50 years. While the majority of the camera inspection and evaluation work is proposed to be done with City staff, the larger sewer trunk lines require specialized equipment and skills that are more cost-effective to accomplish by contract.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Consultant Services	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Arroyo Lift Station Rehabilitation	Operating Cost:	
Project No:	CP70200006	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michelle Elorde	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the existing lift station pumps and controls installed in 1995. The pump station has an expected useful life of 15 years. This pump station serves 51 single family homes and 219 mobile homes, and is located near the Arroyo Simi approximately 2,000 feet west of Madera Road. This station must operate in order for these homes to use reliable sewer services. Design is proposed to be completed in November 2019 and construction is proposed to be completed in July 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000
Total	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000
Total	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	BNR Blowers Replacement and/or Overhaul	Operating Cost:	
Project No:	CP70200012	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace or overhaul the existing WQCP blowers for the West BNR and the East Basin BNR that have been in operation since 2004. Six multi-stage centrifugal blowers were installed in 2004 and two single-stage blowers were installed in 2008. Rebuilding the equipment is recommended by the Asset Management Plan to ensure system reliability because the equipment is essential to the treatment process and operates constantly. During the design process, staff will investigate whether it may be more cost effective to replace the multi-stage blowers with a more energy efficient technology. The single-stage blowers will be overhauled by the manufacturer per their recommendations. Design is proposed to be completed by August 2021 and construction is proposed to be completed by May 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000
Total	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000
Total	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2018-19 TO 2022-23**

Project Title:	BNR West Recycle Pumps Replacement	Operating Cost:	
Project No:	CP70200014	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the existing WQCP's BNR recycle pumps that were installed in 2004, and will have been in service for approximately 16 years. Each of the four pumps have been rebuilt at least once and will need replacement because of its extended use. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life of seven years with numerous rebuilds. Design is proposed to be completed by June 2019 and construction is proposed to be completed by March 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Total	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Total	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2019-209 TO 2023-24

Project Title:	Building Roof Rehabilitation	Operating Cost:	
Project No:	CP70200023	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to evaluate the roof structures and repair deficiencies for eight buildings at the WQCP Plant including: Administration, Westside Electric, Westside Aeration, Dewatering, Chlorine, Filter Control, Main Electrical, and Digester. The Headworks Building's roof structure was recently rehabilitated. These buildings have been in service from 20 to 40 plus years. A roof evaluation of both the structure and the roof material is necessary to identify areas to be repaired and to reduce the risk of catastrophic failure. The evaluation is expected to be completed in December 2021. Design will follow the evaluation and expected to be completed by July 2022 and construction proposed to be completed by February 2023.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Consultant Services	-	-	100,000	25,000	-	125,000
Total	\$ -	\$ -	\$ 100,000	\$ 1,025,000	\$ -	\$ 1,125,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 100,000	\$ 1,025,000	\$ -	\$ 1,125,000
Total	\$ -	\$ -	\$ 100,000	\$ 1,025,000	\$ -	\$ 1,125,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	DAFT 1 & 2 Replacement	Operating Cost:	
Project No:	CP70200024	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the WQCP's DAFT and associated equipment. DAFT #1 was installed in 1977 and DAFT #2 was installed in 1980. Replacement is required after 40 years operation. The Asset Management Plan recommends replacing this equipment and evaluating modern technology to improve the process. A preliminary design is proposed to be initiated in FY 2021-22 to explore alternative technologies and evaluate the cost effectiveness of the alternatives, with a design to follow. This concept-level construction cost estimate is \$1,500,000, however, this may be revised based upon the preliminary design recommendations.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 1,400,000	\$ -	\$ 1,400,000
Consultant Services	-	-	50,000	50,000	-	100,000
Total	\$ -	\$ -	\$ 50,000	\$ 1,450,000	\$ -	\$ 1,500,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 50,000	\$ 1,450,000	\$ -	\$ 1,500,000
Total	\$ -	\$ -	\$ 50,000	\$ 1,450,000	\$ -	\$ 1,500,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Dewatering Equipment Replacement	Operating Cost:	
Project No:	CP970480	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the WQCP's three existing belt filter presses and associated sludge conveyors. The equipment is 30 years old. The filter presses need a major overhaul to remain operational, the sludge conveyors are showing signs of metal fatigue, the metal roofing and walkway support structures need to be recoated, and the electrical system needs to be replaced. This renovation and upgrade project is expected to reduce labor and electricity demand. Preliminary design work started in FY 2015-16 and a report evaluating technology alternatives and cost effectiveness was completed in October 2016. It identified that ancillary processes such as the sludge delivery, filtrate return, and biosolids conveyance also needed to be upgraded to work with the new equipment, thereby increasing the total project cost. The design is substantially completed. As part of the preparation of the IGA for the ESCO project, construction bids were solicited and the construction cost is expected to be \$6,031,688.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	3,500,000
Consultant Services	100,000	-	-	-	-	100,000
Total	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	3,600,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	3,600,000
Total	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	3,600,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Digesters Rehabilitation Project	Operating Cost:	
Project No:	CP970481	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rebuild the WQCP's Anaerobic Digesters. Seismic upgrades, mechanical upgrades, and structural and piping rehabilitation were recommended in the Asset Management Plan. A preliminary design study, completed in 2016, identified that ancillary processes such as the sludge delivery, sludge heating, electrical controls, and boiler system also need to be upgraded. As part of the preparation of the IGA for the ESCO project, construction bids were solicited and the construction cost is expected to be \$4,168,029. However, the Headworks and Dewatering projects need to be completed prior to this project, since the processes are internally related. Construction is proposed to begin in early 2022 and expected to be completed by August 2024. Funds have been requested this fiscal year to be used to repair the badly corroded piping, prior to its replacement, as part of the the overall project construction.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 100,000	\$ -	\$ -	\$ 4,100,000	\$ -	\$ 4,200,000
Professional Services	-	-	-	50,000	-	50,000
Total	\$ 100,000	\$ -	\$ -	\$ 4,150,000	\$ -	\$ 4,250,000

SOURCES OF FUNDING:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Sanitation Replacement Reserve	\$ 100,000	\$ -	\$ -	\$ 4,150,000	\$ -	\$ 4,250,000
Total	\$ 100,000	\$ -	\$ -	\$ 4,150,000	\$ -	\$ 4,250,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Easy Street and Arroyo Simi Sewer Rehabilitation	Operating Cost:	
Project No:	CP70200019	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 1,400 feet of 12 to 20-inch asbestos cement sewer trunk line in Easy Street and in easements along the Arroyo Simi. The primary rehabilitation mode will be cured-in-place slip liner. Design is planned to be completed in December 2020 and construction is scheduled to be completed in November 2021.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 470,000	\$ -	\$ -	\$ 470,000
Professional Services	-	40,000	-	-	-	40,000
Total	\$ -	\$ 40,000	\$ 470,000	\$ -	\$ -	\$ 510,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 40,000	\$ 470,000	\$ -	\$ -	\$ 510,000
Total	\$ -	\$ 40,000	\$ 470,000	\$ -	\$ -	\$ 510,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-209 TO 2023-24

Project Title:	Electrical Conveyance Replacement	Operating Cost:	
Project No:	CP70200022	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the electrical power conveyance system at the WQCP. The electrical distribution system replacement project was recently completed in 2017. This project will replace the conduit, wires, and junction structures that connect the distribution centers to the actual field equipment such as: pump motors, lighting, and operating equipment. These wires and conduits have been in service for more than 40 years and must be replaced to ensure system reliability. The design is expected to be completed in May 2022 and construction is expected to be completed in June 2023.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 1,800,000	\$ -	\$ 1,800,000
Consultant Services	-	-	200,000	-	-	200,000
Total	\$ -	\$ -	\$ 200,000	\$ 1,800,000	\$ -	\$ 2,000,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 200,000	\$ 1,800,000	\$ -	\$ 2,000,000
Total	\$ -	\$ -	\$ 200,000	\$ 1,800,000	\$ -	\$ 2,000,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	Filter Equipment Replacement	Operating Cost:	
Project No:	CP70100002	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to renovate the tertiary filters that have been in service since 1978. All of the mechanical and instrumentation equipment including pumps, piping, air blowers, valves and actuators, backwash air blower systems, PLCs, will be replaced along with updating the associated SCADA programming. The piping, inlet and outlet valves, backwash water pumps, and backwash air blowers are original equipment and the under drain pumps and waste backwash pumps were replaced in 2002. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life. Design is proposed to be completed in April 2021 and construction is proposed to be completed in August 2022. Funding is requested in FY 2019-20 to replace the badly corroded piping. The Investment Grade Audit estimates construction to replace the piping to cost \$477,102.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 500,000	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,500,000
Professional Services	25,000	-	25,000	-	-	50,000
Total	\$ 525,000	\$ -	\$ 2,025,000	\$ -	\$ -	\$ 2,550,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 525,000	\$ -	\$ 2,025,000	\$ -	\$ -	\$ 2,550,000
Total	\$ 525,000	\$ -	\$ 2,025,000	\$ -	\$ -	\$ 2,550,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	First/Fifth/Royal/Ventura Sewerline	Operating Cost:	
Project No:	CP70200015	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 3,800 feet of 10 to 24-inch asbestos cement sewer trunk line in First Street between Athens Street and Royal Avenue, Fifth Street between Los Angeles Avenue and Pacific Avenue, Royal Avenue between First Street and Pride Street, and Ventura Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in March 2019 and construction is proposed to be completed in June 2021.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 4,760,000	\$ -	\$ -	\$ -	\$ 4,760,000
Professional Services	-	200,000	-	-	-	200,000
Total	\$ -	\$ 4,960,000	\$ -	\$ -	\$ -	\$ 4,960,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 4,960,000	\$ -	\$ -	\$ -	\$ 4,960,000
Total	\$ -	\$ 4,960,000	\$ -	\$ -	\$ -	\$ 4,960,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Grit Pumps Replacement	Operating Cost:	
Project No:	CP70200009	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the WQCP's four existing grit pumps, electrical controls, and piping. These are 30 years old and have served beyond its expected useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and improve electrical efficiency. The majority of the design will be completed by City staff, however, consulting services may be needed for electrical design. The design is expected to be completed in November 2018 and construction completed in August 2019.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Grit Pumps Replacement	\$ 300,000	\$ -	\$ -	\$ -	\$ -	300,000
Consultant Services	25,000	-	-	-	-	25,000
Total	\$ 325,000	\$ -	\$ -	\$ -	\$ -	325,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 325,000	\$ -	\$ -	\$ -	\$ -	325,000
Total	\$ 325,000	\$ -	\$ -	\$ -	\$ -	325,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Grit Removal System Rehabilitation			Operating Cost:		
Project No:	CP70100003			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Jay Lukiewski			Source of Funds:	Sanitation Replacement Reserve	
Project Description: This project proposes to replace and update the WQCP's Grit Removal System and associated equipment. This equipment is nearly 20 years old and requires frequent maintenance. The Asset Management Plan recommends repairing the structure and replacing this equipment and evaluating modern technology to improve the process. In addition, the Reel Auggie that is used to store the grit prior to disposal does not meet diesel regulations for smog and requires replacement at an estimated cost of \$200,000. The improved grit system will increase the solids removal and reduce odors significantly, and will eliminate the need for the Reel Auggie. The design is partially completed and construction is planned to be completed by January 2021. As part of the preparation of the Investment Grade Audit for the ESCO project, construction bids were solicited and the construction cost is expected to be \$870,796.						
EXPENDITURE PLAN:						
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000
Professional Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Total	\$ 150,000	\$ 750,000	\$ -	\$ -	\$ -	\$ 900,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 150,000	\$ 750,000	\$ -	\$ -	\$ -	\$ 900,000
Total	\$ 150,000	\$ 750,000	\$ -	\$ -	\$ -	\$ 900,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	Headworks Building Upgrade	Operating Cost:	
Project No:	CP970501	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to renovate the Headworks Building and replace the existing equipment. The equipment is 30 years old and requires frequent maintenance. The Asset Management Plan recommends ventilation system improvements to the building, bar screens, and washer/compactor replacements. A preliminary design study was completed in May 2017 and identified that upstream and downstream flow control structures needs to be constructed to improve energy efficiency, increase solids capture, reduce maintenance costs, and improve reliability. Design work started in January 2018 and construction is proposed to be completed by August 2020. As part of the preparation of the Investment Grade Audit for the ESCO project, construction bids were solicited and the cost is expected to be \$7,296,874. Design work started in January 2018 and construction is proposed to be completed by August 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 3,525,000	\$ -	\$ -	\$ -	\$ 3,525,000
Consultant Services	-	-	-	-	-	-
Total	\$ -	\$ 3,525,000	\$ -	\$ -	\$ -	\$ 3,525,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 3,525,000	\$ -	\$ -	\$ -	\$ 3,525,000
Total	\$ -	\$ 3,525,000	\$ -	\$ -	\$ -	\$ 3,525,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Hilldale Ave. Sewerline Rehab.	Operating Cost:	
Project No:	CP70200031	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 1,200 feet of 10 asbestos cement sewer pipe in Hilldale Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in March 2024 and construction is proposed to be completed in June 2024.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
Construction Services					\$ 5,000	\$ 5,000
Consultant Services					\$ 15,000	\$ 15,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 220,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 220,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 220,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Justin Avenue Sewerline Rehabilitation	Operating Cost:	
Project No:	CP70200016	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 3,000 feet of 10-inch asbestos cement sewer trunk line in Justin Avenue and in Birchfield Street. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in October 2021 and construction is proposed to be completed in June 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 430,000	\$ -	\$ -	\$ 430,000
Consultant Services	-	-	10,000	-	-	10,000
Professional Services	-	-	10,000	-	-	10,000
Total	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000
Total	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	LA Avenue (Erringer-Crater) Sewerline	Operating Cost:
Project No:	CP970503	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 5,700 feet of 33-inch asbestos cement sewer trunk line in Los Angeles Avenue between Erringer Road and Crater Street, and 500 feet of asbestos cement sewer trunk line in Patricia Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is expected to be completed by May 2020 and construction is proposed to be completed in three phases by May 2023.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 6,000,000
Professional Services	-	-	-	-	300,000	\$ 300,000
Total	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,300,000	\$ 6,300,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,300,000	\$ 6,300,000
Total	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,300,000	\$ 6,300,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Laboratory Hoods Replacement	Operating Cost:	
Project No:	CP70100004	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Connection Fees

Project Description: This project proposes to replace four fume hoods in the WQCP's Laboratory. The fume hoods have been in service for more than 30 years. Replacement is recommended because of the age and to provide a safe area for distillation while running a variety of Laboratory analyses. The replacement construction will be completed in FY 2020-21.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Total	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

