

CITY OF SIMI VALLEY

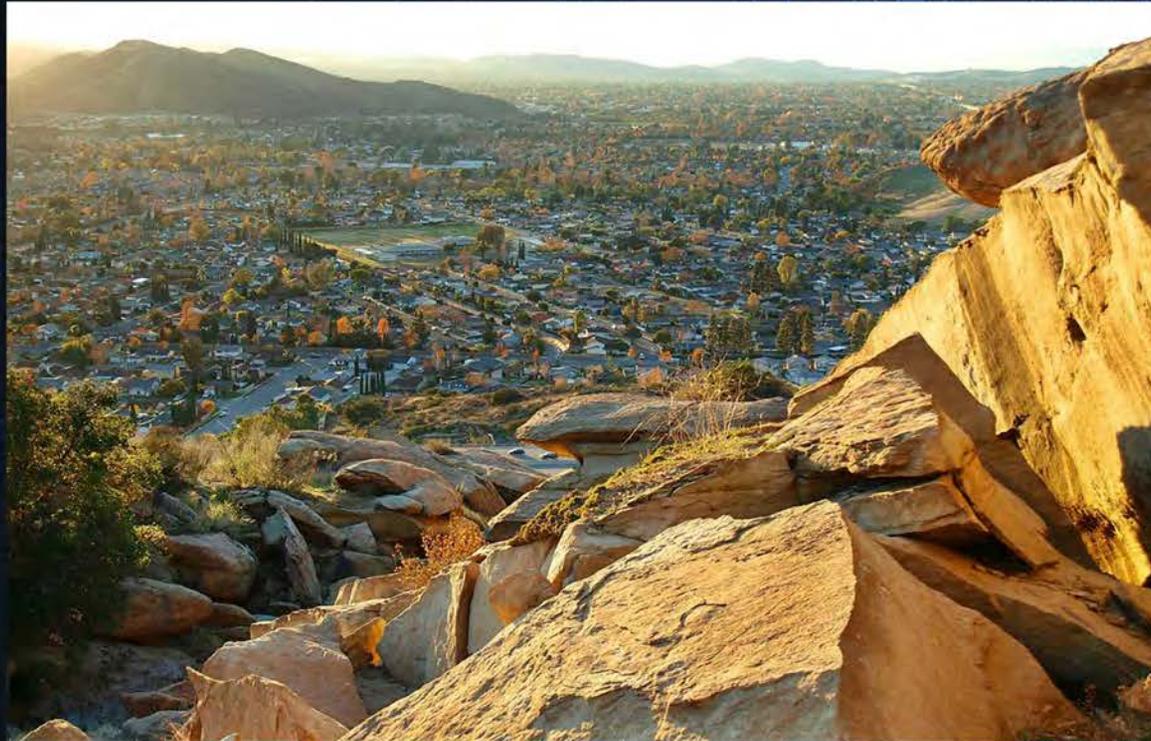
FISCAL YEAR 2016-17



PROPOSED FIVE YEAR
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

CITY OF SIMI VALLEY

FISCAL YEAR 2016-17



PROPOSED FIVE YEAR
CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2016-17 TO 2020-21

Bob Huber, Mayor Keith L. Mashburn, Mayor Pro Tem Glen T. Becerra, Council Member Steven T. Sojka, Council Member Mike Judge, Council Member

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May 13, 2016

Dear Members of the City Council/Boards of Directors:

It is my pleasure to submit to you the Proposed Five-Year Capital Improvement Program (CIP) for FY 2016-17 to FY 2020-21. 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 2016-17. 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 as a result of completing them.

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

Bob Huber, Mayor Keith L. Mashburn, Mayor Pro Tem Glen T. Becerra, Council Member Steven T. Sojka, Council Member Mike Judge, Council Member

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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 89 projects at an estimated five-year cost of \$167,347,900 are contained in the Proposed CIP. Of that amount, \$20,919,200 was appropriated in prior years. Funding for FY 2016-17, included in the annual budget, is proposed at \$30,481,300. The balance of \$115,947,400 is proposed by departments for funding in FY 2017-18 to FY 2020-21.

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 2016-17 Capital Improvement Program continues the City Council’s priority to design and construct the West Simi Valley Recycled Water Project. In addition to the City’s normal prioritization, we are increasing capital expenditures in the Sanitation Fund in line with the outlined priorities determined during the rate increase discussions. In addition, the City continues to look for ways to increase funding for the street paving program.

Notable projects and programs in FY 2016-17 are as follows:

- \$5.5 million in facility improvements to maintain our civic infrastructure, including continued work on the City Hall facility, improvements to our broadcasting equipment, repairs to the Library and Cultural Arts Center buildings, improvements to the former Development Services Building to prepare for the Under One Roof tenancy, and construction of a new police practice range and training facility;
- \$3.4 million in streets and roads projects including \$1.5 million toward local residential streets as part of the Annual Minor Street Overlay Program, \$860,000 toward local major streets, \$200,000 toward Phase 3 of the Arroyo Simi

Greenway Bike Trail project, and \$464,000 toward the widening of West Los Angeles Avenue from the Public Service Center to the City Limits to the west.

- Over \$5 million in funding for projects to repair sewer lines and refurbish the City's aging Water Quality Control Plant. These activities are part of a 20-year, \$90.5 million program to replace aging sewerlines and refurbish an aging sewage treatment plant.
- Over \$2 million in funding for projects to repair and rehabilitate the water treatment, storage, and distribution system, as well as \$7.9 million to continue the recycled water system in West Simi Valley. This will expand recycled water service to paying customers with large irrigation or non-potable water demands, reducing imported water purchases by the Waterworks District and improving water supply reliability.
- Over \$3.5 million in important technology projects which includes a new Enterprise Resource Planning (ERP) system to replace the City's outdated financial, HR, land management, and other critical business systems, and funding toward the replacement of the City's 21 year old telephone system which will no longer be supported soon.

Ongoing Operating Expenses

The projected annual increase in operations and maintenance expense in FY 2016-17, as a result of projects scheduled for completion in FY 2016-17, is \$279,900 with \$266,900 from the General Fund and \$13,000 from the Waterworks District. If all projects scheduled in the CIP are completed, that amount will increase to \$664,900 per year as new projects are completed and put into service. The following table identifies the anticipated cumulative increases in operating expenses by fund and fiscal year.

PROJECTED CUMULATIVE INCREASE IN OPERATING EXPENSES

<u>Fund</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
General Fund	\$ 266,900	\$ 571,900	\$ 571,900	\$ 571,900	\$ 571,900
Waterworks District Operating Fund	\$ 13,000	\$ 17,000	\$ 93,000	\$ 93,000	\$ 93,000
Total Increase	\$ 279,900	\$ 588,900	\$ 664,900	\$ 664,900	\$ 664,900

Funding Sources

The City relies primarily upon non-General Fund revenue sources for its projects which results in the inability to keep pace with scheduled projects. As City revenues have remained fairly flat during the recent recession 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 and Waterworks Replacements Funds comprised the two largest funding sources 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 a modest \$300,000 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 front funds for design and construction of the new Police Training Facility and shooting range, and also to pay for various facility and technology improvements.

Finally, contributions from Waste Management and the City's air quality mitigation trust funds 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 internal orders to track

revenues and expenditures and to prevent overexpenditures without proper authorization.

Project budget reports can be generated on demand by operating departments. In addition, comprehensive reviews of both operating funds and capital projects are submitted to the City Council at the first quarter and at mid-year of each fiscal year. They are reviewed publicly at regularly scheduled City Council meetings.

Summary

The Five-Year Capital Improvement Program for FY 2016-17 to FY 2020-21 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 2016-17 are also contained in the Proposed Budget and Supporting Document, which are published separately. The projected development costs, operating costs, and sources of funding for projects proposed for implementation during FY 2016-17 to 2020-21 are provided to assist the City Council/Boards of Directors in making informed budget decisions for FY 2016-17.



Eric J. Levitt
City Manager

SUMMARY INFORMATION

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY CATEGORY

Category	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
Municipal Buildings and Grounds	\$ 1,329,800	\$ 5,461,400	\$ 415,000	\$ 535,000	\$ 725,000	\$ 1,550,000	\$ 10,016,200
Sanitation	1,615,000	5,080,000	11,783,000	10,726,000	10,070,000	7,570,000	46,844,000
Technology	1,490,200	3,551,000	1,268,400	854,300	425,200	288,900	7,878,000
Transit	2,584,500	3,102,700	1,250,000	310,000	1,790,100	-	9,037,300
Streets and Roads	6,889,600	3,414,000	4,316,000	6,364,500	14,530,000	10,630,000	46,144,100
Waterworks	7,010,100	9,872,200	9,739,800	5,371,300	4,894,900	10,540,000	47,428,300
CITYWIDE TOTAL	\$ 20,919,200	\$ 30,481,300	\$ 28,772,200	\$ 24,161,100	\$ 32,435,200	\$ 30,578,900	\$ 167,347,900

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
<u>Municipal Buildings and Grounds Projects</u>							
Broadcast Equipment	\$ -	\$ 375,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 675,000
City Hall Lobby	-	-	125,000	-	-	-	125,000
City Hall Renovations	590,800	1,088,700	-	-	-	-	1,679,500
Community Room	-	450,000	-	-	-	-	450,000
Council Chambers	-	250,000	-	-	-	-	250,000
Cultural Arts Center Repairs	-	60,000	45,000	40,000	30,000	115,000	290,000
Cultural Arts Center Studio	-	-	-	150,000	450,000	-	600,000
Development Services Building	439,000	410,700	-	-	-	-	849,700
Library Repairs	150,000	100,000	100,000	200,000	100,000	1,000,000	1,650,000
Police Training Facility	150,000	2,667,000	75,000	75,000	75,000	75,000	3,117,000
Senior Center Repairs	-	60,000	70,000	70,000	70,000	60,000	330,000
Total for Category	\$ 1,329,800	\$ 5,461,400	\$ 415,000	\$ 535,000	\$ 725,000	\$ 1,550,000	\$ 10,016,200
<u>Sanitation Projects</u>							
10-12" Sewerline	\$ 100,000	\$ -	\$ -	\$ 970,000	\$ -	\$ -	\$ 1,070,000
10-20" Sewerline	-	-	-	-	100,000	1,950,000	2,050,000
10-27 Sewerline	-	-	-	150,000	1,000,000	-	1,150,000
24-36 Sewerline	30,000	-	950,000	-	-	-	980,000
Annual Assessment	-	100,000	100,000	100,000	100,000	100,000	500,000
Arroyo Lift Station Rehabilitation	-	-	90,000	-	-	-	90,000
Beaumont Cochran Sewerline Rehabilitation	25,000	330,000	-	-	-	-	355,000
BNR Blowers Rebuild	-	-	-	-	-	1,500,000	1,500,000
BNR Mixer Replacement	-	-	344,000	-	-	-	344,000
BNR West Recycle Pumps Replacement	-	-	-	-	260,000	-	260,000
Chlorine, WAS Pump	-	-	170,000	-	-	-	170,000

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Category/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
Sanitation Projects (continued)							
Concrete Structural Study	-	195,000	-	-	-	-	195,000
Dewatering Equipment Replacement	150,000	225,000	2,275,000	-	-	-	2,650,000
Digesters Rehabilitation Project	150,000	510,000	520,000	2,080,000	-	-	3,260,000
East BNR Aeration Replacement	-	450,000	-	-	-	-	450,000
Easy Street and Arroyo Simi Sewer Rehabilitation	-	-	-	-	510,000	-	510,000
FEB & Primary Sludge Pump Replacement	-	-	-	336,000	-	-	336,000
Filter Equipment Replacement	-	-	-	-	620,000	-	620,000
First/Fifth/Royal/Ventura Sewerline	-	-	-	50,000	2,480,000	-	2,530,000
Grit Classifier Equipment Upgrade	-	-	-	-	150,000	500,000	650,000
Grit Pumps Replacement	-	-	144,000	-	-	-	144,000
Headworks Building Upgrade	-	125,000	400,000	1,000,000	1,000,000	1,000,000	3,525,000
Justin Avenue Sewerline Rehabilitation	-	-	-	-	450,000	-	450,000
LA Ave (Bishop-Barnes) Sewerline Rehabilitation	100,000	2,220,000	-	-	-	-	2,320,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	-	75,000	-	2,100,000	2,100,000	2,100,000	6,375,000
Plant Water System Pump Replacement	410,000	150,000	660,000	-	-	-	1,220,000
Primary Clarifier Equipment Replacement	-	-	-	-	100,000	420,000	520,000
Public Works Warehouse	150,000	50,000	1,020,000	-	-	-	1,220,000
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
SCADA System Upgrade	450,000	250,000	-	-	-	-	700,000
Secondary Clarification Equipment Replacement	-	200,000	500,000	1,000,000	-	-	1,700,000
Strathearn Place-Arroyo Simi Sewerline Rehabilitation	-	50,000	2,480,000	-	-	-	2,530,000
WQCP Road Paving	-	150,000	150,000	150,000	-	-	450,000
Total For Category	\$ 1,615,000	\$ 5,080,000	\$ 11,783,000	\$ 10,726,000	\$ 10,070,000	\$ 7,570,000	\$ 46,844,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year							Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21		
Streets and Roads Projects								
Annual Major Street Rehabilitation Program	ONGOING	\$ 860,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 5,660,000
Annual Minor Street Overlay Program	ONGOING	1,500,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	8,300,000
Arroyo Simi Bike Trail Phase 3		1,394,000	200,000	-	-	-	-	1,594,000
Barnard St. Bridge Rehabilitation		-	-	150,000	500,000	-	-	650,000
Bicycle and Pedestrian Facilities	ONGOING	50,000	120,000	120,000	120,000	120,000	120,000	530,000
Dewatering Wells Rehabilitation		170,000	-	120,000	120,000	120,000	120,000	650,000
Highway Safety Improvement Program		297,000	-	50,000	50,000	50,000	50,000	497,000
Landscape Beautification		320,000	80,000	80,000	80,000	80,000	80,000	720,000
Las Lajas Creek Bridge Widening		1,260,300	40,000	-	-	-	-	1,300,300
LA Ave Widening (Church St-Tapo Cyn Drain)		-	220,000	-	-	-	-	220,000
LA Avenue Bridge West of First St		-	-	-	1,700,000	9,510,000	-	11,210,000
Madera Rd Bridge Rehab South of the 118		-	-	66,000	354,500	-	-	420,500
Storm Drain Improvements		-	-	200,000	200,000	200,000	200,000	800,000
Tapo Canyon Creek Bridge Widening		-	-	-	-	1,200,000	6,800,000	8,000,000
Tapo Street Road/Drainage Improvements		-	-	300,000	-	-	-	300,000
Traffic Signal Synchronization	ONGOING	-	-	150,000	150,000	150,000	150,000	600,000
Upgrades to Traffic Signals		-	-	180,000	190,000	200,000	210,000	780,000
West LA Widening (PSC - City Limits)		3,448,300	464,000	-	-	-	-	3,912,300
Total For Category		\$ 6,889,600	\$ 3,414,000	\$ 4,316,000	\$ 6,364,500	\$ 14,530,000	\$ 10,630,000	\$ 46,144,100
Technology Projects								
Financial Information System Replacement		\$ 1,490,200	\$ 1,551,000	\$ 1,268,400	\$ 854,300	\$ 425,200	\$ 288,900	\$ 5,878,000
City Telephone System Replacement		-	2,000,000	-	-	-	-	2,000,000
Total For Category		\$ 1,490,200	\$ 3,551,000	\$ 1,268,400	\$ 854,300	\$ 425,200	\$ 288,900	\$ 7,878,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY CATEGORY AND PROJECT

