Fiscal Year

2018-19

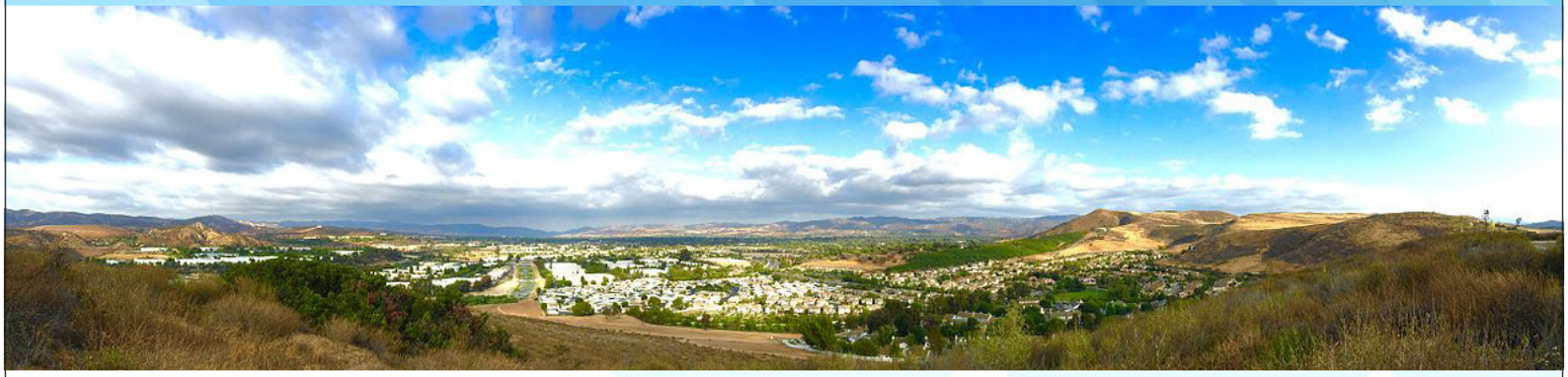
City of Simi Valley

PROPOSED FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

Fiscal Years 2018-19 to 2022-23

Fiscal Year

2018-19



City of Simi Valley

PROPOSED FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

Fiscal Years 2018-19 to 2022-23

Bob Huber, Mayor Glen T. Becerra, Mayor Pro Tem Mike judge, Council Member Keith L. Mashburn, Council Member Dee Dee Cavanaugh, Council Member

May 16, 2018

Dear Members of the City Council/Boards of Directors:

I am pleased to submit the Proposed Five-Year Capital Improvement Program (CIP) for FY 2018-19 to FY 2022-23. 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 the City Council with information regarding future capital project needs to be considered while deliberating the Proposed Budget for the upcoming fiscal year.

The CIP is submitted as a separate document to the Proposed Budget and contains detailed information, by project, regarding capital improvements proposed for financing in FY 2018-19. 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, proposed 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 sewerlines

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 101 projects at an estimated cost of $163,020,213 are contained in the Proposed CIP. Of that amount, *$48,491,813 was appropriated* in prior years. Funding for FY 2018-19, is proposed at $21,674,100. The balance of $92,854,300 is proposed by departments for funding in FY 2019-20 to FY 2022-23.

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 2018-19 Capital Improvement Program includes a major upgrade to the Headwaters Building and the associated equipment, as identified in the Asset Management Plan. The City is continuing to resurface residential streets throughout the city mostly by using State Transportation provided funding.

Notable projects and programs in FY 2018-19 are as follows:

- $2.1 million for municipal building and grounds projects, including replacement of carpeting and workstation reconfiguration at City Hall, and initial funding for the acquisition of city streetlights from Southern California Edison, and retrofitting to Light Emitting Diodes (LED) technology.

- Over $9 million in sanitation projects. $3.1 million for the upgrade of the Headworks building based on recommendations in the Asset Management Plan. Design work has already been started and construction is proposed to be completed by August 2020. There is also funding for over 8,000 feet of sewerline rehabilitation.

- Over $1 million in important technology upgrades which includes a new Enterprise Resource Planning (ERP) system to replace the City's outdated financial, HR, land management, and other critical business systems.

- $2.9 million in funding for resurfacing residential streets 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.

Ongoing Operating Expenses

The projected annual increase in operations and maintenance expense in FY 2018-19, as a result of projects scheduled for, or near, completion in FY 2018-19, is $278,400 with $271,900 from the General Fund and $6,500 from the Waterworks District. If all projects scheduled in the CIP are completed and put into service, that amount will increase to $674,900 per year. The following table identifies the anticipated cumulative increases in operating expenses by fund and fiscal year.

PROJECTED CUMULATIVE INCREASE IN OPERATING EXPENSES

Fund	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
General Fund	$ 271,900	$ 571,900	$ 571,900	$ 571,900	$ 571,900
Waterworks District Operating Fund	$ 6,500	$ 93,000	$ 103,000	$ 103,000	$ 103,000
Total Increase	**$ 278,400**	**$ 664,900**	**$ 674,900**	**$ 674,900**	**$ 674,900**

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 funds available for capital infrastructure needs in those enterprises. The Sanitation Fund is the largest funding source in this year's CIP.

Other alternative funding sources for capital projects include grants, development agreement funds, building improvement funds, bond proceeds, and Public, Educational, and Governmental (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 has been allocated $405,000 per year in Community Development Block Grants (CDBG) money for the annual minor street program. Development Agreement funds, collected from developers to contribute toward public facilities, is being used to pay for various facility and technology improvements.

Finally, contributions from Waste Management assist with 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 generally accepted accounting principles. 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 overexpenditures without proper authorization.

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

Summary

The Five-Year Capital Improvement Program for FY 2018-19 to FY 2022-23 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.

Projects requested for funding in FY 2018-19 are also contained in the Proposed Budget. The projected development costs, operating costs, and sources of funding for projects proposed for implementation during FY 2018-19 to 2022-23 are provided to assist the City Council/Boards of Directors in making informed budget decisions for FY 2018-19.

Eric J. Levitt
City Manager

THIS PAGE INTENTIONALLY LEFT BLANK

CITY OF SIMI VALLEY

CITY OF SIMI VALLEY

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY

	Fiscal Year						
Category	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Municipal Buildings and Grounds	$ 10,521,100	$ 2,135,700	$ 2,213,000	$ 853,000	$ 1,623,000	$ 673,000	$ 18,018,800
Sanitation	2,060,000	9,061,000	11,225,000	11,310,000	10,170,000	9,025,000	52,851,000
Technology	5,519,700	1,006,800	425,200	288,900	-	-	7,240,600
Transit	7,906,859	2,127,500	1,766,000	155,000	2,065,000	140,000	14,160,359
Streets and Roads	4,995,654	5,169,100	4,390,000	5,470,000	13,290,000	3,790,000	37,104,754
Waterworks	17,488,500	2,174,000	8,697,200	2,060,000	1,645,000	1,580,000	33,644,700
CITYWIDE TOTAL	$ 48,491,813	$ 21,674,100	$ 28,716,400	$ 20,136,900	$ 28,793,000	$ 15,208,000	$ 163,020,213

CITY OF SIMI VALLEY

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY AND PROJECT

	Fiscal Year						
Category/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Municipal Buildings and Grounds Projects							
Childrens Garden Project	$ 25,000	$ -	$ -	$ -	$ -	$ -	$ 25,000
City Facility Security Upgrades	960,000	-	-	-	-	-	960,000
City Hall PEG Facility Improvements	2,000,000	-	100,000	100,000	100,000	-	2,300,000
City Hall Renovations	2,024,500	262,500	-	-	-	-	2,287,000
Cultural Arts Center Repairs	215,000	215,000	330,000	20,000	40,000	-	820,000
Cultural Arts Center Production Studio	-	-	-	-	150,000	250,000	400,000
Development Services Building Improvements	864,700	-	-	-	-	-	864,700
LED Streetlights	-	1,000,000	-	-	-	-	1,000,000
Library Collections	225,200	225,200	228,000	228,000	228,000	228,000	1,362,400
Library Furnishings & Equipment	32,000	45,000	5,000	5,000	5,000	95,000	187,000
Police Training Facility	3,286,700	25,000	-	-	-	-	3,311,700
PSC Garage	-	60,000	-	-	-	-	60,000
Repairs and Upgrades to the Library	828,000	103,000	50,000	300,000	800,000	100,000	2,181,000
Senior Center Repairs and Upgrades	60,000	200,000	1,500,000	150,000	300,000	-	2,210,000
Senior Center PEG Enhancements	-	-	-	50,000	-	-	50,000
Total For Category	$ 10,521,100	$ 2,135,700	$ 2,213,000	$ 853,000	$ 1,623,000	$ 673,000	$ 18,018,800
Sanitation Projects							
10-12" Sewerline Rehabilitation	$ 100,000	$ -	$ 970,000	$ -	$ -	$ -	$ 1,070,000
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

CITY OF SIMI VALLEY

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY AND PROJECT

	Fiscal Year						
Category/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Sanitation Projects (continued)							
14-36" Sewerline Rehabilitation	$ -	$ -	$ -	$ 50,000	$ 1,700,000	$ -	$ 1,750,000
Annual Sewerline Assessment	-	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 Mixer Replacement	-	650,000	-	-	-	-	650,000
BNR PLC and SCADA Upgrades	-	65,000	-	-	-	-	65,000
BNR West Recycle Pump 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
Digesters Rehabilitation Project	660,000	-	3,550,000	-	-	-	4,210,000
Easy Street & Arroyo Simi Sewer Rehabilitation	-	-	-	40,000	470,000	-	510,000
Electrical Conveyance Replacement	-	-	-	-	200,000	1,800,000	2,000,000
FEB & Primary Sludge Pump Replacement	-	336,000	-	-	-	-	336,000
Filter Equipment Replacement	-	200,000	2,025,000	-	-	-	2,225,000
First/Fifth/Royal/Ventura Sewerline	-	50,000	2,480,000	2,480,000	-	-	5,010,000
Grit Removal System Rehabilitation	-	-	150,000	750,000	-	-	900,000
Grit Pumps Replacement	-	-	200,000	-	-	-	200,000
Headworks Building Upgrade	625,000	3,150,000	-	-	-	-	3,775,000
Justin Avenue Sewerline Rehabilitation	-	-	-	-	450,000	-	450,000
LA Ave (Erringer-Crater) Sewerline Rehabiliation	75,000	-	-	2,100,000	2,100,000	2,100,000	6,375,000
Laboratory Hoods Replacement	-	-	-	100,000	-	-	100,000

CITY OF SIMI VALLEY

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY AND PROJECT

	Fiscal Year						
Category/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Sanitation Projects (continued)							
Primary Clarifier Rehabilitation	-	-	-	-	150,000	1,350,000	1,500,000
Rosalie and Tracy Sewerline Rehabilitation	-	-	-	-	650,000	-	650,000
Royal (Crosby-Fair) Sewerline Rehabilitation	50,000	1,780,000	-	-	-	-	1,830,000
Royal (Pride-Erringer) Sewerline Rehabilitation	-	-	200,000	2,790,000	-	-	2,990,000
Royal Ave-Stow Sewerline Rehabilitation	-	-	-	-	550,000	-	550,000
Secondary Clarifier/RAS Pump Replacement	200,000	100,000	1,000,000	1,700,000	-	-	3,000,000
Strathearn Place-Arroyo Simi Sewerline Rehabilitation	50,000	2,480,000	-	-	-	-	2,530,000
Water Quality Control Plant (WQCP) Road Paving	300,000	150,000	150,000	150,000	150,000	-	900,000
Total For Category	$ 2,060,000	$ 9,061,000	$ 11,225,000	$ 11,310,000	$ 10,170,000	$ 9,025,000	$ 52,851,000
Streets and Roads Projects							
Annual Major Street Rehabilitation Program	ONGOING	$ -	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 4,800,000
Annual Minor Street Overlay Program	ONGOING	825,000	1,650,000	1,650,000	1,650,000	1,650,000	7,425,000
Annual Minor Street Overlay Program - SB1	-	2,114,100	-	-	-	-	2,114,100
Barnard St. Bridge Rehabilitation	-	-	330,000	-	-	-	330,000
Bicycle and Pedestrian Facilities	ONGOING	-	120,000	120,000	120,000	120,000	480,000
Dewatering Wells Rehabilitation	170,000	-	120,000	120,000	120,000	120,000	650,000
Highway Safety Improvement Program	347,000	-	50,000	50,000	50,000	50,000	547,000
Landscape Beautification	480,000	80,000	80,000	80,000	80,000	80,000	880,000
LA Avenue Bridge W of First St	-	-	-	1,700,000	9,510,000	-	11,210,000

CITY OF SIMI VALLEY

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY AND PROJECT

	Fiscal Year						
Category/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Streets and Roads Projects (continued)							
Madera Rd Bridge Rehab South of the 118	-	420,000	-	-	-	-	420,000
Storm Drain Improvements	-	-	200,000	200,000	200,000	200,000	800,000
Tapo Street Road/Drainage Improvements	-	-	300,000	-	-	-	300,000
Traffic Signal Synchronization	ON GOING	-	150,000	150,000	150,000	150,000	600,000
Upgrades to Traffic Signals	131,354	180,000	190,000	200,000	210,000	220,000	1,131,354
West LA Widening (PSC - Los Alamos Canyon Creek)	3,867,300	1,550,000	-	-	-	-	5,417,300
Total For Category	$ 4,995,654	$ 5,169,100	$ 4,390,000	$ 5,470,000	$ 13,290,000	$ 3,790,000	$ 37,104,754
Technology Projects							
Financial Information System Replacement	$ 3,519,700	$ 1,006,800	$ 425,200	$ 288,900	$ -	$ -	$ 5,240,600
City Telephone System Replacement	2,000,000	-	-	-	-	-	2,000,000
Total For Category	$ 5,519,700	$ 1,006,800	$ 425,200	$ 288,900	$ -	$ -	$ 7,240,600
Transit Projects							
Bus Stop Improvements	$ 39,859	$ -	$ -	$ -	$ -	$ -	$ 39,859
CNG Fueling Station Upgrade	1,324,700	-	-	-	-	-	1,324,700
Fare Box Upgrades	85,500	-	-	-	-	-	85,500
Fixed-Route Vehicle Replacements	5,086,000	-	1,250,000	-	1,875,000	-	8,211,000
Paratransit Dispatching System	86,700	45,000	-	-	-	-	131,700
Short Range Transit Plan Projects	-	1,837,700	-	-	-	-	1,837,700
Transit Maintenance Facility Expansion	370,400	-	-	-	-	-	370,400

CITY OF SIMI VALLEY

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY AND PROJECT

	Fiscal Year						
Category/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Transit Projects (continued)							
Transit Management System	425,000	80,000	80,000	80,000	80,000	80,000	825,000
Transportation Development Act Projects	393,700	164,800	436,000	75,000	110,000	60,000	1,239,500
Voice Announcement System	95,000	-	-	-	-	-	95,000
Total For Category	$ 7,906,859	$ 2,127,500	$ 1,766,000	$ 155,000	$ 2,065,000	$ 140,000	$ 14,160,359
Waterworks District Projects							
Anderson Tank Abandonment	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
Crown Hill Drive Waterline	-	200,000	-	-	-	-	200,000
District Telemetry Systems	200,000	100,000	100,000	100,000	100,000	100,000	700,000
Knolls Zone Water Facilities	2,128,700	-	-	-	-	-	2,128,700
Landscape, Fencing, Noise Barrier	20,000	44,000	10,000	10,000	10,000	10,000	104,000.00
Main Line Valve Replacement	250,000	-	125,000	125,000	125,000	125,000	750,000.00
New Well in Gillibrand Basin	120,000	-	987,200	-	-	-	1,107,200
Oak Knolls Pump Station Upgrade	390,000	-	-	-	-	-	390,000
Painting of Water Facilities	120,000	60,000	60,000	60,000	60,000	60,000	420,000
Paving & Slurry Seal at Tank Sites	50,000	30,000	25,000	25,000	25,000	25,000	180,000
Purchased Recycled Water Facilities	-	-	2,000,000	-	-	-	2,000,000
Recycled Water Projects	9,719,800	-	-	-	-	-	9,719,800

CITY OF SIMI VALLEY

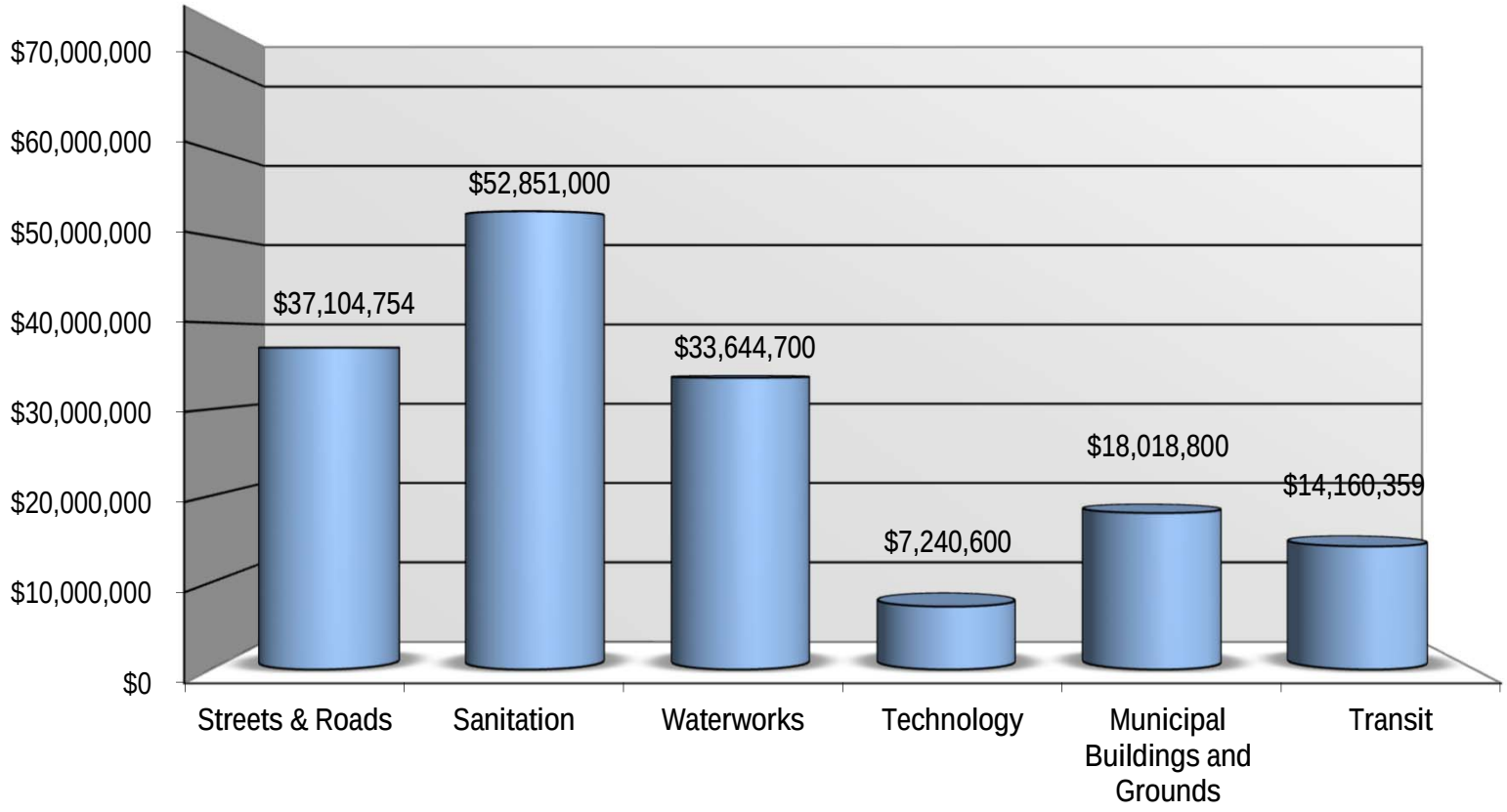
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY CATEGORY AND PROJECT