SOURCES OF FUNDING:						
Sanitation Connection Fees	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Total	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	Primary Clarifier Rehabilitation	Operating Cost:	
Project No:	CP70200021	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rebuild/replace the mechanical systems for the three existing WQCP primary clarifiers and sludge pumps, which were installed in 1986 (32 years old). Rehabilitation is recommended to ensure system reliability. The sludge collector mechanisms, chains, and wear shoes were last replaced in 2008 and will again require replacement after being in service for 15 years. The primary sludge pumps are original, have been rebuilt several times, and need to be replaced after being in service for 32 years. Over the years, there have been structural failures and leaks that have been repaired and as part of this project, it is recommended that a structural evaluation be conducted to identify and mitigate problems before it leads to catastrophic failure. The design is anticipated to be completed in June 2022, and construction is anticipated to be completed in August 2023.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 1,300,000	\$ -	\$ 1,300,000
Professional Services	-	-	150,000	50,000	-	200,000
Total	\$ -	\$ -	\$ 150,000	\$ 1,350,000	\$ -	\$ 1,500,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 150,000	\$ 1,350,000	\$ -	\$ 1,500,000
Total	\$ -	\$ -	\$ 150,000	\$ 1,350,000	\$ -	\$ 1,500,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Rosalie Street and Tracy Avenue Sewerline	Operating Cost:
Project No:	CP70200017	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 3,000 feet of 10 to 20-inch asbestos cement sewer trunk line in Rosalie Street, Tracy Avenue and in easements south of Los Angeles Avenue, between Sequoia Avenue and Tapo Street. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by January 2022 and construction is proposed to be completed by August 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 610,000	\$ -	\$ -	\$ 610,000
Professional Services	-	-	40,000	-	-	40,000
Total	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ 650,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ 650,000
Total	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ 650,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Royal Avenue (Pride to Erringer) Sewer Rehabilitation	Operating Cost:	
Project No:	CP70200010	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 4,200 feet of 24-inch asbestos cement sewer trunk line in Royal Avenue between Pride Street and Erringer Road. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by May 2020 and construction is proposed to be completed by June 2021.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 2,790,000	\$ -	\$ -	\$ -	\$ -	2,790,000
Consultant Services	200,000	-	-	-	-	200,000
Total	\$ 2,990,000	\$ -	\$ -	\$ -	\$ -	2,990,000

SOURCES OF FUNDING:

Sanitation Replacement Reserve	\$ 2,990,000	\$ -	\$ -	\$ -	\$ -	2,990,000
Total	\$ 2,990,000	\$ -	\$ -	\$ -	\$ -	2,990,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Royal Avenue, Stow Sewerline	Operating Cost:	
Project No:	CP70200018	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 2,200 feet of 10 to 20-inch asbestos cement sewer trunk line in Royal Avenue, Stow Street, Katherine Road, Los Angeles Avenue, and Dalhart Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by January 2022 and construction is proposed to be completed by August 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 520,000	\$ -	\$ -	\$ 520,000
Professional Services	-	-	30,000	-	-	30,000
Total	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000
Total	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Secondary Clarifier/RAS Pump Replacement	Operating Cost:	
Project No:	CP970502	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rebuild/replace the mechanical systems for the four existing WQCP secondary clarifiers, which range from 30 to 45 years old. Replacement is recommended by the Asset Management Plan to ensure system reliability. The sludge collector mechanisms and fiberglass weirs will be replaced, metal structures will be recoated, and the collector drive components will be rebuilt. The RAS pump system also needs to be redesigned to improve sludge removal and distribution to the BNR process. This project may span up to four years with an estimated cost of \$3,000,000. A preliminary design study was completed in March 2018 to explore alternative collector arrangements and RAS pumping options. As part of the preparation of the Investment Grade Audit for the ESCO project, construction bids were solicited and the construction cost is expected to be \$6,342,187.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 3,200,000	\$ 3,200,000	\$ -	\$ -	\$ 6,400,000
Consultant Services	-	-	-	-	-	-
Total	\$ -	\$ 3,200,000	\$ 3,200,000	\$ -	\$ -	\$ 6,400,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 3,200,000	\$ 3,200,000	\$ -	\$ -	\$ 6,400,000
Total	\$ -	\$ 3,200,000	\$ 3,200,000	\$ -	\$ -	\$ 6,400,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Stow / LA Ave Sewer Trunk Rehab.	Operating Cost:	
Project No:	CP70200028	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 4,900 feet of 16 to 18-inch asbestos cement sewer trunk line along easements of the Arroyo Simi bike path and easements through a mobile home park and the Metrolink parking lot, between Stow Street and E. Los Angeles Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is scheduled to be completed in January 2024 and construction is expected to be completed by September 2024.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 2,140,000	\$ -	\$ 2,140,000
Construction Services	-	-	-	50,000	-	50,000
Consultant Services	-	-	-	50,000	-	50,000
Total	\$ -	\$ -	\$ -	\$ 2,240,000	\$ -	\$ 2,240,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 2,240,000	\$ -	\$ 2,240,000
Total	\$ -	\$ -	\$ -	\$ 2,240,000	\$ -	\$ 2,240,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24

Project Title:	WQCP Road Paving	Operating Cost:	
Project No:	CP975241	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michelle Elorde	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to reconstruct roads within the WQCP that have been in service for more than 30 years. Reconstruction is recommended because the roadways base structures have failed. The project is proposed to be constructed in five phases. The first phase completed in FY 2016-17, included Collections Way and the parking lot south of the administration building. The second phase, constructed in FY 2017-18, paved Dewatering Way from the entrance to the biosolids loading area. The next three phases starting in FY 2018-19, will pave Main Street and Clarifier Way.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 300,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 300,000

The following projects are on-going, but are not requesting any new funding in the next five fiscal years.



Project Title:	BNR Mixer Replacement	Operating Cost:
Project No:	CP70200007	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to replace the existing WQCP's West Basin BNR mixers, the East Basin BNR mixers, and correct a solids accumulation problem at the end of each BNR tank that negatively impacts treatment performance. The West Basin mixers were installed in 2004 and the East Basin mixers were installed in 2008. Each of the 21 mixers has been rebuilt at least twice and will need replacement because of its extended use. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life of seven years with numerous rebuilds. During the design, staff will investigate and evaluate options to correct the solids accumulation problem and ensure a reliable mixing system. This concept-level construction cost estimate is \$600,000, however, this may be revised based upon the preliminary design recommendations.



Project Title:	BNR PLC AND SCADA Upgrades	Operating Cost:
Project No:	CP70200013	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to upgrade and reprogram the two PLC's that control the BNR process at the WQCP. Both PLC's are integral to the treatment process and require upgrading to meet the current industry standard. The PLC that controls the West Basins was installed in 2003 and the PLC that controls the East Basins was installed in 2005. Upgrading the PLC's will ensure process reliability and increase process control, which will lead to improved operator efficiency and electrical cost reduction. In addition, the SCADA system will need to be modified to incorporate the changes to the PLC's, which will also improve the ability for the operators to monitor and analyze the treatment process. Design is proposed for completion by March 2019 and implementation is proposed to be completed by December 2019.



Project Title:	FEB and Primary Sludge Pump Replacement	Operating Cost:
Project No:	CP70100001	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to replace three existing WQCP FEB pumps and two existing primary sludge pumps. All five pumps were installed in 1987 and are inefficient, expensive to maintain, and have served their useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and increase electrical efficiency. Design is proposed to be completed by May 2019 and installations are proposed to be completed by February 2020.

Project Title:	Royal Avenue (Crosby-Fair) Sewerline Rehabilitation	Operating Cost:
Project No:	CP970442	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Jay Lukiewski	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 3,240 feet of 20-inch asbestos cement sewer trunk line in Royal Avenue between Crosby Avenue and Fair Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by March 2018 and construction is proposed to be completed by February 2019.

Project Title:	Strathearn Place - Arroyo Simi Sewerline	Operating Cost:
Project No:	CP70200011	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michelle Elorde	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 5,500 feet of 27 to 33-inch asbestos cement sewer trunk line in Strathearn Place and easements north of Strathearn Place and along the Arroyo Simi flood channel. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by June 2018 and construction is proposed to be completed by July 2019.



Project Title:	Plant Water System Pump Replacement	Operating Cost:
Project No:	CP970505	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to replace six existing recycled water pumps within the WQCP. Three pumps were installed in 1973 and three more were installed in 1985. All of the pumps require frequent maintenance and do not operate efficiently. The project would replace the pumps with better sized and more energy efficient pumps. A preliminary design was completed in September 2016 to determine the size, location, and configuration of the replacement pumps. The recommended plan is to relocate the pump station next to the recycled water distribution system pump station (by Waterworks). Project design is expected to be completed in July 2019 and construction is expected to be completed by May 2020.



Project Title:	Public Works Warehouse	Operating Cost:
Project No:	CP975200	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michelle Elorde	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to build a Warehouse within the WQCP. Currently, twenty-six decentralized storage locations are used in areas throughout the WQCP. A centralized warehouse would provide a single receiving area, proper storage, inventory controls, and security. The current inadequate storage has led to material losses, multiple parts ordering, inventory damage, and inefficient inventory auditing. Due to the nature of replacement parts and the need to have them ready for continuous operation, some replacement parts must be stored for extended periods. A preliminary design study was completed to determine the need, funding equity, location, and configuration of a warehouse. The architectural design and construction plans were completed on September 2018. The estimated cost for construction is approximately \$2,000,000. The project is currently on hold due to insufficient funds to construct the project.



TECHNOLOGY

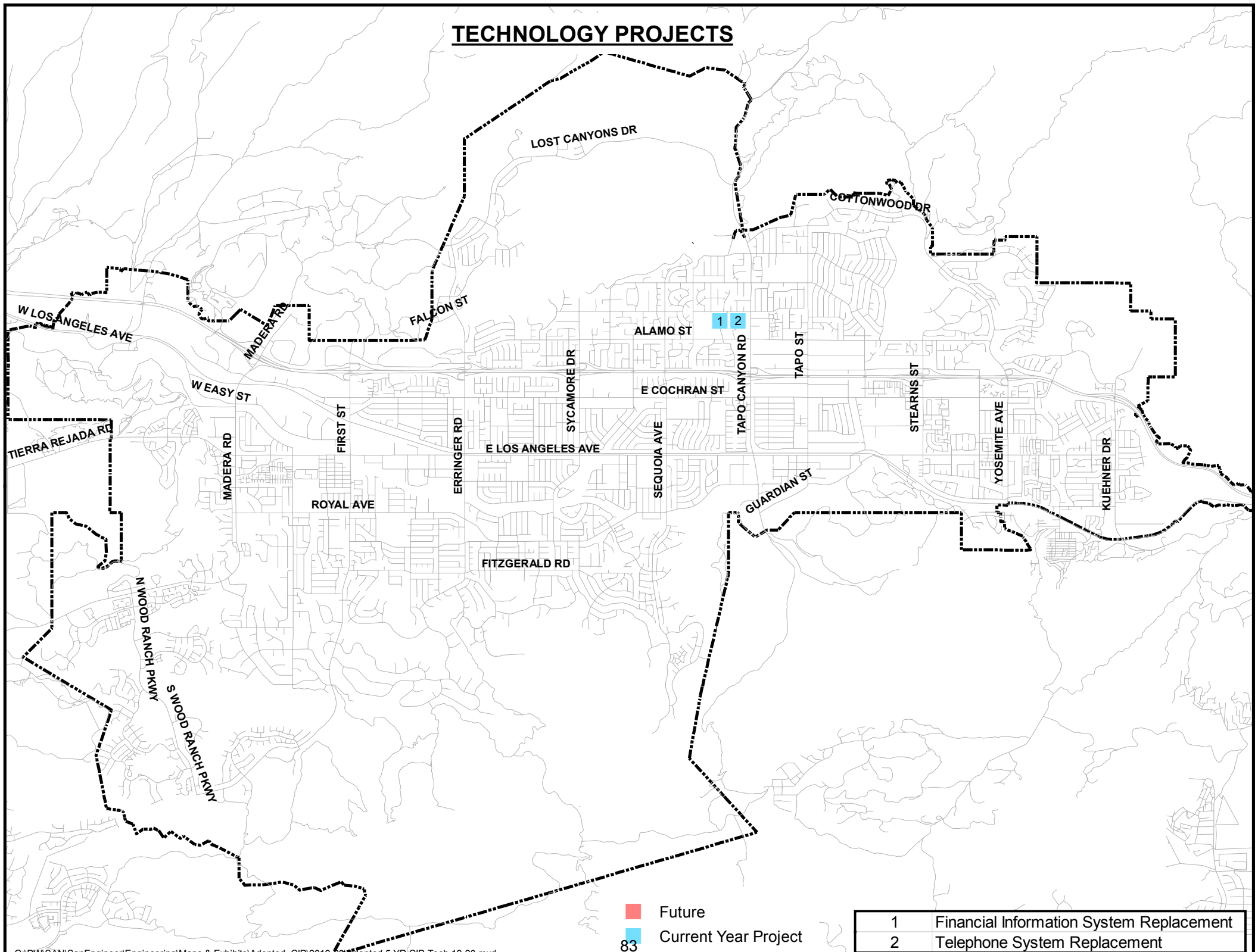
The Technology category contains projects to improve communications and information systems in the City. The projects are financed from special capital funds set up for this purpose.

This category contains two projects that are in progress and not currently requiring additional funding. One project is a phased implementation of the Citywide Enterprise Resource Plan (ERP), which includes replacement of the City's aging Financial Information System, land management system for Planning and Building and Safety, as well as other technology improvements citywide. Replacing the City's manual processes is of critical importance with the aging workforce and anticipated employee retirements and changeover in coming years. No funding is being requested at this time.

Project cost estimates were established in a consultant study that evaluated all of the City's technology systems, contained recommendations for the upgrading or replacement of certain systems, and contained expected prices to implement the new or improved systems.



TECHNOLOGY PROJECTS



■ Future
■ Current Year Project

1	Financial Information System Replacement
2	Telephone System Replacement

The following projects are on-going, but are not requesting any new funding in the next five fiscal years.



Project Title:	Financial Information System Replacement	Operating Cost:
Project No:	CPB0018	First Year: \$256,900
Lead Department:	Administrative Services	Subsequent Year: \$256,900
Project Manager:	Gary Boswell	Source of Funds: Interest, CERF, Devt

Project Description: In December 2015 the City entered into an agreement with Tyler Technologies for a new Enterprise Resource Planning system for governmental accounting, budgeting, human resource applications, permitting, planning and financial management. Implementation has commenced, however this is a large project with multiple phases with an anticipated completion date in FY2019/20.