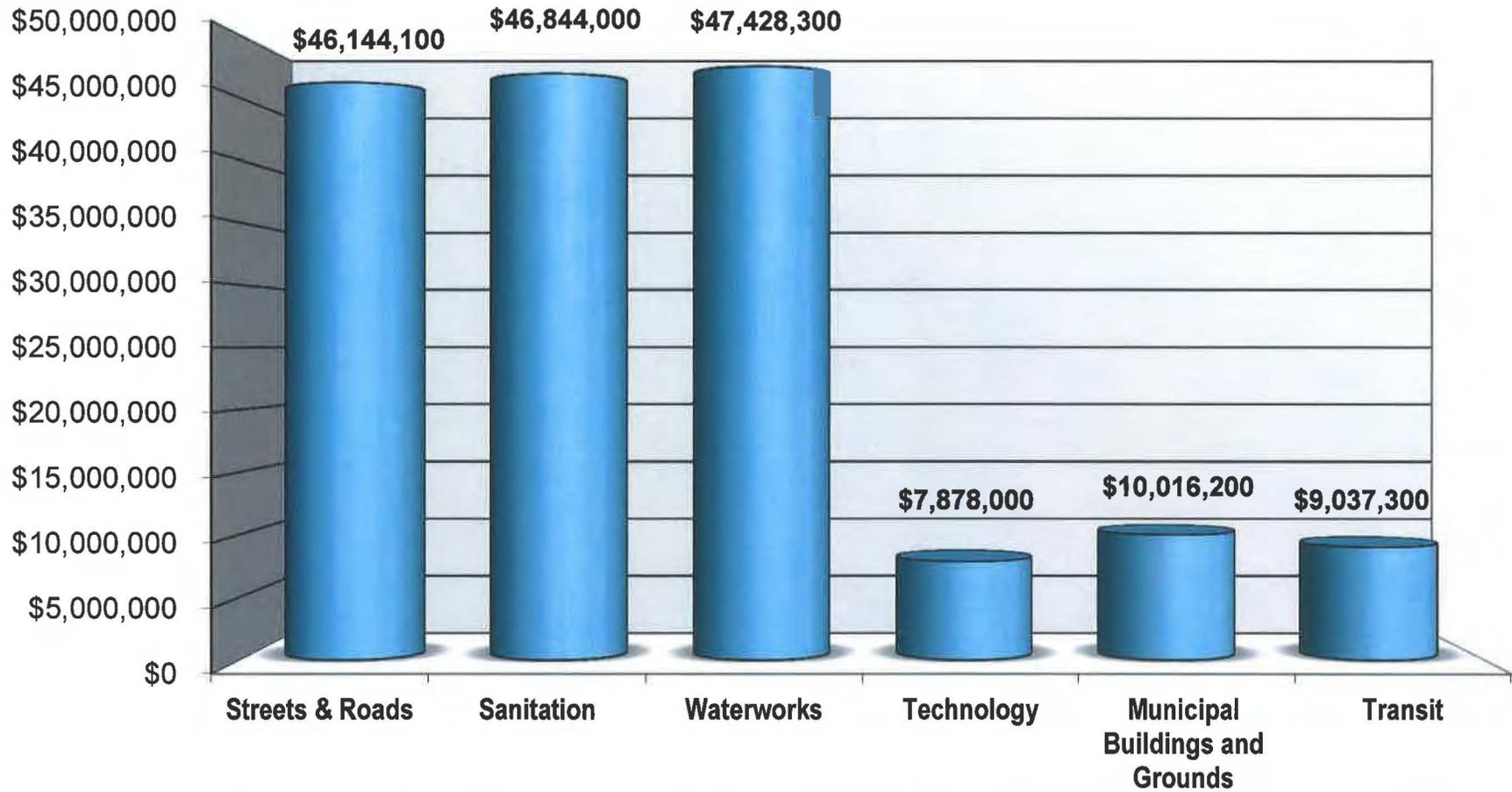
Category/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
Transit Projects							
BioGas Fueling Station	\$ -	\$ -	\$ 200,000	\$ 310,000	\$ 1,190,000	\$ -	\$ 1,700,000
CNG Fueling Upgrade	-	1,324,700	-	-	-	-	1,324,700
Farebox Upgrade	63,700	21,800	-	-	-	-	85,500
Fixed-Route Bus Replacements	-	1,250,000	625,000	-	-	-	1,875,000
Paratransit Dispatching Software	40,800	40,800	-	-	-	-	81,600
Paratransit Van Replacements	2,480,000	-	-	-	600,100	-	3,080,100
Transit Maintenance Facility Expansion	-	370,400	-	-	-	-	370,400
Transit Management System	-	-	425,000	-	-	-	425,000
Voice Announcement System	-	95,000	-	-	-	-	95,000
Total For Category	\$ 2,584,500	\$ 3,102,700	\$ 1,250,000	\$ 310,000	\$ 1,790,100	\$ -	\$ 9,037,300
Waterworks District Projects							
Interior Tank Recoating	\$ -	\$ 300,000	\$ 285,000	\$ 360,000	\$ 300,000	\$ 200,000	\$ 1,445,000
Knoll's Zone 1MG tank and Pump Station	1,161,300	500,000	1,400,000	-	-	-	3,061,300
New Well in Gillibrand Basin	-	-	-	-	380,000	840,000	1,220,000
Recycled Water Projects	4,719,800	8,037,200	5,824,800	2,731,300	1,969,900	-	23,283,000
SCADA Upgrade	-	250,000	250,000	-	-	-	500,000
Simi Valley Groundwater Basin Facilities	-	250,000	350,000	200,000	200,000	7,500,000	8,500,000
Small Tank Replacements	540,000	60,000	-	-	-	-	600,000
Walnut Avenue Pump Station Replacement	-	60,000	500,000	-	-	-	560,000
Waterline Extension in Rollins Road	64,000	105,000	-	-	-	-	169,000
Waterline Relocation - Box Canyon	220,000	40,000	-	-	-	-	260,000

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PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
<u>Waterworks District Projects (continued)</u>							
Water Main Improvements/Replacements (New)	-	100,000	1,000,000	2,000,000	2,000,000	2,000,000	7,100,000
Water Storage Mixing Sytems	225,000	90,000	50,000	-	-	-	365,000
Well Rehab	80,000	80,000	80,000	80,000	45,000	-	365,000
Total For Category	\$ 7,010,100	\$ 9,872,200	\$ 9,739,800	\$ 5,371,300	\$ 4,894,900	\$ 10,540,000	\$ 47,428,300
 CITYWIDE TOTAL	 \$ 20,919,200	 \$ 30,481,300	 \$ 28,772,200	 \$ 24,161,100	 \$ 32,435,200	 \$ 30,578,900	 \$ 167,347,900

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PLAN SUMMARY BY CATEGORY \$167,347,900



CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year							Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21		
General Fund (100)								
Annual Major Street Rehabilitation Program	\$ -	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,250,000	
Annual Minor Street Overlay Program	-	250,000	1,000,000	1,000,000	1,000,000	1,000,000	4,250,000	
Barnard St. Bridge Rehabilitation	-	-	17,200	57,300	-	-	74,500	
Bicycle and Pedestrian Facilities	-	-	60,000	60,000	60,000	60,000	240,000	
City Hall Renovations	125,000	-	-	-	-	-	125,000	
Dewatering Wells Rehabilitation	170,000	-	120,000	120,000	120,000	120,000	650,000	
Financial Information System Replacement	-	198,500	198,500	198,500	186,500	162,800	944,800	
Highway Safety Improvement Program	29,000	-	50,000	50,000	50,000	50,000	229,000	
Las Lajas Creek Bridge Widening	136,000	-	-	-	-	-	136,000	
Los Angeles Avenue Bridge Replacement	-	-	-	195,000	1,090,800	-	1,285,800	
Storm Drain Improvements	-	-	200,000	200,000	200,000	200,000	800,000	
Tapo Canyon Creek Bridge Widening	-	-	-	-	137,600	780,000	917,600	
Tapo Street Road/Drainage Improvements	-	-	300,000	-	-	-	300,000	
Traffic Signal Synchronization	-	-	150,000	150,000	150,000	150,000	600,000	
Upgrades to Traffic Signals	-	-	180,000	190,000	200,000	210,000	780,000	
West LA Widening (PSC - City Limits)	235,000	-	-	-	-	-	235,000	
Total For Fund	\$ 695,000	\$ 698,500	\$ 3,275,700	\$ 3,220,800	\$ 4,194,900	\$ 3,732,800	\$ 15,817,700	
Air Quality Mitigation Trust Funds								
Arroyo Simi Bike Trail Phase 3	\$ 130,500	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 330,500	
Bicycle and Pedestrian Facilities	-	25,000	-	-	-	-	25,000	
Total For Fund	\$ 130,500	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ 355,500	
Bicycle Lanes Fund (233)								
Bicycle and Pedestrian Facilities	\$ -	\$ 25,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 265,000	
Total For Fund	\$ -	\$ 25,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 265,000	

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year							Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21		
Bond Proceeds (646)								
Development Services Building	\$ -	\$ 410,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 410,700
Annual Minor Street Overlay Program	-	830,000	-	-	-	-	-	830,000
Annual Major Street Rehabilitation Program	-	490,000	-	-	-	-	-	490,000
Total For Fund	\$ -	\$ 1,730,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,730,700
Building Improvement Fund (655)								
City Hall Renovations	\$ 465,800	\$ 1,088,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,554,500
Cultural Arts Center Repairs	-	60,000	45,000	40,000	30,000	115,000	-	290,000
Development Services Building	439,000	-	-	-	-	-	-	439,000
Senior Center Repairs	-	60,000	70,000	70,000	70,000	60,000	-	330,000
Total For Fund	\$ 904,800	\$ 1,208,700	\$ 115,000	\$ 110,000	\$ 100,000	\$ 175,000	\$ -	\$ 2,613,500
Community Development Block Grant (290)								
Annual Minor Street Overlay Program	ONGOING	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000
Total For Fund	ONGOING	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000
Computer Equipment Replacement Fund (656)								
Financial Information System Replacement	\$ 299,600	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 699,600
Total For Fund	\$ 299,600	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 699,600
Contributions and Loans								
Arroyo Simi Bike Trail Phase 3	\$ 66,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,500
Landscape Beautification Projects	320,000	80,000	80,000	80,000	80,000	80,000	80,000	720,000
Police Training Facility	150,000	75,100	75,000	75,000	75,000	75,000	75,000	525,100
Recycled Water Projects	1,482,800	5,537,200	5,824,800	2,731,300	1,969,900	-	-	17,546,000
Walnut Avenue Pump Station	-	-	125,000	-	-	-	-	125,000
Total For Fund	\$ 2,019,300	\$ 5,692,300	\$ 6,104,800	\$ 2,886,300	\$ 2,124,900	\$ 155,000	\$ -	\$ 18,982,600

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
County/State/Federal Funds (various)							
Arroyo Simi Bike Trail Phase 3	\$ 1,197,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,197,000
Barnard St. Bridge Rehabilitation	-	-	132,800	442,700	-	-	575,500
BioGas Fueling Station	-	-	200,000	310,000	1,190,000	-	1,700,000
CNG Fueling Upgrade	-	1,324,700	-	-	-	-	1,324,700
Farebox Upgrade	63,700	21,800	-	-	-	-	85,500
Fixed-Route Bus Replacements	-	1,250,000	625,000	-	-	-	1,875,000
Highway Safety Improvement Program	268,000	-	-	-	-	-	268,000
Las Lajas Creek Bridge Widening	1,124,300	40,000	-	-	-	-	1,164,300
Los Angeles Avenue Bridge Replacement	-	-	-	1,505,000	8,419,200	-	9,924,200
Madera Rd Bridge Rehab south of 118	-	-	58,400	313,800	-	-	372,200
Paratransit Dispatching System	40,800	40,800	-	-	-	-	81,600
Paratransit Van Replacements	2,480,000	-	-	-	600,100	-	3,080,100
Recycled Water Projects	500,000	2,500,000	-	-	-	-	3,000,000
Tapo Canyon Creek Bridge Widening	-	-	-	-	1,062,400	6,020,000	7,082,400
Transit Maintenance Facility Expansion	-	370,400	-	-	-	-	370,400
Transit Management System	-	-	425,000	-	-	-	425,000
Voice Announcement System	-	95,000	-	-	-	-	95,000
West LA Widening (PSC - City Limits)	3,213,300	464,000	-	-	-	-	3,677,300
Total For Fund	\$ 8,887,100	\$ 6,106,700	\$ 1,441,200	\$ 2,571,500	\$ 11,271,700	\$ 6,020,000	\$ 36,298,200
Development Agreement Fund (262)							
Financial Information System Replacement	\$ 348,700	\$ 97,000	\$ 97,000	\$ 290,500	\$ -	\$ -	\$ 833,200
Police Training Facility	-	1,591,900	-	-	-	-	1,591,900
City Telephone System Replacement	-	300,000	-	-	-	-	300,000
Total For Fund	\$ 348,700	\$ 1,988,900	\$ 97,000	\$ 290,500	\$ -	\$ -	\$ 2,725,100

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year							Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21		
Forfeited Assets Fund (280)								
Police Training Facility	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Total For Fund	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Information System Fund (646)								
Financial Information System Replacement	\$ 768,300	\$ 1,010,200	\$ 727,600	\$ 120,000	\$ -	\$ -	\$ -	\$ 2,626,100
Total For Fund	\$ 768,300	\$ 1,010,200	\$ 727,600	\$ 120,000	\$ -	\$ -	\$ -	\$ 2,626,100
Library Fund (250)								
Library Repairs	\$ 150,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 100,000	\$ 1,000,000	\$ -	\$ 1,650,000
Total For Fund	\$ 150,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 100,000	\$ 1,000,000	\$ -	\$ 1,650,000
Proceeds of Capital/Revenue Financing								
City Telephone System Replacement	\$ -	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
Simi Valley Groundwater Basin	-	-	-	-	-	7,500,000	-	7,500,000
Total For Fund	\$ -	\$ 1,600,000	\$ -	\$ -	\$ -	\$ 7,500,000	\$ -	\$ 9,100,000
Public Education and Government (PEG) Funds (214)								
Broadcast Equipment Improvements	\$ -	\$ 375,000	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 675,000
City Hall Lobby Improvements	-	-	125,000	-	-	-	-	125,000
Community Room Broadcast Upgrade	-	450,000	-	-	-	-	-	450,000
Council Chamber PEG Facility Improvements	-	250,000	-	-	-	-	-	250,000
Cultural Arts Center Production Studio	-	-	-	150,000	450,000	-	-	600,000
Total For Fund	\$ -	\$ 1,075,000	\$ 125,000	\$ 150,000	\$ 450,000	\$ 300,000	\$ -	\$ 2,100,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year							Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21		
Sanitation Operating Fund (700)								
Annual Major Street Rehabilitation Program	\$ -	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 460,000	
Annual Minor Street Overlay Program	-	60,000	200,000	200,000	200,000	200,000	860,000	
City Telephone System Replacement	-	34,000	-	-	-	-	34,000	
Financial Information System Replacement	31,700	53,800	53,800	53,800	51,600	47,400	292,100	
Total For Fund	\$ 31,700	\$ 207,800	\$ 353,800	\$ 353,800	\$ 351,600	\$ 347,400	\$ 1,646,100	
Sanitation Replacement Reserve Fund (702)								
10-12" Sewerline Rehabilitation	\$ 100,000	\$ -	\$ -	\$ 970,000	\$ -	\$ -	\$ 1,070,000	
10-20" Sewerline Rehabilitation	-	-	-	-	100,000	1,950,000	2,050,000	
10-27" Sewerline Rehabilitation	-	-	-	150,000	1,000,000	-	1,150,000	
24-36" Sewerline Rehabilitation	30,000	-	950,000	-	-	-	980,000	
Annual Sewerline Assessment	-	100,000	100,000	100,000	100,000	100,000	500,000	
Arroyo Lift Station Rehabilitation	-	-	90,000	-	-	-	90,000	
Beaumont Cochran Sewerline Rehabilitation	25,000	330,000	-	-	-	-	355,000	
BNR Blowers Rebuild	-	-	-	-	-	1,500,000	1,500,000	
BNR Mixer Replacement	-	-	344,000	-	-	-	344,000	
BNR West Recycle Pumps Replacement	-	-	-	-	260,000	-	260,000	
Chlorine, WAS Pump	-	-	170,000	-	-	-	170,000	
Concrete Structural Study	-	195,000	-	-	-	-	195,000	
Dewatering Equipment Replacement	150,000	225,000	2,275,000	-	-	-	2,650,000	
Digesters Rehabilitation Project	150,000	510,000	520,000	2,080,000	-	-	3,260,000	
East BNR Aeration Replacement	-	450,000	-	-	-	-	450,000	
Easy Street and Arroyo Simi Sewer Rehabilitation	-	-	-	-	510,000	-	510,000	
FEB & Primary Sludge Pump Replacement	-	-	-	336,000	-	-	336,000	
Filter Equipment Replacement	-	-	-	-	620,000	-	620,000	
First/Fifth/Royal/Ventura Sewerline	-	-	-	50,000	2,480,000	-	2,530,000	

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
Sanitation Replacement Reserve Fund (continued)							
Grit Classifier Equipment Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 500,000	\$ 650,000
Grit Pumps Replacement	-	-	144,000	-	-	-	144,000
Headworks Building Upgrade	-	125,000	400,000	1,000,000	1,000,000	1,000,000	3,525,000
Justin Avenue Sewerline Rehabilitation	-	-	-	-	450,000	-	450,000
LA Ave (Bishop-Barnes) Sewerline Rehabilitation	100,000	2,220,000	-	-	-	-	2,320,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	-	75,000	-	2,100,000	2,100,000	2,100,000	6,375,000
Plant Water System Pump Replacement	410,000	150,000	660,000	-	-	-	1,220,000
Primary Clarifier Equipment Replacement	-	-	-	-	100,000	420,000	520,000
Public Works Warehouse	150,000	50,000	1,020,000	-	-	-	1,220,000
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
SCADA System Upgrade	450,000	250,000	-	-	-	-	700,000
Secondary Clarification Equipment Replacement	-	200,000	500,000	1,000,000	-	-	1,700,000
Strathearn Place-Arroyo Simi Sewerline Rehabilitation	-	50,000	2,480,000	-	-	-	2,530,000
WQCP Road Paving	-	150,000	150,000	150,000	-	-	450,000
Total For Fund	\$ 1,615,000	\$ 5,080,000	\$ 11,783,000	\$ 10,726,000	\$ 10,070,000	\$ 7,570,000	\$ 46,844,000
Traffic Impact Fees Fund (263)							
LA Ave Wdg (Church St-Tapo Cyn Drain)	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000
Madera Rd Bridge Rehab South of the 118	-	-	7,600	40,700	-	-	48,300
Total For Fund	\$ -	\$ 220,000	\$ 7,600	\$ 40,700	\$ -	\$ -	\$ 268,300