	Fiscal Year						
Category/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Waterworks District Projects (continued)							
Refurbishment/Install District Pumping	110,000	55,000	55,000	55,000	55,000	55,000	385,000
Simi Valley Groundwater Basin	600,000	200,000	3,100,000	-	-	-	3,900,000
Small Tank Replacements	755,000	300,000	-	-	-	-	1,055,000
Tank Recoating and Repair Program	160,000	400,000	530,000	480,000	125,000	-	1,695,000
Valve Box Replacement	30,000	15,000	15,000	15,000	15,000	15,000	105,000
Vulnerability Assessment Upgrades	120,000	70,000	60,000	60,000	-	60,000	370,000
Walnut Avenue Pump Station	60,000	-	500,000	-		-	560,000
Water Line Replacement - Box Canyon	295,000	-	-	-	-	-	295,000
Water Line Replacement in LaGross Way	160,000	-	-	-	-	-	160,000
Water Main Replacement Program	1,100,000	-	1,050,000	1,050,000	1,050,000	1,050,000	5,300,000
Water Storage Mixing Systems	360,000	155,000	-	-	-	-	515,000
Waterworks Financial Plan Update	-	100,000	-	-	-	-	100,000
Waterworks SCADA System Upgrade	500,000	300,000	-	-	-	-	800,000
Well Rehabilitation	240,000	80,000	80,000	80,000	80,000	80,000	640,000
Total For Category	$ 17,488,500	$ 2,174,000	$ 8,697,200	$ 2,060,000	$ 1,645,000	$ 1,580,000	$ 33,644,700
CITYWIDE TOTAL	$ 48,491,813	$ 21,674,100	$ 28,716,400	$ 20,136,900	$ 28,793,000	$ 15,208,000	$ 163,020,213

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PLAN
SUMMARY BY CATEGORY
$163,020,213



CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
General Fund (100)							
Annual Major Street Rehabilitation Program	ON GOING	$ -	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 4,000,000
Annual Minor Street Overlay Program	ON GOING	300,000	1,330,000	1,330,000	1,330,000	1,330,000	5,620,000
Barnard St. Bridge Rehabilitation	-	-	39,000	-	-	-	39,000
Bicycle and Pedestrian Facilities	ON GOING	-	60,000	60,000	60,000	60,000	240,000
City Hall Renovations	125,000	50,000	-	-	-	-	175,000
Dewatering Wells Rehabilitation	170,000	-	120,000	120,000	120,000	120,000	650,000
Financial Information System Replacement	198,500	-	186,500	162,800	-	-	547,800
Highway Safety Improvement Program	79,000	-	50,000	50,000	50,000	50,000	279,000
Los Angeles Avenue Bridge West of First Street	-	-	-	195,000	1,090,800	-	1,285,800
Storm Drain Improvements	-	-	200,000	200,000	200,000	200,000	800,000
Tapo Street Road & Drainage Improvements	-	-	300,000	-	-	-	300,000
Traffic Signal Synchronization	ON GOING	-	150,000	150,000	150,000	150,000	600,000
Traffic Signal Updates	131,354	180,000	190,000	200,000	210,000	220,000	1,131,354
West of LA Widening (PSC - Los Alamos Canyon Creek)	190,000	150,000	-	-	-	-	340,000
Total For Fund	$ 893,854	$ 680,000	$ 3,625,500	$ 3,467,800	$ 4,210,800	$ 3,130,000	$ 16,007,954
Bicycle Lanes Fund (233)							
Bicycle and Pedestrian Facilities	ON GOING	$ -	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 240,000
Total For Fund	$ -	$ -	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 240,000
Economic Development Fund (270)							
LED Streetlight Project	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
Total For Fund	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Building Improvement Fund (655)							
City Facility Security Upgrades	$ 813,000	$ -	$ -	$ -	$ -	$ -	$ 813,000
City Hall Renovations	-	102,500	-	-	-	-	102,500
Development Services Building	864,700	-	-	-	-	-	864,700
Total For Fund	$ 1,677,700	$ 102,500	$ -	$ -	$ -	$ -	$ 1,780,200
Community Development Block Grant (290)							
Annual Minor Street Overlay Program	ONGOING	$ 405,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,205,000
Total For Fund	ON GOING	$ 405,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,205,000
Computer Equipment Replacement Fund (648)							
Financial Information System Replacement	$ 200,000	$ 57,000	$ 100,000	$ -	$ -	$ -	$ 357,000
Total For Fund	$ 200,000	$ 57,000	$ 100,000	$ -	$ -	$ -	$ 357,000
Contributions and Loans							
Children's Garden Project	$ 5,000	$ -	$ -	$ -	$ -	$ -	$ 5,000
Landscape Beautification Projects	480,000	80,000	80,000	80,000	80,000	80,000	880,000
Police Training Facility	300,100	75,000	75,000	75,000	75,000	75,000	675,100
Recycled Water Projects	3,982,800	-	-	-	-	-	3,982,800
Total For Fund	$ 4,767,900	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 5,542,900

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
County/State/Federal Funds (various)							
Annual Minor Street Overlay Program - SB1	ON GOING	$ 2,114,100	$ -	$ -	$ -	$ -	$ 2,114,100
Barnard St. Bridge Rehabilitation	-	-	291,000	-	-	-	291,000
Bus Stop Improvements	39,859	-	-	-	-	-	39,859
Children's Garden Project	20,000	-	-	-	-	-	20,000
CNG Fueling Station Upgrade	1,324,700	-	-	-	-	-	1,324,700
Fare Box Upgrades	85,500	-	-	-	-	-	85,500
Fixed-Route Bus Replacements	5,086,000	-	1,250,000	-	1,875,000	-	8,211,000
Highway Safety Improvement Program	268,000	-	-	-	-	-	268,000
Los Angeles Avenue Bridge West of First Street	-	-	-	1,505,000	8,419,200	-	9,924,200
Madera Rd Bridge Rehab south of 118	-	372,000	-	-	-	-	372,000
Paratransit Dispatching System	86,700	45,000	-	-	-	-	131,700
Recycled Water Projects	3,000,000						3,000,000
Short Range Transit Plan Projects	-	1,837,700	-	-	-	-	1,837,700
Transit Maintenance Facility Expansion	370,400	-	-	-	-	-	370,400
Transit Management System	425,000	80,000	80,000	80,000	80,000	80,000	825,000
Transportation Development Act Projects	393,700	164,800	436,000	75,000	110,000	60,000	1,239,500
Voice Announcement System	95,000	-	-	-	-	-	95,000
West LA Ave. Wdng (PSC - Los Alamos Canyon Creek)	3,677,300	1,400,000	-	-	-	-	5,077,300
Total For Fund	$ 14,872,159	$ 6,013,600	$ 2,057,000	$ 1,660,000	$ 10,484,200	$ 140,000	$ 35,226,959

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Development Agreement Fund (262)							
City Hall Renovations	$ 1,899,500	$ 60,000	$ -	$ -	$ -	$ -	$ 1,959,500
City Telephone System Replacement	300,000	-	-	-	-	-	300,000
Cultural Arts Center Repairs	215,000	215,000	330,000	20,000	40,000	-	820,000
Financial Information System Replacement	2,549,300	503,400	-	-	-	-	3,052,700
Police Training Facility	1,686,600	`	-	-	-	-	1,686,600
PSC Garage & Office Facility	-	20,000	-	-	-	-	20,000
Senior Center Repairs and Upgrades	60,000	200,000	1,500,000	150,000	300,000	-	2,210,000
Total For Fund	$ 6,710,400	$ 998,400	$ 1,830,000	$ 170,000	$ 340,000	$ -	$ 10,048,800
Forfeited Assets Fund (280)							
Police Training Facility	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
Total For Fund	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
GIS Capital Fund (649)							
Financial Information System Replacement	$ 1,588,100	$ 322,900	$ -	$ -	$ -	$ -	$ 1,911,000
Total For Fund	$ 1,588,100	$ 322,900	$ -	$ -	$ -	$ -	$ 1,911,000
Library Fund (250)							
Library Collections	$ 225,200	$ 225,200	$ 228,000	$ 228,000	$ 228,000	$ 228,000	$ 1,362,400
Library Furnishings & Equipment	32,000	45,000	5,000	5,000	5,000	95,000	187,000
Repairs and Upgrades to the Library	828,000	103,000	50,000	300,000	800,000	100,000	2,181,000
Total For Fund	$ 1,085,200	$ 373,200	$ 283,000	$ 533,000	$ 1,033,000	$ 423,000	$ 3,730,400

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Proceeds of Capital/Revenue Financing							
City Telephone System Replacement	$ 1,600,000	$ -	$ -	$ -	$ -	$ -	$ 1,600,000
Total For Fund	$ 1,600,000	$ -	$ -	$ -	$ -	$ -	$ 1,600,000
Public Education and Government (PEG) Funds (214)							
City Hall PEG Facility Improvements	$ 2,000,000	$ -	$ 100,000	$ 100,000	$ 100,000	$ -	$ 2,300,000
Cultural Arts Center Production Studio	-	-	-	-	150,000	250,000	400,000
Senior Center PEG Enhancements	-	-	-	50,000	-	-	50,000
Total For Fund	$ 2,000,000	$ -	$ 100,000	$ 150,000	$ 250,000	$ 250,000	$ 2,750,000
Sanitation Operating Fund (700)							
Annual Major Street Rehabilitation Program	ON GOING	$ -	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 400,000
Annual Minor Street Overlay Program	ON GOING	60,000	60,000	60,000	60,000	60,000	300,000
City Facility Security Upgrades	67,000	-	-	-	-	-	67,000
City Hall Renovations	-	25,000	-	-	-	-	25,000
City Telephone System	34,000	-	-	-	-	-	34,000
Financial Information System Replacement	139,300	47,490	51,600	47,400	-	-	285,790
PSC Garage & Office Facility	-	20,000	-	-	-	-	20,000
Total For Fund	$ 240,300	$ 152,490	$ 211,600	$ 207,400	$ 160,000	$ 160,000	$ 1,131,790
Sanitation Replacement Reserve Fund (702)							
14-36" Sewerline Rehabilitation	$ -	$ -	$ -	$ 50,000	$ 1,700,000	$ -	$ 1,750,000
Annual Sewerline Assessment	-	100,000	100,000	100,000	100,000	100,000	500,000
Arroyo Lift Station Rehabilitation	-	-	90,000	-	-	-	90,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Sanitation Replacement Reserve Fund (702) (continued)							
10-12" Sewerline Rehabilitation	$ 100,000	$ -	$ 970,000	$ -	$ -	$ -	$ 1,070,000
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 Blowers Rebuild	-	-	-	-	1,500,000	-	1,500,000
BNR Mixer Replacement	-	650,000	-	-	-	-	650,000
BNR PLC and SCADA Upgrades	-	65,000	-	-	-	-	65,000
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
Digesters Rehabilitation Project	660,000	-	3,550,000	-	-	-	4,210,000
Easy Street and Arroyo Simi Sewer Rehabilitation	-	-	-	40,000	470,000	-	510,000
Electrical Conveyance Replacement	-	-	-	-	200,000	1,800,000	2,000,000
FEB & Primary Sludge Pump Replacement	-	336,000	-	-	-	-	336,000
Filter Equipment Replacement	-	200,000	2,025,000	-	-	-	2,225,000
First/Fifth/Royal/Ventura Sewerline	-	50,000	2,480,000	2,480,000	-	-	5,010,000
Grit Pumps Replacement	-	-	200,000	-	-	-	200,000
Grit Removal System Rehabilitation	-	-	150,000	750,000	-	-	900,000
Headworks Building Upgrade	625,000	3,150,000	-	-	-	-	3,775,000
Justin Avenue Sewerline Rehabilitation	-	-	-	-	450,000	-	450,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	75,000	-	-	2,100,000	2,100,000	2,100,000	6,375,000
Laboratory Hoods Replacement	-	-	-	100,000	-	-	100,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Sanitation Replacement Reserve Fund (702) (continued)							
Primary Clarifier Rehabilitation	$ -	$ -	$ -	$ -	$ 150,000	$ 1,350,000	$ 1,500,000
Rosalie Street and Tracy Ave. Sewerline Rehabilitation	-	-	-	-	650,000	-	650,000
Royal Avenue (Crosby-Fair) Sewerline Rehabilitation	50,000	1,780,000	-	-	-	-	1,830,000
Royal Ave. (Pride - Erringer) Sewerline Rehabilitation	-	-	200,000	2,790,000	-	-	2,990,000
Royal Avenue, Stow Sewerline Rehabilitation	-	-	-	-	550,000	-	550,000
Secondary Clarifier/RAS Pump Replacement	200,000	100,000	1,000,000	1,700,000	-	-	3,000,000
Strathearn Place-Arroyo Simi Sewerline Rehabilitation	50,000	2,480,000	-	-	-	-	2,530,000
Water Quality Control Plant Road Paving	300,000	150,000	150,000	150,000	150,000	-	900,000
Total For Fund	$ 2,060,000	$ 9,061,000	$ 11,225,000	$ 11,310,000	$ 10,170,000	$ 9,025,000	$ 52,851,000
Traffic Impact Fees Fund (263)							
Madera Rd Bridge Rehab South of the 118	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ 48,000
Total For Fund	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ 48,000
Transit Fund (750)							
City Facility Security Upgrades	$ 80,000	$ -	$ -	$ -	$ -	$ -	$ 80,000
City Telephone System Replacement	33,000		-	-	-	-	33,000
Financial Information System Replacement	76,400	28,494	34,000	29,800	-	-	168,694
Total For Fund	$ 189,400	$ 28,494	$ 34,000	$ 29,800	$ -	$ -	$ 281,694

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

PROGRAM SUMMARY BY FUND AND PROJECT

	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Waterworks Operating Fund (761)							
Annual Major Street Rehabilitation Program	ON GOING	$ -	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 400,000
Annual Minor Street Overlay Program	ON GOING	60,000	60,000	60,000	60,000	60,000	300,000
City Hall Renovations	-	25,000	-	-	-	-	25,000
City Telephone System Replacement	33,000	-	-	-	-	-	33,000
Financial Information System Replacement	146,600	47,490	53,100	48,900	-	-	296,090
PSC Garage & Office Facility	-	20,000	-	-	-	-	20,000
Total For Fund	$ 179,600	$ 152,490	$ 213,100	$ 208,900	$ 160,000	$ 160,000	$ 1,074,090
Waterworks Capital Fund (762)							
WW Financial Plan Update	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
Crown Hill Drive Waterline	-	200,000	-	-	-	-	$ 200,000
New Well in Gillibrand Basin	120,000	-	987,200	-	-	-	$ 1,107,200
Purchase Recycled Water Facilities	-	-	2,000,000	-	-	-	$ 2,000,000
Simi Valley Groundwater Basin	600,000	200,000	3,100,000	-	-	-	$ 3,900,000
Water Storage Mixing Systems	360,000	155,000	-	-	-	-	$ 515,000
Oak Knolls Pump Station Upgrade	390,000	-	-	-	-	-	$ 390,000
Knolls Zone Water Facilities	2,128,700	-	-	-	-	-	$ 2,128,700
Total For Fund	$ 3,598,700	$ 655,000	$ 6,087,200	$ -	$ -	$ -	$ 10,340,900

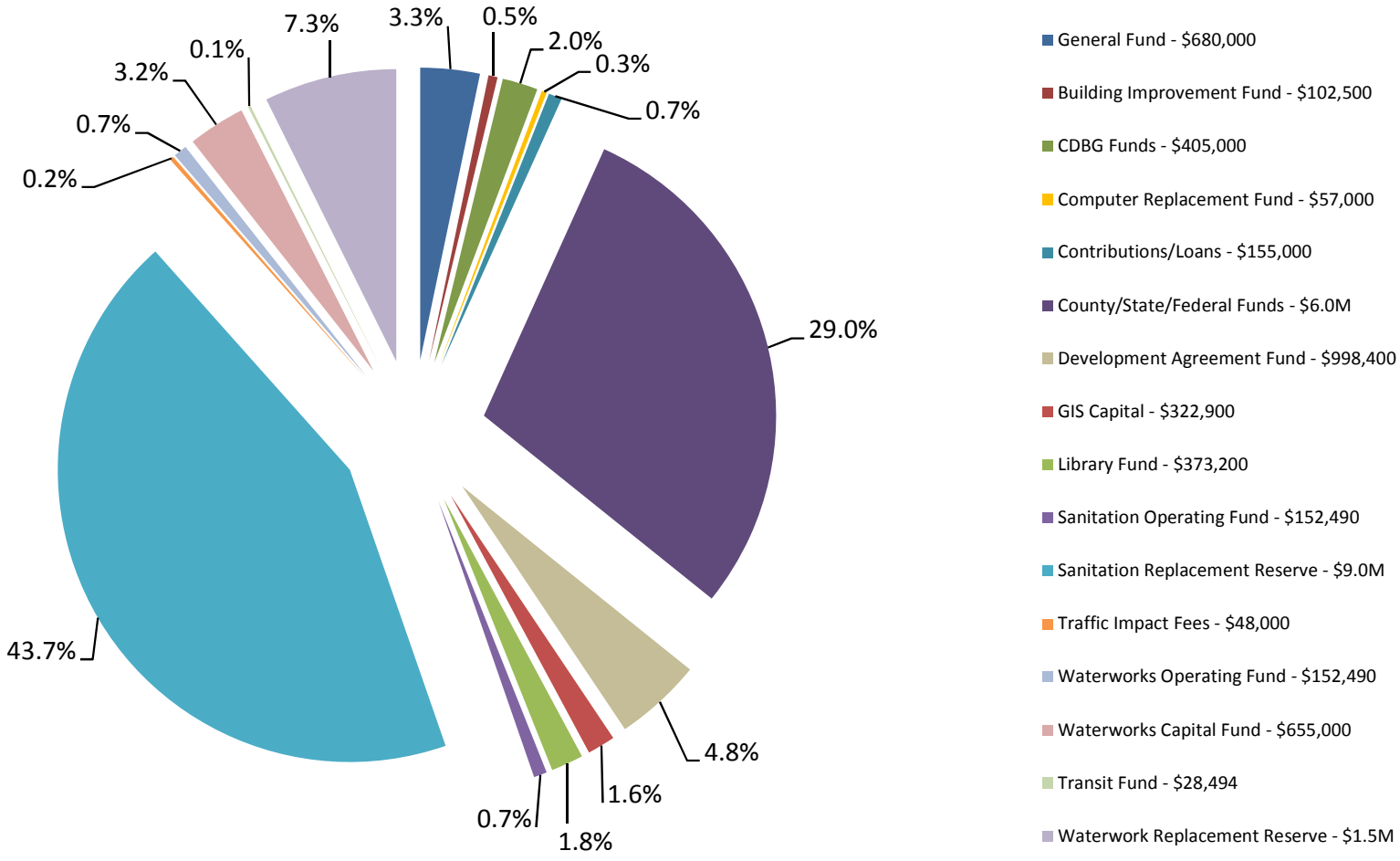
CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2018-19 TO 2022-23