Project Title:	City Telephone System Replacement	Operating Cost:
Project No:	CPB0022	First Year:
Lead Department:	Administrative Services	Subsequent Year: \$300,000
Project Manager:	Jerry Johnson / Brian Gabler	Source of Funds: Capital Lease, Devt. Agreements, Sanitation, Waterworks

Project Description: The City's former Nortel telephone system was installed in 1995. It was operating on the latest and final software release and would no longer be supported after June 1, 2018. Its voicemail system support ended in June 30, 2016. The City installed a new system in FY2018/19, which includes many additional features. The new system also utilizes a newer architecture of VoIP. This system architecture provides enhanced reliability, improved back-up capabilities, mobile communication features, web-based user interface, enhanced in-house support, unified network resources, and is less costly to support. The installation is complete and final invoicing is still in process.



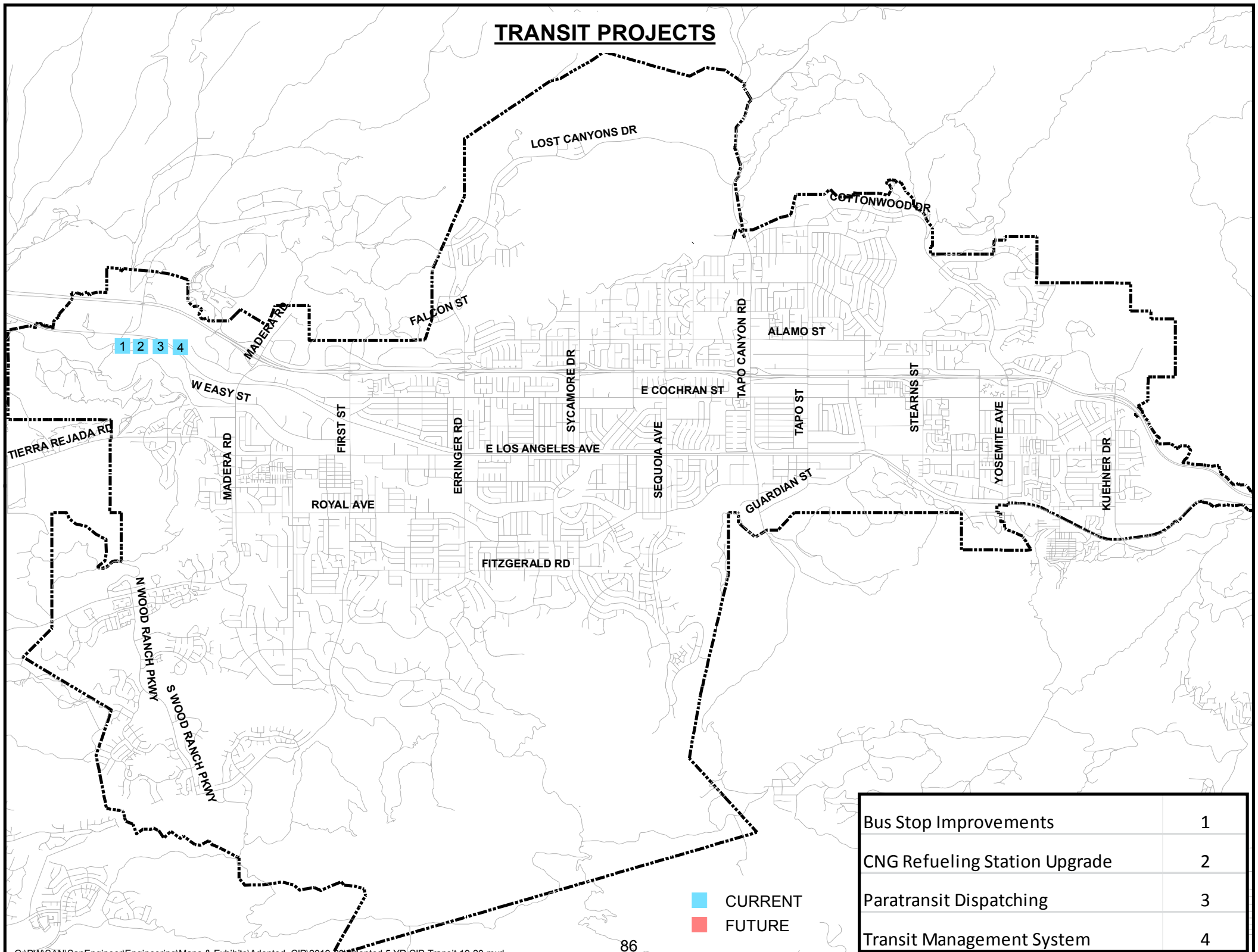
TRANSIT

This category contains projects which include bus stop improvements, Compressed Natural Gas fueling station upgrade, dispatching software license, and Transit Management System integration.

This category contains 4 projects at a 5-year projected cost of \$401,886. The FY2019-20 funding is \$241,886. The projects are funded through various State and Federal grants and revenue resources. There is no General Fund contribution for these projects.



TRANSIT PROJECTS



■ CURRENT
■ FUTURE

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24**

Project Title:	Bus Stop Improvements	Operating Cost:	
Project No:	CP75000006	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Mansour Moradi	Source of Funds:	State STA/SGR

Project Description: Bus stop improvements and additions, including shelters, signage, benches, lighting, and other amenities. This project is being funded through the SB1 SGR apportionment funds and State Transit Assistance Funds.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 43,786	\$ -	\$ -	\$ -	\$ -	\$ 43,786
Total	\$ 43,786	\$ -	\$ -	\$ -	\$ -	\$ 43,786

SOURCES OF FUNDING:						
State Transit Assistance	\$ 38,483	\$ -	\$ -	\$ -	\$ -	\$ 38,483
SGR	\$ 5,303	\$ -	\$ -	\$ -	\$ -	\$ 5,303
Total	\$ 43,786	\$ -	\$ -	\$ -	\$ -	\$ 43,786

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-209 TO 2023-24						
Project Title:	CNG Fueling Station Upgrade			Operating Cost:		
Project No:	CP960281			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Michael Kang			Source of Funds:	State Prop 1B/PTMISEA	
Project Description: SVT's CNG fueling station was built in 1998, to coincide with SVT's federally mandated alternative fuel path. When the upgrade project began, the fueling station was 12 years old and in need of technology upgrades in the areas of system operations, fuel storage, safety and security. The upgrade of the CNG fueling station includes: new primary and back-up PLC units to improve the efficiency of each unit; a SCADA system, which enables maintenance staff to remotely monitor the system via call-out modem; and a priority sequential panel that will regulate the flow of gas into either high pressure storage vessels or directly into each vehicle, with the capability to adjust during temperature fluctuations. Also included are 26 CNG gas dispensers, safety-related signage, fencing, painting, and two designated fast-fill fueling stalls equipped with a fuel monitoring system and six high-pressure fuel storage vessels.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 68,100	\$ -	\$ -	\$ -	\$ -	\$ 68,100
Total	\$ 68,100	\$ -	\$ -	\$ -	\$ -	\$ 68,100
SOURCES OF FUNDING:						
TDA Article 4	\$ 68,100	\$ -	\$ -	\$ -	\$ -	\$ 68,100
Total	\$ 68,100	\$ -	\$ -	\$ -	\$ -	\$ 68,100

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Paratransit Dispatch System			Operating Cost:		
Project No:	CP960380			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Robin Walker			Source of Funds: FTA 5307, TDA Article 4		
<hr/>						
Project Description: The paratransit system relies upon the use of a dispatching system that integrates with in-vehicle mobile data terminals and GPS to provide effective operations and management of the paratransit transportation system. The dispatching system requires the annual purchase of software licenses, which extends the useful life each year.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Application Software	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Total	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<hr/>						
SOURCES OF FUNDING:						
FTA 5307	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
TDA Article 4	10,000	-	-	-	-	10,000
Total	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2018-19 TO 2022-23						
Project Title:	Transit Management System			Operating Cost:		
Project No:	CP960471			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Ben Gonzales			Source of Funds: TDA / FTA 5307 / CMAQ		
Project Description: The Transit Division has been awarded Federal CMAQ FY2016/17 funds for a fully integrated TMS, which will provide additional tools to allow SVT to manage, analyze, and improve its system's performance. The TMS will enhance the ability to identify solutions to extend the life of revenue vehicles, increase cost savings, reduce its carbon footprint, increase access to public transportation, and grow ridership resulting in decreased vehicle trips within the community. The TMS modules include community outreach, vehicle maintenance, system analytics, paratransit/DAR dispatching, ridership statistics, real-time vehicle location and arrival/departure information, voice announcement, scheduling, and route configuration. The TMS will increase coordination between different modes of transportation services including fixed-route, demand response, rail, and bicycle, and strengthen SVT's management efficiencies. The improved access to information will strengthen vehicle safety and allow the system to effectively serve the community, while reducing stress among transit riders and drivers.						
EXPENDITURE PLAN:						
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Application Software	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ 240,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ 240,000
SOURCES OF FUNDING:						
TDA Article 4	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ 48,000
FTA 5307 - Transit Management	64,000	64,000	64,000	-	-	192,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ 320,000

The following projects are on-going, but are not requesting any new funding in the next five fiscal years.



Project Title:	Fare Box Upgrades	Operating Cost:
Project No:	CP960221	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: CMAQ FY2011/12

Project Description: The Transit Division initiated the replacement and upgrade of the fixed-route fare box system. The fare boxes enhance customer service, provide additional data reporting for Federal mandated reports, and provide a daily breakdown of passenger/revenue information. The fare boxes include a self-contained unit that enables passengers to purchase multi-ride tickets/passes onboard a SVT fixed-route bus. Using a computer data system, daily passenger/revenue information, which is used to generate reports and track revenue/ridership trends, can be downloaded at the end of each service day.



Project Title:	Fixed Route Bus Replacements	Operating Cost:
Project No:	CP960500	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: State Prop 1B/PTMISEA 3FRBus

Project Description: The FTA Rolling Stock Service Life Policy requires that FTA funded 40-foot Transit buses must remain in service for a minimum service life of at least 12 years, or an accumulation of at least 500,000 miles. Six New Flyer buses were purchased between 1998 and 2001 and were replaced in FY2014/15. Two NABI buses were purchased in 2005 with Federal funds and are scheduled to be replaced in FY2016/17. Each vehicle will have reached or exceeded the end of its useful service life of 12 years by the time of replacement. The remaining three New Flyers were purchased in 2011 and are anticipated to be eligible for replacement in FY2017/18 (1) and FY2019/20 (2) due to mileage. Otherwise, it will be eligible for replacement in FY2021/22 due to age. Each of the buses are 40 feet in length and powered by CNG. Replacement of the buses will ensure continued reliability of service while reducing maintenance costs. Additional State Prop 1B/PTMISEA is allocated for Simi Valley and will allow for the replacement of the two NABI buses in FY2016/17. Additional funding will need to be secured to replace the remaining two New Flyer buses.



Project Title:	Short Range Transit Plan	Operating Cost:	
Project No:	CP75000008	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Ben Gonzales	Source of Funds:	TDA - LTF

Project Description: The Short Range Transit Plan will include recommendations to improve and enhance Transit services, and upon concurrence and approval by the City Council, projects will be implemented.

Project Title:	Transit Maint. Fac. Expansion	Operating Cost:	
Project No:	CP960202	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Robin Walker	Source of Funds:	CMAQ FY2010/11

Project Description: The original Transit Maintenance Facility was built in 1989. To respond to significant growth and increased transit services to residents, the City Council authorized the expansion of the Transit Maintenance Facility. In FY2004/05, staff successfully secured \$1,235,000 in CMAQ funds to be used over a two-year period for the expansion of the Transit Maintenance Facility. In FY2006/07, the City Council authorized initial funding in the amount of \$100,000 for architectural design plans and an evaluation of expansion alternatives. The construction phase of the Transit Maintenance Facility Expansion project is complete.

Project Title:	Transit Maint. Facility Paving	Operating Cost:	
Project No:	CP960423	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Ben Gonzales	Source of Funds:	TDA - LTF

Project Description: The original Transit Maintenance Facility was built in 1989. To respond to significant growth and increased transit services to residents, the City Council authorized the expansion of the Transit Maintenance Facility. The Facility was expanded in 2009. The Facility grounds require regular improvements to ensure proper access to the facility and prevent disrepair and damage to federally funded vehicles.



Project Title:	TMF Surveillance System	Operating Cost:
Project No:	CP960422	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: Grants

Project Description: The Transit Division, along with the Information Services, Public Works Maintenance Divisions and the Police Department, is evaluating security needs for the design, construction, and installation of an integrated surveillance system encompassing the Transit Maintenance Facility. The system will enhance safety and security and assist in safeguarding federal and state funded assets.



Project Title:	Transp. Devel. Act Projects	Operating Cost:
Project No:	CP75000007	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: TDA - LTF

Project Description: The California State Legislature enacted the TDA (Public Utilities Code Section 99200 et seq.) in 1971 which created a LTF for each County in the State. As a result of California SB 716 and 203, LTF funds received by the City as of July 2014, are to be allocated solely for the operation of public transportation systems. TDA funds are used for budgeted operating expenditures and capital projects, including Transit Maintenance Facility maintenance and upgrades, fixed-route WiFi, video storage upgrades, vehicle replacements, and improvements to transit infrastructure, equipment and systems.



Project Title:	Voice Announcement System	Operating Cost:	
Project No:	CP960341	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Ben Gonzales	Source of Funds:	CMAQ FY2011/12

Project Description: The Transit Division has prior authorization to purchase a voice announcement system to be installed in SVT's fleet of fixed-route buses. This system provides ADA-compliant presentation of next stop audio and visual information to passengers and enhances the vehicle's existing PA system. The voice announcement system is automated through a GPS and provides automation of route message triggering, in both English and Spanish, with minimal driver interaction. As the vehicle travels its route and encounters an announcement location, as determined by GPS, the corresponding stop announcement is played over the PA system's speakers. Simultaneously, data is sent to an internal sign, which displays the corresponding visual message. External announcements, which meet the Federal ADA requirement for route identification, are used to announce the designated route and destination of the vehicle to curbside passengers preparing to board. This occurs each time the vehicle's door is opened. The system can also be programmed in English and Spanish, to announce special events, as well as any other personalized message the City deems appropriate.

