

CITY OF SIMI VALLEY PROPOSED FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

***FISCAL YEARS
2020-21 TO 2024-25***



CITY OF SIMI VALLEY

CITY OF SIMI VALLEY • CAPITAL IMPROVEMENT PROGRAM • FY 2020-21

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CITY OF SIMI VALLEY

Home of The Ronald Reagan Presidential Library

June 8, 2020

Dear Members of the City Council/Boards of Directors:

I am pleased to submit the Proposed Five-Year Capital Improvement Program (CIP) for FY 2020-21 to FY 2024-25. 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 CIP provides information for City Council consideration regarding the City's future capital improvement needs while deliberating on the Budget for the upcoming fiscal year.

The CIP is submitted as a separate document to the Adopted Budget and contains detailed information, by project, regarding capital improvements to be funded in FY 2020-21. It also serves as a capital improvement spending plan for the subsequent four years. All projects contained in the CIP in future Fiscal Years will not necessarily be funded as proposed; the City Council will consider all projects on a year-by-year basis in conjunction with annual budget adoption.

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

Capital improvement projects are assigned to the following six categories:

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

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

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

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

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

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

Expenditure Program

A total of 99 capital projects at an estimated five-year cost of \$127,714,280, are contained in the Proposed CIP. Funding for FY 2020-21, is proposed at \$43,520,280. The balance of \$84,194,000, is proposed by departments for funding in FY 2021-22 to FY 2024-25.

Projects are labeled with priority levels: I. Imperative, II. Essential, III. Important, and IV. Desirable, as outlined in the Budget Policies. Priority is 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, are placed in higher priority. The City is continuing to resurface residential streets at various locations in the City, mostly with State Gas Tax funding.

Notable projects and programs in FY 2020-21 are as follows:

- \$1.25 million for repair of the failing roof systems at the PSC Garage and office facility.
- \$19.6 million for design and construction of eleven energy-related projects at the Water Quality Control Plant.
- \$3.6 million for sewer line replacements.
- \$2.5 million for resurfacing of residential streets.
- \$1.35 million for the widening/rehabilitation of the existing bridge on Barnard St.
- \$1.4 million for upgrading the CNG fueling station for the city’s transit operations.
- \$2.15 million for design and construction of a 1 million gallon water storage tank in the Knolls pressure zone.
- \$1 million for constructing a pump station at the Walnut Yard.

Ongoing Operating Expenses

The projected annual increase in operations and maintenance expense in FY2020/21, as a result of projects scheduled for, or near, completion in FY2020/21, is \$320,000 through \$520,000 from the General Fund. The following table identifies the anticipated cumulative increases in operating expenses by fund and fiscal year.

PROJECTED CUMULATIVE INCREASE IN OPERATING EXPENSES

<u>General Fund</u>	<u>FY 2020-21</u>	<u>FY 2021-22</u>	<u>FY 2022-23</u>	<u>FY 2023-24</u>	<u>FY 2024-25</u>
Total Increase	\$ 320,000	\$ 320,000	\$ 520,000	\$ 520,000	\$ 520,000

Funding Sources

The City relies primarily upon non-General Fund revenue sources for its projects.

Requests for rate increases for both Sanitation and the Waterworks District were approved in 2020 and will increase monies available for capital infrastructure needs in those enterprise funds. The Sanitation Fund and Waterworks District are the largest funding sources for Sanitation and Waterworks projects.

Other alternative funding sources for capital projects include grants, and bank funding of the eleven energy-related projects at the Water Quality Control Plant, and Community Development Block Grant (CDBG) dollars.

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

Accounting System and Budgetary Control

The City's accounting records for general governmental operations are maintained on a modified accrual basis, with

revenues being recorded when measurable and available to finance expenditures of the current fiscal year, and expenditures being recorded when the services or goods are received and liabilities incurred.

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

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

Summary

The Five-Year CIP for FY 2020-21 to FY 2024-25 identifies the City's short-range and medium-range capital improvement needs. Investing in our streets, sanitation, and waterworks infrastructure, and updating and maintaining City facilities are emphasized as priorities in this spending plan.

FY 2020-21 projects contained in the CIP are funded in the FY 2020-21 Annual Budget. The projected development costs, operating costs, and sources of funding for projects proposed for implementation during FY 2020-21 to FY 2024-25 are based on work load and estimated inflation factors and provided here to assist the City Council/Board of Directors in making informed budget decisions for FY 2020-21.