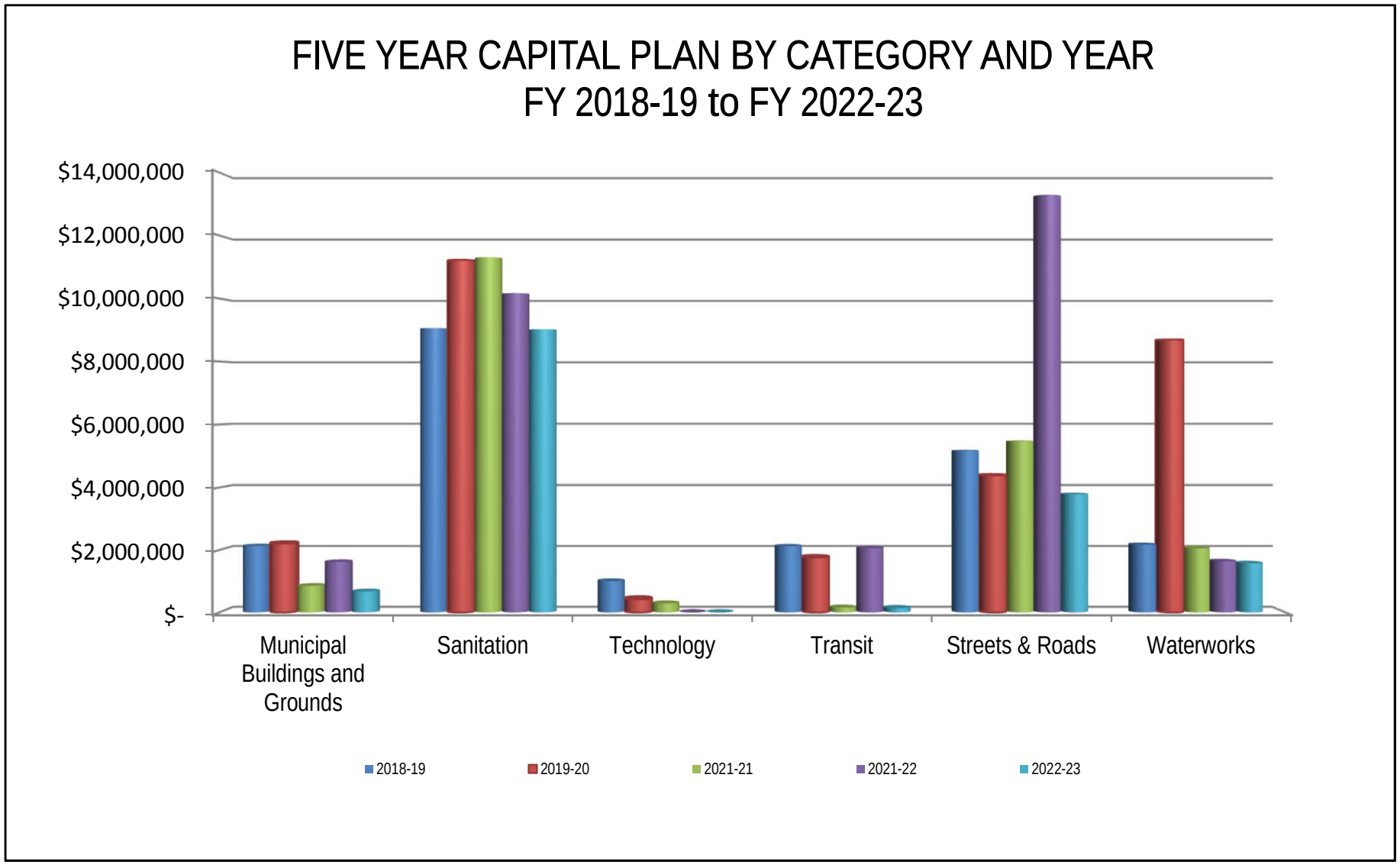
PROGRAM SUMMARY BY FUND AND PROJECT

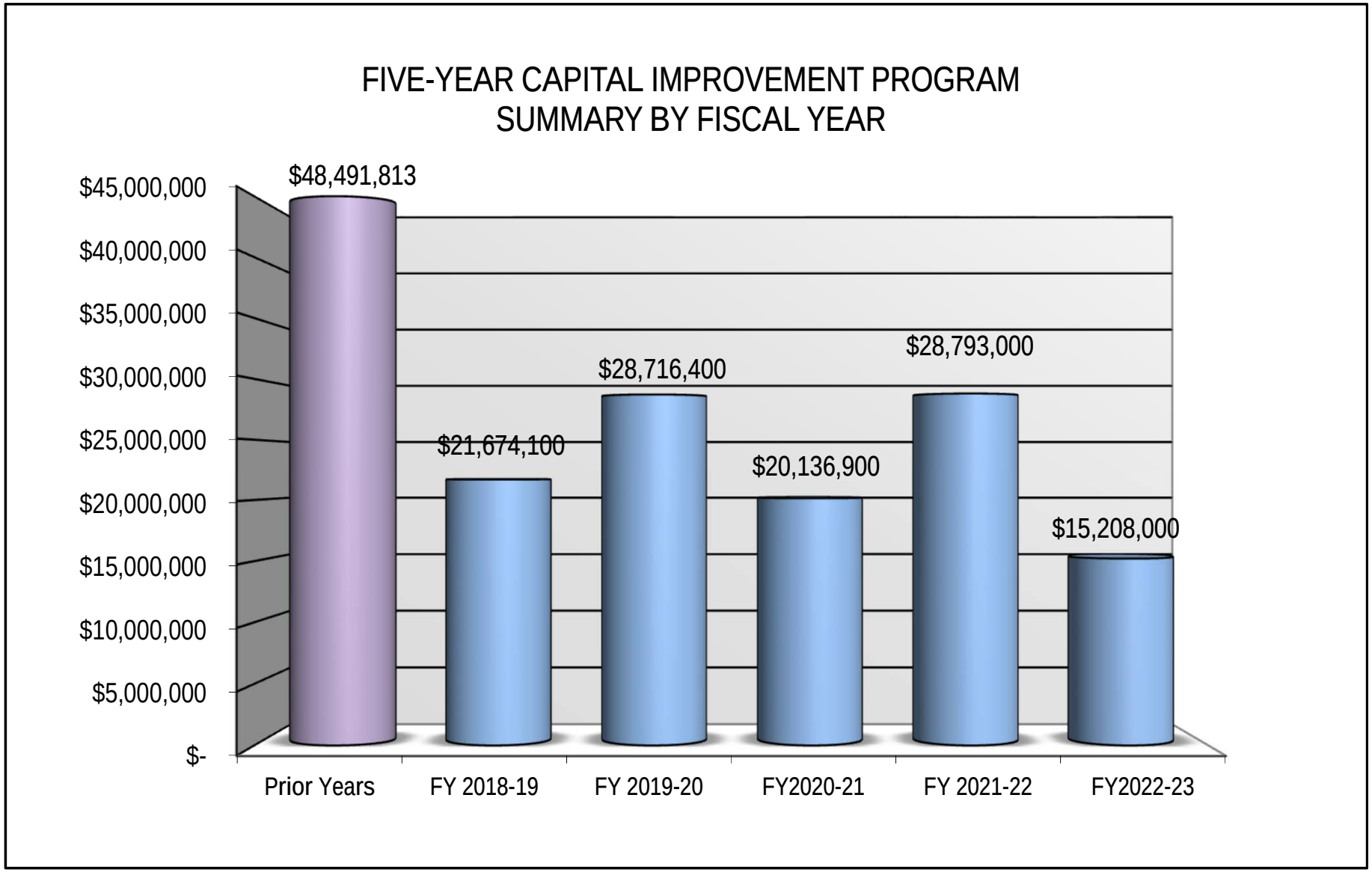
	Fiscal Year						
Fund/Fund Number/Project	**Prior Years**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**Total**
Waterworks Replacement Reserve Fund (763)							
Anderson Tank Abandonment	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
Tank Recoat and Repair Program	160,000	400,000	530,000	480,000	125,000	-	1,695,000
Main Line Valve Replacement	250,000	-	125,000	125,000	125,000	125,000	750,000
Paving & Slurry Seal at Tank Sites	50,000	30,000	25,000	25,000	25,000	25,000	180,000
Landscape, Fencing, Noise Barrier	20,000	44,000	10,000	10,000	10,000	10,000	104,000
Painting of Water Facilities	120,000	60,000	60,000	60,000	60,000	60,000	420,000
Refurbishment/Install District Pumping Facitlities	110,000	55,000	55,000	55,000	55,000	55,000	385,000
Valve Box Replacement	30,000	15,000	15,000	15,000	15,000	15,000	105,000
District Telemetry Systems	200,000	100,000	100,000	100,000	100,000	100,000	700,000
Vulnerability Assessment Upgrades	120,000	70,000	60,000	60,000	-	60,000	370,000
Waterworks SCADA System Upgrade	500,000	300,000	-	-	-	-	800,000
Small Tank Replacement	755,000	300,000	-	-	-	-	1,055,000
Water Main Replacement Program	1,100,000	-	1,050,000	1,050,000	1,050,000	1,050,000	5,300,000
Walnut Avenue Pump Station	60,000	-	500,000	-	-	-	560,000
Well Rebabilitation Program	240,000	80,000	80,000	80,000	80,000	80,000	640,000
Water Line Repl. - La Gross Way	160,000	-	-	-	-	-	160,000
Recycled Water Projects	2,737,000	-	-	-	-	-	2,737,000
Water Line Replacement - Box Canyon	295,000	-	-	-	-	-	295,000
Total For Fund	$ 6,907,000	$ 1,519,000	$ 2,610,000	$ 2,060,000	$ 1,645,000	$ 1,580,000	$ 16,321,000
CITYWIDE TOTAL	$ 50,570,313	$ 20,724,074	$ 28,791,400	$ 20,211,900	$ 28,868,000	$ 15,283,000	$ 164,448,687

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

FY18-19 Capital Improvement Program
Funding Sources




FIVE YEAR CAPITAL PLAN BY CATEGORY AND YEAR
FY 2018-19 to FY 2022-23
$14,000,000
$12,000,000
$10,000,000
$8,000,000
$6,000,000
$4,000,000
$2,000,000
$-
Municipal Buildings and Grounds
Sanitation
Technology
Transit
Streets & Roads
Waterworks
2018-19
2019-20
2021-21
2021-22
2022-23

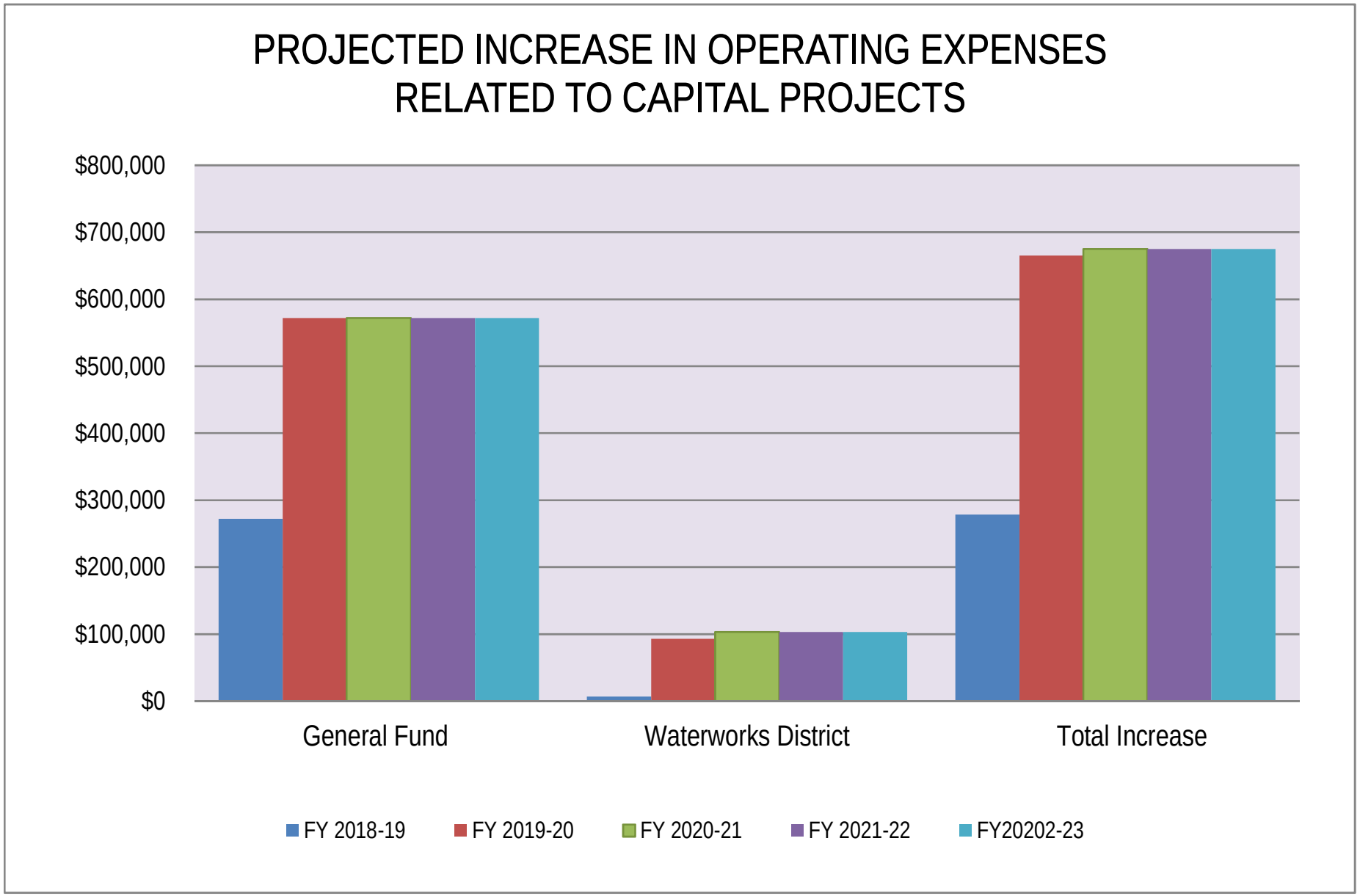

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY FISCAL YEAR
$45,000,000
$40,000,000
$35,000,000
$30,000,000
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$-
$48,491,813
$21,674,100
$28,716,400
$20,136,900
$28,793,000
$15,208,000
Prior Years
FY 2018-19
FY 2019-20
FY2020-21
FY 2021-22
FY2022-23

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2018-19 TO 2022-23
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 2018-19 through 2022-23. 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.

	Fiscal Year				
Fund/Project	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**
General Fund					
City Telephone System Replacement	$ -	$ 300,000	$ 300,000	$ 300,000	$ 300,000
Development Services Building Improvements	5,000	5,000	5,000	5,000	5,000
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	$ 271,900	$ 571,900	$ 571,900	$ 571,900	$ 571,900
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
Recycled Water Projects	-	70,000	70,000	70,000	70,000
Walnut Avenue Pump Station	-	-	10,000	10,000	10,000
Water Storage Mixing Systems	6,500	6,500	6,500	6,500	6,500
Total Waterworks Fund	$ 6,500	$ 93,000	$ 103,000	$ 103,000	$ 103,000
CITYWIDE TOTAL	$ 278,400	$ 664,900	$ 674,900	$ 674,900	$ 674,900

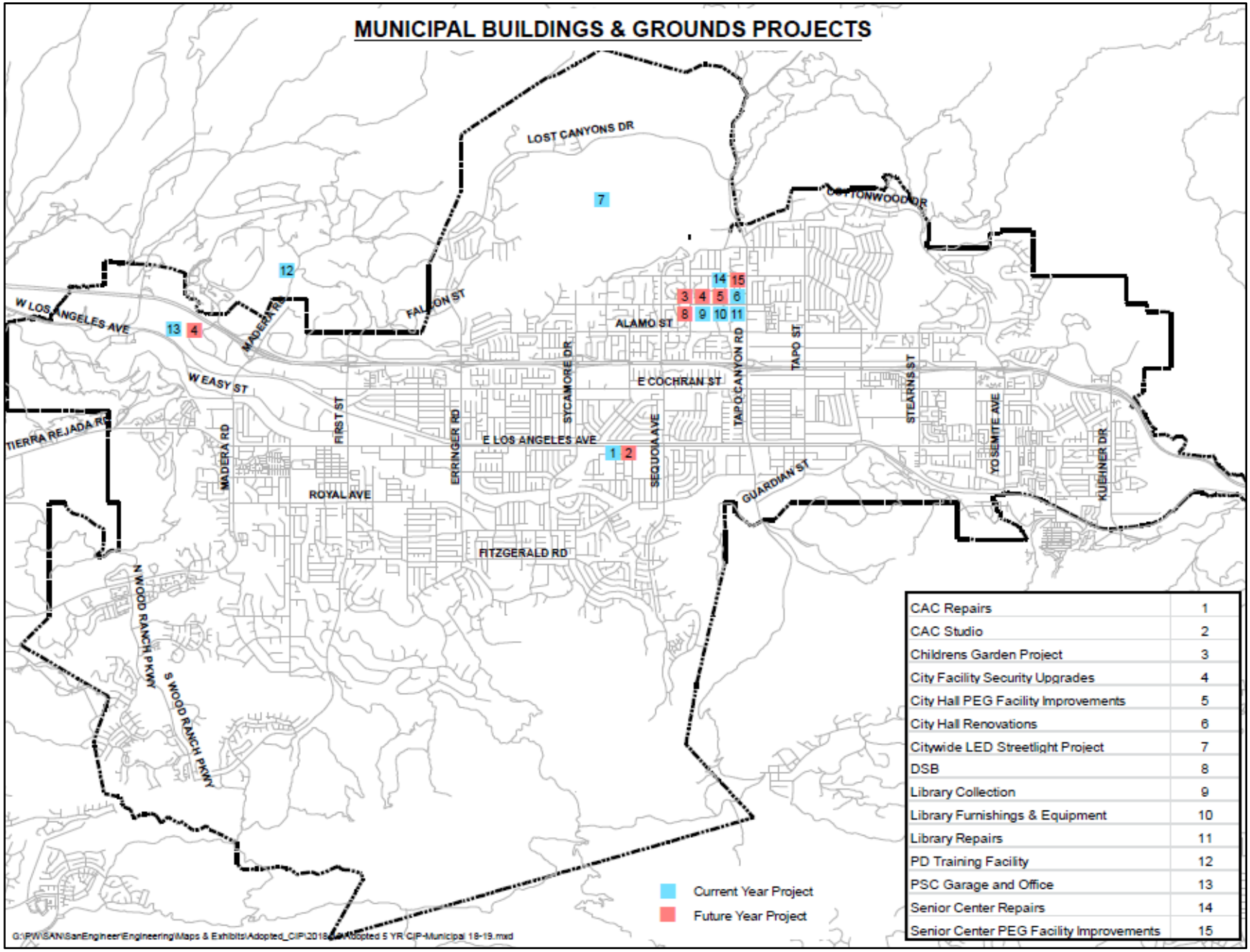

PROJECTED INCREASE IN OPERATING EXPENSES
RELATED TO CAPITAL PROJECTS
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$0
General Fund
Waterworks District
Total Increase
FY 2018-19
FY 2019-20
FY 2020-21
FY 2021-22
FY20202-23

MUNICIPAL BULDINGS AND GROUNDS

The City is making a concerted effort to reinvest in the maintenance and upkeep of its facilities. The Building 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 General Fund, Library Fund, Water Fund, Sanitation Fund, Public, Educational, and Government (PEG) funds, Developer Agreements, grants, bonds, and debt. 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 fifteen proposed projects at a projected five-year cost of $18,018,8000. Projects proposed in FY 2018-19 in the amount of $2,135,700 include security improvements and carpeting replacement at City Hall, upgrades to the Cultural Arts Building, the acquisition of city streetlights from Southern California Edison and retrofitting streetlights to Light Emitting Diode (LED) technology, upgrades to the Library, repair to the roof at the PSC Garage and nearby Office facility and designs for a patio courtyard at the Senior Center.