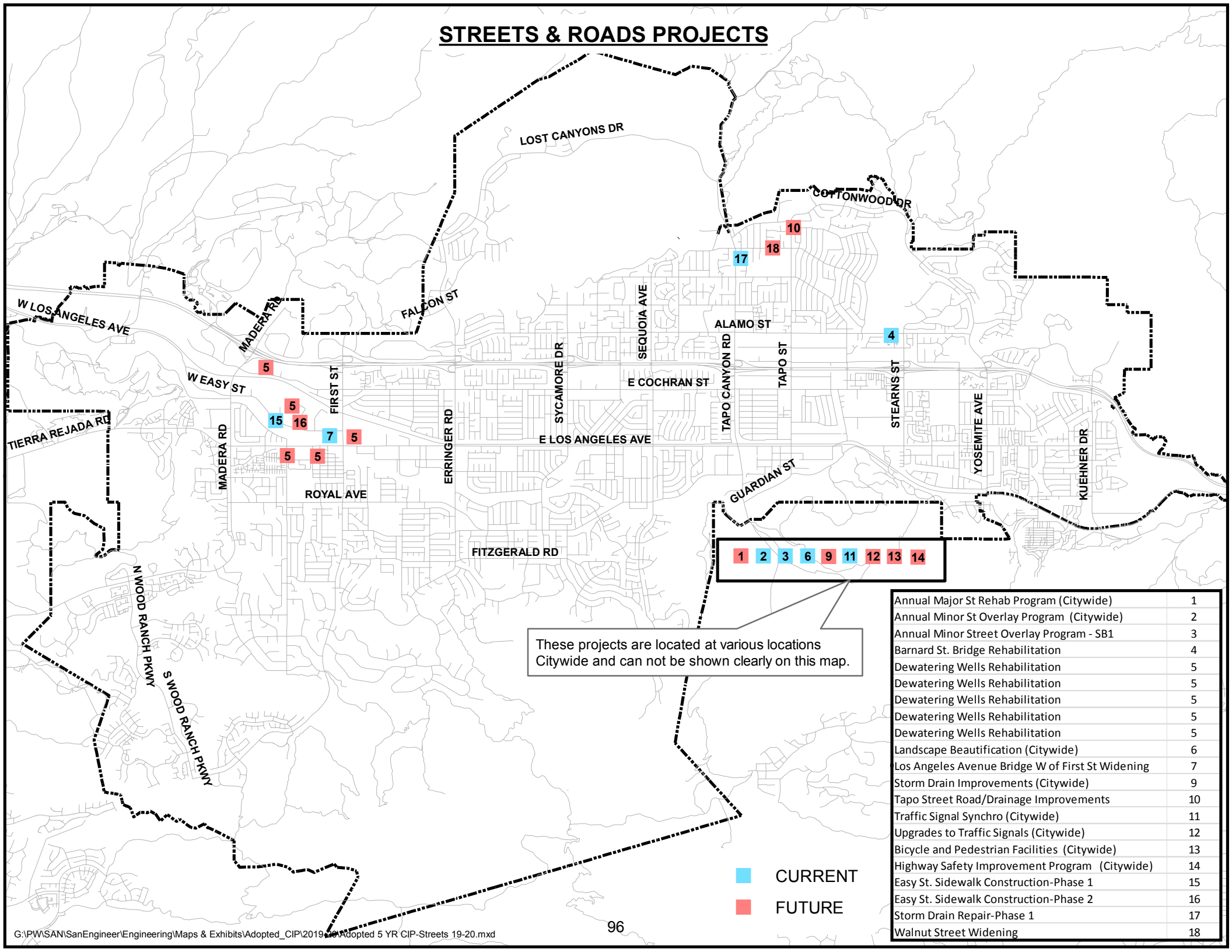
STREETS AND ROADS

This category contains activities to expand and improve the City's transportation infrastructure. These projects are contained in the City's Streets and Roads Program and are financed from a variety of City funds and grants provided by Federal, State, and Ventura County agencies.

This category contains 18 projects at a total projected cost of \$31,901,299 over 5 years. The FY2019/20 funding is \$3,876,299 for 9 projects to resurface minor streets, sidewalk construction, provide landscape beautification, street reconstruction, pavement inspection, pipe repair, and traffic signals synchronization.

Street rehabilitation project priorities and cost estimates are developed based on physical inspection by staff engineers, current unit prices, and quantities for the work to be accomplished. An inflationary factor, based on historic information and industry standards, is used for projects proposed in future years. Likewise, the cost of street widening and bridge improvements is calculated by staff based on unit prices and quantities, then adjusted for inflation. As a cost savings measure, engineering firms under contract to the City for as-needed work are used to develop cost estimates for projects that involve geotechnical, structural, or mechanical systems, rather than maintaining staff for these purposes.

STREETS & ROADS PROJECTS



These projects are located at various locations Citywide and can not be shown clearly on this map.

- 1
- 2
- 3
- 6
- 9
- 11
- 12
- 13
- 14

Annual Major St Rehab Program (Citywide)	1
Annual Minor St Overlay Program (Citywide)	2
Annual Minor Street Overlay Program - SB1	3
Barnard St. Bridge Rehabilitation	4
Dewatering Wells Rehabilitation	5
Dewatering Wells Rehabilitation	5
Dewatering Wells Rehabilitation	5
Dewatering Wells Rehabilitation	5
Dewatering Wells Rehabilitation	5
Dewatering Wells Rehabilitation	5
Landscape Beautification (Citywide)	6
Los Angeles Avenue Bridge W of First St Widening	7
Storm Drain Improvements (Citywide)	9
Tapo Street Road/Drainage Improvements	10
Traffic Signal Synchro (Citywide)	11
Upgrades to Traffic Signals (Citywide)	12
Bicycle and Pedestrian Facilities (Citywide)	13
Highway Safety Improvement Program (Citywide)	14
Easy St. Sidewalk Construction-Phase 1	15
Easy St. Sidewalk Construction-Phase 2	16
Storm Drain Repair-Phase 1	17
Walnut Street Widening	18

■ CURRENT
■ FUTURE

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Major Streets Rehabilitation Program			Operating Cost:			
Project No:	CP60000018			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Kamran Panah			Source of Funds:	General Fund, Sanitation Fund, Waterworks Fund		
Project Description: The proposed FY 2019-20 project may include First Street, Erringer Road, and Alamo Street (various segments). Projects are approved for funding July 1st of each fiscal year and scheduled for completion during summer of the following year. Future projects planned include resurfacing on Madera Road, Los Angeles Avenue (various locations), and Stearns Street.							
<hr/>							
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
CONSTRUCTION	\$ -	\$ 1,150,000	\$ 1,150,000	\$ 1,150,000	\$ 1,150,000	\$	4,600,000
PROFESSIONAL	-	50,000	50,000	50,000	50,000	\$	200,000
Total	\$ -	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$	4,800,000
SOURCES OF FUNDING:							
GENERAL FUND	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$	4,000,000
SANITATION FUND	-	100,000	100,000	100,000	100,000	\$	400,000
WATERWORKS FUND	-	100,000	100,000	100,000	100,000	\$	400,000
Total	\$ -	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$	4,800,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2018-19 TO 2022-23**

Project Title:	Minor Street Overlay Program	Operating Cost:	
Project No:	CP60000019	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Sarah Sheshebor	Source of Funds:	CDBG, General Fund, Sanitation & Waterworks Funds

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2019-20, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's PMP.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ 884,110	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 8,084,110
PROFESSIONAL	50,000	50,000	50,000	50,000	50,000	250,000
Total	\$ 934,110	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 8,334,110

SOURCES OF FUNDING:						
CDBG FUNDING	\$ 567,110	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,167,110
GENERAL FUND	-	1,330,000	1,330,000	1,330,000	1,330,000	\$ 5,320,000
DEVELOPER FEES	247,000					\$ 247,000
SANITATION FUND	60,000	60,000	60,000	60,000	60,000	\$ 300,000
WATERWORKS FUND	60,000	60,000	60,000	60,000	60,000	\$ 300,000
Total	\$ 934,110	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 8,334,110

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-2020 TO 2023-24						
Project Title:	Minor Street Overlay Program - SB1			Operating Cost:		
Project No:	CP60000023			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	SB1 Grant Funding	
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Project Description: This annual program resurfaces residential streets throughout the City. For FY 2019-20, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's PMP. This project is funded from State Transportation funds from the Road Repair and Accountability Act of 2017, SB1.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
PROFESSIONAL	131,189	-	-	-	-	131,189
Total	\$ 2,131,189	\$ -	\$ -	\$ -	\$ -	\$ 2,131,189
SOURCES OF FUNDING:						
SB1 GRANT FUNDING	\$ 2,131,189	\$ -	\$ -	\$ -	\$ -	\$ 2,131,189
Total	\$ 2,131,189	\$ -	\$ -	\$ -	\$ -	\$ 2,131,189

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Barnard Street Rehabilitation Project			Operating Cost:		
Project No:	CP60000008			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	General Fund, Federal Grant	
Project Description: This project includes widening/rehabilitation of the existing bridge on Barnard Street, 0.5 miles west of Stearns Street. Design is scheduled to begin in the Summer 2019. Construction is scheduled to begin in the Spring of 2020, and to be completed by December 2020. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ 255,000	\$ -	\$ -	\$ -	\$ -	255,000
CONSULTANT SERVICES	75,000	-	-	-	-	75,000
Total	\$ 330,000	\$ -	\$ -	\$ -	\$ -	330,000
SOURCES OF FUNDING:						
FEDERAL GRANT	\$ 293,000	\$ -	\$ -	\$ -	\$ -	293,000
DEVELOPER FEES	37,000	-	-	-	-	37,000
Total	\$ 330,000	\$ -	\$ -	\$ -	\$ -	330,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Bicycle and Pedestrian Facilities Project			Operating Cost:			
Project No:	CP60000020			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Jim Brunner			Source of Funds: General Fund, Article 3 Funding			
<hr/>							
Project Description: This is an annual program to implement bicycle and pedestrian projects. This type of project is recommended in the Bicycle Master Plan to enhance conditions for bicyclists and pedestrians throughout the City. Projects include the implementation and/or construction of off-street bicycle paths and related facilities, on-street bicycle lanes, on-street bicycle routes, sidewalks, accessible curb ramps, and local street widening. Some project costs may be eligible for Federal, State, or local grant funds.							
<hr/>							
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
CONSTRUCTION	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000	
Total	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000	
SOURCES OF FUNDING:							
ARTICLE 3 FUNDING	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000	
GENERAL FUND	-	60,000	60,000	60,000	60,000	240,000	
Total	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Dewatering Wells Rehabilitation Project	Operating Cost:
Project No:	CP60000003	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Dan Newton	Source of Funds: General Fund

Project Description: Inspect, evaluate, and rehabilitate five dewatering wells and pump equipment. These wells are operated to control the rising groundwater table and artesian conditions that adversely affect certain localized neighborhoods in western areas of Simi Valley. The five wells vary in age from 23 to 26 years and require periodic maintenance due to the saline nature of the groundwater. This causes the well screens and pump bowls to need cleaning, repair, or replacement over time to maintain their operational efficiency and reliability. The loss of well pumping would result in nuisance groundwater occurring in the local neighborhood streets and properties. One well per year is proposed for rehabilitation over the next five years.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
MAINTENANCE	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
PROFESSIONAL SERVICES	-	20,000	20,000	20,000	20,000	80,000
Total	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000
SOURCES OF FUNDING:						
GENERAL FUND	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000
Total	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Easy Street Sidewalk Construction - Phase I			Operating Cost:		
Project No:	CP60000025			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	General Fund	
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Project Description: This project includes installation of missing sidewalk in front of the Spectrum office on the north side of Easy Street. This will include installation of Driveway, curb ramps, irrigation system relocation and all appurtenant work.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ 29,000	\$ -	\$ -	\$ -	\$ -	\$ 29,000
PROFESSIONAL SERVICES	5,000	-	-	-	-	5,000
Total	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ 34,000
SOURCES OF FUNDING:						
DEVELOPER FEES	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ 34,000
Total	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ 34,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Easy Street Sidewalk Construction - Phase II			Operating Cost:		
Project No:	CP60000026			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	General Fund	
<hr/>						
Project Description:	This project includes installation of missing sidewalk in various sections on Easy Street between Madera Road and First Street. This will include installation of retaining walls, curb ramps, tree removals, irrigation system relocation and all appurtenant work.					
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ -	\$ 290,000	\$ -	\$ -	\$ -	\$ 290,000
PROFESSIONAL SERVICES	-	15,000	-	-	-	15,000
Total	\$ -	\$ 305,000	\$ -	\$ -	\$ -	\$ 305,000
SOURCES OF FUNDING:						
GENERAL FUND	\$ -	\$ 305,000	\$ -	\$ -	\$ -	\$ 305,000
Total	\$ -	\$ 305,000	\$ -	\$ -	\$ -	\$ 305,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Highway Safety Improvement Project (or, HSIP)	Operating Cost:
Project No:	CP60000014	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Anthony Gallo	Source of Funds: General Fund, County/State Funds

Project Description: This program includes highway safety projects for various highway improvements. Currently, there is an ongoing project to inventory and upgrade traffic signs to comply with the Manual of Uniform Traffic Control Devices requirements.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

SOURCES OF FUNDING:						
GENERAL FUND	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24

Project Title:	Landscape Beautification Project	Operating Cost:
Project No:	CP60000001	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Chris Oberender	Source of Funds: Contributions

Project Description: The MOU between Waste Management and the City regarding expansion of the Simi Valley Landfill provides that the City will receive \$80,000 per year for 12 years to be used for City beautification projects. This project includes the planting and maintaining of a grove of aromatic trees on the east side of the landfill.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
LANDSCAPE ARCHITECT MAINTENANCE	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000

SOURCES OF FUNDING:						
CONTRIBUTIONS WASTE MANAGEMENT	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Los Angeles Avenue West of First Street Reconstruction Project			Operating Cost:		
Project No:	CP60000010			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Kamran Panah			Source of Funds: Federal Grant, General Fund		
Project Description: This project includes replacing existing bridge and reconstruction of the approaches on Los Angeles Avenue, 0.1 miles west of First Street. Design is scheduled to begin in September 2020. Construction is scheduled to begin in July of 2021, and to be completed by December 2021. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.						
EXPENDITURE PLAN:						
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ -	\$ -	\$ 9,510,000	\$ -	\$ -	\$ 9,510,000
PROFESSIONAL SERVICES (ENGINEERING)	40,000	1,660,000	-	-	-	1,700,000
Total	\$ 40,000	\$ 1,660,000	\$ 9,510,000	\$ -	\$ -	\$ 11,210,000
SOURCES OF FUNDING:						
FEDERAL GRANT	\$ 35,000	\$ 1,470,000	\$ 8,419,200	\$ -	\$ -	\$ 9,924,200
GENERAL FUND	\$ -	\$ 190,000	\$ 1,090,800	\$ -	\$ -	\$ 1,280,800
DEVELOPER FEES	5,000	-	-	-	-	5,000
Total	\$ 40,000	\$ 1,660,000	\$ 9,510,000	\$ -	\$ -	\$ 11,210,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Pavement Management Program			Operating Cost:		
Project No:	CP60000027			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	General Fund	
<hr/>						
Project Description:	The PMP was adopted in 2015 to develop a management tool in rating the pavement condition of over 336 miles of the streets in the City. The PMP must be re-inspected every four years.					
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
PROFESSIONAL SERV.	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Total	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
<hr/>						
SOURCES OF FUNDING:						
DEVELOPER FEES	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Total	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Storm Drain Improvement Project	Operating Cost:	
Project No:	CP60000004	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Brent Siemer	Source of Funds:	General Fund