Brian Paul Gabler
City Manager

**CITY OF SIMI VALLEY
 FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
 FISCAL YEARS 2020-21 TO 2024-25**

PROGRAM SUMMARY BY CATEGORY

Category	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
Municipal Buildings and Grounds	\$ 1,818,000	\$ 1,580,000	\$ 1,430,000	\$ 575,000	\$ 725,000	\$ 6,128,000
Sanitation	24,230,000	11,105,000	6,155,000	11,015,000	15,080,000	67,585,000
Transit	4,209,973	60,000	60,000	60,000	60,000	4,449,973
Streets and Roads	5,082,307	5,555,000	13,130,000	3,630,000	3,630,000	31,027,307
Waterworks	8,180,000	3,770,000	3,075,000	1,794,000	1,705,000	18,524,000
CITYWIDE TOTAL	\$ 43,520,280	\$ 22,070,000	\$ 23,850,000	\$ 17,074,000	\$ 21,200,000	\$ 127,714,280

**CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2020-21 TO 2024-25**

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					5 Yr. Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
<u>Municipal Buildings and Grounds Projects</u>						
Cultural Arts Center ("CAC") Repairs	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Library Collections	225,000	225,000	230,000	230,000	230,000	1,140,000
Library Furnishings & Equipment	5,000	5,000	50,000	45,000	45,000	150,000
Police Training Facility	25,000	-	-	-	-	25,000
PSC Garage & Office Facility	1,250,000	-	-	-	-	1,250,000
Repairs and Upgrades to the Library	150,000	300,000	800,000	100,000	100,000	1,450,000
Senior Center Repairs and Upgrades	163,000	1,000,000	300,000	150,000	300,000	1,913,000
Total For Category	\$ 1,818,000	\$ 1,580,000	\$ 1,430,000	\$ 575,000	\$ 725,000	\$ 6,128,000
<u>Sanitation Projects</u>						
Annual Sewerline Inspection / Cleaning	\$ 645,000	\$ 665,000	\$ 680,000	\$ 700,000	\$ 725,000	\$ 3,415,000
Building Roof Rehabilitation	-	100,000	150,000	1,050,000	-	1,300,000
Chlorine Contact Basin Rehabilitation	-	-	-	-	1,200,000	1,200,000
CMMS Improvement Program	255,000	265,000	-	-	-	520,000
East BNR Tank Repairs	-	-	-	100,000	750,000	850,000
Electric Conveyance Replacement	-	-	200,000	2,000,000	-	2,200,000
ESCO Projects	19,600,000	4,650,000	-	-	-	24,250,000
FEB Basin Repairs	-	-	-	-	800,000	800,000
Filter Equipment Replacement	-	-	-	350,000	3,200,000	3,550,000

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FISCAL YEARS 2020-21 TO 2024-25**

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					5 Yr. Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
<u>Sanitation Projects (continued)</u>						
Grit Pumps Replacement	-	-	100,000	110,000	-	210,000
Inventory Management Program	-	-	-	325,000	-	325,000
Laboratory Hoods Replacement	100,000	-	-	-	-	100,000
Manhole Rehabilitation	-	-	-	-	175,000	175,000
MCC Replacement - Disinfection & Filters	-	-	-	150,000	900,000	1,050,000
Performance Management Program	-	265,000	-	-	-	265,000
Primary Clarifier Rehabilitation	-	-	50,000	200,000	3,050,000	3,300,000
Project Management System	-	-	-	200,000	200,000	400,000
Safety Improvements	-	-	235,000	-	-	235,000
SCADA Alarm Management Program	-	55,000	55,000	55,000	60,000	225,000
SCADA PlantPAX Migration	-	1,100,000	1,150,000	-	-	2,250,000
Secondary Effluent Diversion Structure Repair	-	-	-	-	220,000	220,000
SLR-Arelia-Arroyo Simi	-	-	-	1,550,000	-	1,550,000
SLR-Civic Center-Alamo	-	-	-	625,000	-	625,000
SLR-East Los Angeles Avenue	-	-	-	2,350,000	2,400,000	4,750,000
SLR-Easy-Arroyo-Simi	2,000,000	2,105,000	2,210,000	-	-	6,315,000
SLR-First-Erringer-Sycamore	-	-	-	-	1,400,000	1,400,000
SLR-Royal-Arroyo Simi	-	-	-	1,050,000	-	1,050,000
SLR-Sinaloa Lake-West	-	-	1,250,000	-	-	1,250,000
SLR-Sinaloa-Royal-LongCyn	100,000	1,900,000	-	-	-	2,000,000