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



CAC Repairs	1
CAC Studio	2
Childrens Garden Project	3
City Facility Security Upgrades	4
City Hall PEG Facility Improvements	5
City Hall Renovations	6
Citywide LED Streetlight Project	7
DSB	8
Library Collection	9
Library Furnishings & Equipment	10
Library Repairs	11
PD Training Facility	12
PSC Garage and Office	13
Senior Center Repairs	14
Senior Center PEG Facility Improvements	15

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

Project Title:	Children's Garden Project	**Operating Cost:**	
Project No:	CP25000005	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	Sommer Barwick	**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 ongoing, funding received in FY 17/18 and will be expended FY18/19.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Children's Garden Project	$ 25,000.00	$ -	$ -	$ -	$ -	$ -	$ 25,000.00
Total	$ 25,000.00	$ -	$ -	$ -	$ -	$ -	$ 25,000.00
SOURCES OF FUNDING:							
Corporate Donation Funds	$ 5,000.00	$ -	$ -	$ -	$ -	$ -	$ 5,000.00
Non-Profit Grant Funds	20,000	-	-	-	-	-	20,000
Total	$ 25,000.00	$ -	$ -	$ -	$ -	$ -	$ 25,000.00

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

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 Fund

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Professional Services	$ 900,000	$ -	$ -	$ -	$ -	$ -	$ 900,000
Equipment	60,000	-	-	-	-	-	60,000
Total	$ 960,000	$ -	$ -	$ -	$ -	$ -	$ 960,000
SOURCES OF FUNDING:							
Building Improvement	$ 813,000	$ -	$ -	$ -	$ -	$ -	$ 813,000
Sanitation Fund	67,000	-	-	-	-	-	67,000
Transit Fund	80,000	-	-	-	-	-	80,000
Total	$ 960,000	$ -	$ -	$ -	$ -	$ -	$ 960,000

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

Project Title:	City Hall PEG Facility Improvements	**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. Currently, the City Hall Council Chamber and Community Room are used for a number of Board and Commission meetings that are not currently able to be broadcasted or recorded for a future broadcast. The upgrade of the Community Room will allow for use of the facility to broadcast press conferences, community meetings, and committee meetings on the PEG channel. The upgrade will include the installation of a drop down screen, dedicated computer and associated equipment for integration with a ceiling mounted projector, cameras, microphones, media ports, and upgrade of facility features including walls and carpet to maximize visual impact of the broadcasts and to accommodate installation of new equipment. The Council Chambers, the primary broadcast location for the PEG channel, is in need of improvements to electricity, air conditioning, and other facility improvements including carpeting, interior wall modifications, etc. These items impact the reliability and quality of the broadcasts and the useful life of the existing capital equipment. The integration of the City Hall lobby and Council Chambers foyer with the PEG broadcast system will increase the capacity of the Council Chambers for high-interest public meetings and provide enhanced communication with the public during business hours by providing direct access to the PEG channel at City Hall. This is a consolidation of Projects CP21400002, CP21400003, and CP21400004.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
PEG Facility	$ 2,000,000	$ -	$ 100,000	$ 100,000	$ 100,000	$ -	$ 2,300,000
Total	$ 2,000,000	$ -	$ 100,000	$ 100,000	$ 100,000	$ -	$ 2,300,000
SOURCES OF FUNDING:							
PEG Fund Balance	$ 2,000,000	$ -	$ 100,000	$ 100,000	$ 100,000	$ -	$ 2,300,000
Total	$ 2,000,000	$ -	$ 100,000	$ 100,000	$ 100,000	$ -	$ 2,300,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2018-19 TO 2021-23

Project Title: City Hall Renovations
Project No: CP65500003
Lead Department: City Manager
Project Manager: Brian Gabler

Operating Cost:
First Year: $0
Subsequent Year: $0
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), workstation reconfiguration, painting maintenance, Police Department entrance improvements, and security enhancements.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Design/Architectural	$ 80,000	$ -	$ -	$ -	$ -	$ -	$ 80,000
Construction	355,000	262,500	-	-	-	-	617,500
Contingency	-	-	-	-	-	-	-
Furnishings (Capital)	1,589,500	-	-	-	-	-	1,589,500
Total	$ 2,024,500	$ 262,500	$ -	$ -	$ -	$ -	$ 2,287,000
SOURCES OF FUNDING:							
General Fund	$ 125,000	$ 50,000	$ -	$ -	$ -	$ -	$ 175,000
Waterworks	-	25,000	-	-	-	-	25,000
Sanitation	-	25,000	-	-	-	-	25,000
Developer Agreements	1,899,500	60,000	-	-	-	-	1,959,500
Total	$ 2,024,500	$ 160,000	$ -	$ -	$ -	$ -	$ 2,184,500

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

Project Title:	Cultural Arts Center Repairs	**Operating Cost:**	
Project No:	CP65500001	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	David Yoshitomi/Anna Medina	**Source of Funds:**	Developer Agreements

Project Description: This project would replace the stage right steps and concession bar 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; replace monument sign with an LED sign (Completed in FY17-18); restore the rose garden to replace failed plants and improve water efficiency; upgrade overall landscaping to reduce water use; rekey the building; replace Multipurpose Room floor; complete interior and exterior painting; upgrade balcony seating; Upgrade downstage electrical; replace the worn out carpet throughout the building; and address any miscellaneous improvements to maintain the historical landmark.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Repairs/Upgrades	$ 215,000	$ 215,000	$ 330,000	$ 20,000	$ 40,000	$ -	$ 820,000
Total	$ 215,000	$ 215,000	$ 330,000	$ 20,000	$ 40,000	$ -	$ 820,000
SOURCES OF FUNDING:							
Developer Agreements	$ 215,000	$ 215,000	$ 330,000	$ 20,000	$ 40,000	$ -	$ 820,000
Total	$ 215,000	$ 215,000	$ 330,000	$ 20,000	$ 40,000	$ -	$ 820,000

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

Project Title:	Cultural Arts Center Production Studio	**Operating Cost:**	
Project No:	CP21400005	**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's Cultural Arts Center is a designated alternate location for the City's Emergency Operations Center. The project will allow for live broadcast abilities for emergency operations, provide for a studio to produce public service announcement videos for play on the PEG channel, and enhance the CAC's ability to promote its programs within the community.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
PEG Facility	$ -	$ -	$ -	$ -	$ 150,000	$ 250,000	$ 400,000
Total	$ -	$ -	$ -	$ -	$ 150,000	$ 250,000	$ 400,000
SOURCES OF FUNDING:							
PEG Fund Balance	$ -	$ -	$ -	$ -	$ 150,000	$ 250,000	$ 400,000
Total	$ -	$ -	$ -	$ -	$ 150,000	$ 250,000	$ 400,000

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

Project Title: Devt Services Building Improvements
Project No: CPB0020
Lead Department: City
Project Manager: Brian Gabler

Operating Cost:
First Year: $5,000
Subsequent Year: $5,000
Source of Funds: Building Improvement Fund

Project Description: This project entails converting the City-owned Development Services Building (3855-A Alamo Street), previously the Under One Roof social services facility, into a storage facility for City records. This will include designing, engineering, and construction improvements which will cover items such as ADA access requirements, constructing a dividing wall, and installing a storage system.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Design/Architectural	$ 49,700	$ -	$ -	$ -	$ -	$ -	$ 49,700
Furnishings and	55,000	-	-	-	-	-	55,000
Construction	670,000	-	-	-	-	-	670,000
Contingency	90,000	-	-	-	-	-	90,000
Total	$ 864,700	$ -	$ -	$ -	$ -	$ -	$ 864,700
SOURCES OF FUNDING:							
Building Improvement	$ 864,700	$ -	$ -	$ -	$ -	$ -	$ 864,700
Total	$ 864,700	$ -	$ -	$ -	$ -	$ -	$ 864,700

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

Project Title:	LED Streetlights	**Operating Cost:**	
Project No:	CP67700001	**First Year:**	$0
Lead Department:	City Manager	**Subsequent Year:**	$0
Project Manager:	Brian Gabler	**Source of Funds:**	Economic Development, Bond Proceeds, Contributions

Project Description: This project entails the acquisition of city streetlights from southern California Edison and retrofitting to Light Emitting Diode (LED) technology.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Professional Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Contracted Services	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
Total	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
SOURCES OF FUNDING:							
Bond Proceeds	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Economic Development Fund	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
Total	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000

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

Project Title:	Library Collections	**Operating Cost:**	
Project No:	CP25000002	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	Sommer Barwick	**Source of Funds:**	Library Fund

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 fluctuate yearly based upon library need.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Library Collection	$ 225,200	$ 225,200	$ 228,000	$ 228,000	$ 228,000	$ 228,000	$ 1,362,400
Total	$ 225,200	$ 225,200	$ 228,000	$ 228,000	$ 228,000	$ 228,000	$ 1,362,400
SOURCES OF FUNDING:							
Library Fund	$ 225,200	$ 225,200	$ 228,000	$ 228,000	$ 228,000	$ 228,000	$ 1,362,400
Total	$ 225,200	$ 225,200	$ 228,000	$ 228,000	$ 228,000	$ 228,000	$ 1,362,400

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

Project Title:	Library Furnishings and Equipment	**Operating Cost:**	
Project No:	CP25000003	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	Sommer Barwick	**Source of Funds:**	Library Fund

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Furnishings & Equipment	$ 32,000	$ 45,000	$ 5,000	$ 5,000	$ 5,000	$ 95,000	$ 187,000
Total	$ 32,000	$ 45,000	$ 5,000	$ 5,000	$ 5,000	$ 95,000	$ 187,000
SOURCES OF FUNDING:							
Library Fund	$ 32,000	$ 45,000	$ 5,000	$ 5,000	$ 5,000	$ 95,000	$ 187,000
Total	$ 32,000	$ 45,000	$ 5,000	$ 5,000	$ 5,000	$ 95,000	$ 187,000

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

Project Title:	Police Training Facility	**Operating Cost:**	
Project No:	CPB0016	**First Year:**	$10,000
Lead Department:	City Manager's Office	**Subsequent Years:**	$10,000
Project Manager:	Brian Gabler	**Source of Funds:**	Contributions, Development Agreements, and

Project Description: To design, engineer, and construct a facility which will include a practice range and other Police training equipment.

EXPENDITURE PLAN:	Prior Year	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Professional Services	$ 207,000	$ -	$ -	$ -	$ -	$ -	$ 207,000
Furnishings & Equipment	160,000	25,000	-	-	-	-	185,000
Engineering	2,000	-	-	-	-	-	2,000
Contingency	129,100	-	-	-	-	-	129,100
Construction	2,788,600	-	-	-	-	-	2,788,600
Total	$ 3,286,700	$ 25,000	$ -	$ -	$ -	$ -	$ 3,311,700
SOURCES OF FUNDING:							
Development Agreement Fund	$ 1,686,600	$ -	$ -	$ -	$ -	$ -	$ 1,686,600
Forfeited Assets	1,000,000	-	-	-	-	-	1,000,000
Contributions*	300,100	75,000	75,000	75,000	75,000	75,000	675,100
Total	$ 2,986,700	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 3,361,700

*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 2018-19 TO 2022-23

Project Title: PSC Garage and Office
Project No: CP65500010
Lead Department: Public Works
Project Manager: Chris Oberender

Operating Cost:
First Year:
Subsequent Year:
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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 60,000	$ -	$ -	$ -	$ -	$ 60,000
Total	$ -	$ 60,000	$ -	$ -	$ -	$ -	$ 60,000
SOURCES OF FUNDING:							
Developer Agreements	$ -	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
Waterworks	-	20,000	-	-	-	-	20,000
Sanitation	-	20,000	-	-	-	-	20,000
Total	$ -	$ 60,000	$ -	$ -	$ -	$ -	$ 60,000

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

Project Title:	Repairs and Upgrades to the Library	**Operating Cost:**	
Project No:	CP25000001	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	Sommer Barwick	**Source of Funds:**	Library Fund

Project Description: This project will cover a variety of library repair and upgrade initiatives including exterior parking lot lights, book stack end panels, ADA improvements, electrical and lighting work, window replacements, carpeting, landscaping of patio areas, and various building renovations and improvements.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Repairs / Upgrades	$ 828,000	$ 103,000	$ 50,000	$ 300,000	$ 800,000	$ 100,000	$ 2,181,000
Total	$ 828,000	$ 103,000	$ 50,000	$ 300,000	$ 800,000	$ 100,000	$ 2,181,000
SOURCES OF FUNDING:							
Library Fund	$ 828,000	$ 103,000	$ 50,000	$ 300,000	$ 800,000	$ 100,000	$ 2,181,000
Total	$ 828,000	$ 103,000	$ 50,000	$ 300,000	$ 800,000	$ 100,000	$ 2,181,000

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

Project Title:	Senior Center Repairs and Upgrades	**Operating Cost:**	
Project No:	CP65500002	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	Angel Sierra	**Source of Funds:**	Building Improvement Fund

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, and replace the wood floor in the multi-purpose room (Completed in FY16/17).

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Capital Costs	$ 60,000	$ 200,000	$ 1,500,000	$ 150,000	$ 300,000	$ -	$ 2,210,000
Total	$ 60,000	$ 200,000	$ 1,500,000	$ 150,000	$ 300,000	$ -	$ 2,210,000
SOURCES OF FUNDING:							
Development Agreements	$ 60,000	$ 200,000	$ 1,500,000	$ 150,000	$ 300,000	$ -	$ 2,210,000
Total	$ 60,000	$ 200,000	$ 1,500,000	$ 150,000	$ 300,000	$ -	$ 2,210,000

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

Project Title:	Senior Center PEG Enhancements	**Operating Cost:**	
Project No:	CP21400007	**First Year:**	$0
Lead Department:	Community Services	**Subsequent Year:**	$0
Project Manager:	Angel Sierra/Mara Malch	**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's Senior Center is a designated cooling center and community gathering place with community focused daily programming servicing approximately 500 patrons daily. The project will allow for live broadcast abilities for community events, public meetings, emergency event notifications, and provide for a studio to produce public service announcement videos for play on the PEG channel, and enhance the Senior Center's ability to promote its programs within the community.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
PEG Facility Improvements	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
Total	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
SOURCES OF FUNDING:							
PEG Fund Balance	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
Total	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000

THIS PAGE INTENTIONALLY LEFT BLANK

CITY OF SIMI VALLEY

SANITATION

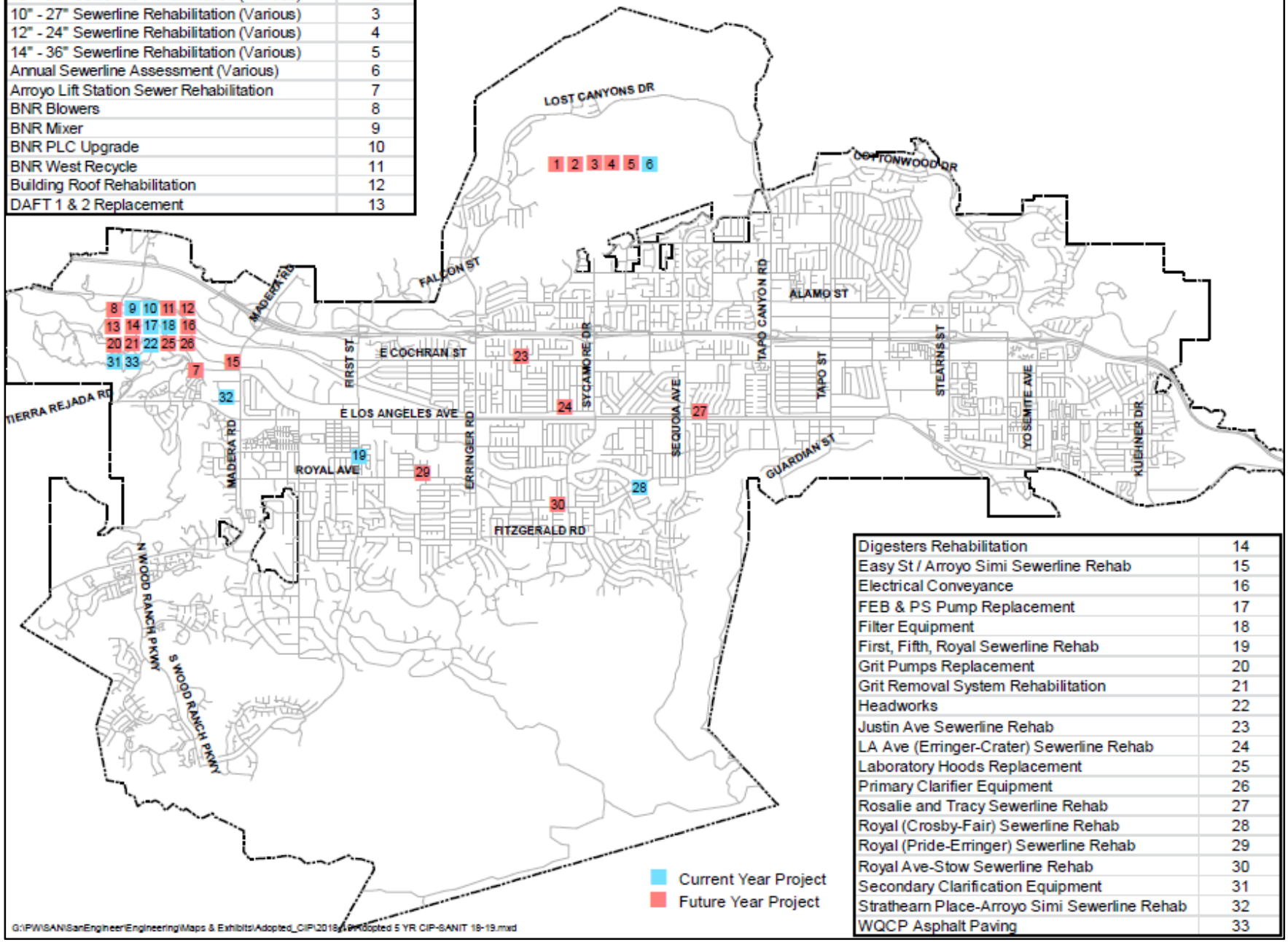
Sanitation projects include facilities replacement projects, to maintain and rehabilitate, and capital projects, to improve the sewer collection and conveyance system, and the wastewater treatment facilities (the Water Quality Control Plant, WQCP). Facilities replacement projects are financed from operating 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.