Project Description: This is an on-going project to construct drainage improvements at various locations throughout the City. Specific projects will be recommended as identified in the update to the Master Plan of Drainage completed in FY 2013-14.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
Total	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
SOURCES OF FUNDING:						
GENERAL FUND	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
Total	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Storm Drain Repair - Phase I			Operating Cost:		
Project No:	CP60000024			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	General Fund	
<hr/>						
Project Description: This project includes repair of an existing CMP pipe that has deteriorated within a property on Mason Court. This will include heavy cleaning, lining, post video of the existing pipe and some grading.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ 55,000	\$ -	\$ -	\$ -	\$ -	55,000
PROFESSIONAL SERVICES	2,000	-	-	-	-	2,000
Total	\$ 57,000	\$ -	\$ -	\$ -	\$ -	57,000
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SOURCES OF FUNDING:						
DEVELOPER FEES	\$ 57,000	\$ -	\$ -	\$ -	\$ -	57,000
Total	\$ 57,000	\$ -	\$ -	\$ -	\$ -	57,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Tapo Street Road and Drainage Improvements Project	Operating Cost:	
Project No:	CP60000012	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Mansour Moradi	Source of Funds:	General Fund

Project Description: This project includes the design and construction of street and drainage improvements along the west side of Tapo Street north of Walnut Street. The west side of Tapo Street between Alamo Street and Presidio Drive is fully improved except for that one portion north of Walnut Street. This project will improve the last remaining unimproved section of roadway on Tapo Street. Construction is scheduled to begin in March of 2021 and completed by July of 2021.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

SOURCES OF FUNDING:						
GENERAL FUND	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Traffic Signal Synchronization Project			Operating Cost:			
Project No:	CP60000016			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Justin Link			Source of Funds:	General Fund		
<hr/>							
Project Description: This program provides for the synchronization of traffic signals on major streets in accordance with a Traffic Signal Synchronization Master Plan. Projects include the construction of interconnect facilities to link traffic signals into synchronized systems. Also included is the installation of conduit and interconnect cable between the intersections, installation of phone lines and modem connections, upgrading traffic signal of hardware, software, and other appurtenances that are necessary. Synchronization projects are typically of higher cost, and it may take a number of years of accumulating the annual share to have sufficient funding to implement a project. The next planned project is a fiber optic interconnect system that will connect the City-owned signals on Erringer Road from Alamo Street to Cochran Street, Cochran Street from Erringer Road to First Street, and Madera Road from Cochran Street to Easy Street. This project will also result in a continuous fiber optic line from City Hall to the PSC, resulting in savings as the City will no longer need to pay lease payments for this service.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
CONSTRUCTION	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	750,000	
Total	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	
SOURCES OF FUNDING:							
TRAFFIC IMPACT FUND	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	750,000	
Total	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Traffic Signal Upgrades			Operating Cost:			
Project No:	CP60000017			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Justin Link			Source of Funds:	General Fund		
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Project Description:	This annual program provides for upgrades of signal equipment, including modernization of existing traffic signal controllers and cabinets, upgrading conduit and/or wiring, and other signal equipment or phasing upgrades at locations recommended by staff during the annual review of the Traffic Signal Construction Program in the spring of each year. The City currently operates 121 traffic signals. It is anticipated that selected projects will be completed by the end of the fiscal year.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
CONSTRUCTION	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$	850,000
Total	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$	850,000
SOURCES OF FUNDING:							
GENERAL FUND	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$	850,000
Total	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$	850,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Walnut Street Widening			Operating Cost:		
Project No:	CP60000028			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	General Fund	
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Project Description: This project includes the design and construction for widening of the street and drainage improvements along the north side of Walnut Street between Sugar Grove Court and Racheal Street. The east side and west side of this section is fully improved. This project will improve the drainage and the unimproved section of the roadway on Walnut Street.						
<hr/>						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
CONSTRUCTION	\$ -	\$ 295,000	\$ -	\$ -	\$ -	\$ 295,000
CONSULTANT	-	25,000	-	-	-	25,000
Total	\$ -	\$ 320,000	\$ -	\$ -	\$ -	\$ 320,000
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SOURCES OF FUNDING:						
FEDERAL FUNDING	\$ -	\$ 283,000	\$ -	\$ -	\$ -	\$ 283,000
GENERAL FUND	\$ -	\$ 37,000	\$ -	\$ -	\$ -	\$ 37,000
Total	\$ -	\$ 320,000	\$ -	\$ -	\$ -	\$ 320,000

The following projects are on-going, but are not requesting any new funding in the next five fiscal years.



Project Title:	Madera Road Bridge Rehab	Operating Cost:
Project No:	CP60000011	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Mansour Moradi	Source of Funds: Federal Grant, Traffic Impact Fees

Project Description: This project includes repairing and overlaying the deck with PCC seal coat and construct Metal Beam Guardrail on northeast approach on Madera Road, 0.3 miles south of State Route 118. Design is scheduled to begin in September 2018. Construction is scheduled to begin in September of 2018 and to be completed by March 2021. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.



Project Title:	West of Los Angeles Ave.	Operating Cost:
Project No:	CP60000021	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Fuad Shamout	Source of Funds: General Fund, Federal Funding

Project Description: This project includes the widening of West Los Angeles Avenue from the City's PSC to Los Alamos Canyon Creek in order to install on-street bicycle lanes, curb, gutter, and sidewalk and all appurtenant facilities.



WATERWORKS DISTRICT PROJECTS

Ventura County Waterworks District No. 8 projects comprise both facilities replacement activities and capital projects to refurbish and improve the City's water distribution and storage system. Facilities replacement activities are financed from Waterworks District operating revenues. Capital projects are funded from capital improvement charges generated by new development in the City.

This category contains 40 projects at a total projected 5-year cost of \$23,481,000, of which \$9,730,000 is funded in FY2019/20. Some of the FY2019/20 projects funded by the Replacement Reserve include water facilities exterior painting, sealing and coating at Waterworks tank sites and pumping facilities, and pump rehabilitation. Some of the FY2019/20 projects funded by the Waterworks Capital Fund include the design and construction of a new well at Gillibrand Basin, the development of the Simi Valley Basin into potable local water resource, and the replacement of a high risk pipeline.

Cost estimates for pipeline projects, including recycled water programs, are developed based on recent unit prices for similar work. Estimates for equipment such as water mixing systems, generators, etc., are obtained from prospective vendors and/or based on recent costs.

Please see following page for Projects list.

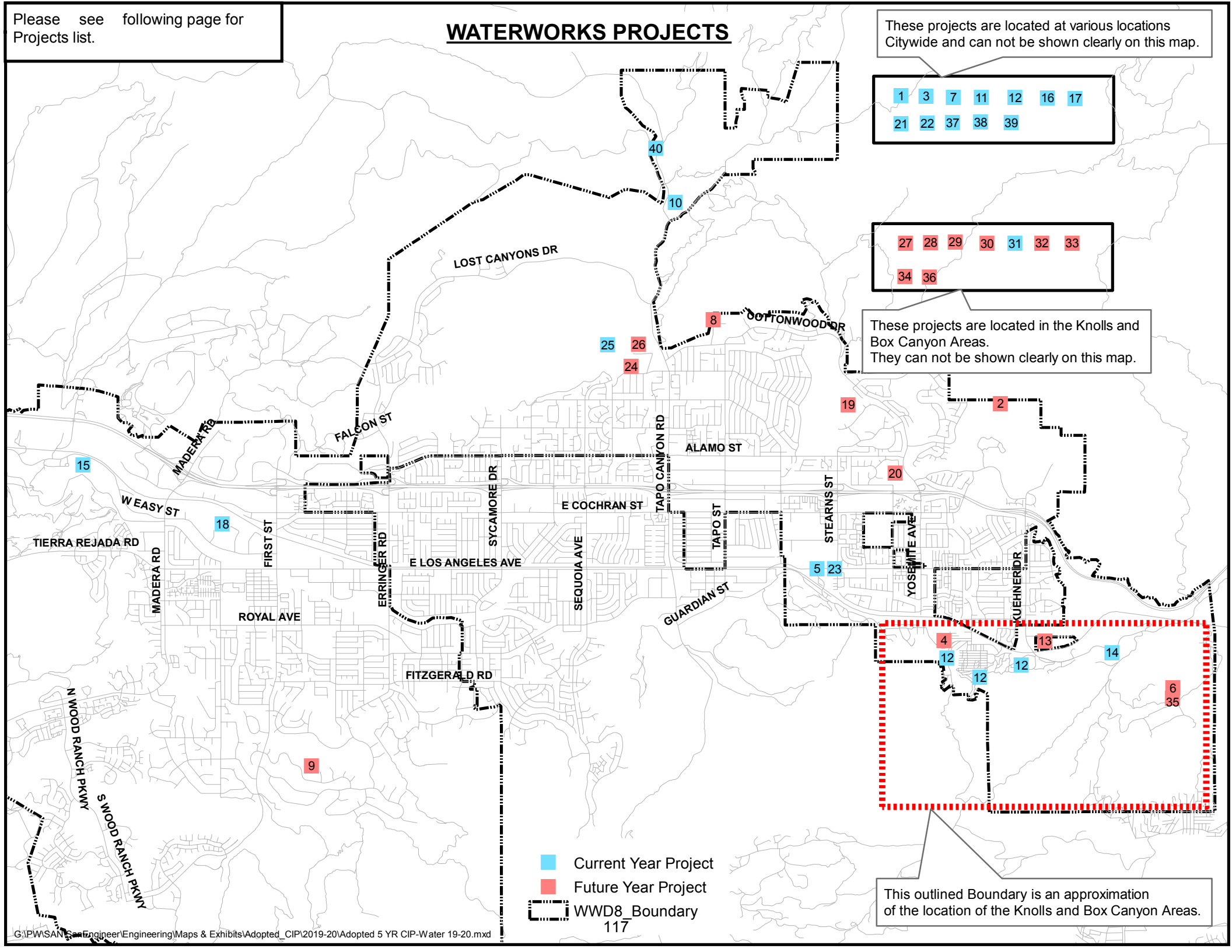
WATERWORKS PROJECTS

These projects are located at various locations Citywide and can not be shown clearly on this map.

- 1 3 7 11 12 16 17
- 21 22 37 38 39

- 27 28 29 30 31 32 33
- 34 36

These projects are located in the Knolls and Box Canyon Areas. They can not be shown clearly on this map.



- Current Year Project
- Future Year Project
- - - WWD8_Boundary

This outlined Boundary is an approximation of the location of the Knolls and Box Canyon Areas.

Water Projects				
Project Description	Point		Project Description	Point
District Telemetry Systems	1		Tank Inspection and Cleaning	21
Flanagan Tank Repair & Recoat	2		Valve Box Replacement	22
High Risk Pipeline Replacement	3		Vulnerability Assessment Upgrades	23
Hilltop Tank Rafter Repair	4		Walnut Avenue Pump Station	24
Landscape, Fencing, Noise Barrier	5		Walnut Tank 1 Repair and Recoat	25
Lilac Tank Repair	6		Walnut Tank 2 Repair and Recoat	26
Main Line Valve Replacement	7		Waterline Repl. - Black Cyn/Gaston/Reis/Studio	27
Marr Ranch Tank 1 Rafters Repair	8		Waterline Replacement - Casa Grande / Redwood	28
Mellow Lane Tank Repair and Recoat	9		Waterline Repl. - Dennis/Rollins/Wells/Pepper Tree	29
New Well in Gillibrand Basin	10		Waterline Repl. - Del Robles/foothill/End/Camino	30
Painting of Water Facilities	11		Waterline Replacement - Ehlers/Larson/My Way	31
Paving & Slurry Seal at Tank Sites	12		Waterline Replacement - Folly Sims	32
Pump Station Rehab - Station 1	13		Waterline Replacement - Gaston 2" PEP, El Camino	33
Pump Station Rehab - Station 2	14		Waterline Replacement - Hilltop Rd / Oak Knolls	34
Purchased Recycled Water Facilities	15		Waterline Replacement - Lilac Tank	35
Refurbishment/Install District Pumping Facilities	16		Waterline Replacement - Studio / Los Nogales / LA	36
Seismic Evaluation of Water Tanks	17		Water Main Replacement Program	37
Simi Valley Groundwater Basin	18		Waterworks Capacity Study	38
Stearns Tanks 1 and 2 Repairs	19		Waterworks Risk Assessment and ERP	39
Stow Tanks 1 - 4 Repairs and Recoat	20		Well Rehabilitation Program	40

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	District Telemetry			Operating Cost:			
Project No:	CP76300014			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Dan Newton			Source of Funds: Waterworks Replacement Fund			
Project Description: Annual program for ongoing maintenance and modifications to security systems and for support to the District's SCADA system. Maintenance and modifications are performed on an as-needed basis for field equipment that fails or needs replacement for systems upgrades and software revisions.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Maintenance	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	
SOURCES OF FUNDING:							
Waterworks Replacement Fund	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24**

Project Title: Flanagan Tank Repair and Recoat
Project No: CP76300029
Lead Department: Public Works
Project Manager: Steve Seiberlich

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: Waterworks Replacement Fund

Project Description: This project would recoat and repair the 1.5 Million gallon capacity Flanagan Tank that has been in service since 1984. The tank was last patch repaired in 1999. A dive inspection conducted by CSI Services in 2011, identified that the tank's interior original coating had deteriorated and many of the structural members are corroded and require repair or replacement. Recoating tanks are cost effective, as well as resulting to improved longevity. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015, also recommends the following: seal ring footing cracks around the perimeter of the tank, replace damaged tank anchors, restore exterior surface of the existing CMU retaining wall, and replace the interior safety climb ladder.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000
Consultant Services	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000
Total	\$ -	\$ -	\$ 435,000	\$ -	\$ -	\$ 435,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ -	\$ -	\$ 435,000	\$ -	\$ -	\$ 435,000
Total	\$ -	\$ -	\$ 435,000	\$ -	\$ -	\$ 435,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24