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

PROGRAM SUMMARY BY FUND AND PROJECT

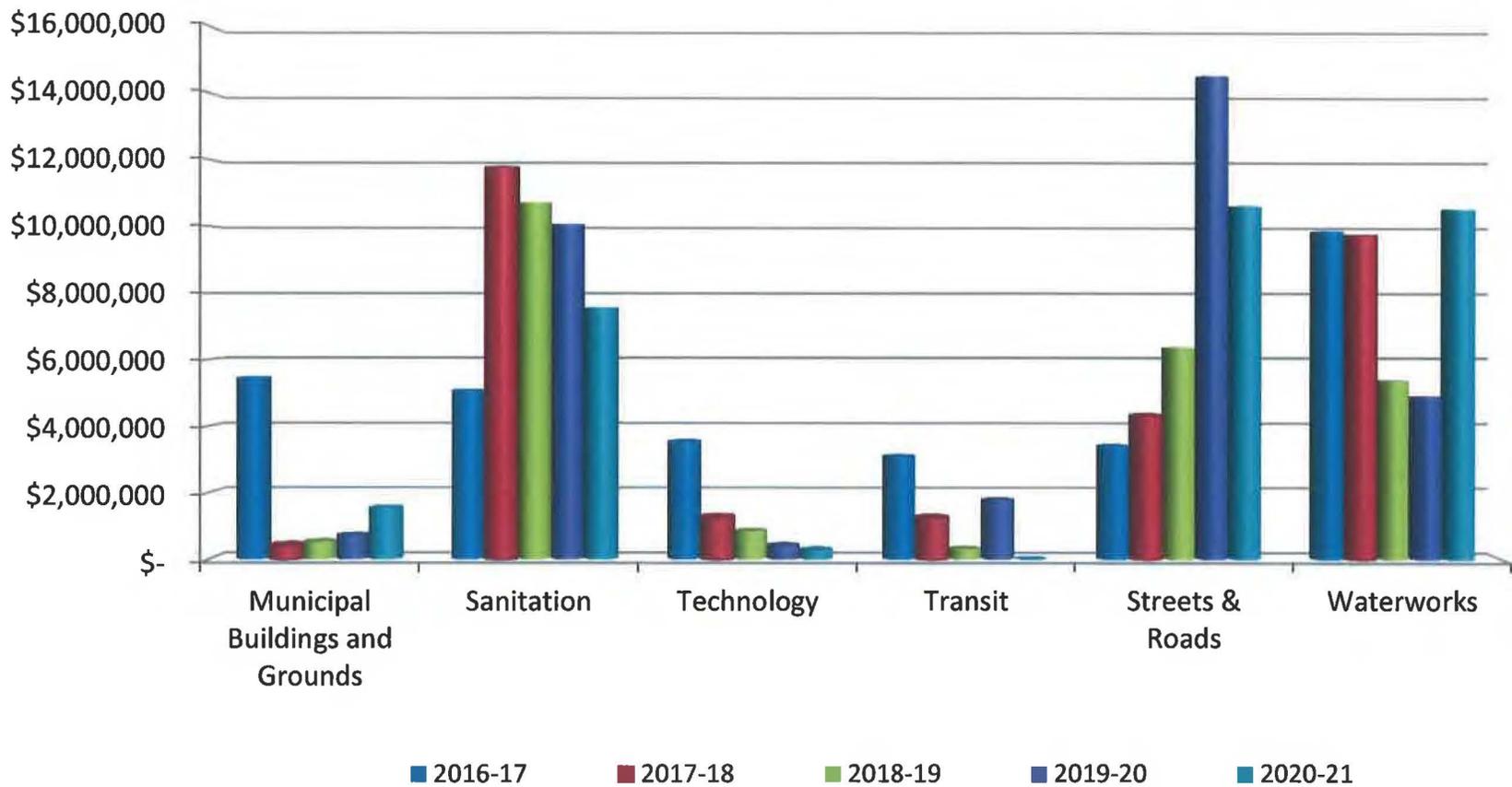
Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
Transit Fund (750)							
City Telephone System Replacement	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ 33,000
Financial Information System Replacement	4,000	36,200	36,200	36,200	34,000	29,800	176,400
Total For Fund	\$ 4,000	\$ 69,200	\$ 36,200	\$ 36,200	\$ 34,000	\$ 29,800	\$ 209,400
Waterworks Operating Fund (761)							
Annual Major Street Rehabilitation Program	\$ -	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 460,000
Annual Minor Street Overlay Program	-	60,000	200,000	200,000	200,000	200,000	860,000
City Telephone System Replacement	-	33,000	-	-	-	-	33,000
Financial Information System Replacement	37,900	55,300	55,300	55,300	53,100	48,900	305,800
Total For Fund	\$ 37,900	\$ 208,300	\$ 355,300	\$ 355,300	\$ 353,100	\$ 348,900	\$ 1,658,800
Waterworks Capital Fund (762)							
Knolls Zone 1MG Tank and Pump Station	\$ 1,161,300	\$ 500,000	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 3,061,300
New Well in Gillibrand Basin	-	-	-	-	380,000	840,000	1,220,000
Simi Valley Groundwater Basin	-	250,000	350,000	200,000	200,000	-	1,000,000
Walnut Avenue Pump Station	-	60,000	375,000	-	-	-	435,000
Water Storage Mixing Systems	225,000	90,000	50,000	-	-	-	365,000
Total For Fund	\$ 1,386,300	\$ 900,000	\$ 2,175,000	\$ 200,000	\$ 580,000	\$ 840,000	\$ 6,081,300

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

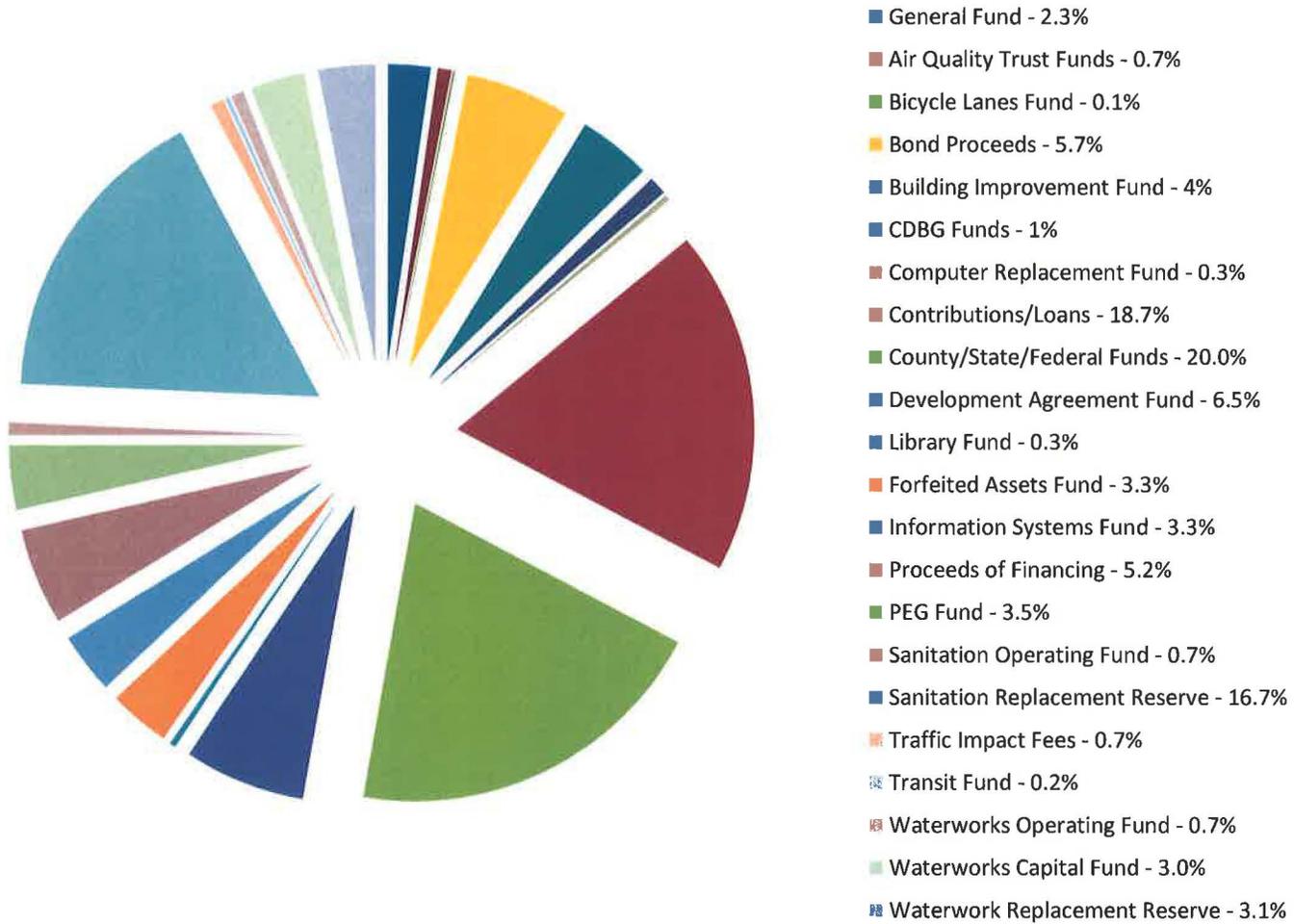
PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2016-17	2017-18	2018-19	2019-20	2020-21	
Waterworks Replacement Reserve Fund (763)							
Interior Tank Recoating	\$ -	\$ 300,000	\$ 285,000	\$ 360,000	\$ 300,000	\$ 200,000	\$ 1,445,000
Recycled Water Projects	2,737,000	-	-	-	-	-	2,737,000
SCADA System Upgrade	-	250,000	250,000	-	-	-	500,000
Small Tanks Replacement	540,000	60,000	-	-	-	-	600,000
Water Line Extension in Rollins Road	64,000	105,000	-	-	-	-	169,000
Water Line Relocation - Box Canyon	220,000	40,000	-	-	-	-	260,000
Water Main Replacement Program	-	100,000	1,000,000	2,000,000	2,000,000	2,000,000	7,100,000
Well Rehabilitation Program	80,000	80,000	80,000	80,000	45,000	-	365,000
Total For Fund	\$ 3,641,000	\$ 935,000	\$ 1,615,000	\$ 2,440,000	\$ 2,345,000	\$ 2,200,000	\$ 13,176,000
CITYWIDE TOTAL	\$ 20,919,200	\$ 30,481,300	\$ 28,772,200	\$ 24,161,100	\$ 32,435,200	\$ 30,578,900	\$ 167,347,900

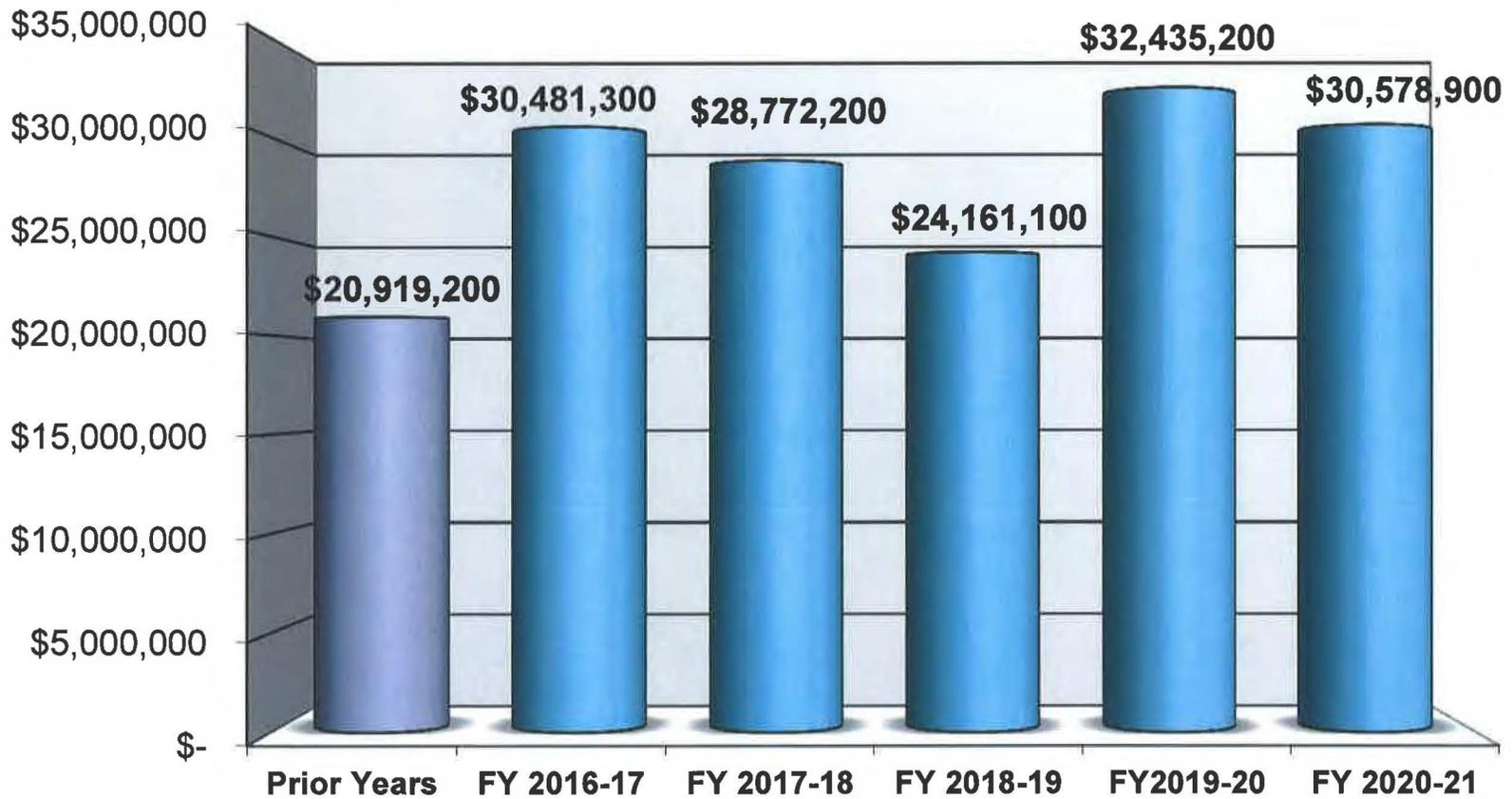
Five Year Capital Plan by Category and Year FY 2016-2017 to FY 2020-21



FY16-17 Capital Improvement Program Funding Sources



FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY BY FISCAL YEAR



OPERATING COST IMPACT

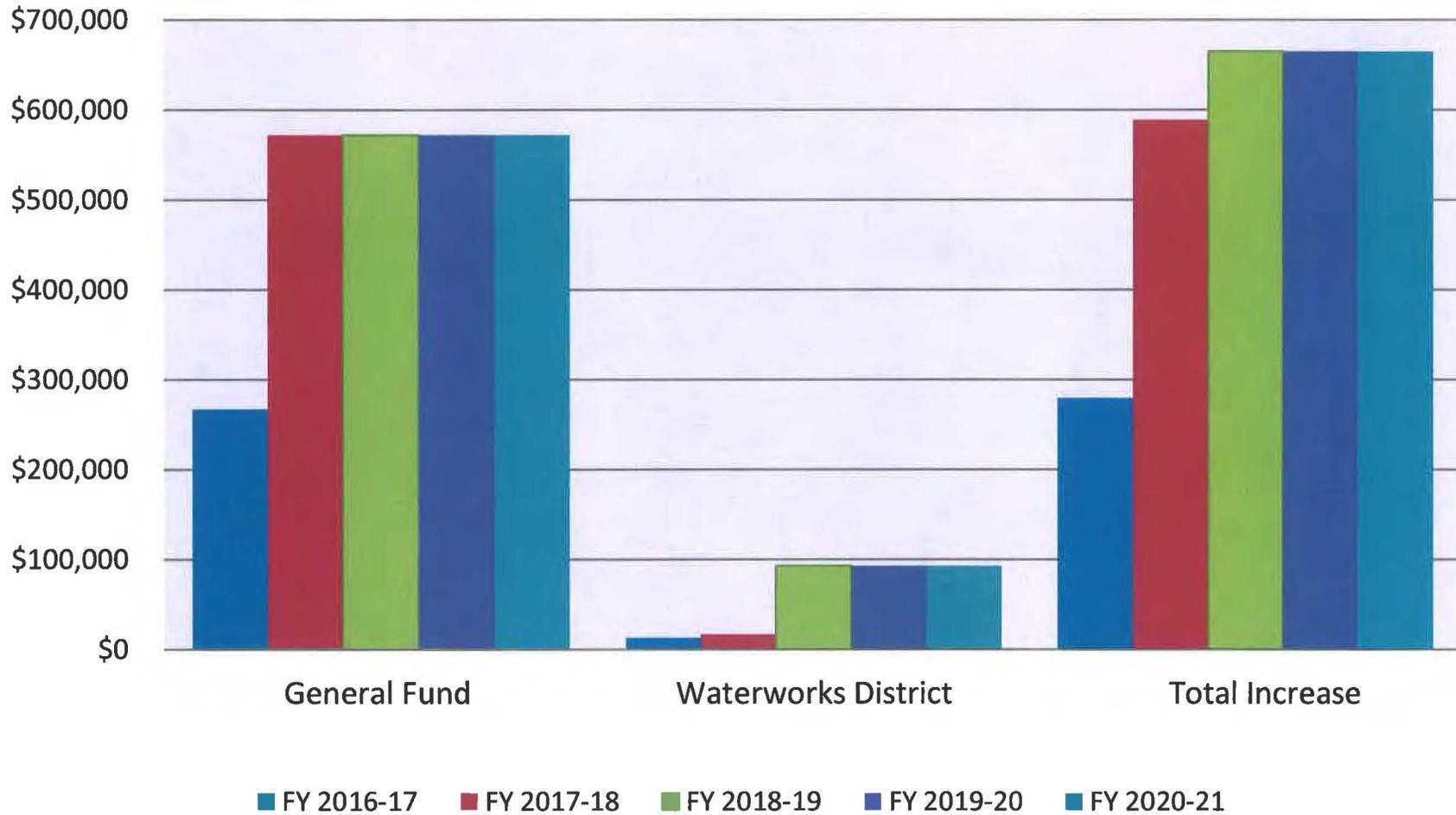
CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2016-17 TO 2020-21
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 2016-17 through 2020-21. 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. Sizeable increases are shown for the Waterworks Fund due to implementation of an expanded recycled water distribution program which, while increasing costs, will also be offset by a decrease in irrigation costs and revenue from sales to other entities.