The FY2018-19 proposed Sanitation Capital Improvement Program includes 33 projects at a 5-year projected cost of $52,851,000, and a proposed FY2018-19 cost of $9,061,000. All 33 projects are maintenance and/or rehabilitation projects, proposed to be funded from the Replacement Fund, 18 projects are sewer projects, and 15 are WQCP projects. The proposed projects are generally the highest priorities identified in the respective asset management plans: 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, in particular, become ready to replace or rehabilitate, 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

10" - 12" Sewerline Rehabilitation (Various)	1
10" - 20" Sewerline Rehabilitation (Various)	2
10" - 27" Sewerline Rehabilitation (Various)	3
12" - 24" Sewerline Rehabilitation (Various)	4
14" - 36" Sewerline Rehabilitation (Various)	5
Annual Sewerline Assessment (Various)	6
Arroyo Lift Station Sewer Rehabilitation	7
BNR Blowers	8
BNR Mixer	9
BNR PLC Upgrade	10
BNR West Recycle	11
Building Roof Rehabilitation	12
DAFT 1 & 2 Replacement	13



Digesters Rehabilitation	14
Easy St / Arroyo Simi Sewerline Rehab	15
Electrical Conveyance	16
FEB & PS Pump Replacement	17
Filter Equipment	18
First, Fifth, Royal Sewerline Rehab	19
Grit Pumps Replacement	20
Grit Removal System Rehabilitation	21
Headworks	22
Justin Ave Sewerline Rehab	23
LA Ave (Erringer-Crater) Sewerline Rehab	24
Laboratory Hoods Replacement	25
Primary Clarifier Equipment	26
Rosalie and Tracy Sewerline Rehab	27
Royal (Crosby-Fair) Sewerline Rehab	28
Royal (Pride-Erringer) Sewerline Rehab	29
Royal Ave-Stow Sewerline Rehab	30
Secondary Clarification Equipment	31
Strathearn Place-Arroyo Simi Sewerline Rehab	32
WQCP Asphalt Paving	33

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	10"-12" Sewerline Rehabilitation	**Operating Cost:**	
Project No:	CP970381	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ 870,000	$ -	$ -	$ -	$ 870,000
Consultant Services	100,000	-	100,000	-	-	-	200,000
Total	$ -	$ -	$ 970,000	$ -	$ -	$ -	$ 1,070,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 100,000	$ -	$ 970,000	$ -	$ -	$ -	$ 1,070,000
Total	$ 100,000	$ -	$ 970,000	$ -	$ -	$ -	$ 1,070,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	10"-20" Sewerline Rehabilitation	**Operating Cost:**	
Project No:	CP70200001	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	10"-27" Sewerline Rehabilitation	**Operating Cost:**	
Project No:	CP70200002	**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 3,600 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
Consultant Services	-	-	50,000	-	-	-	50,000
Total	$ -	$ -	$ 50,000	$ 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 2018-19 TO 2022-23

Project Title:	12"-24" Sewerline Rehabilitation	**Operating Cost:**	
Project No:	CP70200003	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	14"-36" Sewerline Rehabilitation	**Operating Cost:**	
Project No:	CP70200004	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	Annual Sewerline Assessment	**Operating Cost:**	
Project No:	CP970380	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Michelle Elorde	**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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Professional 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 2018-19 TO 2022-23

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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant blowers for the West Basin Biological Nutrient Removal and the East Basin Biological Nutrient Removal 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 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 Water Quality Control Plant's West Basin Biological Nutrient Removal ("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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 600,000	$ -	$ -	$ -	$ -	$ 600,000
Consultant Services	-	50,000	-	-	-	-	50,000
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 2018-19 TO 2022-23

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 programmable logic controllers ("PLC") that control the Biological Nutrient Removal process at the Water Quality Control Plant. 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Materials	$ -	$ 15,000	$ -	$ -	$ -	$ -	$ 15,000
Professional Services	-	50,000	-	-	-	-	50,000
Total	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
Total	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000

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 Water Quality Control Plant's Biological Nutrient Removal recycle pumps that were installed in 2004, and will have been in service for approximately 16 years. Each of the four pumps has 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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

Project Description: This project proposes to evaluate the roof structures and repair deficiencies for eight buildings at the Water Quality Control 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant's Dissolved Air Flotation Thickeners ("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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant's Anaerobic Digesters that are nearly thirty years old. Seismic upgrades, mechanical upgrades, and structural rehabilitation were recommended in the Asset Management Plan. In addition, the equipment and technology are out of date and parts are very expensive and hard to find. Preliminary design work started in FY 2015-16 and a report evaluating technology alternatives and cost effectiveness was completed in November 2016. The preliminary design study identified that ancillary processes such as the sludge delivery, sludge heating, electrical controls, and boiler system also should be upgraded to reduce electrical and maintenance costs and improve reliability. The design is expected to begin in May 2018 and construction is proposed to be completed by August 2021.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ 3,500,000	$ -	$ -	$ -	$ 3,500,000
Consultant Services	660,000	-	-	-	-	-	585,770
Construction Services	-	-	50,000	-	-	-	50,000
Total	$ 660,000	$ -	$ 3,550,000	$ -	$ -	$ -	$ 4,135,770
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 660,000	$ -	$ 3,550,000	$ -	$ -	$ -	$ 4,135,770
Total	$ 660,000	$ -	$ 3,550,000	$ -	$ -	$ -	$ 4,135,770

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	Easy Street and Arroyo Simi Sewer Rehabilitation	**Operating Cost:**	
Project No:	CP70200019	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	Electrical Conveyance Replacement	**Operating Cost:**	
Project No:	CP70200022	**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 electrical power conveyance system at the Water Quality Control Plant. 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant Flow Equalization Basin 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 November 2018 and installations are proposed to be completed by October 2019.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 321,000	$ -	$ -	$ -	$ -	$ 321,000
Professional Services	-	15,000	-	-	-	-	15,000
Total	$ -	$ 336,000	$ -	$ -	$ -	$ -	$ 336,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ -	$ 336,000	$ -	$ -	$ -	$ -	$ 336,000
Total	$ -	$ 336,000	$ -	$ -	$ -	$ -	$ 336,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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 replace the mechanical and instrumentation equipment in the tertiary filters including pumps, piping, air blowers, valves and actuators for the underdrain, backwash, waste backwash, outlet, backwash air blower systems, programmable logic controllers, and modify the associated SCADA programming. The inlet and outlet valves, backwash water pumps, and backwash air blowers were installed in 1978 and the underdrain 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 August 2019 and construction is proposed to be completed in August 2020.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ 2,000,000	$ -	$ -	$ -	$ 2,000,000
Professional Services	-	200,000	25,000	-	-	-	225,000
Total	$ -	$ 200,000	$ 2,025,000	$ -	$ -	$ -	$ 2,225,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ -	$ 200,000	$ 2,025,000	$ -	$ -	$ -	$ 2,225,000
Total	$ -	$ 200,000	$ 2,025,000	$ -	$ -	$ -	$ 2,225,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	First/Fifth/Royal/Ventura Sewerline	**Operating Cost:**	
Project No:	CP70200015	**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 3,800 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ 2,380,000	$ 2,380,000	$ -	$ -	$ 4,760,000
Professional Services	-	50,000	100,000	100,000	-	-	250,000
Total	$ -	$ 50,000	$ 2,480,000	$ 2,480,000	$ -	$ -	$ 5,010,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ -	$ 50,000	$ 2,480,000	$ 2,480,000	$ -	$ -	$ 5,010,000
Total	$ -	$ 50,000	$ 2,480,000	$ 2,480,000	$ -	$ -	$ 5,010,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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 rehabilitate the Water Quality Control Plant'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. A preliminary design is proposed to be initiated in FY 2019-20 to explore alternative technologies and evaluate the cost effectiveness of the alternatives, with a design to follow. This concept-level construction cost estimate is $750,000, however, this may be revised based upon the preliminary design recommendations.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant'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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Grit Pumps Replacement	$ -	$ -	$ 175,000	$ -	$ -	$ -	$ 175,000
Consultant Services	-	-	25,000	-	-	-	25,000
Total	$ -	$ -	$ 200,000	$ -	$ -	$ -	$ 200,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ -	$ -	$ 200,000	$ -	$ -	$ -	$ 200,000
Total	$ -	$ -	$ 200,000	$ -	$ -	$ -	$ 200,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	Headworks Building Upgrade	**Operating Cost:**	
Project No:	CP970501	**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 Headworks Building and associated equipment. The equipment is 30 years old and requires frequent maintenance. The Asset Management Plan recommends seismic upgrades and ventilation system improvements to the building; and 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 3,000,000	$ -	$ -	$ -	$ -	$ 3,000,000
Consultant Services	625,000	150,000	-	-	-	-	775,000
Total	$ 625,000	$ 3,150,000	$ -	$ -	$ -	$ -	$ 3,775,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 625,000	$ 3,150,000	$ -	$ -	$ -	$ -	$ 3,775,000
Total	$ 625,000	$ 3,150,000	$ -	$ -	$ -	$ -	$ 3,775,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	Justin Avenue Sewerline Rehabilitation	**Operating Cost:**	
Project No:	CP70200016	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ -	$ -	$ 430,000	$ -	$ 430,000
Professional Services	-	-	-	-	20,000	-	20,000
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 2018-19 TO 2022-23

Project Title:	LA Avenue (Erringer-Crater) Sewerline	**Operating Cost:**	
Project No:	CP970503	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ -	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 6,000,000
Professional Services	75,000	-	-	100,000	100,000	100,000	375,000
Total	$ 75,000	$ -	$ -	$ 2,100,000	$ 2,100,000	$ 2,100,000	$ 6,375,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 75,000	$ -	$ -	$ 2,100,000	$ 2,100,000	$ 2,100,000	$ 6,375,000
Total	$ 75,000	$ -	$ -	$ 2,100,000	$ 2,100,000	$ 2,100,000	$ 6,375,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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 Water Quality Control Plant'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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant primary clarifiers and sludge pumps, which were installed in 1986 (32 years). 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 needs to be replaced after being in service for 32 yea There have been structural failures and leaks over the years that have been repaired. As part of this project, it is recommend that a structural evaluation be conducted to identify and mitigate problems before they lead 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	Rosalie Street and Tracy Avenue Sewerline	**Operating Cost:**	
Project No:	CP70200017	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 1,780,000	$ -	$ -	$ -	$ -	$ 1,780,000
Consultant Services	50,000	-	-	-	-	-	50,000
Total	$ 50,000	$ 1,780,000	$ -	$ -	$ -	$ -	$ 1,830,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 50,000	$ 1,780,000	$ -	$ -	$ -	$ -	$ 1,830,000
Total	$ 50,000	$ 1,780,000	$ -	$ -	$ -	$ -	$ 1,830,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	Royal Avenue (Pride to Erringer) Sewer Rehabilitation	**Operating Cost:**	
Project No:	CP70200010	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ -	$ 2,790,000	$ -	$ -	$ 2,790,000
Consultant Services	-	-	200,000	-	-	-	200,000
Total	$ -	$ -	$ 200,000	$ 2,790,000	$ -	$ -	$ 2,990,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ -	$ -	$ 200,000	$ 2,790,000	$ -	$ -	$ 2,990,000
Total	$ -	$ -	$ 200,000	$ 2,790,000	$ -	$ -	$ 2,990,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title:	Royal Avenue, Stow Sewerline	**Operating Cost:**	
Project No:	CP70200018	**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 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

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 Water Quality Control Plant 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 Return Activated Sludge pump system also needs to be redesigned to improve sludge removal and distribution to the Biological Nutrient Removal 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. Based on the study's recommendations, the construction cost estimate is $2,700,000, which will be further refined during the final design.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ 1,000,000	$ 1,700,000	$ -	$ -	$ 2,700,000
Consultant Services	200,000	100,000	-	-	-	-	300,000
Total	$ 200,000	$ 100,000	$ 1,000,000	$ 1,700,000	$ -	$ -	$ 3,000,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 200,000	$ 100,000	$ 1,000,000	$ 1,700,000	$ -	$ -	$ 3,000,000
Total	$ 200,000	$ 100,000	$ 1,000,000	$ 1,700,000	$ -	$ -	$ 3,000,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 2,380,000	$ -	$ -	$ -	$ -	$ 2,380,000
Consultant Services	50,000	100,000	-	-	-	-	150,000
Total	$ 50,000	$ 2,480,000	$ -	$ -	$ -	$ -	$ 2,530,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 50,000	$ 2,480,000	$ -	$ -	$ -	$ -	$ 2,530,000
Total	$ 50,000	$ 2,480,000	$ -	$ -	$ -	$ -	$ 2,530,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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 Water Quality Control Plant 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 300,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ 900,000
Total	$ 300,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ 900,000
SOURCES OF FUNDING:							
Sanitation Replacement Reserve	$ 300,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ 900,000
Total	$ 300,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ 900,000

THIS PAGE INTENTIONALLY LEFT BLANK

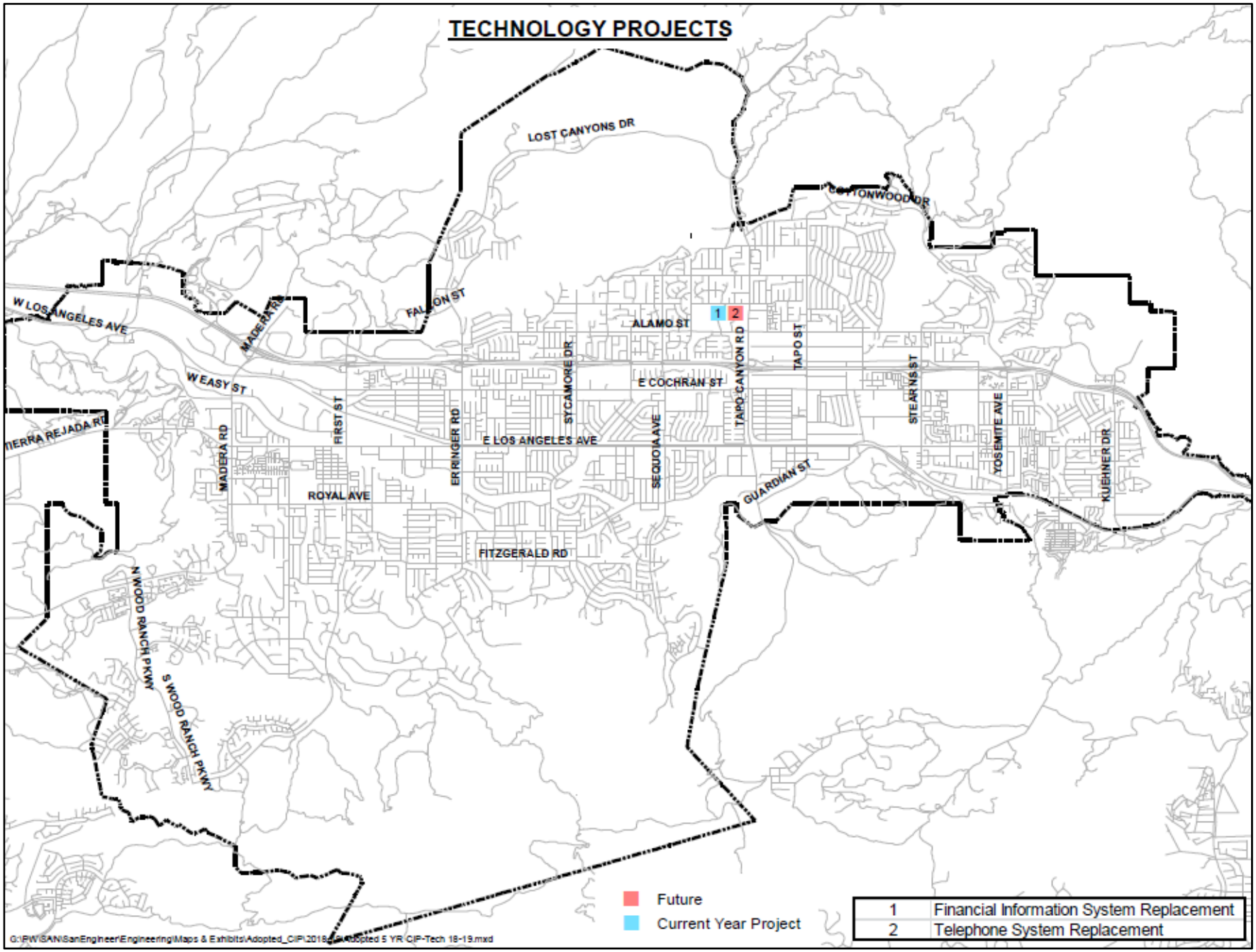
CITY OF SIMI VALLEY

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 proposed projects at an estimated five-year cost of $7,240,600. FY 2018-19 funding in the amount of $1,006,800 is proposed for phased implementation of a Citywide Enterprise Resource Plan (ERP) which includes replacement of the City's aging Financial Information System and 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.