Project Title:	High Risk Pipeline Replacement	Operating Cost:	
Project No:	CP76200008	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Capital Fund

Project Description: The pipelines in this project were identified in the Waterworks Facilities Assessment based on their calculated risk. The Assessment recommended a preliminary design study followed by design and construction, if needed. Approximately 3,100 feet of pipeline, ranging in size from 4" to 16" was identified as high-risk. The assessment estimates a replacement cost of \$700,000.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 700,000	\$ -	\$ -	\$ -	700,000
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total	\$ 100,000	\$ 700,000	\$ -	\$ -	\$ -	800,000

SOURCES OF FUNDING:						
Waterworks Cap. Fund	\$ 100,000	\$ 700,000	\$ -	\$ -	\$ -	800,000
Total	\$ 100,000	\$ 700,000	\$ -	\$ -	\$ -	800,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Hilltop Tank Rafter Repair			Operating Cost:			
Project No:	CP76300022			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Michael Kang			Source of Funds:	Waterworks Replacement Fund		
Project Description: This project would repair and recoat the structural steel roofing supports in the Hilltop Tank, and inspect and patch the interior coating as needed. The tank's interior structural members are corroded and require repair or replacement. A dive inspection conducted by CSI Tank Services in 2011, identified the deficiency and recommended the repairs for the interior of the tank. In addition, the Waterworks Facilities Assessment also recommended to fill in voids, where soil has settled, below the tank perimeter with a flowable fill material and install a new cathodic protection system to prevent corrosion.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Consultant Services	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Total	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000
SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000
Total	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Landscape, Fencing, Noise Barrier			Operating Cost:		
Project No:	CP76300010			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Dan Newton			Source of Funds:	Waterworks Replacement Fund	
Project Description: Annual program for landscaping to visually enhance the area around water tanks and for the installation of fence and screening. It is anticipated that the funds will be used for new plant material to replace existing landscaping that is failing or has been damaged by vandalism or weather.						
EXPENDITURE PLAN:						
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Maintenance	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Total	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Total	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-2020 TO 2023-24						
Project Title:	Lilac Tank Repair				Operating Cost:	
Project No:	CP76300020				First Year:	
Lead Department:	Public Works				Subsequent Year:	
Project Manager:	Michael Kang				Source of Funds:	Waterworks Replacement Fund
Project Description: This proposed project would replace 740 feet of pipeline at the Lilac Tank Site that is exposed and needs to be repaired and replaced in certain areas. By installing the new pipeline, water service reliability would be improved to existing properties. The plan is to complete the design by January 2024 and complete construction by June 2024.						
EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ -	225,000	\$ 225,000
Consultant Services	\$ -	\$ -	\$ -	\$ -	30,000	\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	255,000	\$ 255,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ -	\$ -	\$ -	\$ -	255,000	\$ 255,000
Total	\$ -	\$ -	\$ -	\$ -	255,000	\$ 255,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Main Line Valve			Operating Cost:		
Project No:	CP76300005			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Dan Newton			Source of Funds:	Waterworks Replacement Fund	
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Project Description:	Annual program for ongoing replacement of main line valves throughout the District Program.					
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Maintenance	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000
Total	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000
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SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000
Total	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Marr Ranch Tank 1 Rafters Repair			Operating Cost:			
Project No:	CP76300023			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Steve Seiberlich			Source of Funds:	Waterworks Replacement Fund		
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Project Description: This project would repair and recoat the structural steel roofing supports in the 1 Million gallon capacity Marr Ranch Tank No. 1, and inspect and patch the interior coating as needed. The tank was constructed in 1965 and was last patch repaired in 1989. The tank's interior structural members are corroded and require repair or replacement. A dive inspection conducted by CSI Tank Services in 2011, identified the deficiency and recommended the repairs for the interior of the tank. In addition, the Waterworks Facilities Assessment prepared by Carollo Engineers in 2015, also recommended to replace the tank level gauge.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Consultant Services	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Total	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Total	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-2020 TO 2023-24						
Project Title:	Mellow Lane Tank Repair and Recoat			Operating Cost:		
Project No:	CP76300030			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Steve Seiberlich			Source of Funds:	Waterworks Replacement Fund	
Project Description: This project would recoat and repair the 500,000 gallon capacity Mellow Lane Tank that has been in service since 1966. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015, recommends replacing corroded bolts and blast, and recoat the corroded flange sections at the base of the tank and recoat the exterior of the tank.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
Consultant Services	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 130,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 130,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 130,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title: New Well in Gillibrand Basin
Project No: CP76200002
Lead Department: Public Works
Project Manager: Mansour Moradi

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: Waterworks Capital Fund

Project Description: This project would design, construct, and equip a groundwater production well, similar in production capacity to Well 32, to serve as a supplemental well for Wells 32 and 31A. The well is needed as a supply source to the Tapo Canyon Water Treatment Plant. The current wells are at full demand at peak demand. A third well is needed to provide redundancy in case of a well outage. In addition, Well 32 is nearly 50 years old, is not reliable, and may need to be retired soon. The design is expected to be completed in July 2019, completion will be pending property acquisition. Construction is planned to be completed in October 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	1,350,000
Consultant Services	-	-	-	-	-	-
Total	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	1,350,000

SOURCES OF FUNDING:						
Waterworks Capital Fund	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	1,350,000
Total	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	1,350,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Painting of Water Facilities			Operating Cost:		
Project No:	CP76300011			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Michael Kang			Source of Funds:	Waterworks Operating Fund	
Project Description: Annual program for repainting exteriors of water tanks and pump stations throughout the District based on physical inspections by staff. Repainting prolongs the life of water tanks and pump stations. The funds are also expended for the removal of graffiti.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
SOURCES OF FUNDING:						
Waterworks Operating Fund	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Paving & Slurry Seal at Tank Sites			Operating Cost:		
Project No:	CP76300009			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Dan Newton			Source of Funds:	Waterworks Operating Fund	
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Project Description:	Annual program for crack sealing and seal coat work at Waterworks Tank Sites and Pumping Facilities.					
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Maintenance	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Total	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
SOURCES OF FUNDING:						
Waterworks Operating Fund	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Total	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-2020 TO 2023-24						
Project Title:	Pump Station Rehab - Station 1			Operating Cost:		
Project No:	CP76300024			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Michael Kang			Source of Funds:	Waterworks Replacement Fund	
Project Description: This project would rehabilitate the Station No. 1 Pump Station. The Waterworks Facilities Assessment, conducted by Carollo Engineers in 2015, recommended replacing both pumps and motors, rehabilitating or replacing the pump cans, and rebuilding and resealing the concrete slab and pump thrust block. Design is expected to be completed in March 2021 and construction completed by October 2021.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 220,000	\$ -	\$ -	\$ -	220,000
Consultant Services	\$ -	\$ 30,000	\$ -	\$ -	\$ -	30,000
Total	\$ -	\$ 250,000	\$ -	\$ -	\$ -	250,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ -	\$ 250,000	\$ -	\$ -	\$ -	250,000
Total	\$ -	\$ 250,000	\$ -	\$ -	\$ -	250,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Pump Station Rehab - Station 2			Operating Cost:			
Project No:	CP76300025			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Michael Kang			Source of Funds: Waterworks Replacement Fund			
Project Description: This project would rehabilitate the Station No. 2 Pump Station that has been in service since 1995. The Waterworks Facilities Assessment, conducted by Carollo Engineers in 2015, recommended replacing both pumps and motors, rehabilitating or replacing the pump cans, and rebuilding and resealing the concrete slab and pump thrust block. Design is expected to be completed in March 2020 and construction completed by October 2020.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	250,000
Consultant Services	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	30,000
Total	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ -	280,000
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SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ -	280,000
Total	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ -	280,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Purchase Recycled Water Facilities	Operating Cost:
Project No:	CP76200007	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Capital Fund

Project Description: This project would purchase the existing Recycled Water Pump Station and transmission main pipeline from CMWD. An agreement between CMWD and the City was executed on November 21, 1994 to develop a recycled water backbone system. As part of the agreement, after twenty-five years from the date of execution, the City may purchase the recycled water pump station, piping, and facilities from CMWD. The City currently serves recycled water to the Simi Valley Landfill and a commercial property on Cochran Road, and anticipates serving a precast concrete company, and other customers along the current service area route.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Purchase	2,000,000	-	-	-	-	2,000,000
Total	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000

SOURCES OF FUNDING:						
Waterworks Capital Fund	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	2,000,000
Total	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Refurbishment/Install District Pumping Facilities			Operating Cost:			
Project No:	CP76300012			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Dan Newton			Source of Funds: Waterworks Operating Fund			
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Project Description: Annual program for ongoing refurbishment of pumps and motors that are inefficient to operate and are in need of repair or replacement.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Maintenance	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000	
Total	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000	
SOURCES OF FUNDING:							
Waterworks Operating Fund	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000	
Total	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Seismic Evaluation of Water Tanks			Operating Cost:			
Project No:	CP76300018			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Michael Kang			Source of Funds: Waterworks Replacement Fund			
Project Description: The Waterworks Facilities Assessment and Cost of Service Evaluation recommend a seismic evaluation of each of the forty-three tanks in the Waterworks distribution system. The evaluation will determine whether existing anchorage meets current requirements, adequacy of the tank shell and roof structure in the event of an earthquake, given the current tank freeboard. Based on the results of the evaluation, tank anchorage and strengthening may be recommended.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Consultant Services	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	250,000
Total	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	250,000
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SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	250,000
Total	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	250,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Simi Valley Groundwater Basin			Operating Cost:		
Project No:	CP985141			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Sarah Sheshebor			Source of Funds:	Waterworks Capital Fund	
Project Description: This project would develop the Simi Valley Basin into a potable local water resource to supplement imported water from CMWD. CMWD proposes to extend its Salinity Management Pipeline to Simi Valley by 2022 providing a means of disposing of waste byproduct generated by a groundwater treatment process that is necessary to develop the Basin. A feasibility study was prepared to evaluate treatment options, well siting, treatment plant siting and other logistical considerations. The feasibility study indicates an investment of approximately \$80 million would be needed. The first project phase will be to prepare a Groundwater Sampling and Analysis Plan to provide groundwater quality data for the Simi Valley Basin to evaluate its potential contamination from the Santa Susana Field Laboratory. Data collected from the Plan will supplement information from other studies to be used as a reference to the CEQA documentation. Subsequently, an Initial Study Environmental document will be prepared to satisfy the CEQA and CEQA Plus standards. A Mitigated Negative Declaration is anticipated for the project. Also, property may be acquired for the treatment plant and six well sites, as the sites become available. Staff will also seek project approval from the Board of Directors along with further direction, and following such direction, more financial planning will be shown in support of the Board's policy.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Land Acquisition	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
Total	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
SOURCES OF FUNDING:						
Waterworks Capital Fund	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
Total	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Stearns Tank 1 and 2 Repairs			Operating Cost:			
Project No:	CP76300021			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Michael Kang			Source of Funds: Waterworks Replacement Fund			
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Project Description: This project would upgrade the 500,000 gallon capacity Stearns Tank No. 1 that has been in service since 1960 and the 1 Million gallon capacity Stearns Tank No. 2 that has been in service since 1975. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015, recommended revising the site layout, realigning the piping, and/or a combination of each to install a flexible pipe connection with a full range of differential movement.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Consultant Services	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
Total	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ 330,000
SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ 330,000
Total	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ 330,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Stow Tanks 1-4 Repairs and Recoat				Operating Cost:		
Project No:	CP76300028				First Year:		
Lead Department:	Public Works				Subsequent Year:		
Project Manager:	Steve Seiberlich				Source of Funds:	Waterworks Replacement Fund	
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Project Description: This project would repair and upgrade the four Stow Tanks that have been in service since 1960, with a total capacity of 5 Million gallons. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015, recommended revising the site layout, realigning the piping, and/or a combination of each to install a flexible pipe connection with a full range of differential movement for Tank No. 1. All tanks will have the voids below the tank perimeter, filled with a flowable material to reinforce the structure. Bollards will be installed to protect the tank inlet/outlet piping. The wall base around the tanks will be provided with localized blasting and recoating. The base will then be resealed with a flexible joint sealant.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ 650,000
Consultant Services	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
Total	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ 700,000
SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ 700,000
Total	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ 700,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24

Project Title:	Tank Inspection and Cleaning	Operating Cost:
Project No:	CP76300017	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Replacement Fund

Project Description: This program would inspect and clean the District's water storage tanks every ten years to identify and prioritize repair and maintenance of the tanks. Divers will inspect the condition of the interior tank coatings and identify areas of metal corrosion of the tank walls, bottom, and roof structures. The tank's longevity is significantly improved, cost effectively, by planned projects, where the tank is taken out of service to recoat the interior surfaces, and repair and/or replace any corroded structural beams and rafters to prevent further corrosion. The proposed inspections will be conducted at: Stow Tanks #1, #2, #3, #4 in FY 2019-20; Flanagan, Casual Court, Wood Ranch 5MG, Woodranch #1 and #2, Crosby in FY 20120-21; First Street #1, #2, #3, #4 in FY 2021-22; Mine Road #1 and #2, Mellow Lane, Madera 1031, Greystone in FY 2022-23; and McCoy, Stearns, Hidden Ranch, Lilac in FY 2023-24.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Consultant Services	\$ 40,000	\$ 60,000	\$ 40,000	\$ 50,000	\$ 40,000	\$ 230,000
Total	\$ 40,000	\$ 60,000	\$ 40,000	\$ 50,000	\$ 40,000	\$ 230,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ 40,000	\$ 60,000	\$ 40,000	\$ 50,000	\$ 40,000	\$ 230,000
Total	\$ 40,000	\$ 60,000	\$ 40,000	\$ 50,000	\$ 40,000	\$ 230,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Valve Box				Operating Cost:		
Project No:	CP76300013				First Year:		
Lead Department:	Public Works				Subsequent Year:		
Project Manager:	Michael Kang				Source of Funds:	Waterworks Operating Fund	
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Project Description:	Annual program for ongoing valve box replacements throughout the District.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Maintenance	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	
Total	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	
SOURCES OF FUNDING:							
Waterworks Operating Fund	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	
Total	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Vulnerability Assessment Upgrades			Operating Cost:		
Project No:	CP76300015			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Dan Newton			Source of Funds:	Waterworks Operating Fund	
Project Description: Implementation of security measures as outlined in the Vulnerability Assessment Study. Work is also performed on an as-needed basis to security equipment that fails or needs replacement due to obsolescence. Work includes updates to software and replacement of hardware that is over ten years old.						
EXPENDITURE PLAN:						
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Vulnerability Assessment Upgrades	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
SOURCES OF FUNDING:						
Waterworks Operating Fund	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Walnut Avenue			Operating Cost:			
Project No:	CP980460			First Year:			
Lead Department:	Public Works			Subsequent Year: \$10,000			
Project Manager:	Michael Kang			Source of Funds: Waterworks Replacement Fund			
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Project Description: This project is proposed to construct a pump station at the Walnut Yard and 1,400 feet of pipeline in Walnut Street to replace the existing Tapo Street pump and provide the necessary capacity for the Lost Canyons Development.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ -	\$ 460,000	\$ -	\$ -	\$ -	\$ -	460,000
Consultant Services	-	40,000	-	-	-	-	40,000
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	500,000
SOURCES OF FUNDING:							
Waterworks Replacement Fund	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	500,000
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	500,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-2020 TO 2023-24