Fund/Project	Fiscal Year				
	2016-17	2017-18	2018-19	2019-20	2020-21
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
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	\$ 266,900	\$ 571,900	\$ 571,900	\$ 571,900	\$ 571,900
Waterworks Operating Fund					
Knolls Zone Water Facilities	6,500	6,500	6,500	6,500	6,500
Recycled Water Projects	-	4,000	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	\$ 13,000	\$ 17,000	\$ 93,000	\$ 93,000	\$ 93,000
CITYWIDE TOTAL	\$ 279,900	\$ 588,900	\$ 664,900	\$ 664,900	\$ 664,900

PROJECTED INCREASE IN OPERATING EXPENSES RELATED TO CAPITAL PROJECTS



MUNICIPAL BUILDINGS AND GROUNDS

MUNICIPAL BUILDINGS AND GROUNDS

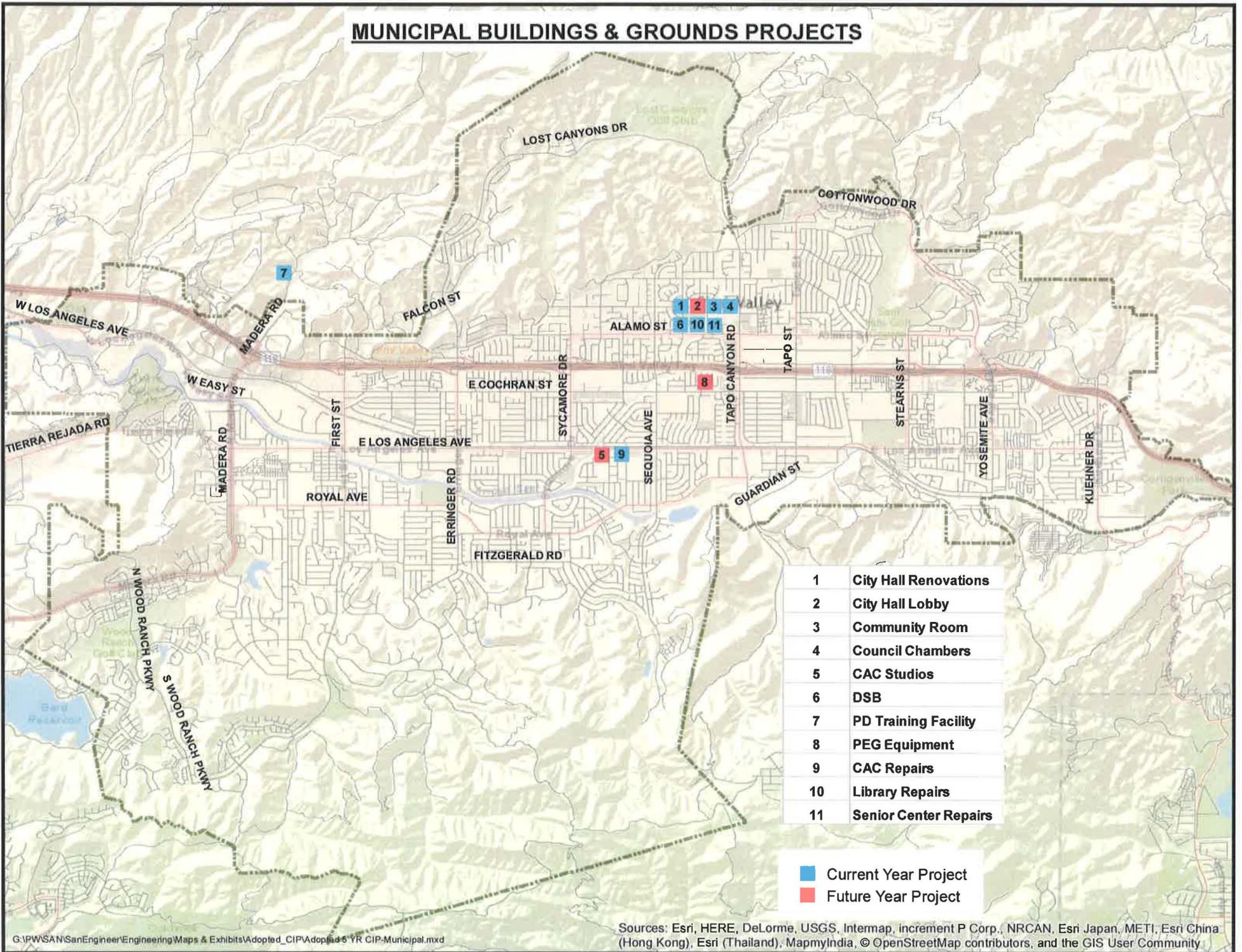
The City is making a concerted effort to reinvest in the maintenance and upkeep of its facilities. The Building and Grounds category contains projects for expansion, major renovation, and new construction of City-owned structures and equipment. Also included are capital projects for land development and site improvements. These projects are financed from a variety of sources including General Fund monies, Public, Educational, and Government (PEG) funds, grants, 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 eleven proposed projects at a projected five-year cost of \$10,016,200. Projects funded in FY 2016-17 in the amount of \$4,936,400 include construction of the Police Department training facility and shooting range, security improvements to City Hall and broadcast upgrades for the Community Room, improvements at the Development Services Building in preparation of the Under One Roof tenancy, repairs at the Cultural Arts Center and Library facilities, and improvements to broadcasting communications and equipment in the City Council chambers.

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



MUNICIPAL BUILDINGS & GROUNDS PROJECTS



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Broadcast Equipment Improvements	Operating Costs:	
Fund:	PEG Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. The broadcast equipment was installed in late 2011 and relies upon a digital, computer infrastructure. The broadcast equipment is in need of an upgrade to maintain functionality and further extend the useful life of the non-digital, control components. The useful life of digital equipment is approximately four years and the non-digital equipment useful life is approximately eight years.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design	\$	175,000	\$ -	\$ -	\$ -	\$ -	175,000
Construction		200,000	-			300,000	500,000
Total	\$	\$ 375,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 675,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$	-	\$ 375,000	\$ -	\$ -	\$ -	300,000
Total	\$	\$ -	\$ 375,000	\$ -	\$ -	\$ -	\$ 300,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	City Hall Renovations	Operating Costs:	
Fund:	Building Improvement	First Year:	\$0
Lead Department:	City Administration	Subsequent Years:	\$0
Project Manager:	Brian Gabler	Source of Funds:	Building Improvement Fund

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

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design/Architectural	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	80,000
Construction	10,000						10,000
Contingency	-	-					-
Furnishings	500,800	1,088,700	-	-	-	-	1,589,500
Total	\$ 590,800	\$ 1,088,700	\$ -	\$ -	\$ -	\$ -	1,679,500

SOURCES OF FUNDING:

General Fund	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	125,000
Building Improvement Fund	465,800	1,088,700	-	-	-	-	1,554,500
Total	\$ 590,800	\$ 1,088,700	\$ -	\$ -	\$ -	\$ -	1,679,500

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	City Hall Lobby Improvements	Operating Costs:	
Fund:	PEG Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. 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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	25,000
Construction			100,000				100,000
Total	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	125,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	125,000
Total	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	125,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Community Room Broadcast Upgrade	Operating Costs:	
Fund:	PEG Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources 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 Community Room is used for a number of Board and Commission meetings that are not currently able to be broadcast or recorded for a future broadcast. The Community Development Block Grant Advisory Committee meets in the Council Chambers to allow for use of the room's enhanced functionality which allows for enhanced communication with the public. 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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Construction		\$ 350,000	\$ -				\$ 350,000
Total	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
Total	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Council Chamber PEG Facility Improvements	Operating Costs:	
Fund:	PEG Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. 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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction		250,000	-				250,000
Total	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Total	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Cultural Arts Center Repairs	Operating Costs:	
Fund:	General Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Chris Oberender/Rob Bruce	Sources of Funds:	Building Improvement Fund

Project Description: This project would replace the HVAC controller that has performed beyond its anticipated useful life; split the HVAC system to have a separate control over the audience and stage; 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 after each show due to lack of storage; motorize the chandeliers to allow easier replacement of light bulbs; replace the monument sign with an LED sign; restore the rose garden to replace failed plants and improve water efficiency; upgrade overall landscaping to reduce water use; and repave the parking lot that is beginning to fail.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Capital Costs	\$ -	\$ 60,000	\$ 45,000	\$ 40,000	\$ 30,000	\$ 115,000	\$ 290,000
Total	\$ -	\$ 60,000	\$ 45,000	\$ 40,000	\$ 30,000	\$ 115,000	\$ 290,000

SOURCES OF FUNDING:							
Building Improvement Fund	\$ -	\$ 60,000	\$ 45,000	\$ 40,000	\$ 30,000	\$ 115,000	\$ 290,000
Total	\$ -	\$ 60,000	\$ 45,000	\$ 40,000	\$ 30,000	\$ 115,000	\$ 290,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Cultural Arts Center Production Studio	Operating Costs:	
Fund:	PEG Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
Construction				-	450,000		450,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 450,000	\$ -	\$ 600,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ -	\$ -	\$ -	\$ 150,000	\$ 450,000	\$ -	\$ 600,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 450,000	\$ -	\$ 600,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Repairs and Upgrades to the Library	Operating Costs:	
Fund:	Library Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Chris Oberender/Rob Bruce	Sources of Funds:	Library Fund

Project Description: In years one and two, this project would improve the patron experience by replacing the three oldest HVAC units at the Library, which have functioned past their anticipated useful life; remove and replace the window tint that is becoming clouded, reducing the light transmission; replace the missing lighting in the honeycomb ceilings with energy efficient fixtures; replace exterior wallmount light fixtures in the Rose Garden Patio with non-glare energy efficient fixtures; and relandscape the patios with water efficient planting and irrigation. In addition, as the building has not been upgraded to reflect changes in accessibility requirements and how patrons use the facility, it is proposed that this fund build reserves to renovate the building.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Capital Costs	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 1,550,000
Design/Coordination	-	-	-	100,000	-	-	\$ 100,000
Total	\$ 150,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 100,000	\$ 1,000,000	\$ 1,650,000

SOURCES OF FUNDING:							
Library Fund	\$ 150,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 100,000	\$ 1,000,000	\$ 1,650,000
Total	\$ 150,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 100,000	\$ 1,000,000	\$ 1,650,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Development Services Building Improvements	Operating Costs:	
Fund:	Building Improvement	First Year:	\$5,000
Lead Department:	City Manager's Office	Subsequent Years:	\$5,000
Project Manager:	Brian Gabler	Source of Funds:	Building Improvement Fund

Project Description: Design, engineering, and construction of improvements for the City-owned Development Services Building (3855-A Alamo Street) to facilitate conversion into the Under One Roof social services facility and into a storage facility for City records. The City is responsible for such items as ADA access requirements, construction of a dividing wall, and installation of a storage system.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Design/Architectural	\$ 39,000	\$ 10,700	-	-	-	-	50,000
Furnishings/Equipment	55,000	-	-	-	-	-	55,000
Construction	300,000	355,000	-	-	-	-	490,000
Contingency	45,000	45,000	-	-	-	-	45,000
Total	\$ 439,000	\$ 410,700	\$ -	\$ -	\$ -	\$ -	849,700

SOURCES OF FUNDING:							
Building Improvement Fund	\$ 439,000	-	-	-	-	-	439,000
Bond Proceeds	-	410,700	-	-	-	-	410,700
Total	\$ -	\$ 410,700	\$ -	\$ -	\$ -	\$ -	849,700

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Police Training Facility	Operating Costs:	
Fund:	Police Capital Projects Fund	First Year:	\$10,000
Lead Department:	City Manager's Office	Subsequent Years:	\$10,000
Project Manager:	Brian Gabler	Source of Funds:	Contributions, General Fund, Development Agreements, and Forfeited Assets

Project Description: Design, engineering, and construction of a facility to include a practice range and other Police training equipment.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 197,000	\$ -	\$ -	\$ -	\$ -	\$ 197,000
Construction	-	2,470,000	-	-	-	-	2,470,000
Total	\$ -	\$ 2,667,000	\$ -	\$ -	\$ -	\$ -	\$ 2,667,000

SOURCES OF FUNDING:

General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Development Agreement Fund	-	1,591,900	-	-	-	-	1,591,900
Forfeited Assets Fund	-	1,000,000	-	-	-	-	1,000,000
Contributions	150,000	75,100	75,000	75,000	75,000	75,000	525,100
Total	\$ 150,000	\$ 2,667,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 3,117,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Senior Center Repairs and Upgrades	Operating Costs:	
Fund:	General Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Chris Oberender/Rob Bruce	Sources of Funds:	Building Improvement Fund

Project Description: This project would: replace the three oldest HVAC units at the Senior Center, which have functioned past their anticipated useful life and are likely to fail in the near future; repave the north parking lot that is cracked and failing; replace 15 damaged security cameras that are no longer functional; install additional lighting near the north entrance to improve visibility; renovate the north bathrooms to be ADA compliant; restore the courtyard patio and replace the wood floor in the multi-purpose room that is beyond its useful life.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Capital Costs	\$ -	\$ 60,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 330,000
Total	\$ -	\$ 60,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 330,000

SOURCES OF FUNDING:							
Building Improvement Fund	\$ -	\$ 60,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 330,000
Total	\$ -	\$ 60,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 330,000



CITY OF SIMI VALLEY

SANITATION

SANITATION

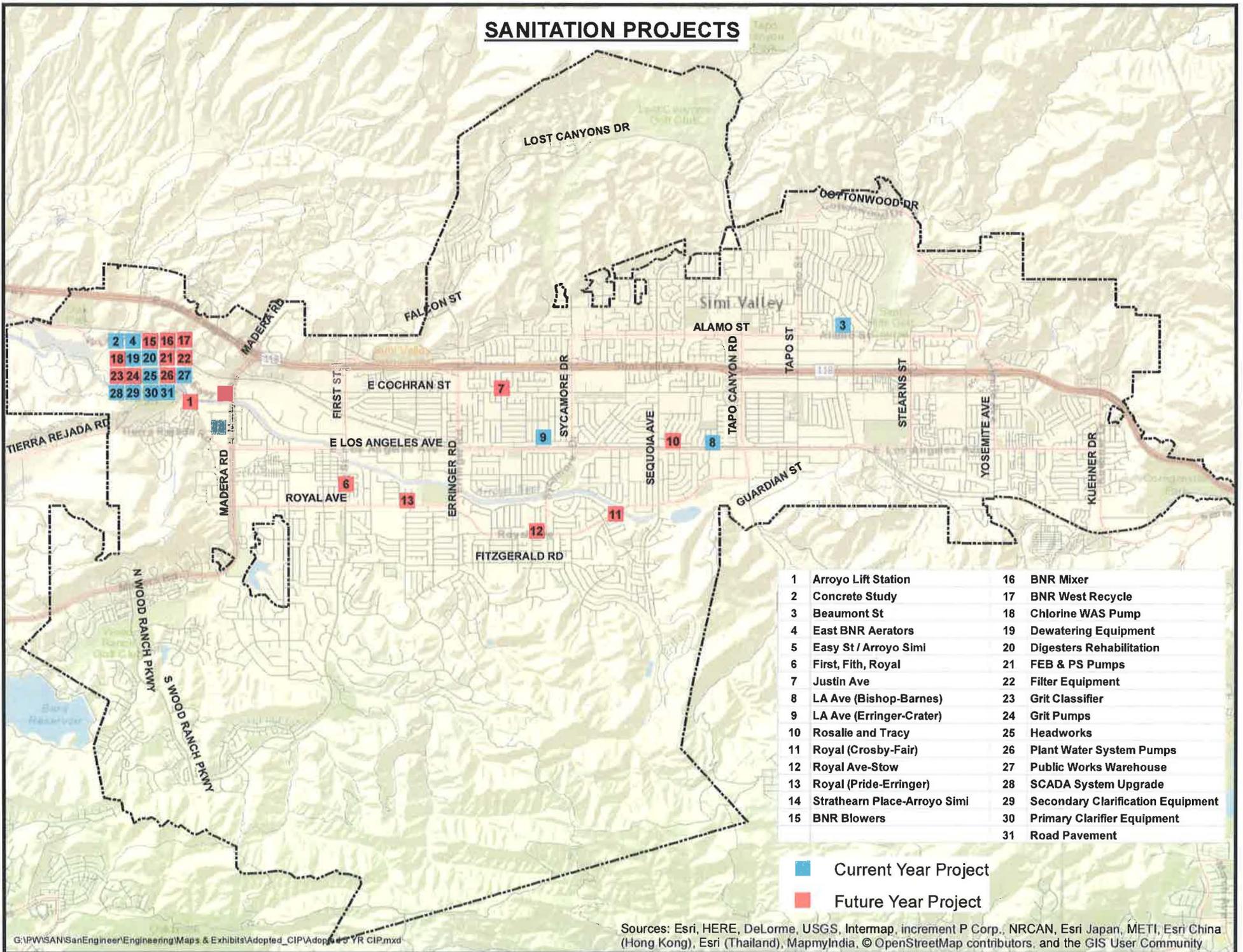
Sanitation projects include facilities replacement projects, to maintain and rehabilitate, and capital projects, to improve; the sewer collection and conveyance system, and the wastewater treatment facilities (the Water Quality Control Plant, WQCP). Facilities replacement projects are financed from operating 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 proposed Sanitation Capital Improvement Program (CIP) includes 36 projects at a 5-year projected cost of \$46,844,000. All 36 projects are maintenance and/or rehabilitation projects, proposed to be funded from the Replacement Fund, 17 projects are sewer projects and 19 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 current plan is to initiate a Preliminary Design. A broad view of the component function, placement and integration with the WQCP is reviewed and alternative rehabilitation/replacement concepts are drafted to determine the most effective means of rehabilitation. The ultimate cost to build, operate, maintain, and the presumed lifespan of the rehabilitation work is assessed to determine the most cost-effective solution. This proposed CIP includes Preliminary Design on major WQCP components that need rehabilitation work.