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
LOST CANYONS DR
COTTONWOOD DR
W LOS ANGELES AVE
MADERA RD
FALLON ST
ALAMO ST
1
2
W EASY ST
SYCAMORE DR
E COCHRAN ST
TAPO CANYON RD
TAPO ST
STEARNS ST
YOSEMITE AVE
KUEHNER DR
SIERRA REJADA RD
MADERA RD
FIRST ST
ERRINGER RD
E LOS ANGELES AVE
SEQUOIA AVE
GUARDIAN ST
ROYAL AVE
FITZGERALD RD
N WOOD RANCH PKWY
S WOOD RANCH PKWY
Future
Current Year Project
1 Financial Information System Replacement
2 Telephone System Replacement
G:\PW\SAN\SanEngineer\Engineering\Maps & Exhibits\Adopted_CIP\2018 Adopted 5 YR CIP-Tech 18-19.mxd

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

Project Title: FINANCIAL INFO SYSTEM REPLACEMENT

Project No: CPB0018

Lead Department: Administrative Services

Project Manager: Gary Boswell

Operating Cost:

First Year: $256,900

Subsequent Year: $256,900

Source of Funds: Interest, CERF, Devt Agreements, General Fund, Sanitation, Transit, Waterworks

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; this is a large project with multiple phases with an anticipated completion date in FY 2020.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONTINGENCY	$ 161,400	$ 77,700	$ -	$ -	$ -	$ -	$ 239,100
HARDWARE	168,300	-	-	-	-	-	168,300
MAINTENANCE	63,800	-	-	-	-	-	63,800
OTHER CONTRACT SERVICES	332,200	32,000	32,000	32,000	-	-	428,200
BACKFILL	135,800	142,500	-	-	-	-	278,300
PROF SERVICES	1,450,600	744,600	393,200	256,900	-	-	2,845,300
FIS System	1,135,700	-	-	-	-	-	1,135,700
TRAINING	71,900	10,000	-	-	-	-	81,900
Total	$ 3,519,700	$ 1,006,800	$ 425,200	$ 288,900	$ -	$ -	$ 5,240,600
SOURCES OF FUNDING:							
GIS CAPITAL	$ 1,588,100	$ 322,932	$ -	$ -	$ -	$ -	$ 1,911,032
TRANSFER FROM CERF	200,000	57,000	100,000	-	-	-	357,000
TRANSFER FROM DEVT AGREEMENTS	2,549,300	503,394	-	-	-	-	3,052,694
TRANSFER FROM GENERAL FUND	198,500	-	186,500	162,800	-	-	547,800
TRANSFER FROM SANITATION	139,300	47,490	51,600	47,400	-	-	285,790
TRANSFER FROM TRANSIT	76,400	28,494	34,000	29,800	-	-	168,694
TRANSFER FROM WATERWORKS	148,600	47,490	53,100	48,900	-	-	298,090
Total	$ 4,900,200	$ 1,006,800	$ 425,200	$ 288,900	$ -	$ -	$ 6,621,100

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

Project Title: CITY TELEPHONE SYSTEM REPLACEMENT

Project No: CPB0022

Lead Department: Administrative Services

Project Manager: Connie Henes-Baird

Operating Cost:

First Year:

Subsequent Year: $300,000

Source of Funds: Capital Lease, Devt. Agreements, Sanitation, Waterworks

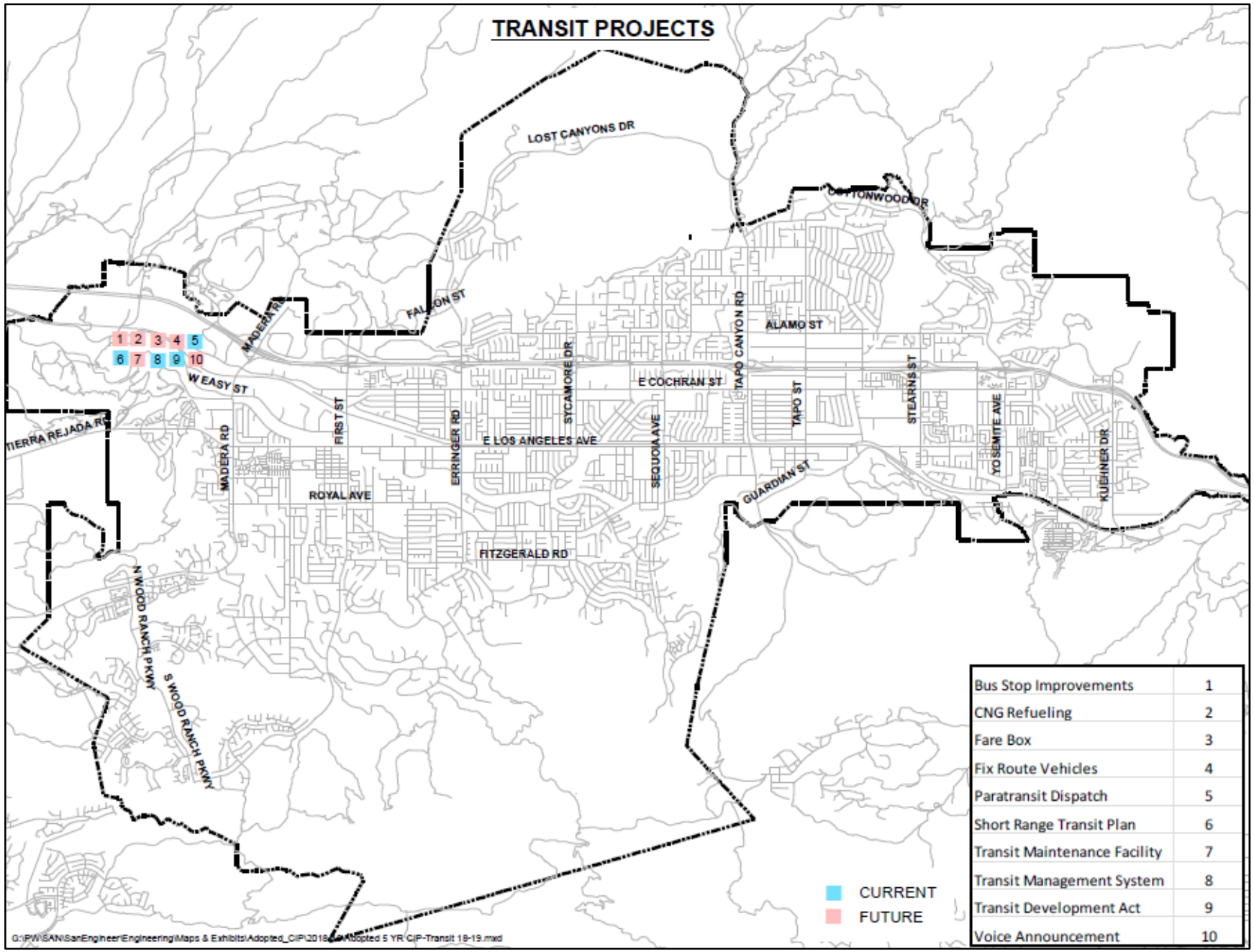
Project Description: The City's Nortel telephone system was installed in 1995 and is currently operating on the latest and final software release. The City's present telephone system will no longer be supported after June 1, 2018, and the voice mail system will no longer be supported after June 30, 2016. Systems installed new today have many additional features and utilize a newer architecture of Voice over Internet Protocol (VoIP). This system architecture provides for 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 City's current system is comprised of four networked telephone switches, back-up power at each of the four sites, approximately 600 telephones City-wide, a centralized voice mail system, call accounting, and call management software. Outside maintenance services are required from a licensed and authorized vendor to support the system.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
EQUIPMENT	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
PROFESSIONAL SERVICES	1,000,000	-	-	-	-	-	1,000,000
Total	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ 2,000,000
SOURCES OF FUNDING:							
CAPITAL LEASE	$ 1,600,000	$ -	$ -	$ -	$ -	$ -	$ 1,600,000
TRANSFER FROM DEVT AGREEMENTS	300,000	-	-	-	-	-	300,000
TRANSFER FROM TRANSIT	33,000	-	-	-	-	-	33,000
TRANSFER FROM SANITATION	34,000	-	-	-	-	-	34,000
TRANSFER FROM WATERWORKS	33,000	-	-	-	-	-	33,000
Total	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ 2,000,000

TRANSIT

The Transit category includes projects to replace fixed-route buses and paratransit vans and to implement new dispatching software and cameras for the paratransit vans. This category contains ten projects at a projected total cost over five years of $14,160,359, all of which is funded through various State and Federal grants and revenue sources. There is zero General Fund contribution for these projects.

Proposed FY 2018-19 funding in the amount of $2,127,500 includes funding for paratransit dispatching software, upgrades to the Transit Management System, and short range projects that will be brought to City Council for approval once specific needs are determined.


TRANSIT PROJECTS
LOST CANYONS DR
COTTONWOOD DR
FALLON ST
MADERA RD
ALAMO ST
W EASY ST
E COCHRAN ST
TAPO CANYON RD
TAPO ST
STEARNS ST
SYCAMORE DR
SEQUOIA AVE
YOSEMITE AVE
KUEHNER DR
TIERRA REJADA RD
MADERA RD
FIRST ST
ERRINGER RD
E LOS ANGELES AVE
ROYAL AVE
GUARDIAN ST
FITZGERALD RD
N WOOD RANCH PKWY
S WOOD RANCH PKWY
1 2 3 4 5
6 7 8 9 10
CURRENT
FUTURE
Bus Stop Improvements 1
CNG Refueling 2
Fare Box 3
Fix Route Vehicles 4
Paratransit Dispatch 5
Short Range Transit Plan 6
Transit Maintenance Facility 7
Transit Management System 8
Transit Development Act 9
Voice Announcement 10

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

Project Title:	Bus Stop Improvements	**Operating Cost:**	
Project No:	CP75000006	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	State SB1/STA

Project Description: Bus stop improvements and additions, including shelters, signage, benches, lighting, and other amenities. This project is being funded through the SB1 State of Good Repair ("SGR") apportionment funds and State Transit Assistance Funds. The SGR funds will need to be expended within four years of receipt (FY21-22).

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 39,859	$ -	$ -	$ -	$ -	$ -	$ 39,859
Total	$ 39,859	$ -	$ -	$ -	$ -	$ -	$ 39,859
SOURCES OF FUNDING:							
State SB1 and STA	$ 39,859	$ -	$ -	$ -	$ -	$ -	$ 39,859
Total	$ 39,859	$ -	$ -	$ -	$ -	$ -	$ 39,859

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

Project Title:	CNG Fueling Station Upgrade	**Operating Cost:**	
Project No:	CP960281	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	State Prop 1B/PTMISEA

Project Description: Simi Valley Transit's Compressed Natural Gas ("CNG") fueling station was built in 1998, to coincide with Simi Valley Transit'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 programmable logistic control units to improve the efficiency of each unit; a Supervisory Control and Data Acquisition (or, SCADA) system, which enables maintenance staff to remotely monitor the system via call-out modem; 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 1,324,700	$ -	$ -	$ -	$ -	$ -	$ 1,324,700
Total	$ 1,324,700	$ -	$ -	$ -	$ -	$ -	$ 1,324,700
SOURCES OF FUNDING:							
State Prop 1B/PTMISEA	$ 1,324,700	$ -	$ -	$ -	$ -	$ -	$ 1,324,700
Total	$ 1,324,700	$ -	$ -	$ -	$ -	$ -	$ 1,324,700

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

Project Title:	Fare Box Upgrades	**Operating Cost:**	
Project No:	CP960221	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	CMAQ FY 2011-12

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 Simi Valley Transit 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Capital Equipment	$ 85,500	$ -	$ -	$ -	$ -	$ -	$ 85,500
Total	$ 85,500	$ -	$ -	$ -	$ -	$ -	$ 85,500
SOURCES OF FUNDING:							
CMAQ FY 2011-12	$ 85,500	$ -	$ -	$ -	$ -	$ -	$ 85,500
Total	$ 85,500	$ -	$ -	$ -	$ -	$ -	$ 85,500

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

Project Title:	Fixed-Route Vehicle Replacements	**Operating Cost:**	
Project No:	CP960344	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	County/State/Fed Funds

Project Description: The Federal Transit Administration ("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 FY 2014-15. Two North American Bus Industry ("NABI") buses were purchased with Federal funds in 2005 and were scheduled to be replaced as early as FY 2016-17. 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 FY 2017-18 (1) and 2019-20 (2) due to mileage. Otherwise, they will be eligible for replacement in FY 2021-22 due to age. Each of the buses are 40 feet in length and powered by compressed natural gas (or, CNG). Replacement of the buses will ensure continued reliability of service while reducing maintenance costs. State Prop 1B/PTMISEA is allocated for Simi Valley and will allow for the replacement of the two NABI buses in FY2018-19. Additional funding will need to be secured to replace the remaining three New Flyer buses.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Vehicles	$ 5,086,000	$ -	$ 1,250,000	$ -	$ 1,875,000	$ -	$ 8,211,000
Total	$ 5,086,000	$ -	$ 1,250,000	$ -	$ 1,875,000	$ -	$ 8,211,000
SOURCES OF FUNDING:							
State Prop 1B FY 2010-11 (3)	$ 1,452,300	$ -	$ -	$ -	$ -	$ -	$ 1,452,300
TDA Article 4 for State Prop 1B	433,400	-	-	-	-	-	433,400
CMAQ FY 2011-12 (3)	1,460,700	-	-	-	-	-	1,460,700
Local Match/CMAQ FY 2011-12 - TDA Article 4	189,600	-	-	-	-	-	189,600
State Prop 1B/PTMISEA	1,550,000	-	-	-	-	-	1,550,000
Funding Source To Be Determined	-	-	1,250,000	-	1,875,000	-	3,125,000
Total	$ 5,086,000	$ -	$ 1,250,000	$ -	$ 1,875,000	$ -	$ 8,211,000

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

Project Title:	Paratransit Dispatch System	**Operating Cost:**	
Project No:	CP960380	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	FTA 5307, TDA Article 4

Project Description: The paratransit system relies upon the use of a dispatching system that integrates with in-vehicle mobile data terminals and global position system (or, 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Application Software	$ 86,700	$ 45,000	$ -	$ -	$ -	$ -	$ 131,700
Total	$ 86,700	$ 45,000	$ -	$ -	$ -	$ -	$ 131,700
SOURCES OF FUNDING:							
FTA 5307	$ 69,300	$ 36,000	$ -	$ -	$ -	$ -	$ 105,300
TDA Article 4	17,400	9,000	-	-	-	-	26,400
Total	$ 86,700	$ 45,000	$ -	$ -	$ -	$ -	$ 131,700

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

Project Title:	Short Range Transit Plan Projects	**Operating Cost:**	
Project No:	CP75000008	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	TDA Article 4

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction and Capital Equipment	$ -	$ 1,837,700	$ -	$ -	$ -	$ -	$ 1,837,700
Total	$ -	$ 1,837,700	$ -	$ -	$ -	$ -	$ 1,837,700
SOURCES OF FUNDING:							
TDA Article 4	$ -	$ 1,837,700	$ -	$ -	$ -	$ -	$ 1,837,700
Total	$ -	$ 1,837,700	$ -	$ -	$ -	$ -	$ 1,837,700

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

Project Title:	Transit Maintenance Facility Expansion	**Operating Cost:**	
Project No:	CP960202	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	CMAQ FY 10-11

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 FY 2004-05, staff successfully secured $1,235,000 in Federal Congestion Mitigation Air Quality (or, CMAQ) funds to be used for the expansion of the Transit Maintenance Facility, and construction was completed in 2011. The remaining grant funds will be used to complete additional facility upgrades.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 370,400	$ -	$ -	$ -	$ -	$ -	$ 370,400
Total	$ 370,400	$ -	$ -	$ -	$ -	$ -	$ 370,400
SOURCES OF FUNDING:							
CMAQ FY 2010-11	$ 370,400	$ -	$ -	$ -	$ -	$ -	$ 370,400
Total	$ 370,400	$ -	$ -	$ -	$ -	$ -	$ 370,400

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:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	CMAQ FY 2014-15

Project Description: The Transit Division has been awarded Federal Congestion Mitigation Air Quality (or, CMAQ) FY 2016-17 funds for a fully integrated Transit Management System ("TMS"), which will provide additional tools to allow Simi Valley Transit ("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/dial-a-ride 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Application Software	$ 425,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 825,000
Total	$ 425,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 825,000
SOURCES OF FUNDING:							
TDA Article 4	$ 133,000	$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ 213,000
FTA 5307 - Transit Management	-	64,000	64,000	64,000	64,000	64,000	320,000
CMAQ FY2016-17	292,000	-	-	-	-	-	292,000
Total	$ 425,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 825,000

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

Project Title:	Transportation Development Act Projects	**Operating Cost:**	
Project No:	CP75000007	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	TDA Article 4

Project Description: The California State Legislature enacted the Transportation Development Act ("TDA") (Public Utilities Code Section 99200 et seq.) in 1971 which created a Local Transportation Fund ("LTF") for each County in the State. As a result of California Senate Bills 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction and Capital Equipment	$ 393,700	$ 164,800	$ 436,000	$ 75,000	$ 110,000	$ 60,000	$ 1,239,500
Total	$ 393,700	$ 164,800	$ 436,000	$ 75,000	$ 110,000	$ 60,000	$ 1,239,500
SOURCES OF FUNDING:							
TDA Article 4	$ 393,700	$ 164,800	$ 436,000	$ 75,000	$ 110,000	$ 60,000	$ 1,239,500
Total	$ 393,700	$ 164,800	$ 436,000	$ 75,000	$ 110,000	$ 60,000	$ 1,239,500

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

Project Title:	Voice Announcement System	**Operating Cost:**	
Project No:	CP960341	**First Year:**	
Lead Department:	Community Services	**Subsequent Year:**	
Project Manager:	Jennifer Mellon	**Source of Funds:**	CMAQ FY 2011-12

Project Description: The Transit Division has prior authorization to purchase a voice announcement system to be installed in Simi Valley Transit'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 Public Address ("PA") system. The voice announcement system is automated through a Global Positioning System ("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.

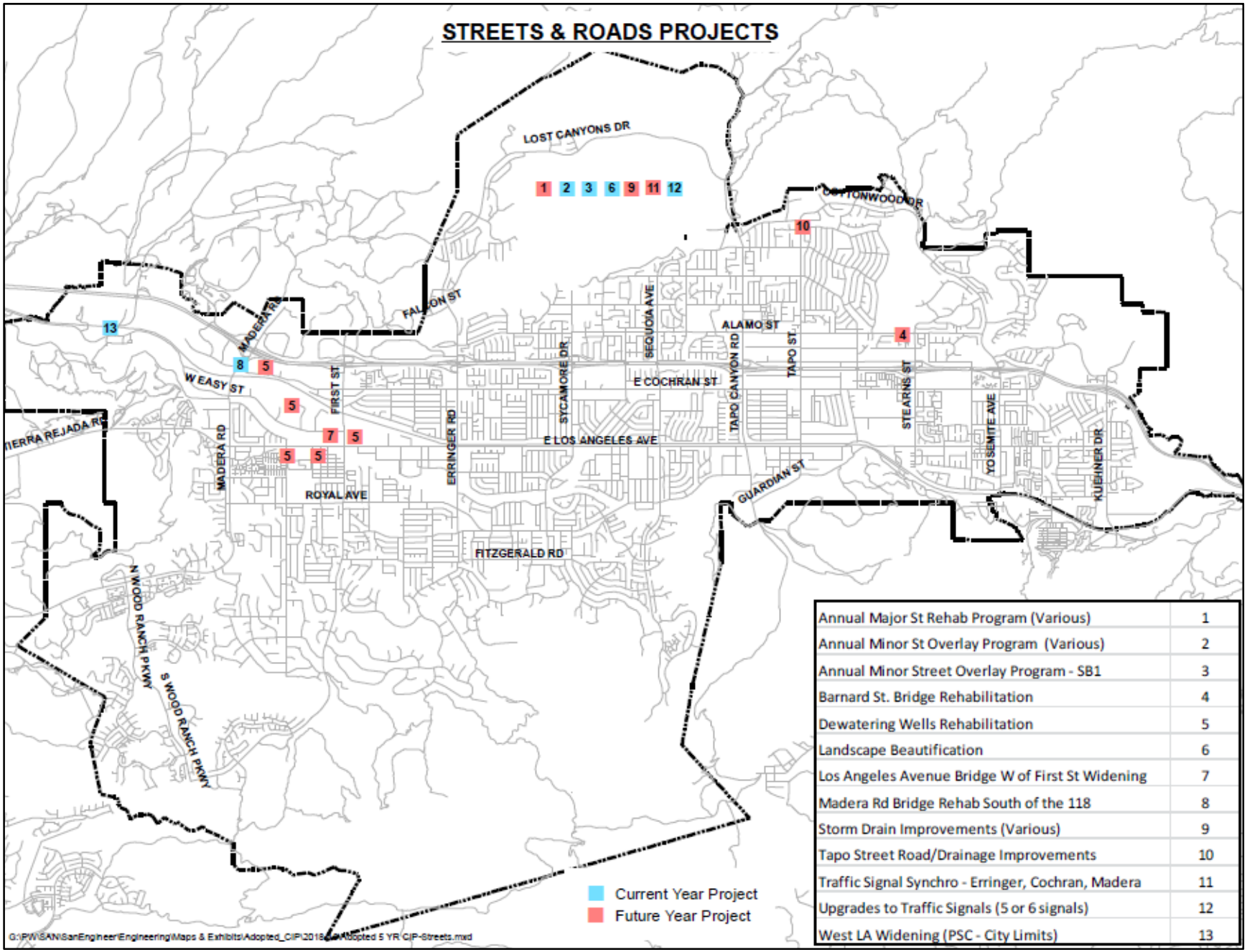
EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Capital Equipment	$ 95,000	$ -	$ -	$ -	$ -	$ -	$ 95,000
Total	$ 95,000	$ -	$ -	$ -	$ -	$ -	$ 95,000
SOURCES OF FUNDING:							
CMAQ FY 2011-12	$ 95,000	$ -	$ -	$ -	$ -	$ -	$ 95,000
Total	$ 95,000	$ -	$ -	$ -	$ -	$ -	$ 95,000

STREETS AND ROADS

This category proposes 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 15 projects at a total projected cost of $37,104,754 over five years. Funding in the amount of $5,169,100 is proosed in FY 2018-19 for six projects to resurface minor streets, provide landscape beautification at freeway exit/entrance ramps, rehabilitation to the Madera Rd. Bridge, upgrade traffic signals, and the widening of west Los Angeles Avenue.