Project Title:	Walnut Tank 1 Repair and Recoat	Operating Cost:	
Project No:	CP76300026	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would recoat the interior and repair the roof structure of the 1 Million gallon capacity Walnut Tank No. 1. The tank was constructed in 1960 and the interior was last patch repaired in 2001. A dive inspection conducted by CSI Services in 2011, identified that the tank's interior original coating had deteriorated and many of the structural members are corroded and require repair or replacement. Tank longevity is significantly improved, cost effectively, by recoating. In addition, the Waterworks Facilities Assessment, conducted by Carollo Engineers in 2015, recommended installing bollards to protect the tank inlet/outlet piping and replacing tank level gauge.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 350,000	\$ -	\$ -	\$ -	\$ -	350,000
Consultant Services	\$ 30,000	\$ -	\$ -	\$ -	\$ -	30,000
Total	\$ 380,000	\$ -	\$ -	\$ -	\$ -	380,000

SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ 380,000	\$ -	\$ -	\$ -	\$ -	380,000
Total	\$ 380,000	\$ -	\$ -	\$ -	\$ -	380,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-2020 TO 2023-24							
Project Title:	Walnut Tank 2 Repair and Recoat			Operating Cost:			
Project No:	CP76300027			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Steve Seiberlich			Source of Funds:	Waterworks Replacement Fund		
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Project Description: This project would recoat the interior of the 2 Million gallon capacity, Walnut Tank No. 2. The tank was constructed in 1992 and the interior was last patch repaired in 2001. A dive inspection conducted by CSI Services in 2011, identified that the tank's interior original coating had deteriorated. Tank longevity is significantly improved, cost effectively, by recoating. In addition, the Waterworks Facilities Assessment conducted by Carollo Engineers in 2015, recommended to replace the cathodic protection system, which has been in service for 26 years.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Consultant Services	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Total	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ 330,000
SOURCES OF FUNDING:							
Waterworks Repl. Fund	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ 330,000
Total	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ 330,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Black Cyn/Gaston/Reis/Studio	Operating Cost:	
Project No:	CP76300033	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 2,000 feet of pipeline in Black Canyon Road, Gaston Road, Reis Road and Studio Road, located in the Santa Susana Knolls Area, to replace badly corroded 2" and 4" Blue Bell pipelines that been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by May 2021 and complete construction by October 2021.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ 600,000
Consultant Services	-	-	25,000	-	-	25,000
Total	\$ -	\$ -	\$ 625,000	\$ -	\$ -	\$ 625,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 625,000	\$ -	\$ -	\$ 625,000
Total	\$ -	\$ -	\$ 625,000	\$ -	\$ -	\$ 625,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Casa Grande / Redwood	Operating Cost:	
Project No:	CP76300034	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 1,200 feet of pipeline in Casa Grande and Redwood Drive, located in the Santa Susana Knolls Area, to replace badly corroded 2" and 5" steel pipelines that been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by May 2022 and complete construction by October 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 360,000	\$ -	\$ -	\$ 360,000
Consultant Services	-	-	10,000	-	-	10,000
Total	\$ -	\$ -	\$ 370,000	\$ -	\$ -	\$ 370,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 370,000	\$ -	\$ -	\$ 370,000
Total	\$ -	\$ -	\$ 370,000	\$ -	\$ -	\$ 370,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Dennis/Rollins/Wells/Pepper Tree	Operating Cost:	
Project No:	CP76300032	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 2,000 feet of pipeline in Dennis Way, Rollins Road, Wells Lane, and Peppertree Lane, located in the Box Canyon Area, to replace badly corroded 2", 3", and 5" galvanized steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by May 2020 and complete construction by October 2020.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ 600,000	\$ -	\$ -	\$ -	600,000
Consultant Services	-	25,000	-	-	-	25,000
Total	\$ -	\$ 625,000	\$ -	\$ -	\$ -	625,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ 625,000	\$ -	\$ -	\$ -	625,000
Total	\$ -	\$ 625,000	\$ -	\$ -	\$ -	625,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Del Robles/Foothill/End/Camino	Operating Cost:	
Project No:	CP76300037	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 1,540 feet of pipeline in Del Robles, Foothill Road, End Street and El Camino Real, located in the Santa Susana Knolls Area, to replace badly corroded 2", 4", 5" and 6" steel and PEP pipelines that been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by June 2023 and complete construction by December 2023.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 450,000	\$ -	450,000
Consultant Services	-	-	-	25,000	-	25,000
Total	\$ -	\$ -	\$ -	\$ 475,000	\$ -	475,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 475,000	\$ -	475,000
Total	\$ -	\$ -	\$ -	\$ 475,000	\$ -	475,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Ehlers/Larson/My Way	Operating Cost:	
Project No:	CP76300031	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 950 feet of pipeline in Ehlers Drive, Larson Way, and My Way, located in the Box Canyon Area, to replace badly corroded 2" galvanized steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by May 2019 and complete construction by October 2019.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ 285,000	\$ -	\$ -	\$ -	\$ -	285,000
Consultant Services	15,000	-	-	-	-	15,000
Total	\$ 300,000	\$ -	\$ -	\$ -	\$ -	300,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 300,000	\$ -	\$ -	\$ -	\$ -	300,000
Total	\$ 300,000	\$ -	\$ -	\$ -	\$ -	300,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Folly Sims	Operating Cost:	
Project No:	CP76300040	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would repair and replace as needed 1880 feet of 8" Steel pipeline in Folly Sims that was washed out and is currently exposed along the side of a ravine that connects to the Thompson Pressure Reducing Station. By installing the new pipeline, water service reliability would improve existing properties. The plan is to complete the design by March 2024 and complete construction by August 2024.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 564,000	\$ 564,000
Consultant Services	-	-	-	-	20,000	20,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 584,000	\$ 584,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ -	\$ 584,000	\$ 584,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 584,000	\$ 584,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Gaston 2" PEP, El Camin	Operating Cost:
Project No:	CP76300035	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Jay Lukiewski	Source of Funds: Waterworks Replacement Fund

Project Description: This proposed project would install 1,020 feet of pipeline in Gaston Road, between Crown Hill and Apricot, and El Camino Real, located in the Santa Susana Knolls Area, to replace badly corroded 2" steel and PEP pipelines that been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by June 2022 and complete construction by December 2022.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
Consultant Services	-	-	10,000	-	-	10,000
Total	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 310,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 310,000
Total	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 310,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Water Line Repl - Hilltop Rd. / Oak Knolls			Operating Cost:		
Project No:	CP76300036			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Jay Lukiewski			Source of Funds:	Waterworks Replacement Fund	
Project Description: This proposed project would install 1,500 feet of pipeline in Hilltop Road and El Camino Real, located in the Santa Susana Knolls Area, to replace badly corroded 2" PEP and 5" steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by March 2023 and complete construction by November 2023.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 450,000	\$ -	450,000
Consultant Services	-	-	-	20,000	-	20,000
Total	\$ -	\$ -	\$ -	\$ 470,000	\$ -	470,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 470,000	\$ -	470,000
Total	\$ -	\$ -	\$ -	\$ 470,000	\$ -	470,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Water Line Repl - Lilac Tank			Operating Cost:		
Project No:	CP76300039			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Jay Lukiewski			Source of Funds:	Waterworks Replacement Fund	
Project Description: This proposed project would replace 740 feet of pipeline at the Lilac Tank Site that is exposed and needs to be repaired and replaced in certain areas. By installing the new pipeline, water service reliability would improve existing properties. The plan is to complete the design by January 2024 and complete construction by June 2024.						
EXPENDITURE PLAN:						
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ -	222,000	\$ 222,000
Consultant Services	-	-	-	-	20,000	20,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 242,000	\$ 242,000
SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ -	242,000	\$ 242,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 242,000	\$ 242,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Water Line Repl - Studio / Los Nogales / LA	Operating Cost:	
Project No:	CP76300038	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 2,050 feet of pipeline in Studio Road, Los Nogales (Private Road), Strip Mall on LA Ave East of First Street, and Leota Lane, to replace a badly corroded 2", 4", and 6" steel, and Bluebell pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by April 2024 and complete construction by October 2024.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Construction	\$ -	\$ -	\$ -	\$ 615,000	\$ -	615,000
Consultant Services	-	-	-	35,000	-	35,000
Total	\$ -	\$ -	\$ -	\$ 650,000	\$ -	650,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 650,000	\$ -	650,000
Total	\$ -	\$ -	\$ -	\$ 650,000	\$ -	650,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
FISCAL YEARS 2019-20 TO 2023-24							
Project Title:	Water Main Replacement Program			Operating Cost:			
Project No:	CP76300007			First Year:			
Lead Department:	Public Works			Subsequent Year:			
Project Manager:	Michelle Elorde			Source of Funds:	Waterworks Replacement Fund		
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Project Description: This project is proposed to construct pipeline improvements/replacements, as identified and prioritized in the Water Facilities Assessment and Cost of Service Evaluation. The replacements would address hydraulic deficiencies, deteriorating pipeline conditions, and correct right-of-way conflicts, thereby maintaining water system reliability.							
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total	
Construction	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 4,000,000	
Consultant Services	50,000	50,000	50,000	50,000	-	200,000	
Total	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ -	\$ 4,200,000	
SOURCES OF FUNDING:							
Waterworks Replacement Fund	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ -	\$ 4,200,000	
Total	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ -	\$ 4,200,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Waterworks Capacity Study			Operating Cost:		
Project No:	CP76300019			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Michael Kang			Source of Funds:	Waterworks Replacement Fund	
Project Description: The Waterworks Facilities Assessment and Cost of Service Evaluation recommends a capacity study to evaluate the hydraulic limitations and needs of the Waterworks distribution system. The evaluation will determine whether existing storage, pumping systems and pipelines will be able to meet current fire flow demands. Based on the results of the evaluation, additional storage and pumping projects may be recommended.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Consultant Services	\$ 250,000	\$ -	\$ -	\$ -	\$ -	250,000
Total	\$ 250,000	\$ -	\$ -	\$ -	\$ -	250,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ 250,000	\$ -	\$ -	\$ -	\$ -	250,000
Total	\$ 250,000	\$ -	\$ -	\$ -	\$ -	250,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN						
FISCAL YEARS 2019-20 TO 2023-24						
Project Title:	Waterworks Risk Assessment and ERP			Operating Cost:		
Project No:	CP76300042			First Year:		
Lead Department:	Public Works			Subsequent Year:		
Project Manager:	Michael Kang			Source of Funds:	Waterworks Replacement Fund	
Project Description: This project is proposed to conduct a Risk and Resiliency Assessment of the Waterworks infrastructure and develop an ERP to comply with the Water Infrastructure Act of 2018, which was signed into law on October 23, 2018. The Waterworks District must provide certification of completion to the EPA by December 31, 2020.						
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EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Consultant Services	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Total	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
SOURCES OF FUNDING:						
Waterworks Repl. Fund	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Total	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2019-20 TO 2023-24

Project Title:	Well Rehabilitation Program	Operating Cost:
Project No:	CP76300008	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: Waterworks Replacement Fund

Project Description: This project is proposed to assess and rehabilitate two production wells and five groundwater wells to ensure reliability, longevity, and water quality. The production wells provide groundwater supplies to the Tapo Canyon Water Treatment Plant and to non-potable water customers. The groundwater wells maintain the level of groundwater in specific areas of the City to prevent surface water issues. The assessment would inspect all wells, review its construction, test the mechanical equipment, check the water quality, and rehabilitate the well. The data would be analyzed to determine the characteristics, condition, performance, and deterioration of each well, and equipment to recommend rehabilitation and maintenance measures. A well expert (hydrogeologist) may also be needed for analytical work and advice.

EXPENDITURE PLAN:	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
Consultant Services	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ 40,000
Construction	70,000	70,000	70,000	70,000	-	280,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ 320,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ 320,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ 320,000

The following projects are on-going, but are not requesting any new funding in the next five fiscal years.



Project Title:	Anderson Tank Abandonment	Operating Cost:
Project No:	CP76200006	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Neil Barnsdale	Source of Funds: Waterworks Operating Fund

Project Description: This project is proposed to remove the existing Anderson Tank. The tank is rusted and can be viewed from many homes in the area, and needs to be removed for safety, as well as aesthetics.



Project Title:	Crown Hill Drive Waterline	Operating Cost:
Project No:	CP76200005	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Jay Lukiewski	Source of Funds: Waterworks Capital Fund

Project Description: This proposed project would install 1,100 feet of pipeline in Crown Hill Drive to improve water service reliability to 27 properties. This proposed pipeline would parallel the existing pipeline to provide water service from the proposed new Crown Hill Tank. By installing the new pipeline, water service pressure would be improved to existing properties. This project was planned further in the future, however, the homeowners are planning to pave their private road. It would be less expensive and more cooperative to install the new waterline prior to the road pavement project. The plan is to complete the design by May 2018 and complete construction by October 2018.



Project Title:	Emergency Generators	Operating Cost:
Project No:	CP980322	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Robert Zastrow	Source of Funds: Waterworks Operating Fund

Project Description: Emergency generators that could be relocated to an area where needed. The mobile generators to be stationed at Smith Road, Station No. 2, and Station No. 3 Pump Stations.