SANITATION PROJECTS



1	Arroyo Lift Station	16	BNR Mixer
2	Concrete Study	17	BNR West Recycle
3	Beaumont St	18	Chlorine WAS Pump
4	East BNR Aerators	19	Dewatering Equipment
5	Easy St / Arroyo Simi	20	Digesters Rehabilitation
6	First, Fith, Royal	21	FEB & PS Pumps
7	Justin Ave	22	Filter Equipment
8	LA Ave (Bishop-Barnes)	23	Grit Classifier
9	LA Ave (Erringer-Crater)	24	Grit Pumps
10	Rosalie and Tracy	25	Headworks
11	Royal (Crosby-Fair)	26	Plant Water System Pumps
12	Royal Ave-Stow	27	Public Works Warehouse
13	Royal (Pride-Erringer)	28	SCADA System Upgrade
14	Strathearn Place-Arroyo Simi	29	Secondary Clarification Equipment
15	BNR Blowers	30	Primary Clarifier Equipment
		31	Road Pavement

- Current Year Project
- Future Year Project

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: 10" to 12" Sewerlines Rehabilitation
Fund: Sanitation Replacement Reserve
Lead Department: Public Works
Project Manager: Michael Kang

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: San. 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 August 2017 and construction is proposed to be completed by January 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	100,000
Construction	-	-	-	870,000	-	-	870,000
Construction Services	-	-	-	100,000	-	-	100,000
Total	\$ 100,000	\$ -	\$ -	\$ 970,000	\$ -	\$ -	1,070,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 100,000	\$ -	\$ -	\$ 970,000	\$ -	\$ -	1,070,000
Total	\$ 100,000	\$ -	\$ -	\$ 970,000	\$ -	\$ -	1,070,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	10" to 20" Sewerlines Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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. This project may span up to two years with an estimated cost of \$2,050,000. Design is proposed to be completed by May 2020 and construction is proposed to be completed by March 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	100,000	\$ -	100,000
Construction	-	-	-	-	-	1,950,000	1,950,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	100,000	\$ 1,950,000	\$ 2,050,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	100,000	\$ 1,950,000	\$ 2,050,000
Total	\$ -	\$ -	\$ -	\$ -	100,000	\$ 1,950,000	\$ 2,050,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	10" to 27" Sewerlines Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 October 2018 and construction is proposed to be completed by January 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
Construction	-	-	-	-	1,000,000	-	1,000,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,000,000	\$ -	\$ 1,150,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,000,000	\$ -	\$ 1,150,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,000,000	\$ -	\$ 1,150,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	24" to 36" Sewerlines Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 1,300 feet of 24 to 36-inch asbestos cement sewer trunk line in Easy Street, Fifth Street, and Ventura Avenue. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed by January 2017 and construction is proposed to be completed by November 2017.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 30,000	-	-	-	-	-	30,000
Construction	-	-	850,000	-	-	-	850,000
Construction Services	-	-	100,000	-	-	-	100,000
Total	\$ 30,000	-	950,000	-	-	-	980,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 30,000	-	950,000	-	-	-	980,000
Total	\$ 30,000	-	950,000	-	-	-	980,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Annual Sewerline Assessment	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ -	\$ 100,000	\$ 500,000				

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ -	\$ 100,000	\$ 500,000				

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Arroyo Lift Station Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 2017 and construction is proposed to be completed in July 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
Total	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Beaumont Cochran Sewerline Rehab	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 1,856 feet of 10-inch asbestos cement sewer trunk line in Beaumont Street and in an easement west of Beaumont Street and Cochran Road. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in August 2016 and construction is proposed to be completed in November 2017.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2019-20	Total
Consultant Services	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	25,000
Construction	-	280,000	-	-	-	-	280,000
Construction Services	-	50,000	-	-	-	-	50,000
Total	\$ 25,000	\$ 330,000	\$ -	\$ -	\$ -	\$ -	355,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 25,000	\$ 330,000	\$ -	\$ -	\$ -	\$ -	355,000
Total	\$ 25,000	\$ 330,000	\$ -	\$ -	\$ -	\$ -	355,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	BNR Blowers Rebuild	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rebuild the existing WQCP's blowers for the West Basin BNR and the East Basin BNR that have been in operation since 2004. Six multi-stage centrifugal blowers were installed in 2004 and two single-stage blowers were installed in 2008. Rebuilding the equipment is recommended by the Asset Management Plan to ensure system reliability because the equipment is essential to the treatment process and operates constantly. Design is proposed to be completed by August 2020 and construction is proposed to be completed by May 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000

SOURCES OF FUNDING:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	BNR Mixer Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the existing WQCP's West Basin BNR mixers that were installed in 2004 and the East Basin BNR mixers that 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. Design is proposed to be completed by August 2017 and construction is proposed to be completed by March 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ 344,000	\$ -	\$ -	\$ -	\$ 344,000
Total	\$ -	\$ -	\$ 344,000	\$ -	\$ -	\$ -	\$ 344,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 344,000	\$ -	\$ -	\$ -	\$ 344,000
Total	\$ -	\$ -	\$ 344,000	\$ -	\$ -	\$ -	\$ 344,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	BNR West Recycle Pumps Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the existing WQCP's BNR recycle pumps that were installed in 2004, and will have been in service for approximately 16 years. Each of the four pumps 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ -	\$ -	260,000	\$ -	260,000
Total	\$ -	\$ -	\$ -	\$ -	260,000	\$ -	260,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Chlorine, Filtrate, WAS Pump Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace three existing WQCP chlorine feed pumps, two filtrate return pumps, and two waste activated sludge pumps. The pumps range from 10 to 15 years old, and all are showing signs of excessive wear. Replacement is recommended by the Asset Management Plan to ensure process reliability, and energy efficiency. Design is proposed for completion by October 2017 and construction is proposed to be completed by March 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000
Total	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000
Total	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Concrete Structural Study	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to evaluate the concrete structures and repair deficiencies within the three existing WQCP's Primary Sedimentation Basins and the three existing East BNR basins. These basins have been in service for 30 years. Temporary repairs were recently performed on the East BNR concrete walkways and a structural support structure in Primary Sedimentation No. 2 recently failed. A structural evaluation of both structures is necessary to identify areas to be repaired to reduce the risk of catastrophic failure. The evaluation is proposed to be completed by November 2016 with design to follow, proposed to be completed by February 2017 and construction proposed to be completed by August 2017.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	-	\$ 65,000	\$ -	\$ -	\$ -	\$ -	65,000
Construction	-	120,000	-	-	-	-	120,000
Construction Services	-	10,000	-	-	-	-	10,000
Total	\$ -	\$ 195,000	\$ -	\$ -	\$ -	\$ -	195,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 195,000	\$ -	\$ -	\$ -	\$ -	195,000
Total	\$ -	\$ 195,000	\$ -	\$ -	\$ -	\$ -	195,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Dewatering Equipment Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's three existing belt filter presses and associated sludge conveyors. The equipment is 30 years old. The filter presses need a major overhaul to remain operational and the sludge conveyors are showing signs of metal fatigue. Replacing the belt filter presses and sludge conveyors with upgraded equipment is expected to reduce labor and electricity demand. Preliminary design work started in FY 2015-16 and a report evaluating technology alternatives and cost effectiveness is expected by June 2016. Once the technology and process are chosen, the replacement project design work can be started. The design is proposed to be completed by June 2017 and construction is proposed to be completed by August 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 150,000	\$ 225,000	\$ -	\$ -	\$ -	\$ -	375,000
Construction	-	-	2,225,000	-	-	-	2,225,000
Construction Services	-	-	50,000	-	-	-	50,000
Total	\$ 150,000	\$ 225,000	\$ 2,275,000	\$ -	\$ -	\$ -	2,650,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 150,000	\$ 225,000	\$ 2,275,000	\$ -	\$ -	\$ -	2,650,000
Total	\$ 150,000	\$ 225,000	\$ 2,275,000	\$ -	\$ -	\$ -	2,650,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Digesters Rehabilitation Project	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rebuild the WQCP'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. A conceptual-level construction cost estimate of \$2,500,000 is proposed, however, more will be learned on the needs and costs during the preliminary design. The preliminary design will explore technology alternatives, evaluate the cost effectiveness of the alternatives, and develop a more reliable cost estimate. Preliminary design was funded in FY 2015-16 and is expected to be completed by June 2016. Design is proposed to be funded in FY 2016-17 with the proposed schedule to complete design by December 2017, and initiate construction work in FY 2017-18.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 150,000	\$ 510,000	\$ -	\$ -	\$ -	\$ -	660,000
Construction	-	-	500,000	2,000,000	-	-	2,500,000
Construction Services	-	-	20,000	80,000	-	-	100,000
Total	\$ 150,000	\$ 510,000	\$ 520,000	\$ 2,080,000	\$ -	\$ -	3,260,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 150,000	\$ 510,000	\$ 520,000	\$ 2,080,000	\$ -	\$ -	3,260,000
Total	\$ 150,000	\$ 510,000	\$ 520,000	\$ 2,080,000	\$ -	\$ -	3,260,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	East BNR Aeration Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's existing East Basins BNR air diffuser membranes. The expected useful life for the membranes is seven years and they have been in use for eight years. Replacement is recommended to regain energy efficiency, which decreases as the membranes age, and ensure system reliability. An aeration/mixing study will be performed prior to replacement of the diffusers to determine a means to correct the solids accumulation issue. The study is scheduled for completion in November 2016 and construction is expected to be completed in September 2017.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	-	\$ 50,000	-	-	-	-	50,000
Construction	-	400,000	-	-	-	-	400,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	450,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Easy Street and Arroyo Simi Sewer Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 2018 and construction is scheduled to be completed in November 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	40,000	\$ -	40,000
Construction	-	-	-	-	430,000	-	430,000
Construction Services	-	-	-	-	40,000	-	40,000
Total	\$ -	\$ -	\$ -	\$ -	510,000	\$ -	510,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	510,000	\$ -
Total	\$ -	510,000	\$ -				

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	FEB and Primary Sludge Pump Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace three existing WQCP flow equalization basin (FEB) pumps and two existing primary sludge pumps. All five pumps were installed in 1987 and are inefficient, expensive to maintain, and have served their useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and increase electrical efficiency. Design is proposed to be completed by November 2017 and installations are proposed to be completed by October 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ 15,000
Construction	-	-	-	321,000	-	-	321,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ 336,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ 336,000
Total	\$ -	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ 336,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Filter Equipment Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the underdrain pumps, backwash water pumps, waste backwash pumps, outlet valves, and backwash air blowers; all components of the WQCP's tertiary filters. The 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 2017 and construction is proposed to be completed in March 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Construction	\$ -	\$ -	\$ -	\$ -	620,000	\$ -	620,000
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total	\$ -	\$ -	\$ -	\$ -	620,000	\$ -	620,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	620,000	\$ -	620,000
Total	\$ -	\$ -	\$ -	\$ -	620,000	\$ -	620,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	First/Fifth/Royal/Ventura Sewerline	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
Construction	-	-	-	-	2,380,000	-	2,380,000
Construction Services	-	-	-	-	100,000	-	100,000
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ 2,480,000	\$ -	\$ 2,530,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ 50,000	\$ 2,480,000	\$ -	\$ 2,530,000
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ 2,480,000	\$ -	\$ 2,530,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Grit Classifier Equipment Upgrade	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's Grit Classifiers and associated equipment. This equipment is nearly 20 years old and requires frequent maintenance. 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 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 \$500,000, however, this may be revised based upon the preliminary design recommendations.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	-	-	\$ 150,000	-	\$ 150,000
Construction	-	-	-	-	-	500,000	500,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 500,000	\$ 650,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 500,000	\$ 650,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 500,000	\$ 650,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Grit Pumps Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's two existing grit pumps. They are 30 years old and have served beyond their expected useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and improve electrical efficiency. The design and construction work is proposed in FY 2017-18.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -			\$ -
Construction	-	-	144,000	-	-	-	144,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	144,000	\$ -	\$ -	\$ -	144,000

SOURCES OF FUNDING:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
San. Replacement Reserve	\$ -	\$ -	144,000	\$ -	\$ -	\$ -	144,000
Total	\$ -	\$ -	144,000	\$ -	\$ -	\$ -	144,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Headworks Building Upgrade	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. 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 is proposed to be initiated in FY 2016-17 to explore alternative technologies and evaluate the cost effectiveness of the alternatives, with a design to follow. The concept-level construction cost estimate is \$3,000,000 which is subject to revision based upon findings made during the preliminary design.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 125,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 525,000
Construction	-	-	-	950,000	950,000	950,000	2,850,000
Construction Services	-	-	-	50,000	50,000	50,000	150,000
Total	\$ -	\$ 125,000	\$ 400,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,525,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 125,000	\$ 400,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,525,000
Total	\$ -	\$ 125,000	\$ 400,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,525,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Justin Avenue Sewerline Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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. .

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	10,000	\$ -	10,000
Construction	-	-	-	-	430,000	-	430,000
Construction Services	-	-	-	-	10,000	-	10,000
Total	\$ -	\$ -	\$ -	\$ -	450,000	\$ -	450,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	LA Ave. (Bishop to Barnes) Sewerline Rehab.	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 4,000 feet of 18 to 36-inch asbestos cement sewer trunk line in East Los Angeles Avenue between Bishop Lane and Barnes Street. The primary rehabilitation mode will be cured-in-place slip liner. Design is expected to be complete by May 2016 and construction is proposed to be completed in June 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	100,000
Construction	-	2,200,000	-	-	-	-	2,200,000
Construction Services	-	20,000	-	-	-	-	20,000
Total	\$ 100,000	\$ 2,220,000	\$ -	\$ -	\$ -	\$ -	2,320,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 100,000	\$ 2,220,000	\$ -	\$ -	\$ -	\$ -	2,320,000
Total	\$ 100,000	\$ 2,220,000	\$ -	\$ -	\$ -	\$ -	2,320,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	LA Ave. (Erringer-Crater) Sewerline Rehab.	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 complete by May 2017 and construction is proposed to be completed by June 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	75,000
Construction	-	-	-	2,000,000	2,000,000	2,000,000	6,000,000
Construction Services	-	-	-	100,000	100,000	100,000	300,000
Total	\$ -	\$ 75,000	\$ -	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	\$ 6,375,000

SOURCES OF FUNDING:							
San. 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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Plant Water System Pump Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace six existing recycled water pumps within the WQCP. Three pumps were installed in 1973 and three more were installed in 1985. All of the pumps require frequent maintenance and do not operate efficiently. The project would replace the pumps with better sized and more energy efficient pumps. A preliminary design is proposed to be conducted by November 2016 to determine the size, location, and configuration of the replacement pumps. The preliminary design will also review the plan to change the recycled water distribution system pump station (by Waterworks) evaluate compatibility and opportunity for any shared usage. Project design and construction is expected is proposed to be completed by January 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 45,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	195,000
Construction	340,000	-	660,000	-	-	-	1,000,000
Construction Services	25,000	-	-	-	-	-	25,000
Total	\$ 410,000	\$ 150,000	\$ 660,000	\$ -	\$ -	\$ -	1,220,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 410,000	\$ 150,000	\$ 660,000	\$ -	\$ -	\$ -	1,220,000
Total	\$ 410,000	\$ 150,000	\$ 660,000	\$ -	\$ -	\$ -	1,220,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Primary Clarification Equipment Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the mechanical systems for the three existing WQCP primary clarifiers, which have been in service for 30 years. Replacement is recommended by the Asset Management Plan to ensure system reliability. The sludge collector mechanisms, chains and wear shoes will be replaced, metal structures will be recoated, and the collector drive components will be rebuilt. The design for the first clarifier is proposed to be completed by March 2020 and construction is proposed to be completed by January 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	100,000	-	100,000
Construction	-	-	-	-	-	400,000	400,000
Construction Services	-	-	-	-	-	20,000	20,000
Total	\$ -	\$ -	\$ -	\$ -	100,000	420,000	520,000

SOURCES OF FUNDING:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	100,000	420,000	520,000
Total	\$ -	\$ -	\$ -	\$ -	100,000	420,000	520,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Public Works Warehouse	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to build a Warehouse within the WQCP. Currently, twenty-three decentralized storage locations are used in areas throughout the WQCP. A centralized warehouse would provide a single receiving area, proper storage, inventory controls, and security. The current inadequate storage has led to material losses, multiple parts ordering, inventory damage, and inefficient inventory auditing. Due to the nature of replacement parts and the need to have them ready for continuous operation, some replacement parts must be stored for extended periods. A preliminary design study was completed to determine the need, funding equity, location, and configuration of a warehouse. The estimated cost for construction is approximately \$1,000,000. Additional funding of \$50,000 (\$150,000 total) is proposed in FY 2016-17 to obtain architectural design services to prepare construction plans. Architectural design is proposed to be completed by May 2017 and construction is proposed to be completed by June 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 150,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	200,000
Construction	-	-	1,000,000	-	-	-	1,000,000
Construction Services	-	-	20,000	-	-	-	20,000
Total	\$ 150,000	\$ 50,000	\$ 1,020,000	\$ -	\$ -	\$ -	1,220,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 150,000	\$ 50,000	\$ 1,020,000	\$ -	\$ -	\$ -	1,220,000
Total	\$ 150,000	\$ 50,000	\$ 1,020,000	\$ -	\$ -	\$ -	1,220,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Rosalie St. and Tracy Ave. Sewerline Rehab.	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 2020 and construction is proposed to be completed by August 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	10,000	\$ -	10,000
Construction	-	-	-	-	610,000	-	610,000
Construction Services	-	-	-	-	30,000	-	30,000
Total	\$ -	\$ -	\$ -	\$ -	650,000	\$ -	650,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Royal Avenue (Crosby-Fair) Sewerline Rehab.	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 2016 and construction is proposed to be completed by February 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	50,000
Construction	-	-	1,680,000	-	-	-	1,680,000
Construction Services	-	-	100,000	-	-	-	100,000
Total	\$ 50,000	\$ -	\$ 1,780,000	\$ -	\$ -	\$ -	1,830,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 50,000	\$ -	\$ 1,780,000	\$ -	\$ -	\$ -	1,830,000
Total	\$ 50,000	\$ -	\$ 1,780,000	\$ -	\$ -	\$ -	1,830,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Royal Ave (Pride to Erringer) Sewerline Rehab.	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 2018 and construction is proposed to be completed by June 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
Construction	-	-	-	2,740,000	-	-	2,740,000
Construction Services	-	-	-	50,000	-	-	50,000
Total	\$ -	\$ -	\$ 200,000	\$ 2,790,000	\$ -	\$ -	\$ 2,990,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 200,000	\$ 2,790,000	\$ -	\$ -	\$ 2,990,000
Total	\$ -	\$ -	\$ 200,000	\$ 2,790,000	\$ -	\$ -	\$ 2,990,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Royal Avenue, Stow Sewerline Rehabilitation	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 March 2019 and construction is proposed to be completed by August 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	10,000	\$ -	10,000
Construction	-	-	-	-	520,000	-	520,000
Construction Services	-	-	-	-	20,000	-	20,000
Total	\$ -	\$ -	\$ -	\$ -	550,000	\$ -	550,000

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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	SCADA System Upgrade	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the four main system server computers that support the Supervisory Control and Data Acquisition (SCADA) system and upgrade the Human Machine Interface (HMI). These systems are currently over their functional limit and are not supported by the software vendor. The upgrade is intended to provide additional functionality, redundancy, and upgraded security to improve the efficiency and effectiveness of Sanitation Operations.