Street rehabilitation project priorities and cost estimates are developed based on physical inspection by staff engineers and 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, adjusted for inflation. As a cost savings measure, engineering firms under contract to the City for as-need work are used to develop cost estimates for projects that involve geotechnical, structural or mechanical systems rather than maintaining staff for these purposes.



Annual Major St Rehab Program (Various)	1
Annual Minor St Overlay Program (Various)	2
Annual Minor Street Overlay Program - SB1	3
Barnard St. Bridge Rehabilitation	4
Dewatering Wells Rehabilitation	5
Landscape Beautification	6
Los Angeles Avenue Bridge W of First St Widening	7
Madera Rd Bridge Rehab South of the 118	8
Storm Drain Improvements (Various)	9
Tapo Street Road/Drainage Improvements	10
Traffic Signal Synchro - Erringer, Cochran, Madera	11
Upgrades to Traffic Signals (5 or 6 signals)	12
West LA Widening (PSC - City Limits)	13

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

Project Title:	FY 2018/19 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 1 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ -	$ 1,150,000	$ 1,150,000	$ 1,150,000	$ 1,150,000	$ 5,750,000
PROFESSIONAL	-	-	50,000	50,000	50,000	50,000	250,000
Total	ON GOING	$ -	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 6,000,000
SOURCES OF FUNDING:							
GENERAL FUND	$ -	$ -	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 5,000,000
SANITATION OPERATING FUND	-	-	100,000	100,000	100,000	100,000	500,000
WATERWORKS OPERATING FUND	-	-	100,000	100,000	100,000	100,000	500,000
Total	ON GOING	$ -	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 6,000,000

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

Project Title: FY 18-19 Minor Street Overlay Program
Project No: CP60000019
Lead Department: Public Works
Project Manager: Kamran Panah

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: CDBG, General Fund, Sanitation & Waterworks Funds

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2018-19, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's Pavement Management System.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ 775,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 7,975,000
PROFESSIONAL	-	50,000	50,000	50,000	50,000	50,000	250,000
Total	ON GOING	$ 825,000	$ 1,850,000	$ 1,850,000	$ 1,850,000	$ 1,850,000	$ 8,225,000
SOURCES OF FUNDING:							
CDBG FUNDING	$ -	$ 405,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 2,005,000
GENERAL FUND	-	300,000	1,330,000	1,330,000	1,330,000	1,330,000	$ 5,620,000
SANITATION OPERATING FUND	-	60,000	60,000	60,000	60,000	60,000	$ 300,000
WATERWORKS OPERATING FUND	-	60,000	60,000	60,000	60,000	60,000	$ 300,000
Total	ON GOING	$ 825,000	$ 1,850,000	$ 1,850,000	$ 1,850,000	$ 1,850,000	$ 8,225,000

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

Project Title: FY 18-19 Minor Street Overlay Program - SB1
Project No: CP60000023
Lead Department: Public Works
Project Manager: Kamran Panah

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: CDBG, General Fund, Sanitation and Water Funds

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2018-19, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's Pavement Management System. This project is funded from State Transportation funds from the Road Repair and Accountability Act of 2017, Senate Bill 1 (SB 1).

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ 2,064,100	$ -	$ -	$ -	$ -	$ 2,064,100
PROFESSIONAL	-	50,000	-	-	-	-	$ 50,000
Total	ON GOING	$ 2,114,100	$ -	$ -	$ -	$ -	$ 2,114,100
SOURCES OF FUNDING:							
SB1 GRANT FUNDING	$ 726,100	$ 2,114,100	$ -	$ -	$ -	$ -	$ 2,840,200
Total	$ 726,100	$ 2,114,100	$ -	$ -	$ -	$ -	$ 2,840,200

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

Project Title:	Barnard Street Rehabilitation Project	**Operating Cost:**	
Project No:	CP60000008	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Kamran Panah	**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 2018. Construction is scheduled to begin in the Fall of 2018, and to be completed by December 2018. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ -	$ 310,000	$ -	$ -	$ -	$ 310,000
CONSULTANT SERVICES	-	-	20,000	-	-	-	20,000
Total	$ -	$ -	$ 330,000	$ -	$ -	$ -	$ 330,000
SOURCES OF FUNDING:							
FEDERAL GRANT	$ -	$ -	$ 291,000	$ -	$ -	$ -	$ 291,000
GENERAL FUND	-	-	39,000	-	-	-	39,000
Total	$ -	$ -	$ 330,000	$ -	$ -	$ -	$ 330,000

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

Project Title:	FY 2018/19 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

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ -	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 480,000
Total	ON GOING	$ -	$ 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	ON GOING	$ -	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 480,000

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

Project Title: Dewatering Wells Rehabilitation Project
Project No: CP60000003
Lead Department: Public Works
Project Manager:

Operating Cost:
First Year:
Subsequent Year:
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:	Prior Yr.	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
MAINTENANCE	$ 130,000	$ -	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 400,000
PROFESSIONAL SERVICES	40,000	-	20,000	20,000	20,000	20,000	80,000
Total	$ 170,000	$ -	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 480,000
SOURCES OF FUNDING:							
GENERAL FUND	$ 170,000	$ -	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000
Total	$ 170,000	$ -	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000

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

Project Title:	Highway Safety Improvement Project (HSIP)	**Operating Cost:**	
Project No:	CP60000014	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Doug Lee	**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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ 347,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 250,000
Total	$ 347,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 250,000
SOURCES OF FUNDING:							
GENERAL FUND	$ 79,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 250,000
COUNTY/STATE/FED FUNDS	268,000	-	-	-	-	-	268,000
Total	$ 347,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 250,000

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

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 Memorandum of Understanding 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
LANDSCAPE ARCHITECT	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -
MAINTENANCE	430,000	80,000	80,000	80,000	80,000	80,000	400,000
Total	$ 480,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 880,000
SOURCES OF FUNDING:							
CONTRIBUTIONS WASTE MANAGEMENT	$ 480,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 880,000
Total	$ 480,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 880,000

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

Project Title: Los Angeles Avenue West of First Street Reconstruction Project
Project No: CP60000010
Lead Department: Public Works
Project Manager: Kamran Panah

Operating Cost:
First Year:
Subsequent Year:
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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ -	$ -	$ -	$ 9,510,000	$ -	$ 9,510,000
PROFESSIONAL SERVICES (ENGINEERING)	-	-	-	1,700,000	-	-	1,700,000
Total	$ -	$ -	$ -	$ 1,700,000	$ 9,510,000	$ -	$ 11,210,000
SOURCES OF FUNDING:							
FEDERAL GRANT	$ -	$ -	$ -	$ 1,505,000	$ 8,419,200	$ -	$ 9,924,200
GENERAL FUND	-	-	-	195,000	1,090,800	-	1,285,800
Total	$ -	$ -	$ -	$ 1,700,000	$ 9,510,000	$ -	$ 11,210,000

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

Project Title:	Madera Road Bridge Rehab South of HWY 118 Project	**Operating Cost:**	
Project No:	CP60000011	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Kamran Panah	**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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ -	$ 360,000	$ -	$ -	$ -	$ -	$ 360,000
PROFESSIONAL SERVICES	-	60,000	-	-	-	-	60,000
Total	$ -	$ 420,000	$ -	$ -	$ -	$ -	$ 420,000
SOURCES OF FUNDING:							
FEDERAL GRANT	$ -	$ 372,000	$ -	$ -	$ -	$ -	$ 372,000
TRAFFIC IMPACT FEES	-	48,000	-	-	-	-	48,000
Total	$ -	$ 420,000	$ -	$ -	$ -	$ -	$ 420,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	Tapo Street Road and Drainage Improvements Project	**Operating Cost:**	
Project No:	CP60000012	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Kamran Panah	**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 July of 2020 and completed by October of 2020.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	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 2018-19 TO 2022-23

Project Title:	Traffic Signal Synchronization Project	**Operating Cost:**	
Project No:	CP60000016	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	David Medina	**Source of Funds:**	General Fund

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 Public Services Center, resulting in savings as the City will no longer need to pay lease payments for this service.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	-	-	150,000	150,000	150,000	150,000	600,000
Total	ON GOING	$ -	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 600,000
SOURCES OF FUNDING:							
GENERAL FUND	$ -	$ -	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 600,000
Total	ON GOING	$ -	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 600,000

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

Project Title: Traffic Signal Upgrades
Project No: CP60000017
Lead Department: Public Works
Project Manager: David Medina

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: General Fund

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ 131,354	$ 180,000	$ 190,000	$ 200,000	$ 210,000	$ 220,000	$ 1,131,354
Total	$ 131,354	$ 180,000	$ 190,000	$ 200,000	$ 210,000	$ 220,000	$ 1,131,354
SOURCES OF FUNDING:							
GENERAL FUND	$ 131,354	$ 180,000	$ 190,000	$ 200,000	$ 210,000	$ 220,000	$ 1,131,354
Total	$ 131,354	$ 180,000	$ 190,000	$ 200,000	$ 210,000	$ 220,000	$ 1,131,354

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

Project Title: West of Los Angeles Ave. Widening Project
Project No: CP60000021
Lead Department: Public Works
Project Manager: Kamran Panah

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: General Fund, Federal Funding

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

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
CONSTRUCTION	$ 3,677,300	$ 1,500,000	$ -	$ -	$ -	$ -	$ 5,177,300
PROFESSIONAL SERVICES	190,000	50,000	-	-	-	-	240,000
Total	$ 3,867,300	$ 1,550,000	$ -	$ -	$ -	$ -	$ 5,417,300
SOURCES OF FUNDING:							
STPL-FEDERAL FUNDING	$ 3,677,300	$ 1,400,000	$ -	$ -	$ -	$ -	$ 5,077,300
GENERAL FUND	190,000	150,000	-	-	-	-	340,000
Total	$ 3,867,300	$ 1,550,000	$ -	$ -	$ -	$ -	$ 5,417,300

THIS PAGE INTENTIONALLY LEFT BLANK

CITY OF SIMI VALLEY

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.

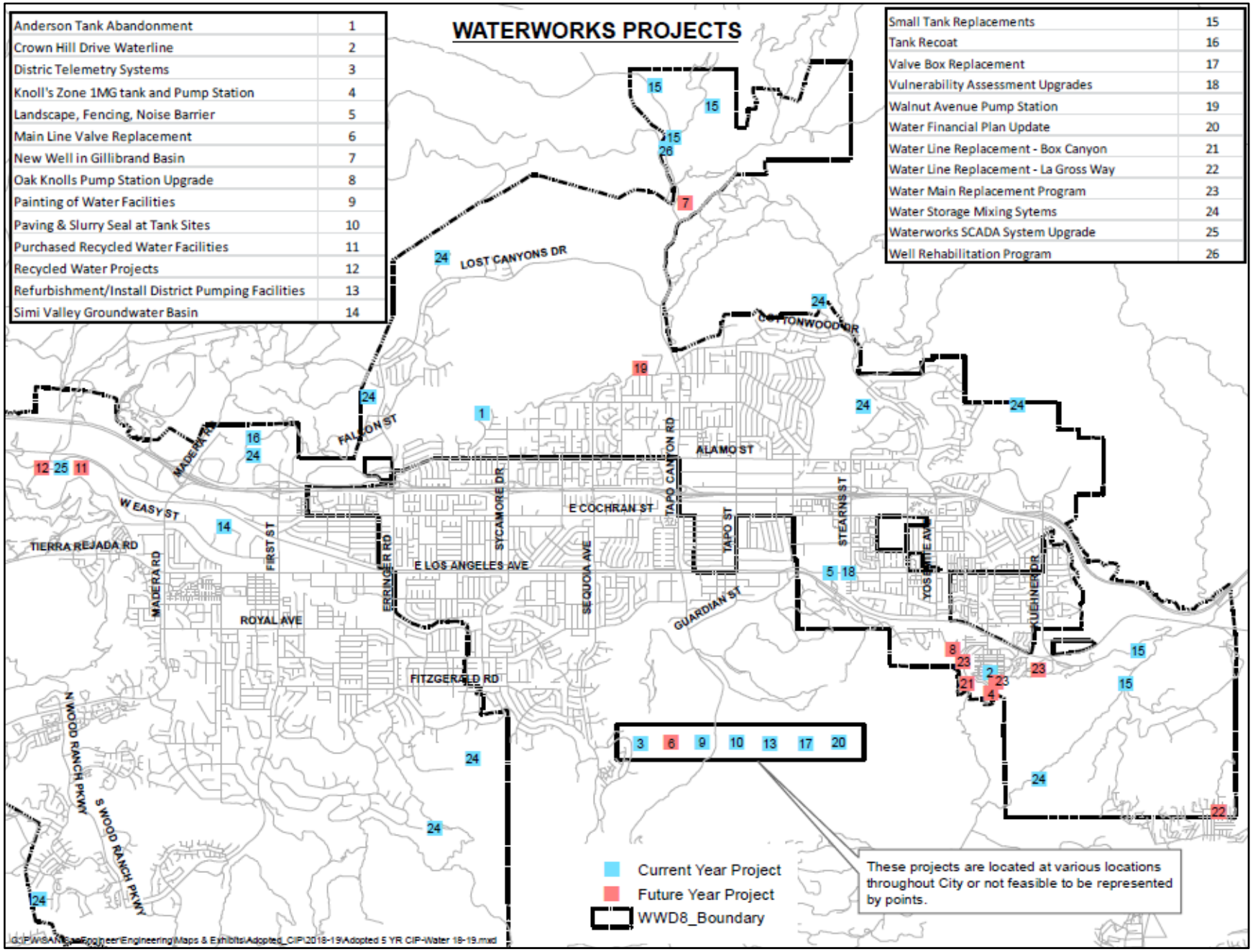
This category contains 26 projects at a total projected five-year cost of $33,644,700, of which $2,174,000 is proposed for FY 2018-19. Some of the FY 2018-19 projects funded by the Replacement Reserve are the abatement of the Anderson tank, maintenance and modifications to security systmes, fencing and screening of tanks, painting exteriers of water facilities, refurbishment of pumps and motors and replacement of small tanks. Projects funded by the Waterworks Capital Fund include the installation of a new waterline at Crown Hill Drive, plans to develop the Simi Valley groundwater basin, the purchase and installation of water mixing systems and an upate to the Waterworks Facilities Assessment and Cost of Service Evaluation.

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.

WATERWORKS PROJECTS

Anderson Tank Abandonment	1
Crown Hill Drive Waterline	2
Distric Telemetry Systems	3
Knoll's Zone 1MG tank and Pump Station	4
Landscape, Fencing, Noise Barrier	5
Main Line Valve Replacement	6
New Well in Gillibrand Basin	7
Oak Knolls Pump Station Upgrade	8
Painting of Water Facilities	9
Paving & Slurry Seal at Tank Sites	10
Purchased Recycled Water Facilities	11
Recycled Water Projects	12
Refurbishment/Install District Pumping Facilities	13
Simi Valley Groundwater Basin	14

Small Tank Replacements	15
Tank Recoat	16
Valve Box Replacement	17
Vulnerability Assessment Upgrades	18
Walnut Avenue Pump Station	19
Water Financial Plan Update	20
Water Line Replacement - Box Canyon	21
Water Line Replacement - La Gross Way	22
Water Main Replacement Program	23
Water Storage Mixing Sytems	24
Waterworks SCADA System Upgrade	25
Well Rehabilitation Program	26



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

Project Title: Anderson Tank Abandonment
Project No: CP76200006
Lead Department: Public Works
Project Manager: Neil Barnsdale

Operating Cost:
First Year:
Subsequent Year:
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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
Total	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
Total	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ 200,000
Consultant Services	-	-	-	-	-	-	-
Total	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ 200,000
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ 200,000
Total	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ 200,000

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

Project Title: District Telemetry Systems
Project No: CP76300014
Lead Department: Public Works
Project Manager: Grover Townsend

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

Project Description: Annual program for ongoing maintenance and modifications to security systems and for support to the District's Supervisory Control and Data Acquisition (or, 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 200,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
Total	$ 200,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 200,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
Total	$ 200,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000

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

Project Title:	Knolls Zone Water Facilities	**Operating Cost:**	
Project No:	CP980320	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	$10,000
Project Manager:	Monsour 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. Construction is scheduled to be completed in FY 2018-19.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 2,500,000	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	325,000	-	-	-	-	-	-
Consultant Services	465,000	-	-	-	-	-	-
Total	$ 2,128,700	$ -	$ -	$ -	$ -	$ -	$ -
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ 2,128,700	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,128,700	$ -	$ -	$ -	$ -	$ -	$ -

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

Project Title:	Landscape, Fencing, Noise Barrier	**Operating Cost:**	
Project No:	CP76300010	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Grover Townsend	**Source of Funds:**	Waterworks Operating 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. FY2018-19 - One time additional expense for the replacement and security upgrade to the Stearns Pump Station Fencing.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 20,000	$ 44,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 84,000
Total	$ 20,000	$ 44,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 84,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 20,000	$ 44,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 84,000
Total	$ 20,000	$ 44,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 84,000

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

Project Title: Main Line Valve Replacement
Project No: CP76300005
Lead Department: Public Works
Project Manager: Grover Townsend

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

Project Description: Annual program for ongoing replacement of main line valves throughout the District Program.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 250,000	$ -	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 625,000
Total	$ 250,000	$ -	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 625,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 250,000	$ -	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 625,000
Total	$ 250,000	$ -	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 625,000

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

Project Title:	New Well in Gillibrand Basin	**Operating Cost:**	
Project No:	CP76200002	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Mansour Moradi	**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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ -	$ -	$ 987,200	$ -	$ -	$ -	$ 987,200
Consultant Services	120,000	-	-	-	-	-	120,000
Total	$ 120,000	$ -	$ 987,200	$ -	$ -	$ -	$ 1,107,200
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ 120,000	$ -	$ 987,200	$ -	$ -	$ -	$ 1,107,200
Total	$ 120,000	$ -	$ 987,200	$ -	$ -	$ -	$ 1,107,200

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

Project Title:	Oak Knolls Pump Station Upgrade	**Operating Cost:**	
Project No:	CP76200001	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	$6,500
Project Manager:	Neil Barnsdale	**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 constructing 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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 350,000	$ -	$ -	$ -	$ -	$ -	$ -
Consultant Services	40,000	-	-	-	-	-	-
Total	$ 390,000	$ -	$ -	$ -	$ -	$ -	$ -
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ 390,000	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 390,000	$ -	$ -	$ -	$ -	$ -	$ -

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title: Painting of Water Facilities
Project No: CP76300011
Lead Department: Public Works
Project Manager: Grover Townsend