Project Title:	Knolls Zone Water Facilities	Operating Cost:
Project No:	CP980320	First Year:
Lead Department:	Public Works	Subsequent Year: \$10,000
Project Manager:	Mansour Moradi	Source of Funds: Waterworks Capital Fund

Project Description: This project would design and construct a 1-million gallon water storage tank to increase fire storage to satisfy District standards and to provide water at a higher pressure to some higher elevation lots in the Knolls Pressure Zone. The tank will be located on property to be acquired in the Knolls Zone. The project also includes a pump station located at the Alta Vista Tank site and approximately 1,100 feet of 12-inch pipeline to supply water to the proposed tank.

Project Title:	Oak Knolls Pump Station	Operating Cost:
Project No:	CP76200001	First Year:
Lead Department:	Public Works	Subsequent Year: \$6,500
Project Manager:	Michael Kang	Source of Funds: Waterworks Capital Fund

Project Description: This project is proposed to upgrade the existing Oak Knolls Pump Station by replacing the single 380-gpm pump unit with two, 500-gpm pumps. The project will consist of construction of a new pump building, upgrading the electrical equipment, and reconnecting the existing piping to serve the relocated pumps. The pump station is the primary source of water supply for the Knolls (1404) Pressure zone and is more than 50 years old. Having two pumps will provide reliability for the Knolls Zone.

Project Title:	Small Tank Replacement	Operating Cost:
Project No:	CP980380	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: Waterworks Replacement Fund

Project Description: This project is proposed to replace Well 31 Tank, Well 32 Tank, Station No. 2 Tank, Station No. 3 Tank, and the Tapo Canyon Water Treatment Plant's Aerator Tank. All of these existing tanks are deteriorated beyond the point of repair. Replacing the tanks would improve reliability, prevent water wasting, and may help improve system water quality. Station No. 3 Tank and the Aerator Tank were completed in FY2016/17. Well 31 and 32 Tank are scheduled for FY2017/18 and Station No. 2 Tank is scheduled for FY2018/19.

Project Title:	Water Storage Mixing Systems	Operating Cost:
Project No:	CP980321	First Year: \$6,500
Lead Department:	Public Works	Subsequent Year: \$6,500
Project Manager:	Sarah Sheshebor	Source of Funds: Waterworks Capital Fund

Project Description: This project is proposed to purchase and install water-circulation systems in water storage tanks to reduce water quality degradation within the tanks. Past completed installations at eight water storage tanks have shown improvement to water quality and reduce water wasting. The Big Sky #2, Casual Court, Crosby, Flanagan, and Thornridge tanks systems are planned to be installed in FY2016/17. Big Sky #1, Madera #1, and Rocketdyne Tank systems are scheduled in FY2017/18. Stearns #2, Wood Ranch #1, and Wood Ranch #2 are planned for FY2018/19, which will likely complete the program.

Project Title:	Waterworks Financial Plan	Operating Cost:
Project No:	CP76200004	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Capital Fund

Project Description: The Waterworks Facilities Assessment and Cost of Service Evaluation would be updated to confirm prior findings and reprioritize project lists and cost projections based on current and expected conditions.

Project Title:	Waterworks SCADA System Upgrade	Operating Cost:
Project No:	CP980461	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Replacement Fund

Project Description: This project would upgrade and replace the SCADA system that Waterworks Operations relies upon. Replacing the SCADA system will maximize system reliability and operational efficiency. In addition, many software programs and components that interface with SCADA, will need to be updated, or replaced as well. Upgrading and enhancing technological systems is a recommendation of the recently adopted Efficiency Analysis of Waterworks Engineering and Operations.

GLOSSARY

Agency Funds

Also known as Fiduciary Fund Types, these funds are used to account for assets held by the City in a trustee capacity or as an agent for private individuals, organizations, or other governmental agencies.

Anticipated Under Expenditures

An amount that is used to reduce budgeted expenditure amounts to increase the accuracy of year-end fund balance projections.

Appropriation

An authorization made by the City Council that permits the City to incur obligations and to make expenditures. An appropriation is usually limited in amount and as to the time when it may be expended.

Assessed Valuation

A value established for real property for use as a basis in levying property taxes. Property taxes are collected by the County although they are governed by California State Law. The utility property tax roll is valued by the State Board of Equalization. To determine the amount of your taxes the County Assessor must first assess the value of your property. Generally, the assessed value is the cash or market value at the time of purchase. Proposition 13 states that increases in the assessed value are limited to no more than 2% per year until the property is sold, or any new construction is completed, at which time it must be reassessed. Personal property is excluded from these limitations, and is subject to annual reappraisal.

Audit

Prepared by an independent CPA, the primary objective of an audit is to determine if the City's Financial Statements present fairly the City's financial position and results of operations in conformity with GAAP. In conjunction with their performance of an audit, it is customary for an independent auditor to issue a Management Letter stating the adequacy of the City's internal controls as well as recommending improvements to the City's financial management practices.

Bonds

A form of borrowing (debt financing) that reflects a written promise from the City to repay a sum of money on a specific date at a specified interest rate. Bonds are used to finance large capital projects such as buildings, streets, utility infrastructure, and bridges.

Budget

A financial plan for a specified period of time that matches planned revenues and expenditures to municipal services. The City of Simi Valley uses a financial plan covering one fiscal year, with adjustments to budget appropriations made during the year if necessary.

Budget Message

Included in the opening section of the budget, the Budget Message provides the City Council and the public with a general summary of the most important aspects of the budget, changes from previous fiscal years, and the views and recommendation of the City Manager.

GLOSSARY

Budget and Fiscal Policies

General and specific guidelines adopted by the City Council that govern budget preparation and administration.

Capital Improvement Program (CIP)

A plan to provide for the maintenance or replacement of existing public facilities and assets, and for the construction or acquisition of new ones.

Capital Outlay

A budget appropriation category for equipment items.

Capital Improvement Funds

This fund type is used to account for financial resources used in the acquisition or construction of major capital facilities other than those financed by Proprietary Funds.

Certificates of Participation

Form of lease-purchase financing used to construct or acquire capital facilities and equipment.

Debt Service

Payments of principal and interest on borrowed funds such as bonds.

Debt Service Funds

This fund type is used to account for the payment and accumulation of resources related to general long-term debt principal and interest.

Deficit

An excess of expenditures or expenses over revenues.

Department

A major organizational unit of the City that has been assigned overall management responsibility for an operation or a group of related operations within a functional area.

Division

A group within a department that has responsibility for one or more program areas.

Enterprise Funds

These funds are used to account for operations that are: (a) financed and operated in a manner similar to private sector enterprises and it is the intent of the City that the costs (including depreciation) of providing goods or services to the general public be financed or recovered primarily through user charges; or (b) the City or an outside grantor agency has determined that a periodic determination of revenues earned, expenses, and net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes. Three enterprise funds have been established by the City: Sanitation, Waterworks, and Transit.

Expenditure

The outflow of funds paid or to be paid for an asset obtained or goods and services obtained regardless of when the expense is actually paid. This term applies to all funds. An encumbrance is not an expenditure; but rather it reserves funds to be expended at a later date.

GLOSSARY

Fiscal Year

The beginning and ending period for recording financial transactions. The City has specified July 1 to June 30 as its fiscal year.

Fund

An accounting entity that records all financial transactions for specific activities or government functions. The fund types used by the City are: General Fund, Special Revenue, Debt Service, Capital Project, Enterprise, and Internal Service and Agency Funds.

Fund Balance

Fund balance is the difference between assets and liabilities.

General Fund

The primary operating fund of the City, all revenues that are not allocated by law or contractual agreement to a specific fund are accounted for in the General Fund.

Goal

A statement of broad direction, purpose, or intent.

Grant

Contributions, gifts of cash, or other assets from another governmental entity to be used or expended for a specific purpose, activity, or facility. An example is the Community Development Block Grant provided by the Federal Government.

Internal Service Fund

An Internal Service Fund provides services to other City departments and bills the various other funds for services rendered, just as would private business. ISF's are self-supporting and only the expense by an ISF is counted in budget totals. Liability Insurance and Workers' Compensation Insurance are examples.

Municipal Code

A book that contains the City Council approved ordinances currently in effect. The Code defines City policy with respect to areas such as planning, etc.

Objective

A statement of specific direction, purpose, or intent based on the needs of the community and the goals established for a specific program.

OPEB

Other Post Employment Benefits such as retiree health and dental coverage provided by a state or local government and reported in accordance with GASB Statement No. 45.

Operating Budget

A budget for general expenditures such as salaries, utilities, and supplies.

GLOSSARY

Personnel Savings

Under the City's budgeting procedures, personnel cost projections are based on all positions being filled throughout the year. However, past experience indicates that personnel expenditures for salaries and benefits are consistently less than budgeted amounts, due at least in part to this costing methodology. Accordingly, the Personnel Savings account is used to account for this factor in preparing fund balance projections.

Public Financing Authority

A separate entity attached to the City that participates in public financing of city projects and activities.

Reserve

An account used to indicate that a portion of a fund's balance is restricted for a specific purpose and is, therefore, not available for general appropriation.

Revenue

Sources of income that finance the operations of government.

Special Revenue Funds

This fund type is used to account for the proceeds from specific revenue sources (other than trusts or major capital projects) that are legally restricted to expenditures for specific purposes.

Subventions

Revenues collected by the State (or other level of government), which are allocated to the City on a formula basis. The major subventions received by the City from the State of California include motor vehicle in-lieu, and gasoline taxes.

ACRONYMS & INITIALISMS

ADA

Americans with Disabilities Act

AFIS

Automated Fingerprint Identification System

ALD

Assistive Listening Device

AV

Audio/Visual

BNR

Biological Nutrient Removal

CAC

Simi Valley Cultural Arts Center

CAD

Computer-Aided Dispatch

CAFR

Comprehensive Annual Financial Report

CalPERS

California Public Employees Retirement System

CalRecycle

California Department of Resources, Recycling, and Recovery

CCA

Community Choice Aggregation

CDA

Simi Valley Community Development Successor Agency

CDBG

Federal Community Development Block Grants Program

CDLAC

California Debt Limit Allocation Committee

CEQA

California Environmental Quality Act

CERT

City Emergency Response Team

CHP

California Highway Patrol

CIP

Capital Improvement Program

CLETS

California Law Enforcement Telecommunications System

CMAQ

Congestion Mitigation Air Quality

CMP

Chemical Mechanical Polisher

CMU

Concrete Masonry Units

CMWD

Calleguas Municipal Water District

CNG

Compressed Natural Gas

COA

Simi Valley Council on Aging

CPA

Certified Public Accountant

CPR

Cardiopulmonary Resuscitation

CPI-U

Consumer Price Index for All Urban Consumers

CPS

Connector Pipe Screens

CRV

California Redemption Value

CSMFO

California Society of Municipal Finance Officers

DAFT

Dissolved Air Flotation Thickeners

DAR

Dial-A-Ride Service

DHS

Department of Homeland Security

DIVCA

California's Digital Infrastructure and Video Competition Act of 2006

DMV

California Department of Motor Vehicles

ACRONYMS & INITIALISMS (continued)

DSW

Disaster Service Worker

DUI

Driving Under the Influence

ECTA

East County Transit Alliance

EOC

Emergency Operations Center

EPA

Environmental Protection Agency

ERP

Enterprise Resources Planning System (City of Simi Valley Integrated Financial System)

ESCO

Energy Service Company

FEB

Flow Equalization Basin

FEMA

Federal Emergency Management Agency

FIS

Simi Valley Financial Information System

FTA

Federal Transit Administration

GAAP

Generally Accepted Accounting Principles

GASB

Governmental Accounting Standards Board

GEMS

GIS Emergency Management Mapping System

GFOA

Government Finance Officers Association

GIS

Geographic Information System

GPS

Global Positioning System

HCD

Housing and Community Development

HHW

Household Hazardous Waste

HUD

Federal Department of Housing and Urban Development

HVAC

Heating, Ventilation, and Air Conditioning

IBNR

Incurred-But-Not-Reported

ICS

Incident Command System

IGA

Investment Grade Audit

LED

Light Emitting Diode Technology

LIDAR

Light Detection and Ranging Technology

LMD

Landscape Maintenance District No. 1

LTF

Local Transportation Fund

MOU

Memorandum of Understanding

MPD

Master Plan of Drainage

MPR

Multi-Purpose Room

MS4

Municipal Separate Storm Sewer System

MUSTS

Municipal Unsafe Structure Tracking System

NABI

North American Bus Industry

NASSCO

National Association of Sewer Service Companies

NCIC

National Crime Information Center

NIMS

National Incident Management System

NPDES

National Pollutant Discharge Elimination System

OPR

Office of Planning and Research

ACRONYMS & INITIALISMS (continued)

OTS

Office of Traffic Safety

PA

Public Address

PBX

Private Branch Exchange

PCC

Portland Concrete Cement

PCI

Payment Card Industry

PEG

Public, Educational, and Governmental Funds

PEMHCA

Public Employees Medical and Hospital Care Act

PEP

Pretreatment Effluent Pumping

PLC

Programmable Logic Controllers

PMP

Pavement Management Program

POST

Police Officer Standardized Training

PPE

Personal Protective Equipment

PROS

Post Release Offender Supervision Program

PSC

Simi Valley Public Services Center

RADAR

Radio Detection and Ranging Technology

RAS

Reverse Activated Sludge

RFP

Request for Proposal

RHNA

Regional Housing Need Assessment & Allocation

RMS

Records Management System

RWQCB

Regional Water Quality Control Board

SAP

Fully Integrated Computer Business Software Program Used by the City of Simi Valley

SB

Senate Bill

SB90

State Mandated Cost Recovery

SCADA

Supervisory Control and Data Acquisition

SCBA

Self-Contained Breathing Apparatus

SCE

Southern California Edison

SCS

Sustainable Community Strategy

SEMS

Standardized Emergency Management System

SGR

State of Good Repair

SHO

Serious Habitual Offenders

SOU

Special Operations Unit

SRO

School Resource Officer

SSC

Schedule of Service Charges

SSMP

Sewer System Management Plan

SSO

Sanitary Sewer Overflow

SVMC

Simi Valley Municipal Code

SVPD

Simi Valley Police Department

SVT

Simi Valley Transit

SVTV

Simi Valley Television

SWAT

Special Weapons and Tactics

TMS

Transit Management System

ACRONYMS & INITIALISMS (continued)

UAL

Unfunded Accrued Liability

USEPA

United States Environmental Protection Agency

VCAS

Ventura County Animal Shelter

VCAT

Ventura County Combined Agency Task Force

VCTC

Ventura County Transportation Commission

VCWPD

Ventura County Watershed Protection District

VERSATERM

Integrated Police Systems Software

VoIP

Voice over Internet Protocol

WAN

Wide Area Network

WDR

Wastewater Discharge Requirements

WQCP

Water Quality Control Plant

YES

Youth Employment Services Program

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