A preliminary design was conducted to evaluate hardware, software, interface and WQCP operations to determine the best architecture to support Sanitation Operations. The preliminary design estimates that approximately \$350,000 is needed for integration which is \$150,000 more than was previously shown in this Capital Improvement Plan. Design/construction of a SCADA computer room and purchasing the servers are included in the Electrical Upgrades Phase 3 project (previously funded under another Capital Improvement Project). The new servers and upgrading the SCADA software (funded by the \$150,000 in FY 2015-16, herein) is expected to be completed by March 2017. Adding \$100,000 in consulting services is proposed to implement Efficiency Study recommendations related to SCADA integration, to increase operator productivity by automating routine data collection and reporting. The total additional funding requested in this revised project description is \$250,000 (\$150,000 for integration, and \$100,000 for Efficiency Study implementation.)

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 300,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	550,000
Software Upgrade	150,000		-	-	-	-	150,000
Total	\$ 450,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	700,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 450,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	700,000
Total	\$ 450,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	700,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Secondary Clarification Equipment Replacement	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rebuild/replace the mechanical systems for the four existing WQCP secondary clarifiers, which range from 30 to 45 years old. Replacement is recommended by the Asset Management Plan to ensure system reliability. The sludge collector mechanisms and fiberglass weirs will be replaced, metal structures will be recoated, and the collector drive components will be rebuilt. This project may span up to four years with an estimated cost of \$1,500,000. The design is proposed to be completed in March 2017 and construction is proposed to be completed in November 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Construction	-	-	500,000	950,000	-	-	1,450,000
Construction Services	-	-	-	50,000	-	-	50,000
Total	\$ -	\$ 200,000	\$ 500,000	\$ 1,000,000	\$ -	\$ -	1,700,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 200,000	\$ 500,000	\$ 1,000,000	\$ -	\$ -	1,700,000
Total	\$ -	\$ 200,000	\$ 500,000	\$ 1,000,000	\$ -	\$ -	1,700,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Strathearn Place - Arroyo Simi Sewerline Rehab	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. 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 April 2017 and construction is proposed to be completed by January 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	50,000
Construction	-	-	2,380,000	-	-	-	2,380,000
Construction Services	-	-	100,000	-	-	-	100,000
Total	\$ -	\$ 50,000	\$ 2,480,000	\$ -	\$ -	\$ -	2,530,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 50,000	\$ 2,480,000	\$ -	\$ -	\$ -	2,530,000
Total	\$ -	\$ 50,000	\$ 2,480,000	\$ -	\$ -	\$ -	2,530,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-210

Project Title:	WQCP Road Paving	Operating Costs:	
Fund:	Sanitation Replacement Reserve	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to reconstruct roads within the WQCP that have been in service for more than 30 years. Reconstruction is recommended because the roadways base structures have failed. The project is proposed to be constructed in three phases with design of the first phase proposed to be completed by November 2016 and project fully constructed by May 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	- \$	150,000 \$	150,000 \$	150,000 \$	- \$	- \$	450,000
Total	\$	150,000 \$	150,000 \$	150,000 \$	- \$	- \$	450,000

SOURCES OF FUNDING:								
San. Replacement Reserve	\$	- \$	150,000 \$	150,000 \$	150,000 \$	- \$	- \$	450,000
Total	\$	- \$	150,000 \$	150,000 \$	150,000 \$	- \$	- \$	450,000

TECHNOLOGY

TECHNOLOGY

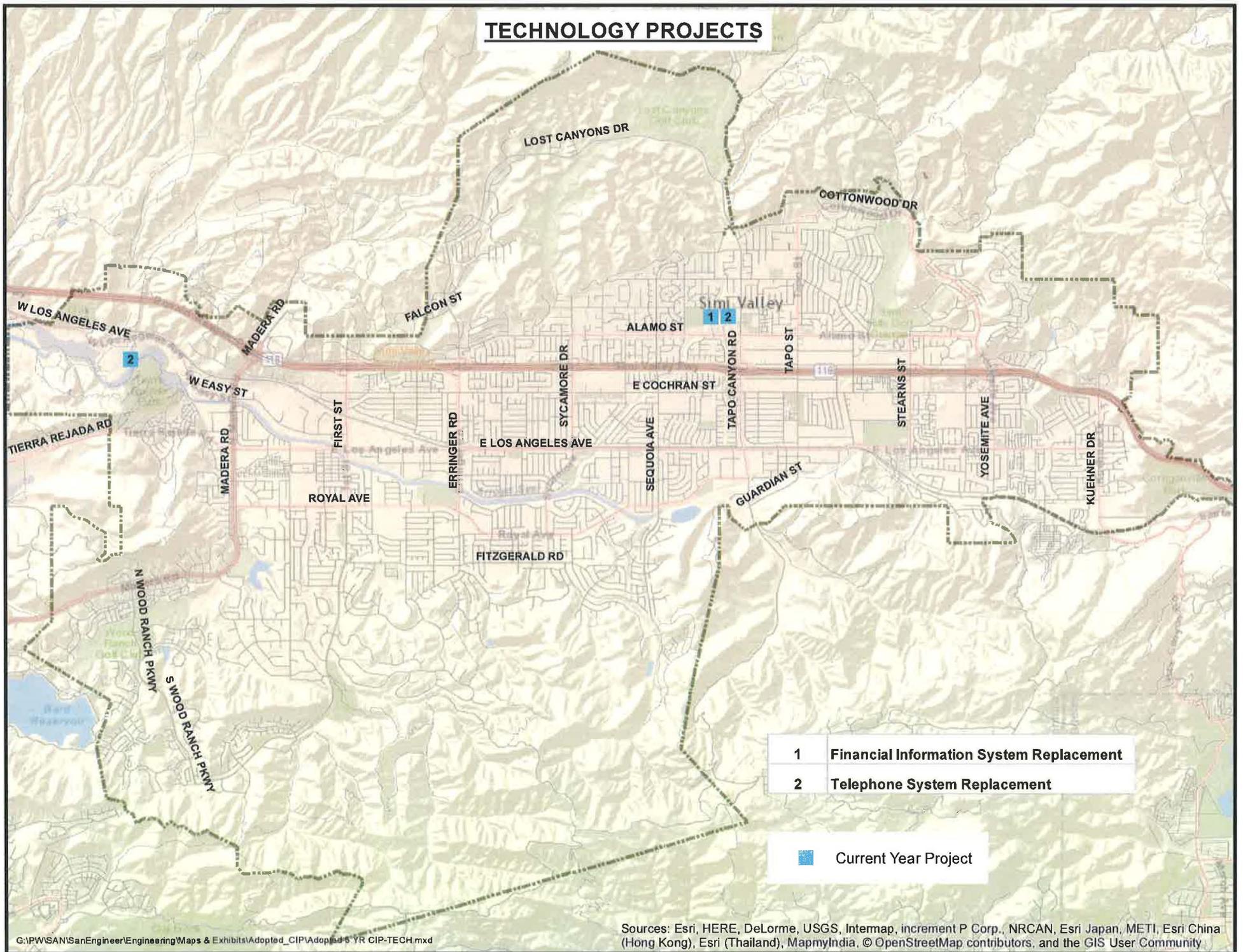
The Technology category contains two major projects to improve communications and information systems in the City. The projects are financed from a variety of City funds.

The Information Systems Replacement project includes upgrading the City's 14 year old financial system and 15 year old permitting system. Updating technology and replacing manual processes is of critical importance to the City with the aging workforce and anticipated employee changeover in coming years. This category contains two proposed projects at an estimated five-year cost of \$7,878,000. FY 2015-16 funding in the amount of \$2,050,000 was authorized for a phased upgrade of the Citywide Enterprise Resource Plan (ERP) systems. In January 2016 the two former technology funds (FIS & GIS) were consolidated into the Information Systems Fund to simplify accounting and project tracking. Project cost estimates were established in a consultant study that evaluated 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.

The Telephone Replacement project will replace the City's 21 year old telephone system. Voicemail is no longer supported by the vendor as of Jun3 30, 2016, and the telephones will no longer be supporting as of 2018. City staff is working with a consultant to identify needs to convert to a Voice Over Internet Protocol (VOIP) system. The process will take two years until full implementation in FY 2017-18.



TECHNOLOGY PROJECTS



1	Financial Information System Replacement
2	Telephone System Replacement

■ Current Year Project

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Financial Information System Replacement	Operating Costs:		
Fund:	Information Systems Fund	First Year:	\$256,900	(included in
Lead Department:	Administrative Services	Subsequent Years:	\$256,900	services below)
Project Manager:	Garry Boswell	Source of Funds:	Multiple	

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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Training	22,500	30,000	30,000	30,000	-	-	112,500
Professional/Special Services	447,700	792,800	767,800	589,600	393,200	256,900	3,248,000
Application Software	737,500	212,200	130,300	32,000	32,000	32,000	1,176,000
Outside Assistance	-	150,000	175,000	125,000	-	-	450,000
Data Conversion	55,000	165,000	-	-	-	-	220,000
System Hardware	227,500	60,000	50,000	-	-	-	337,500
Contingency	-	141,000	115,300	77,700	-	-	334,000
Total	\$ 1,490,200	\$ 1,551,000	\$ 1,268,400	\$ 854,300	\$ 425,200	\$ 288,900	\$ 5,878,000

SOURCE OF FUNDING	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Dev't Agreement Fund	348,700	97,000	97,000	290,500	-	-	833,200
General Fund	-	198,500	198,500	198,500	186,500	162,800	944,800
Transit	4,000	36,200	36,200	36,200	34,000	29,800	176,400
Sanitation Operating Fund	31,700	53,800	53,800	53,800	51,600	47,400	292,100
Waterworks Operating Fund	37,900	55,300	55,300	55,300	53,100	48,900	305,800
IS Projects Capital Fund	768,300	1,010,200	727,600	120,000	-	-	2,626,100
CERF	299,600	100,000	100,000	100,000	100,000	-	699,600
Total	\$ 1,490,200	\$ 1,551,000	\$ 1,268,400	\$ 854,300	\$ 425,200	\$ 288,900	\$ 5,878,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	City Telephone System Replacement	Operating Costs:	
Fund:	Telephone Fund	First Year:	\$300,000
Lead Department:	Administrative Services	Subsequent Years:	\$300,000
Project Manager:	Connie Henes-Baird	Source of Funds:	Dev't Agreement Fund

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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Professional/Special Services	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
System Hardware	-	1,000,000	-	-	-	-	1,000,000
Total	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000

SOURCE OF FUNDING							
Proceeds of Capital Financing	\$ -	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
Dev't Agreement Fund	-	300,000	-	-	-	-	300,000
Sanitation Operating Fund	-	34,000	-	-	-	-	34,000
Transit Fund	-	33,000	-	-	-	-	33,000
Waterworks Operating Fund	-	33,000	-	-	-	-	33,000
Total	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000

TRANSIT

TRANSIT

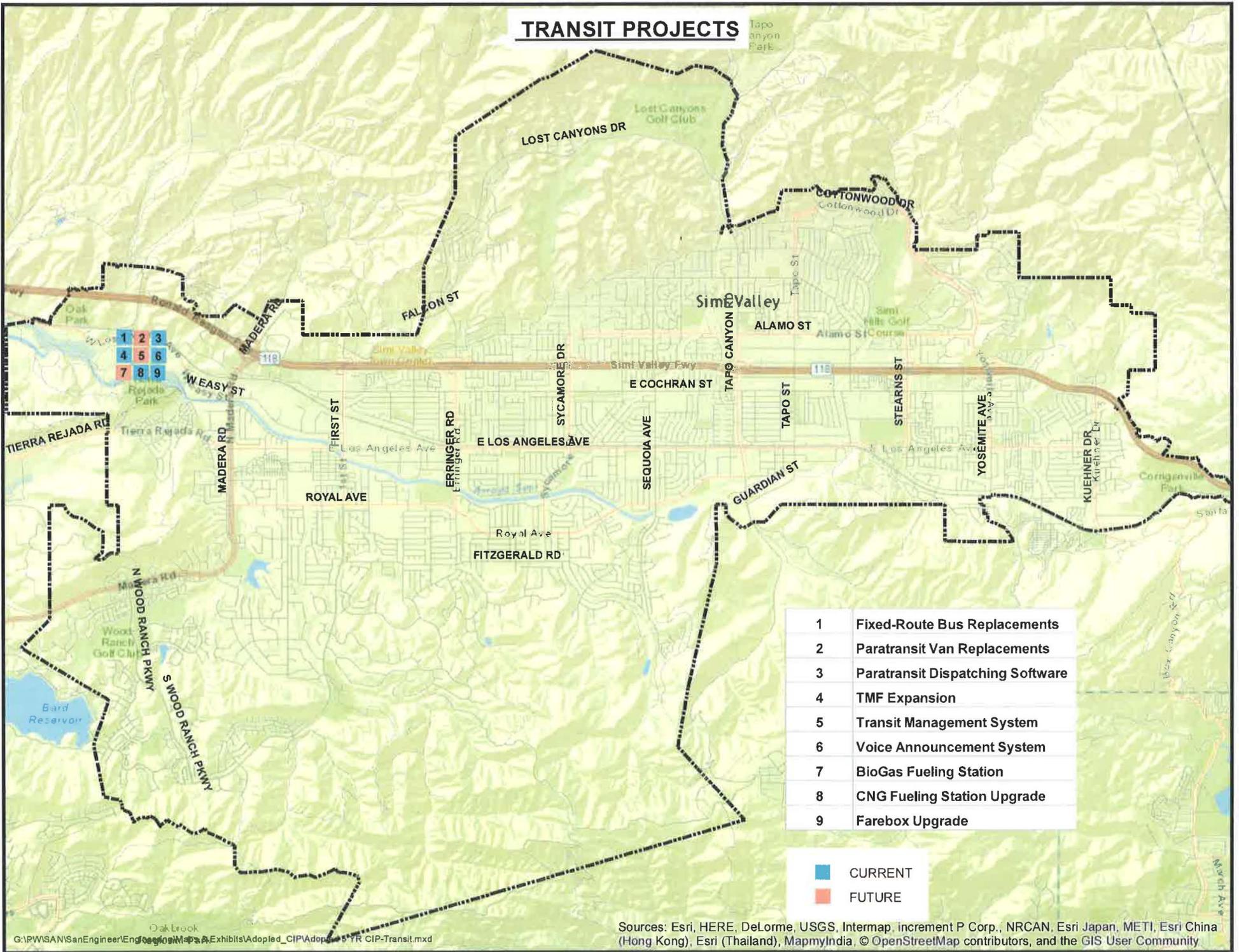
The Transit category includes projects to replace fixed-route buses and paratransit vans and to implement new dispatching software and cameras for the paratransit vans. This category contains nine projects at a projected total cost over five years of \$9,037,300 all of which is funded through various State and Federal grants and revenue sources. *There is zero General Fund contribution for these projects.*

Six projects are funded in FY 2016-17 at a cost of \$3,102,700 including \$1,250,000 in funding for the replacement of two fixed-route buses that are expected to reach the end of their useful service life and are due to be replaced, \$40,800 for paratransit dispatching software, \$1,324,700 for an upgrade to the Transit CNG fueling facility, \$370,400 to expand the Transit maintenance facility, and \$55,000 for cameras for paratransit vans to improve passenger and driver safety, among other projects. One project to replace three paratransit vans is included for FY 2019-20.

Transit vehicle cost estimates for fixed-route buses are established based on previous vehicle purchases and a specified level of funding that is authorized by the Federal Transit Administration prior to a budget being established.



TRANSIT PROJECTS



1	Fixed-Route Bus Replacements
2	Paratransit Van Replacements
3	Paratransit Dispatching Software
4	TMF Expansion
5	Transit Management System
6	Voice Announcement System
7	BioGas Fueling Station
8	CNG Fueling Station Upgrade
9	Farebox Upgrade

■	CURRENT
■	FUTURE

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	BioGas Fueling Station	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick/Joe Deakin	Sources of Funds:	County/State/Fed Funds

Project Description: This project would construct a biogas fueling station to utilize methane produced by the City's Wastewater Treatment Plant for fueling of both City and non-City CNG vehicles. In doing so, the City would turn a renewable and free energy source into a revenue stream for future years. The project is pending the award of additional funds and will be using TDA funds as the local match to fund the project.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Capital Costs	\$ -	\$ -	\$ -	\$ 310,000	\$ 1,190,000	\$ -	\$ 1,500,000
Design/Coordination	-	-	200,000	-	-	-	200,000
	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 200,000	\$ 310,000	\$ 1,190,000	\$ -	\$ 1,700,000

SOURCES OF FUNDING:							
TBD	\$ -	\$ -	\$ -	\$ -	\$ 790,000	\$ -	\$ 790,000
TDA Article 4 Funds	\$ -	\$ -	\$ 200,000	\$ 310,000	\$ 400,000	\$ -	\$ 910,000
Total	\$ -	\$ -	\$ 200,000	\$ 310,000	\$ 1,190,000	\$ -	\$ 1,700,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	CNG Fueling Station Upgrade	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

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 (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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
CNG Fueling Station Upgrade	\$ -	\$ 1,324,700	\$ -	\$ -	\$ -	\$ -	\$ 1,324,700
Total	\$ -	\$ 1,324,700	\$ -	\$ -	\$ -	\$ -	\$ 1,324,700

SOURCES OF FUNDING:							
State Prop 1B	\$ -	\$ 1,324,700	\$ -	\$ -	\$ -	\$ -	\$ 1,324,700
Total	\$ -	\$ 1,324,700	\$ -	\$ -	\$ -	\$ -	\$ 1,324,700

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Fare Box Upgrade	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Fare Box Upgrade	\$ 63,700	\$ 21,800	\$ -	\$ -	\$ -	\$ -	\$ 85,500
Total	\$ 63,700	\$ 21,800	\$ -	\$ -	\$ -	\$ -	\$ 85,500

SOURCES OF FUNDING:							
CMAQ - FY 2011-12	\$ 63,700	\$ 21,800	\$ -	\$ -	\$ -	\$ -	\$ 85,500
Total	\$ 63,700	\$ 21,800	\$ -	\$ -	\$ -	\$ -	\$ 85,500