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PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					5 Yr. Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
<u>Sanitation Projects (continued)</u>						
SLR-Sycamore-TapoCyn	1,530,000	-	-	-	-	1,530,000
WAS Pump Station Overhaul	-	-	75,000	200,000	-	275,000
Total For Category	\$ 24,230,000	\$ 11,105,000	\$ 6,155,000	\$ 11,015,000	\$ 15,080,000	\$ 67,585,000
<u>Streets and Roads Projects</u>						
Barnard St. Bridge Rehabilitation	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000
Dewatering Wells Rehabilitation Project	-	120,000	120,000	120,000	120,000	480,000
Landscape Beautification Project	80,000	80,000	80,000	80,000	80,000	400,000
Local Road Safety Plan	80,000	-	-	-	-	80,000
LA Ave. West of First Street Reconstruction Project	150,000	1,550,000	9,510,000	-	-	11,210,000
Madera Road Bridge Rehab South of HWY 118 Project	700,000	-	-	-	-	700,000
Madera Road Slope Repair	-	75,000	-	-	-	75,000
Major Streets Rehabilitation Program	-	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
Minor Street Overlay Program	511,978	1,850,000	1,850,000	1,850,000	1,850,000	7,911,978
Minor Street Overlay Program - SB1	2,050,329	-	-	-	-	2,050,329
Traffic Signal Synchronization Project	150,000	150,000	150,000	150,000	150,000	750,000
Traffic Signal Upgrades	-	200,000	210,000	220,000	220,000	850,000
Walnut Street Widening	-	320,000	-	-	-	320,000
West of Los Angeles Avenue Widening Project	10,000	10,000	10,000	10,000	10,000	50,000
Total For Category	\$ 5,082,307	\$ 5,555,000	\$ 13,130,000	\$ 3,630,000	\$ 3,630,000	\$ 31,027,307

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PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					5 Yr. Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
<u>Transit Projects</u>						
Bus Stop Improvements	\$ 41,600	\$ -	\$ -	\$ -	\$ -	\$ 41,600
Bus Technology Equipment	350,888	-	-	-	-	350,888
CNG Fueling Station Upgrade	1,400,000	-	-	-	-	1,400,000
Paratransit Dispatching System	55,000	60,000	60,000	60,000	60,000	295,000
Short Range Transit Plan Projects	1,788,004	-	-	-	-	1,788,004
Transit Maint. Facility Paving	574,481	-	-	-	-	574,481
Total For Category	\$ 4,209,973	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 4,449,973
<u>Waterworks District Projects</u>						
District Telemetry Systems	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Flanagan Tank Repair and Recoat	-	545,000	-	-	-	545,000
Hilltop Tank Rafter Repair	305,000	-	-	-	-	305,000
Knolls Zone Water Facilities	2,150,000	-	-	-	-	2,150,000
Landscape, Fencing, Noise Barrier	20,000	10,000	10,000	10,000	10,000	60,000
Lilac Tank Repair	-	-	-	310,000	-	310,000
Main Line Valve Replacement	125,000	125,000	125,000	125,000	125,000	625,000
Marr Ranch Tank 1 Rafters Repair	205,000	-	-	-	-	205,000
Mellow Lane Tank Repair and Recoat	-	-	-	210,000	-	210,000
New Well in Gillibrand Basin	850,000	-	-	-	-	850,000
Oak Knolls Pump Station	360,000	-	-	-	-	360,000
Painting of Water Facilities	60,000	60,000	60,000	60,000	60,000	300,000
Paving & Slurry Seal at Tank Sites	50,000	25,000	25,000	25,000	25,000	150,000