Operating Cost:
First Year:
Subsequent Year:
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. This includes the painting of the Wood Ranch #3 Tank.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 120,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 300,000
Total	$ 120,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 300,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 120,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 300,000
Total	$ 120,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 300,000

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

Project Title: Paving & Slurry Seal at Tank Sites
Project No: CP76300009
Lead Department: Public Works
Project Manager: Grover Townsend

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

Project Description: Annual program for crack sealing and seal coat work at Waterworks Tank Sites and Pumping Facilities.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 50,000	$ 30,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 130,000
Total	$ 50,000	$ 30,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 130,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 50,000	$ 30,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 130,000
Total	$ 50,000	$ 30,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 130,000

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

Project Title: Purchase Recycled Water Facilities
Project No: CP76200007
Lead Department: Public Works
Project Manager: Michael Kang

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

Project Description: This project would purchase the existing Recycled Water Pump Station and transmission main pipeline from Calleguas Municipal Water District. An agreement between Calleguas 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 Calleguas. 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:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Consultant Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -
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 2018-19 TO 2022-23

Project Title: Recycled Water Projects
Project No: CP980201
Lead Department: Public Works
Project Manager: Neil Barnsdale

Operating Cost:
First Year:
Subsequent Year: $70,000
Source of Funds: Waterworks Replacement Fund

Project Description: This project is proposed to increase recycled water availability to 70 or more customers in the western area of Simi Valley with as much as 4,250 acre-feet per year of recycled water for irrigation and non-potable water uses. The proposed project would upgrade the existing recycled water pump station at the Water Quality Control Plant, construct a 1 -1.25 MG storage tank, install up to thirteen miles of pipeline, and construct a pump station. In conjunction with street improvements, 4,000 feet of pipeline was constructed in West Los Angeles Avenue/West Easy Street. A $3,000,000 Water Bond grant from the State would help fund project Phases 1 and 2. A State Revolving Fund Loan is being requested to finance the Project beginning in FY 2017-18. The SRF loan is a line of credit with an interest rate of 1 percent over a 30-year term.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Capital Asset	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
Consultant Services	1,554,000	-	-	-	-	-	1,554,000
Construction	6,665,800	-	-	-	-	-	6,665,800
Total	$ 9,719,800	$ -	$ -	$ -	$ -	$ -	$ 9,719,800
SOURCES OF FUNDING:							
State Revolving Fund Loan	$ 3,982,800	$ -	$ -	$ -	$ -	$ -	$ -
Proposition 84 Grant	3,000,000	-	-	-	-	-	-
Waterworks Replacement Fund	2,737,000	-	-	-	-	-	2,737,000
Total	$ 9,719,800	$ -	$ -	$ -	$ -	$ -	$ 9,719,800

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

Project Title: Refurbishment/Install District Pumping Facilities
Project No: CP76300012
Lead Department: Public Works
Project Manager: Grover Townsend

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

Project Description: Annual program for ongoing refurbishment of pumps and motors that are inefficient to operate and are in need of repair or replacement.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 110,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 275,000
Total	$ 110,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 275,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 110,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 275,000
Total	$ 110,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 55,000	$ 275,000

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

Project Title: Simi Valley Groundwater Basin
Project No: CP985141
Lead Department: Public Works
Project Manager: Sarah Sheshebor

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

Project Description: This project would develop plans and required studies to develop the Simi Valley Groundwater Basin into a water supply asset for the Waterworks District. The basin could be a major local resource for the District, with the potential to provide as much as 40% of the water currently imported in. In FY 2016-17, the proposal was to develop a plan for the next five years, and begin on a Basin Management Plan and determine the District's responsibility under the State newly developed Groundwater Management Act that would set a course for using the basin as a water supply. The Salinity Management Pipeline (SMP), meanwhile, is being built by the Calleguas Municipal Water District, and is estimated to extend to Simi Valley by 2022. The SMP is a key component in the conceptual treatment process needed to use the basin, or other alternative local supplies. The completed project would extend beyond the term of this 5-year Capital Improvement Program, and would conceivably cost $50 million or more in total, but is expected to be cost effective, saving over $7 million per year in water purchase costs.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Property Acquisition	$ -	$ -	$ 3,000,000	-	$ -	$ -	$ 3,000,000
Consultant Services	600,000	200,000	100,000	-	-	-	900,000
Total	$ 600,000	$ 200,000	$ 3,100,000	-	$ -	$ -	$ 3,900,000
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ 600,000	$ 200,000	$ 3,100,000	-	$ -	$ -	$ 3,900,000
Total	$ 600,000	$ 200,000	$ 3,100,000	$ -	$ -	$ -	$ 3,900,000

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

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 FY 2016-17. Well 31 and 32 Tank are scheduled for FY 2017-18 and Station No. 2 Tank is scheduled for FY 2018-19.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 665,000	$ 250,000	$ -	$ -	$ -	$ -	$ 915,000
Consultant Services	90,000	50,000	-	-	-	-	140,000
Total	$ 755,000	$ 300,000	$ -	$ -	$ -	$ -	$ 1,055,000
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 755,000	$ 300,000	$ -	$ -	$ -	$ -	$ 1,055,000
Total	$ 755,000	$ 300,000	$ -	$ -	$ -	$ -	$ 1,055,000

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

Project Title:	Tank Recoat and Repair Program	**Operating Cost:**	
Project No:	CP76300016	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Grover Townsend	**Source of Funds:**	Waterworks Operating Fund

Project Description: This program provides for the interior recoating and repair of the District's water storage tanks. The District maintains 42 tanks and many have been in service for 50+ years and the interior coatings and structural members have experienced severe corrosion and require replacement. The longevity of the tanks are significantly increased if they are repaired and recoated ("R&R") enhancing reliability in a cost effective manner. Also, some of the tanks that were previously recoated need rafter repair. Based on earlier tank inspection and assessment, the schedule of work includes Walnut Tank No. 1 R&R and Marr Ranch Tank No. 1 Rafter repairs in FY 2018-19, Walnut Tank No. 2 R&R and Hilltop Tank Rafter repairs in FY 2019-20, Flanagan Tank R&R in FY 2020-21, and Alta Vista Tank No. 1 R&R in FY 2021-22.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Consultant Services	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 25,000	$ -	$ 175,000
Construction	110,000	350,000	480,000	430,000	100,000	-	1,360,000
Total	$ 160,000	$ 400,000	$ 530,000	$ 480,000	$ 125,000	$ -	$ 1,535,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 160,000	$ 400,000	$ 530,000	$ 480,000	$ 125,000	$ -	$ 1,535,000
Total	$ 160,000	$ 400,000	$ 530,000	$ 480,000	$ 125,000	$ -	$ 1,535,000

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

Project Title: Valve Box Replacement
Project No: CP76300013
Lead Department: Public Works
Project Manager: Grover Townsend

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

Project Description: Annual program for ongoing valve box replacements throughout the District.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Maintenance	$ 30,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000
Total	$ 30,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 30,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000
Total	$ 30,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2018-19 TO 2022-23

Project Title: Vulnerability Assessment Upgrades
Project No: CP76300015
Lead Department: Public Works
Project Manager: Grover Townsend

Operating Cost:
First Year:
Subsequent Year:
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 10 years old. One time expense for the Security upgrade to the intrusion system at Stearns Pump Station and Storage Yard in FY 2018/19.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Vulnerability Assessment Upgrades	$ 120,000	$ 70,000	$ 60,000	$ 60,000	$ -	$ 60,000	$ 250,000
Total	$ 120,000	$ 70,000	$ 60,000	$ 60,000	$ -	$ 60,000	$ 250,000
SOURCES OF FUNDING:							
Waterworks Operating Fund	$ 120,000	$ 70,000	$ 60,000	$ 60,000	$ -	$ 60,000	$ 250,000
Total	$ 120,000	$ 70,000	$ 60,000	$ 60,000	$ -	$ 60,000	$ 250,000

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

Project Title: Walnut Avenue Pump Station
Project No: CP980460
Lead Department: Public Works
Project Manager: Michael Kang

Operating Cost:
First Year:
Subsequent Year: $10,000
Source of Funds: Waterworks Replacement Fund

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.

EXPENDITURE PLAN:	Prior Yr	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 20,000	$ -	$ 460,000	$ -	$ -	$ -	$ 480,000
Consultant Services	40,000	-	40,000	-	-	-	80,000
Total	$ 60,000	$ -	$ 500,000	$ -	$ -	$ -	$ 560,000
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 60,000	$ -	$ 500,000	$ -	$ -	$ -	$ 560,000
Total	$ 60,000	$ -	$ 500,000	$ -	$ -	$ -	$ 560,000

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

Project Title:	Water Line Replacement - Box Canyon	**Operating Cost:**	
Project No:	CP980440	**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 relocate approximately 400 feet of 12-inch pipeline that currently runs from Station No. 3 Pump Station to Rocketdyne Tank. The relocation is needed as the current alignment is installed in a roadway, and the shallow installation is causing exposure of the pipe. Staff has explored realigning the roadway as an alternative and recommends installing a new line deeper than the existing with more coverage to provide protection from the roadway. Also, since this is a main transmission line with no redundant supply, $35,000 is recommended to be added to the project budget to provide temporary piping to supply water during construction.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 260,000	$ -	$ -	$ -	$ -	$ -	$ -
Consultant Services	35,000	-	-	-	-	-	-
Total	$ 295,000	$ -	$ -	$ -	$ -	$ -	$ -
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 295,000	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 295,000	$ -	$ -	$ -	$ -	$ -	$ -

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

Project Title:	Water Line Replacement - La Gross Way	**Operating Cost:**	
Project No:	CP76300006	**First Year:**	
Lead Department:	Public Works	**Subsequent Year:**	
Project Manager:	Neil Barnsdale	**Source of Funds:**	Waterworks Replacement Fund

Project Description: This project is proposed to relocate approximately 400 feet of 12-inch pipeline that currently runs from Station No. 3 Pump Station to Rocketdyne Tank. The relocation is needed as the current alignment is installed in a roadway, and the shallow installation is causing exposure of the pipe. Staff has explored realigning the roadway as an alternative and recommends installing a new line deeper than the existing with more coverage to provide protection from the roadway. Also, since this is a main transmission line with no redundant supply, $35,000 is recommended to be added to the project budget to provide temporary piping to supply water during construction.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -
Consultant Services	10,000	-	-	-	-	-	-
Total	$ 160,000	$ -	$ -	$ -	$ -	$ -	$ -
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 160,000	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 160,000	$ -	$ -	$ -	$ -	$ -	$ -

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

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

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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 1,000,000	$ -	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 4,000,000
Consultant Services	100,000	-	50,000	50,000	50,000	50,000	200,000
Total	$ 1,100,000	$ -	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 4,200,000
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 1,100,000	$ -	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 4,200,000
Total	$ 1,100,000	$ -	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 1,050,000	$ 4,200,000

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

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 FY 2016-17. Big Sky #1, Madera #1, and Rocketdyne Tank systems are scheduled in FY 2017-18. Stearns #2, Wood Ranch #1, and Wood Ranch #2 are planned for FY 2018-19, which will likely complete the program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 350,000	$ 140,000	$ -	$ -	$ -	$ -	$ 490,000
Consultant Services	10,000	15,000	-	-	-	-	25,000
Total	$ 360,000	$ 155,000	$ -	$ -	$ -	$ -	$ 515,000
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ 360,000	$ 155,000	$ -	$ -	$ -	$ -	$ 515,000
Total	$ 360,000	$ 155,000	$ -	$ -	$ -	$ -	$ 515,000

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

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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Consultant Services	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
Total	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
SOURCES OF FUNDING:							
Waterworks Capital Fund	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
Total	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000

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

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 System Control and Data Acquisition ("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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Construction	$ 350,000	$ 225,000	$ -	$ -	$ -	$ -	$ 225,000
Consultant Services	150,000	75,000	-	-	-	-	75,000
Total	$ 500,000	$ 300,000	$ -	$ -	$ -	$ -	$ 300,000
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 500,000	$ 300,000	$ -	$ -	$ -	$ -	$ 300,000
Total	$ 500,000	$ 300,000	$ -	$ -	$ -	$ -	$ 300,000

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

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 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:	Prior Yr Funds	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Total
Consultant Services	$ 60,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 50,000
Construction	180,000	70,000	70,000	70,000	70,000	70,000	350,000
Total	$ 240,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 400,000
SOURCES OF FUNDING:							
Waterworks Replacement Fund	$ 240,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 400,000
Total	$ 240,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 400,000

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. For all agencies in the State of California, assessed value is established by the County for the secured and unsecured property tax rolls; the utility property tax roll is valued by the State Board of Equalization. Under Article XIII of the State Constitution (Proposition 13 adopted by the voters on June 6, 1978), properties are assessed at 100% of full value. Proposition 13 also modified the value of real taxable property for fiscal 1979 by rolling back values to fiscal 1976 levels. From this base of assessment, subsequent annual increases in valuation are limited to a maximum of 2%. However, increases to full value are allowed for property improvements or upon change in ownership. Personal property is excluded from these limitations, and is subject to annual reappraisal.

Audit

Prepared by an independent certified public accountant (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 generally accepted accounting principles. 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 at mid-year if necessary.

Budget Supplemental Appropriation

Under City Ordinance, the City Council has the sole responsibility for adopting the City's budget, and may amend or supplement the budget at any time after adoption by majority vote. The City Manager has the authority to approve administrative adjustments to the budget as long as those changes will not have a significant policy impact nor affect budgeted year-end fund balances.

GLOSSARY

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.

Budget 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 Project 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 Instrument

Methods of borrowing funds, including general obligations (G.O.) bonds, revenue bonds, lease/purchase agreements, lease-revenue bonds, tax allocation bonds, certificates of participation (COP's), and assessment district bonds. (See Bonds and Revenue Bonds)

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 of cost centers within a department that has responsibility for one or more program areas.

GLOSSARY

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.

Fiscal Year

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

Fixed Assets

Assets of long-term nature such as land, buildings, machinery, furniture, and other equipment. The City has defined such assets as those with an expected life in excess of one year and an acquisition cost in excess of $5,000.

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.

Interfund Transfer

Monies transferred from one fund to another. These transfers may finance the operations of another fund or to reimburse the fund for certain expenditures/expenses.

GLOSSARY

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.

Materials, Supplies and Services

Expenditures/expenses which are ordinarily consumed within a fiscal year and which are not included in departmental inventories.

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 **G**overnmental Accounting Standards Board **(**GASB**)** Statement No. 45.

Operating Budget

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

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 lease 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.

GLOSSARY

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 & ABBREVIATIONS

ADA
Americans With Disabilities Act

APCD
Air Pollution Control District

ARRA
American Recovery and Reinvestment Act

BTC
Business Tenancy Certificate

CAC
Simi Valley Cultural Arts Center

CAFR
Comprehensive Annual Financial Report

Cal EMA
California Emergency Management Agency

CAL/OSHA
California Occupational Safety and Health Administration

CARB
California Air Resources Board

CDA
Simi Valley Community Development Successor Agency

CEB
Continuing Education of the Bar

CDBG
Federal Community Development Block Grants Program

CDIAC
California Debt and Investment Advisory Commission

CEQA or C.E.Q.A.
California Environmental Quality Act

CERT
City Emergency Response Team

CFD
Mello-Roos Community Facility District

CHP
California Highway Patrol

CIP
Capital Improvement Program

CIT
Crisis Intervention Team

CLETS
California Law Enforcement Telecommunications System

CNG
Compressed Natural gas

CMWD
Calleguas Municipal Water District

COA
Simi Valley Council on Aging

CPI-U
Consumer Price Index for All Urban Consumers

CSMFO
California Society of Municipal Finance Officers

DAR
Dial-A-Ride Service

DBE
Disadvantaged Business Enterprise

DMV
California Department of Motor Vehicles

EIR
Environmental Impact Report

EOC
Emergency Operations Center

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

ESRI
Environmental Systems Research Institute

ACRONYMS & ABBREVIATIONS

FBRR
Fare Box Recovery Ratio

FEMA
Federal Emergency Management Agency

FIS
Simi Valley Financial Information System

GFOA
Government Finance Officers Association

GIS
Geographic Information System

HUD
Federal Department of Housing and Urban Development

IACG
Ventura County Inter-agency Coordination Group

IPS
Integrated Police Systems

JPA
Joint Powers Agreement

LAFCO
Local Agency Formation Commission

LAIF or L.A.I.F
California State Treasurer's Local Agency Investment Fund

LEED
Leadership in Energy and Environmental

LTF
Local Transportation Funds

MCC
Mortgage Credit Certificate Program

MCLE
Minimum Continuing Legal Education

MOA
Memorandum of Agreement

MOU
Memorandum of Understanding

MOW
Meals-On-Wheels Program

MS4
Municipal Separate Storm Sewer System

MUSTS
Municipal Unsafe Structure Tracking System

NEPA
National Environmental Policy Act

NIMS
National Incident Management System

NPDES
National Pollutant Discharge Elimination System

PERS
California Public Employees Retirement System

PSA
Police Services Assistant

PSAP
Primary System Answering Point

POA
Simi Valley Police Officers' Association

POST or P.O.S.T.
Police Officer Standardized Training

PSC
Simi Valley Public Services Center

RFP
Request for Proposals

SAP
Fully integrated computer business software program used by the City of Simi Valley

SCAG
Southern California Association of Governments

SEP
Simplified Express Permitting

SRO
School Resource Officer

SSC
Schedule of Service Charges

SVMC
Simi Valley Municipal Code

ACRONYMS & ABBREVIATIONS

SWT
Special Weapons and Tactics

TARP
Teen Assistance and Resource Program

TEA
Tax Equity Allocation

TRAK
Technology to Recover Abducted Kids System

USEPA
United States Environmental Protection Agency

VCAT
Ventura County Combined Agency Task Force

VCIJIS
Ventura County Integrated Justice Information System

VCOG
Ventura Council of Governments

VCTC
Ventura County Transportation Commission

VERSATERM
Integrated Police Systems Software

VPN
Virtual Private Network

WAN
Wide Area Network

YES
Youth Employment Services Program

INDEX

CITY MANAGER'S MESSAGE	i
CHART - FIVE YEAR PLAN BY CATEGORY AND YEAR	19
CHART - INCREASE IN OPERATING EXPENSES	22
CHART - PROGRAM FUNDING SOURCES	18
CHART - PROGRAM SUMMARY BY FISCAL YEAR	20
CHART - SUMMARY BY CATEGORY	8
GLOSSARY OF TERMS	139
INDEX	147
MAP - MUNICIPAL BUILDINGS AND GROUNDS PROJECTS	24
MAP - SANITATION PROJECTS	42
MAP - STREETS AND ROADS PROJECTS	94
MAP - TECHNOLOGY PROJECTS	78
MAP - TRANSIT PROJECTS	82
MAP - WATERWORKS DISTRICT PROJECTS	112
OPERATING COST IMPACT SUMMARY	21
PROJECTS - MUNICIPAL BUILDINGS AND GROUNDS	23
PROJECTS - SANITATION	41
PROJECTS - STREETS AND ROADS	93
PROJECTS - TECHNOLOGY	77
PROJECTS - TRANSIT	81
PROJECTS - WATERWORKS DISTRICT	111
SUMMARY BY CATEGORY	1
SUMMARY BY CATEGORY AND PROJECT	2
SUMMARY BY FUND AND PROJECT	9

THIS PAGE INTENTIONALLY LEFT BLANK

CITY OF SIMI VALLEY