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Fixed-Route Bus Replacements	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources 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 in 2005, with Federal funds and are scheduled to be replaced in 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 (CNG). Replacement of the buses will ensure continued reliability of service while reducing maintenance costs. Additional State Prop 1B/PTMISEA is allocated for Simi Valley and will allow for the replacement of the two NABI buses in FY 2016-17. Additional funding will need to be secured to replace the remaining two New Flyer buses.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Fixed-Route Bus Replacement (3)	-	1,250,000	625,000	-	-	-	1,875,000
Total \$	-	\$ 1,250,000	\$ 625,000	-	-	-	\$ 1,875,000

SOURCES OF FUNDING:							
State Prop 1B/PTMISEA	-	1,250,000	300,000	-	-	-	1,550,000
TDA Article 4 Supplement for St:	-	-	325,000	-	-	-	325,000
Total \$	-	\$ 1,250,000	\$ 625,000	-	-	-	\$ 1,875,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Paratransit Dispatching System	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Mara Malch	Sources of Funds:	County/State/Fed Funds

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 (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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Paratransit Dispatch Software	\$ 40,800	\$ 40,800	\$ -	\$ -	\$ -	\$ -	81,600
Total	\$ 40,800	\$ 40,800	\$ -	\$ -	\$ -	\$ -	81,600

SOURCES OF FUNDING:							
TDA Article 4	\$ 8,100	\$ 8,100	\$ -	\$ -	\$ -	\$ -	16,200
FTA 5307 FY 2015-16	32,700	-	-	-	-	-	32,700
FTA 5307 FY 2016-17		32,700					32,700
Total	\$ 40,800	\$ 40,800	\$ -	\$ -	\$ -	\$ -	81,600

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Paratransit Van Replacements	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

Project Description: The Federal Transit Administration (FTA) Rolling Stock Service Life Policy states that an FTA funded paratransit van must remain in transit use for a minimum service life of at least five years or an accumulation of at least 150,000 miles. Replacement of the vans will ensure continued reliability of service while reducing maintenance costs. Twelve vans were purchased between 2015 and 2016. A capital reserve is being built up for the replacement of the vans existing fleet at staggered intervals to allow for stabilized maintenance costs and fleet reliability.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Van Replacements (2)	\$ 410,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 410,000
Van Replacements (4)	820,000	-	-	-	-	-	820,000
Van Replacements (6)	1,250,000	-	-	-	-	-	1,250,000
Van Replacements (3)	-	-	-	-	600,100	-	600,100
Total	\$ 2,480,000	\$ -	\$ -	\$ -	\$ 600,100	\$ -	\$ 3,080,100

SOURCES OF FUNDING:							
CMAQ - FY 2010-11 (2)	\$ 228,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 228,500
TDA4 for CMAQ FY 2010-11	181,500	-	-	-	-	-	181,500
State Prop 1B - FY 2010-11 (1)	88,600	-	-	-	-	-	88,600
TDA4 for Prop 1B FY 2010-11	116,400	-	-	-	-	-	116,400
State Prop 1B - FY 2012-13 (3)	265,500	-	-	-	-	-	265,500
TDA4 for Prop 1B FY 2012-13	349,500	-	-	-	-	-	349,500
State Prop 1B/PTMISEA (5)	1,250,000	-	-	-	-	-	1,250,000
TDA Article 4	-	-	200,000	200,000	200,100	-	600,100
Total	\$ 2,480,000	\$ -	\$ 200,000	\$ 200,000	\$ 200,100	\$ -	\$ 3,080,100

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Transit Maintenance Facility Expansion	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

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 (CMAQ) funds to be used over a two-year period for the expansion of the Transit Maintenance Facility. In FY 2006-07, the City Council authorized initial funding in the amount of \$100,000 for architectural design plans and an evaluation of expansion alternatives. Staff is requesting authorization to complete the construction phase of the Transit Maintenance Facility expansion project.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction - TMF Expansion	\$	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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Transit Management System	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

Project Description: The Transit Division has been awarded CMAQ FY 2014-15 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Transit Management System	\$ -	\$ -	\$ 425,000	\$ -	\$ -	\$ -	\$ 425,000
Total	\$ -	\$ -	\$ 425,000	\$ -	\$ -	\$ -	\$ 425,000

SOURCES OF FUNDING:							
CMAQ - FY 2014-15	\$ -	\$ -	\$ 292,100	\$ -	\$ -	\$ -	\$ 292,100
Local Match - TDA Article 4	-	-	132,900	-	-	-	132,900
Total	\$ -	\$ -	\$ 425,000	\$ -	\$ -	\$ -	\$ 425,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Voice Announcement System	Operating Costs:	
Fund:	Transit Fund	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Voice Announcement System	\$ -	\$ 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



CITY OF SIMI VALLEY

STREETS AND ROADS

STREETS AND ROADS PROJECTS

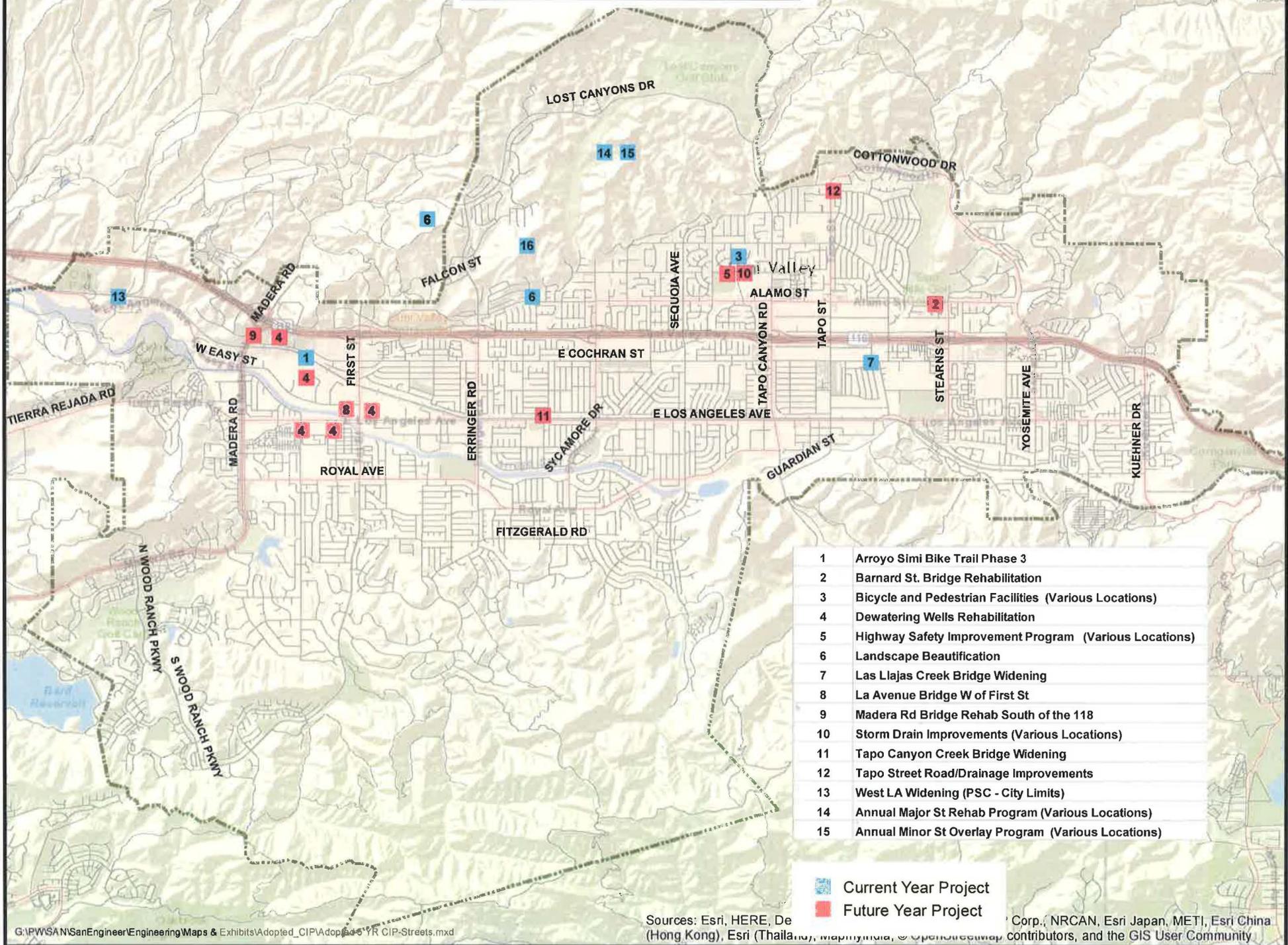
This category proposes activities to expand and improve the City's transportation infrastructure. These projects are contained in the City's Streets and Roads Program and are financed from a variety of City funds and grants provided by Federal, State, and Ventura County agencies.

This category contains 18 projects at a total projected cost of \$46,144,100 over five years. Funding in the amount of \$3,414,000 is authorized in FY 2016-17 for eight annual programs to resurface local streets, upgrade crosswalks in designated school areas, plant and maintain a grove of aromatic trees on the eastside of the landfill, widen Las Lajas Bridge and West Los Angeles Avenue, and link the trail west of Madera Road to the trail east of First Street.

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



STREETS & ROADS PROJECTS



- | | |
|----|--|
| 1 | Arroyo Simi Bike Trail Phase 3 |
| 2 | Barnard St. Bridge Rehabilitation |
| 3 | Bicycle and Pedestrian Facilities (Various Locations) |
| 4 | Dewatering Wells Rehabilitation |
| 5 | Highway Safety Improvement Program (Various Locations) |
| 6 | Landscape Beautification |
| 7 | Las Lajas Creek Bridge Widening |
| 8 | La Avenue Bridge W of First St |
| 9 | Madera Rd Bridge Rehab South of the 118 |
| 10 | Storm Drain Improvements (Various Locations) |
| 11 | Tapo Canyon Creek Bridge Widening |
| 12 | Tapo Street Road/Drainage Improvements |
| 13 | West LA Widening (PSC - City Limits) |
| 14 | Annual Major St Rehab Program (Various Locations) |
| 15 | Annual Minor St Overlay Program (Various Locations) |

■ Current Year Project
■ Future Year Project

Sources: Esri, HERE, De Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), mapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Annual Major Street Rehabilitation Program	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	Streets and Roads Fund

Project Description: The proposed FY 2016-17 project may include First Street (south of Hwy 118 to Enchanted Way), Cochran Street (Galena Ave to Sequoia Ave), and Errinder Road (Cochran St. to Alamo St.). 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 Fitzgerald Road (Sequoia Avenue to Appleton Road), Madera Road (LA Ave. to Shaver Court), Los Angeles Avenue (Tapo Canyon Rd. to Sycamore Dr.), and Stearns Street (LA Ave. to Cochran St.).

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Construction	-	810,000	1,150,000	1,150,000	1,150,000	1,150,000	5,410,000
Total	ONGOING \$	\$ 860,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 5,660,000

SOURCES OF FUNDING:							
Bond Proceeds	\$ -	\$ 490,000	\$ -	\$ -	\$ -	\$ -	\$ 490,000
General Fund	-	250,000	1,000,000	1,000,000	1,000,000	1,000,000	4,250,000
County/State/Fed Funds	-	-	-	-	-	-	-
Sanitation Oper. Fund	-	60,000	100,000	100,000	100,000	100,000	460,000
Waterworks Oper. Fund	-	60,000	100,000	100,000	100,000	100,000	460,000
Total	ONGOING \$	\$ 860,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 5,660,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Annual Minor Street Overlay Program	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	Streets and Roads Fund

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2016-17, 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Construction	-	1,400,000	1,600,000	1,600,000	1,600,000	1,600,000	7,800,000
Total	ONGOING	\$ 1,500,000	\$ 1,700,000	\$ 1,700,000	\$ 1,700,000	\$ 1,700,000	\$ 8,300,000

SOURCES OF FUNDING:							
Bond Proceeds	\$ -	\$ 830,000	\$ -	\$ -	\$ -	\$ -	\$ 830,000
General Fund	-	250,000	1,000,000	1,000,000	1,000,000	1,000,000	4,250,000
CDBG Funds	-	300,000	300,000	300,000	300,000	300,000	1,500,000
Sanitation Oper. Fund	-	60,000	200,000	200,000	200,000	200,000	860,000
Waterworks Oper. Fund	-	60,000	200,000	200,000	200,000	200,000	860,000
Total	ONGOING	\$ 1,500,000	\$ 1,700,000	\$ 1,700,000	\$ 1,700,000	\$ 1,700,000	\$ 8,300,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Arroyo Simi Greenway Bike Trail Phase 3	Operating Costs:	
Fund:	Streets and Roa	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

Project Description: This project will provide a critical link in a large project to create a continuous bike trail/multi-use facility along the entire Arroyo Simi. This Phase 3 project links the trail west of Madera Road to the trail east of First Street (Phase 2 of the Arroyo Simi Greenway). Design began in Spring 2015 and construction is anticipated to commence in Fall 2016.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	150,000
Construction	1,244,000	200,000	-	-	-	-	1,444,000
Total	\$ 1,394,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	1,594,000

SOURCES OF FUNDING:							
Air Quality Trust Funds	\$ 130,500	\$ 200,000	\$ -	\$ -	\$ -	\$ -	330,500
Contributions	66,500	-	-	-	-	-	66,500
County/State/Fed Funds	1,197,000	-	-	-	-	-	1,197,000
Total	\$ 1,394,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	1,594,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Barnard Street Bridge Rehabilitation	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

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 summer 2017. Construction is scheduled to begin in summer 2018 and to be completed by December 2018. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	150,000
Construction	-	-	-	500,000	-	-	500,000
Total	\$ -	\$ -	\$ 150,000	\$ 500,000	\$ -	\$ -	650,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 17,200	\$ 57,300	\$ -	\$ -	74,500
County/State/Fed Funds	-	-	132,800	442,700	-	-	575,500
Total	\$ -	\$ -	\$ 150,000	\$ 500,000	\$ -	\$ -	650,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Bicycle and Pedestrian Facilities	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jim Brunner	Source of Funds:	Bicycle Lanes Fund

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 widenings. Some project costs may be eligible for Federal, State or local grant funds. The FY 2016-17 project includes upgrading crosswalks in designated school areas.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ 50,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 530,000
Total	ONGOING	\$ 50,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 530,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000
Air Quality Trust Funds	-	25,000	-	-	-	-	25,000
Bicycle Lanes Fund	-	25,000	60,000	60,000	60,000	60,000	265,000
Total	ONGOING	\$ 50,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 530,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Dewatering Wells Rehabilitation	Operating Costs:	
Fund:	Streets & Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Grover Townsend	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, which 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 40,000	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 120,000
Construction	130,000	-	100,000	100,000	100,000	100,000	530,000
Total	\$ 170,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 650,000

SOURCES OF FUNDING:							
General Fund	\$ 170,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 650,000
Total	\$ 170,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 650,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Highway Safety Improvement Program (HSIP)	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Rocky Nungester	Source of Funds:	County/State/Fed 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 new Manual of Uniform Traffic Control Devices requirements in future years.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ 297,000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 497,000
Total	\$ 297,000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 497,000

SOURCES OF FUNDING:							
General Fund	\$ 29,000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 229,000
County/State/Fed Funds	268,000	-	-	-	-	-	268,000
Total	\$ 297,000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 497,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Landscape Beautification Projects	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jerry Clark	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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Landscape Architect	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	50,000
Construction	270,000	80,000	80,000	80,000	80,000	80,000	670,000
Total	\$ 320,000	\$ 80,000	720,000				

SOURCES OF FUNDING:							
Contributions	\$ 320,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	720,000
Total	\$ 320,000	\$ 80,000	720,000				

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Las Lajas Creek Bridge Widenin	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

Project Description: This project includes the widening of the Las Lajas Creek Bridge on Cochran Street, 0.4 miles east of Tapo Street. The bridge is being widened by 14 feet on the north side and 11 feet on the south side. The project also includes the relocation of existing utility lines adjacent to the bridge and modification to the existing Las Lajas Creek Bridge concrete transition improvements both upstream and downstream of the Las Lajas Creek. Design has begun. Construction is scheduled to begin in summer 2016 and be completed by December of 2016. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ 395,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	435,000
Construction	865,300	-	-	-	-	-	865,300
Total	\$ 1,260,300	\$ 40,000	\$ -	\$ -	\$ -	\$ -	1,300,300

SOURCES OF FUNDING:							
General Fund	\$ 136,000	\$ -	\$ -	\$ -	\$ -	\$ -	136,000
County/State/Fed Funds	1,124,300	40,000	-	-	-	-	1,164,300
Total	\$ 1,260,300	\$ 40,000	\$ -	\$ -	\$ -	\$ -	1,300,300

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title: LA Avenue Widening (Church St-Tapo Cyn Drain)
Fund: Streets and Roads
Lead Department: Public Works
Project Manager: Kamran Panah

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: Traffic Impact Fee Fund

Project Description: This project includes widening the north side of Los Angeles Avenue by six feet from approximately Church Street to the Tapo Canyon Drain. Funding is from the City Traffic Impact Fee Fund.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	220,000	-	-	-	-	220,000
Total	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	220,000

SOURCES OF FUNDING:							
Traffic Impact Fee Fund	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000
Total	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	220,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	LA Avenue West of First St Bridge	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

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 2018. Construction is scheduled to begin in July of 2019 and to be completed by December 2020. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ 1,700,000
Construction	-	-	-	-	9,510,000	-	9,510,000
Total	\$ -	\$ -	\$ -	\$ 1,700,000	\$ 9,510,000	\$ -	\$ 11,210,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ -	\$ 195,000	\$ 1,090,800	\$ -	\$ 1,285,800
County/State/Fed Funds	-	-	-	1,505,000	8,419,200	-	9,924,200
Total	\$ -	\$ -	\$ -	\$ 1,700,000	\$ 9,510,000	\$ -	\$ 11,210,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Madera Rd. Bridge Rehab South of the 118 Fwy	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

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 2017. Construction is scheduled to begin in September of 2018 and to be completed by March 2019. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ -	\$ 66,000	\$ -	\$ -	\$ -	66,000
Construction	-	-	-	354,500	-	-	354,500
Total	\$ -	\$ -	\$ 66,000	\$ 354,500	\$ -	\$ -	420,500

SOURCES OF FUNDING:							
Traffic Impact Fees	\$ -	\$ -	\$ 7,600	\$ 40,700	\$ -	\$ -	48,300
County/State/Fed Funds	-	-	58,400	313,800	-	-	372,200
Total	\$ -	\$ -	\$ 66,000	\$ 354,500	\$ -	\$ -	420,500

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Storm Drain Improvements	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Brent Siemer	Source of Funds:	General Fund

Project Description: This project will provide for ongoing 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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Tapo Canyon Creek Bridge Widening	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

Project Description: This project includes the widening/replacing of the Tapo Canyon Drain Bridge on Los Angeles Avenue, 0.2 miles east of Sycamore Drive. The project will widen the bridge 5 feet on the north side and 20 feet on the south side. It also includes the relocation of existing utility lines adjacent to the bridge and modification to the existing Tapo Canyon Drain Bridge concrete transition improvements both upstream and downstream of the Tapo Canyon Drain. Design is scheduled to begin in September 2019. Construction is scheduled to begin in September of 2020 and to be completed by October 2021. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
Construction	-	-	-	-	-	6,800,000	6,800,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 6,800,000	\$ 8,000,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ -	\$ -	\$ 137,600	\$ 780,000	\$ 917,600
County/State/Fed Funds	-	-	-	-	1,062,400	6,020,000	7,082,400
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 6,800,000	\$ 8,000,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Tapo Street Road & Drainage Improvements	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
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 2017 and be complete by October of 2017.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	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

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Traffic Signal Synchronization	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
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 Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000
Total	ONGOING	\$ -	\$ 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	ONGOING	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	Traffic Signal Upgrades	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	David Medina	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 and approved by the City Council during their annual review of the Traffic Signal Construction Program in the spring of each year. The City currently operates 121 traffic signals. Each year, design is scheduled for completion within six months of funding availability. It is anticipated that selected projects will be completed by the end of the fiscal year.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Construction	\$ -	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000
Total	ONGOING	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000
Total	ONGOING	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO FY 2020-21

Project Title:	West L.A. Ave Widening (PSC-City Limit)	Operating Costs:	
Fund:	Streets and Roads	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

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

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Engineering	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	135,000
Construction	3,313,300	464,000	-	-	-	-	3,777,300
Total	\$ 3,448,300	\$ 464,000	\$ -	\$ -	\$ -	\$ -	3,912,300

SOURCES OF FUNDING:							
General Fund	\$ 235,000	\$ -	\$ -	\$ -	\$ -	\$ -	235,000
County/State/Fed Funds	3,213,300	464,000	-	-	-	-	3,677,300
Total	\$ 3,448,300	\$ 464,000	\$ -	\$ -	\$ -	\$ -	3,912,300

WATERWORKS DISTRICT

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.

The Waterworks five-year Capital Improvement Program includes 13 projects at a total projected cost of \$47,428,300, of which \$9,872,200 is funded in FY 2016-17. FY 2016-17 projects funded by the Replacement Reserve will be used for interior recoating of water tanks, replacement of small tanks, replacement of the waterline in Rollins Road, water main improvements or replacements, rehabilitation of wells, and a planned upgrade to the Water Plant's SCADA software system.

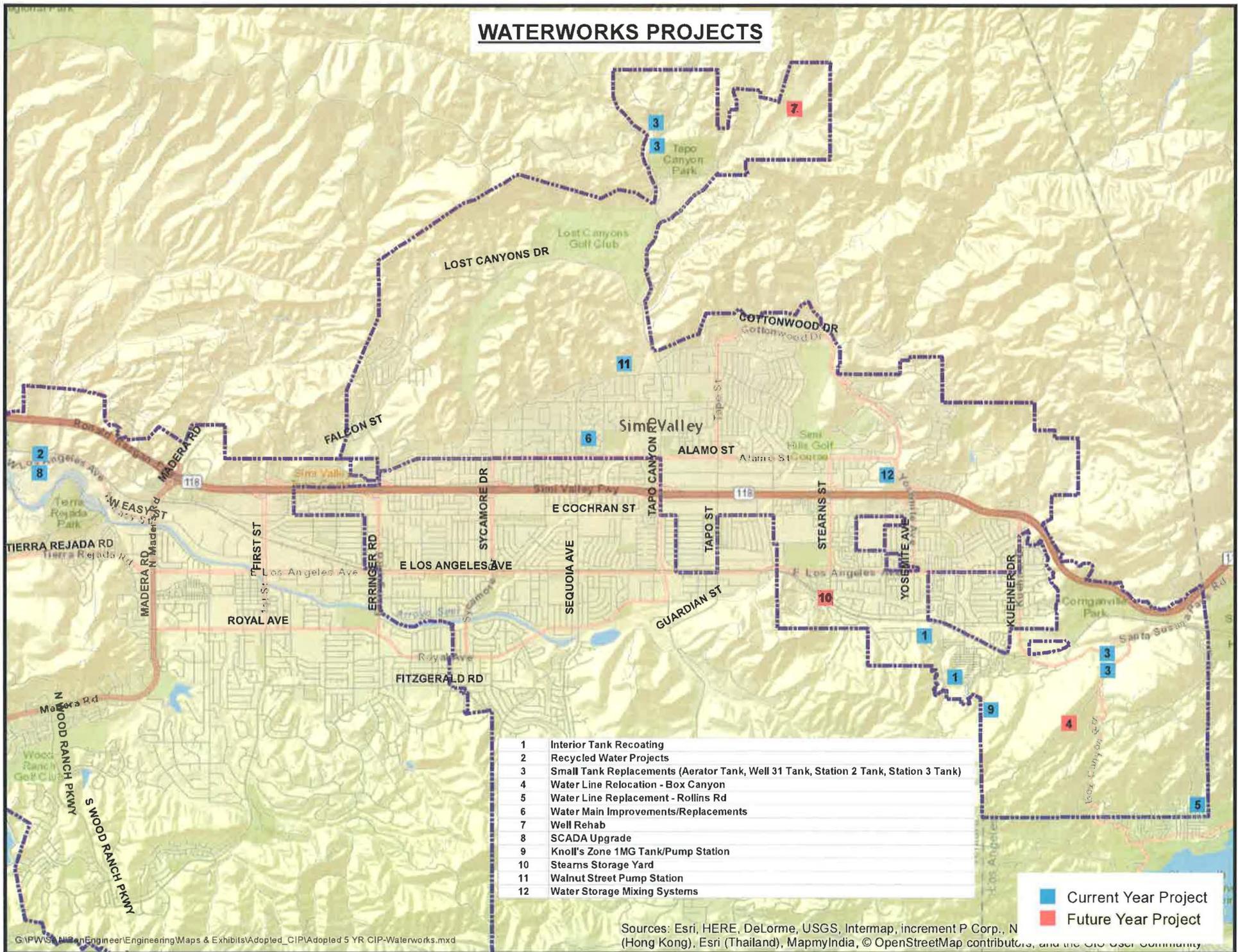
The Replacement Reserve will also fund recycled water projects to expand recycled water service to customers with large irrigation or non-potable water demands reducing imported water purchases by the District and improving water supply reliability. This project is possible through a \$3 million Proposition 84 grant awarded to the City's Public Works Department, as well as over \$17.8 million in State Loan revenues, to be repaid over time by proceeds of recycled water sales.

Projects in the Capital Reserve will fund a 1 million gallon tank and pump station for the Knoll's Zone, replacement of the Walnut Street Pump Station, and replacement of water storage mixing systems, Simi Valley Groundwater Basin planning studies toward groundwater production and treatment, and adding a production well in the Gillibrand Basin to provide greater groundwater supply reliability for the Tapo Canyon Water Treatment Plant.

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



CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Interior Tank Recoating	Operating Costs:	
Fund:	Waterworks Replacement Reserve Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Robert Zastrow	Source of Funds:	WW Replacement Reserve

Project Description: This proposed program would repair and recoat the interiors of water storage tanks. Many of the 42 tanks in the Waterworks inventory were constructed in the 1960s with coal-tar enamel coatings that are now obsolete. Tank coatings, as well as structural conditions, are inspected, evaluated, and prioritized based on need for rehabilitation. The top priorities are: 1. Madera 1190 Tank, 2. Walnut Tank No. 1, 3. Walnut Tank No. 2, 4. Flanagan Tank, and 5. Alta Vista Tank No. 1. Staff proposes to rehabilitate these tanks in the order presented, one tank each fiscal year, for the following five fiscal years.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 45,000	\$ 40,000	\$ 50,000	\$ 45,000	\$ 20,000	\$ 200,000
Construction	-	255,000	245,000	310,000	255,000	180,000	1,245,000
Total	\$ -	\$ 300,000	\$ 285,000	\$ 360,000	\$ 300,000	\$ 200,000	\$ 1,445,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ -	\$ 300,000	\$ 285,000	\$ 360,000	\$ 300,000	\$ 200,000	\$ 1,445,000
Total	\$ -	\$ 300,000	\$ 285,000	\$ 360,000	\$ 300,000	\$ 200,000	\$ 1,445,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Knolls Zone Water Facilities	Operating Costs:	
Fund:	Waterworks Capital Improvement Fund	First Year:	\$6,500
Lead Department:	Public Works	Subsequent Years:	\$6,500
Project Manager:	Robert Zastrow	Source of Funds:	WW Capital Fund

Project Description: This project would design and construct a 1-million gallon water storage tank on property to be acquired in the Knolls Zone. The project includes a pump station, approximately 1,100 feet of 12-inch pipeline, and a pressure reducing station. The proposed improvements will increase water storage capacity and increase pressure at higher elevations in the Knolls Zone. Construction is scheduled to be completed in FY 2017-18.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Land Acquisition	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000
Consultant Services	325,000	20,000	120,000	-	-	-	465,000
Construction	511,300	480,000	1,280,000	-	-	-	2,271,300
Total	\$ 1,161,300	\$ 500,000	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 3,061,300

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ 1,161,300	\$ 500,000	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 3,061,300
Total	\$ 1,161,300	\$ 500,000	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 3,061,300

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: New Well in Gillibrand Basin
Fund: Waterworks Capital Improvement Fund
Lead Department: Public Works
Project Manager: Ernest Wong

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: WW Replacement Reserve

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 Well 32. This well, along with Well 31d supplies the Tapo Canyon Water Treatment Plant and provides nonpotable water supply to the Lost Canyons Golf Course. The current well configuration is at full demand at the peak demand period, with no redundancy available for a well outage. Well 32 is nearly 50 years old and is not reliable. Adding a well to the production capability would provide for greater reliability

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 40,000	\$ 120,000
Construction	-	-	-	-	300,000	800,000	1,100,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 380,000	\$ 840,000	\$ 1,220,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ -	\$ -	\$ -	\$ -	\$ 380,000	\$ 840,000	\$ 1,220,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 380,000	\$ 840,000	\$ 1,220,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: Recycled Water Projects
Fund: Waterworks Capital Improvements Fund
Lead Department: Public Works
Project Manager: Ernest Wong

Operating Costs:
First Year: \$4,000
Subsequent Years: \$70,000
Source of Funds: WW Replacement Reserve/
County/State/Federal Funds

Project Description: This project is proposed to increase recycled water availability to 70 or more customers, including schools, cemeteries, and recreational facilities along Madera Road, Cochran Street, and Royal Avenue as well as the Simi Valley Town Center and a number of Caltrans freeway intersections; in the western area of Simi Valley. The proposed construction would upgrade the existing recycled water pump station at the Water Quality Control Plant, construct a storage tank, install up to twelve miles of main pipeline, and construct a small 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 2016-17. The SRF loan is a line of credit with an interest rate of 1 percent over a 30-year term.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 1,554,000	\$ 180,200	\$ 624,100	\$ 292,600	\$ 211,100	\$ -	\$ 2,862,000
Construction	3,165,800	6,397,000	5,200,700	2,438,700	1,758,800	-	18,961,000
Purchase Calleguas System	-	1,460,000	-	-	-	-	1,460,000
Total	\$ 4,719,800	\$ 8,037,200	\$ 5,824,800	\$ 2,731,300	\$ 1,969,900	\$ -	\$ 23,283,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 2,737,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,737,000
Proposition 84 Grant	500,000	2,500,000	-	-	-	-	3,000,000
State Revolving Fund Loan	1,482,800	5,537,200	5,824,800	2,731,300	1,969,900	-	17,546,000
Total	\$ 4,719,800	\$ 8,037,200	\$ 5,824,800	\$ 2,731,300	\$ 1,969,900	\$ -	\$ 23,283,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Waterworks SCADA System Upgrade	Operating Costs:	
Fund:	Waterworks Replacement Reserve Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Sarah Sheshebor	Source of Funds:	WW Replacement Reserve

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 would 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 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 100,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 150,000
Construction	\$ -	\$ 150,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 350,000
Total	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000
Total	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 500,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Simi Valley Groundwater Basin	Operating Costs:	
Fund:	Waterworks Capital Improvement Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Ernest Wong	Source of Funds:	WW Replacement Reserve

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 is 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) is meanwhile 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 CIP, and would conceivably cost \$50 million or more in total, but is expected to be cost effective, conceivably saving over \$7 million per year in water purchase costs.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ 500,000	\$ 1,500,000
Construction	-	-	-	-	-	7,000,000	7,000,000
Total	\$ -	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ 7,500,000	\$ 8,500,000

SOURCES OF FUNDING:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Waterworks Repl. Reserve	\$ -	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ -	\$ 1,000,000
Revenue Financing	-	-	-	-	-	7,500,000	7,500,000
Total	\$ -	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ 7,500,000	\$ 8,500,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Small Tank Replacements	Operating Costs:	
Fund:	Waterworks Replacement Reserve Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Sarah Sheshebor	Source of Funds:	WW Replacement Reserve

Project Description: This project is proposed to replace Well 31 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.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 60,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000
Construction	480,000	50,000	-	-	-	-	530,000
Total	\$ 540,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 540,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Total	\$ 540,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: Walnut Avenue Pump Station
Fund: Waterworks Capital Improvements Fund
Lead Department: Public Works
Project Manager: Robert Zastrow

Operating Costs:
First Year: \$10,000
Subsequent Years: \$10,000
Source of Funds: WW Capital 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. The new water line would serve Lost Canyons, and due to the ongoing development, the developer would share the cost of the improvement. (The budget shown herein does not include the developer's cost share.) The estimated completion date is dependent on the developer's schedule. This project was formerly titled "Tapo Street Pump Station Replacement Project."

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 40,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 60,000
Construction	-	20,000	480,000	-	-	-	500,000
Total	\$ -	\$ 60,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 560,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ -	\$ 60,000	\$ 375,000	\$ -	\$ -	\$ -	\$ 435,000
Developer's Share	-	-	125,000	-	-	-	125,000
Total	\$ -	\$ 60,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 560,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: Water Line Extension in Rollins Road
Fund: Waterworks Capital Improvements Fund
Lead Department: Public Works
Project Manager: Robert Zastrow

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: WW Replacement Reserve

Project Description: This project is proposed to extend an existing pipeline in Rollins Road by 322 feet, and install nine service connections and a fire hydrant. An additional 325 feet of water line in County Line Road was completed in FY 2014-15, however, appurtenances (blow-offs, hydrants) must yet be installed.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000
Construction	60,000	105,000	-	-	-	-	165,000
Total	\$ 64,000	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 169,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 64,000	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 169,000
Total	\$ 64,000	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 169,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: Water Line Relocation - Box Canyon
Fund: Waterworks Replacement Reserve Fund
Lead Department: Public Works
Project Manager: Ernest Wong

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: WW Replacement Reserve

Project Description: This project is proposed to relocate 400 feet of 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 is also exploring alternatives, such as realigning the roadway.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 25,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Construction	195,000	35,000	-	-	-	-	230,000
Total	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Total	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title:	Water Main Replacement Program	Operating Costs:	
Fund:	Waterworks Replacement Reserve Fund	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Ernest Wong	Source of Funds:	WW Replacement Reserve

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 to address hydraulic deficiencies, deteriorating pipeline conditions, and correct right-of-way conflicts, thereby maintaining water system reliability.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ -	\$ 10,000	\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 710,000
Construction	-	90,000	900,000	1,800,000	1,800,000	1,800,000	6,390,000
Total	\$ -	\$ 100,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 7,100,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ -	\$ -100,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 7,100,000
Total	\$ -	\$ 100,000	\$ 1,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 7,100,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: Water Storage Mixing Systems
Fund: Waterworks Capital Improvements Fund
Lead Department: Public Works
Project Manager: Ernest Wong

Operating Costs:
First Year: \$6,500
Subsequent Years: \$6,500
Source of Funds: WW 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 this improvement to improve water quality and reduce water wasting. Proposed for improvement are First Street Tanks Nos. 1, 2, 3, and 4 in FY 2016-17, and Flanagan Tank in FY 2017-18. Adding these devices will likely complete the program, as smaller tanks in the Waterworks inventory are not as prone to water quality degradation.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 60,000	\$ 20,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 90,000
Construction	165,000	70,000	40,000	-	-	-	275,000
Total	\$ 225,000	\$ 90,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 365,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ 225,000	\$ 90,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 365,000
Total	\$ 225,000	\$ 90,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 365,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2016-17 TO 2020-21

Project Title: Well Rehabilitation Program
Fund: Waterworks Replacement Reserve Fund
Lead Department: Public Works
Project Manager: Ernest Wong

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: WW Replacement Reserve

Project Description: This project is proposed to assess and rehabilitate three production 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 assessment would inspect all wells, review their construction, test the mechanical equipment, and check the water quality. The data would be analyzed to determine the characteristics, condition, and deterioration of each well and equipment to recommend rehabilitation and maintenance measures. A well expert (hydrogeologist) will also be needed for analytical work and advice.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Consultant Services	\$ 40,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ 80,000
Construction	40,000	70,000	70,000	70,000	35,000	-	285,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 45,000	\$ -	\$ 365,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 45,000	\$ -	\$ 365,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 45,000	\$ -	\$ 365,000



CITY OF SIMI VALLEY

GLOSSARY

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 Underexpenditures

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.

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.

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.

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 Governmental 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 least in part to this costing methodology. Accordingly, the Personnel Savings account is used to account for this factor in preparing fund balance projections.

Public Financing Authority

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

Reserve

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

Revenue

Sources of income that finance the operations of government.

Special Revenue Funds

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

Subventions

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

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