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

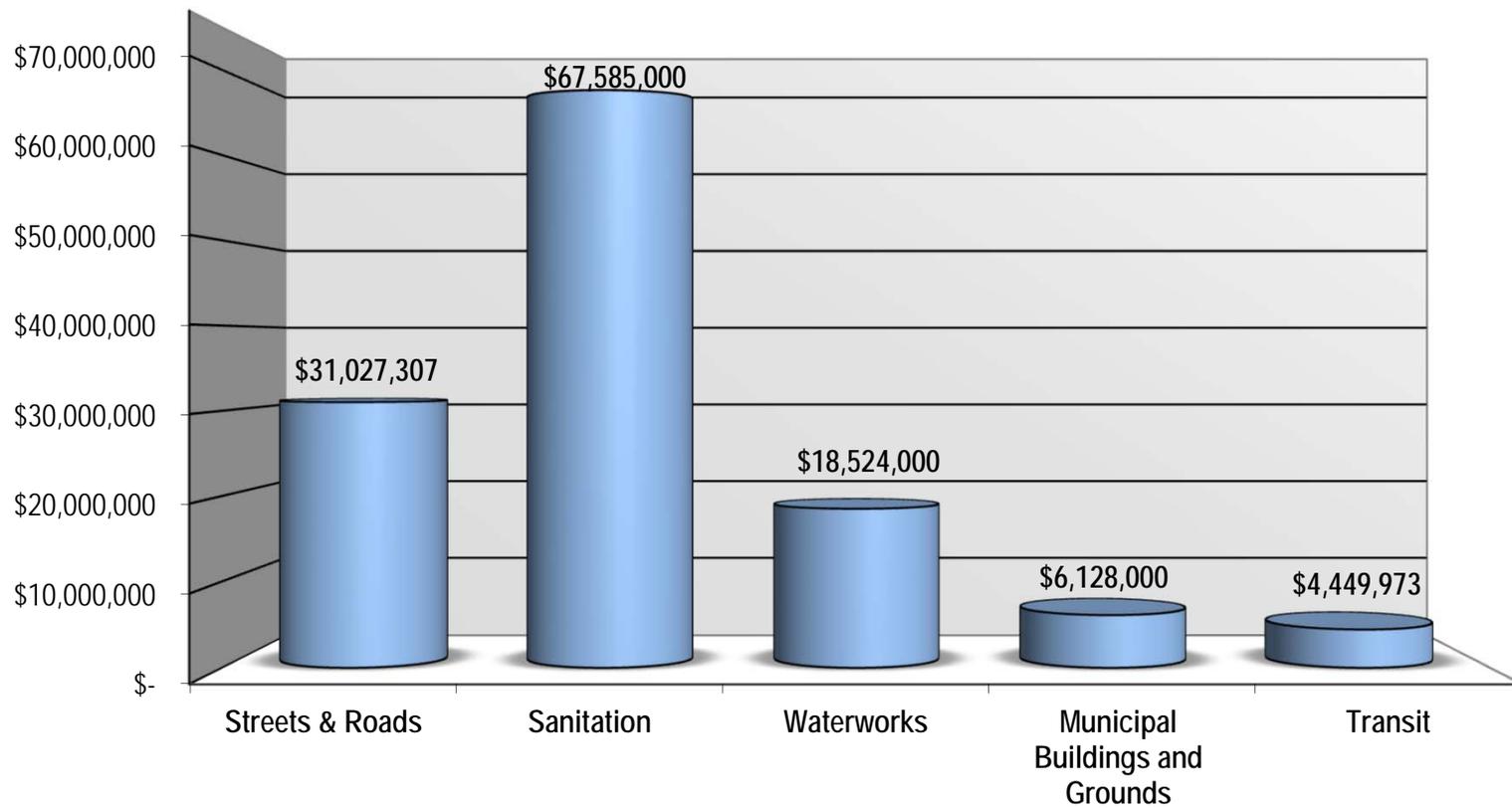
Category/Project	Fiscal Year					5 Yr. Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
<u>Waterworks District Projects (continued)</u>						
Pump Station Rehab - Station 1	650,000	-	-	-	-	650,000
Pump Station Rehab - Station 2	370,000	-	-	-	-	370,000
Refurbishment/Install District Pumping Facilities	55,000	55,000	55,000	55,000	55,000	275,000
Seismic Evaluation Repairs	150,000	350,000	-	-	-	500,000
Stearns Tank 1 and 2 Repairs	-	380,000	-	-	-	380,000
Stow Tanks 1-4 Repairs and Recoat	-	-	850,000	-	-	850,000
Tank Inspection and Cleaning	40,000	60,000	50,000	40,000	50,000	240,000
Urban Water Master Plan Update	100,000	-	-	-	-	100,000
Valve Box Replacement	15,000	15,000	15,000	15,000	15,000	75,000
Vulnerability Assessment Upgrades	60,000	60,000	60,000	60,000	60,000	300,000
Walnut Avenue Pump Station	1,090,000	-	-	-	-	1,090,000
Walnut Tank 2 Repair and Recoat	-	440,000	-	-	-	440,000
Water Line Repl - Apricot/Cedar/Leota	-	-	285,000	-	-	285,000
Water Line Repl - Black Cnyn/Gaston/Reis/Studio	-	625,000	-	-	-	625,000
Water Line Repl - Casa Grande/Redwood	-	370,000	-	-	-	370,000
Water Line Repl - Del Robles/Foothill/Camino	-	-	780,000	-	-	780,000
Water Line Repl - Dennis/Rollins/Wells/Pepper Tree	625,000	-	-	-	-	625,000
Water Line Repl - Eastward/My	-	120,000	-	-	-	120,000
Water Line Repl - Folly Sims	-	-	-	584,000	-	584,000
Water Line Repl - Hilltop Rd./Oak Knolls	-	-	580,000	-	-	580,000

CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2020-21 TO 2024-25

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year					5 Yr. Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
<u>Waterworks District Projects (continued)</u>						
Water Line Repl - Lilac Tank	400,000	-	-	-	-	400,000
Water Line Repl - Loma/Ash/Katey	-	-	-	20,000	255,000	275,000
Water Line Repl - Mesa/Shirley/Johnson	-	-	-	30,000	320,000	350,000
Water Line Repl - Roan Street	-	-	-	20,000	280,000	300,000
Water Line Repl - Township/Sheri	-	-	-	50,000	350,000	400,000
Waterworks Capacity Improvements	150,000	350,000	-	-	-	500,000
Water Storage Mixing Systems	170,000	-	-	-	-	170,000
Well Rehabilitation Program	80,000	80,000	80,000	80,000	-	320,000
Total For Category	\$ 8,180,000	\$ 3,770,000	\$ 3,075,000	\$ 1,794,000	\$ 1,705,000	\$ 18,524,000
 CITYWIDE TOTAL	 \$ 43,520,280	 \$ 22,070,000	 \$ 23,850,000	 \$ 17,074,000	 \$ 21,200,000	 \$ 127,714,280

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PLAN SUMMARY BY CATEGORY \$127,714,280



**CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
General Fund (100)						
Cultural Arts Center ("CAC") Repairs	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Dewatering Wells Rehabilitation Project	-	120,000	120,000	120,000	120,000	480,000
Local Road Safety Plan	8,000	-	-	-	-	8,000
LA Ave. West of First Street Reconstruction Project	-	177,785	1,090,800	-	-	1,268,585
Madera Road Slope Repair	-	75,000	-	-	-	75,000
Major Streets Rehabilitation Program	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Minor Street Overlay Program	-	1,330,000	1,330,000	1,330,000	1,330,000	5,320,000
Traffic Signal Upgrades	-	200,000	210,000	220,000	220,000	850,000
Walnut Street Widening	-	320,000	-	-	-	320,000
West of Los Angeles Avenue Widening Project	10,000	10,000	10,000	10,000	10,000	50,000
Total For Fund	\$ 18,000	\$ 3,282,785	\$ 3,810,800	\$ 2,730,000	\$ 2,730,000	\$ 12,571,585
Community Development Block Grant (290)						
Minor Street Overlay Program	\$ 391,978	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 1,991,978
Total For Fund	\$ 391,978	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 1,991,978
Contributions and Loans						
Landscape Beautification Project	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000
Police Training Facility	75,000	75,000	75,000	75,000	75,000	375,000
Total For Fund	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000	\$ 775,000

**CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
County/State/Federal Funds (various)						
Barnard St. Bridge Rehabilitation	\$ 1,195,000	\$ -	\$ -	\$ -	\$ -	\$ 1,195,000
Bus Stop Improvements	41,600	-	-	-	-	41,600
Bus Technology Equipment	350,888	-	-	-	-	350,888
CNG Fueling Station Upgrade	1,400,000	-	-	-	-	1,400,000
Local Road Safety Plan	72,000	-	-	-	-	72,000
LA Ave. West of First Street Reconstruction Project	132,795	1,372,215	8,419,200	-	-	9,924,210
Madera Road Bridge Rehab South of HWY 118 Project	619,710	-	-	-	-	619,710
Minor Street Overlay Program - SB1	2,050,329	-	-	-	-	2,050,329
Paratransit Dispatching System	55,000	60,000	60,000	60,000	60,000	295,000
Short Range Transit Plan Projects	1,788,004	-	-	-	-	1,788,004
Transit Maint. Facility Paving	574,481	-	-	-	-	574,481
Total For Fund	\$ 8,279,807	\$ 1,432,215	\$ 8,479,200	\$ 60,000	\$ 60,000	\$ 18,311,222
Development Agreement Fund (262)						
Barnard St. Bridge Rehabilitation	\$ 155,000	\$ -	\$ -	\$ -	\$ -	\$ 155,000
LA Ave. West of First Street Reconstruction Project	17,205	-	-	-	-	17,205
Senior Center Repairs and Upgrades	163,000	1,000,000	300,000	150,000	300,000	1,913,000
PSC Garage & Office Facility	416,000	-	-	-	-	416,000
Total For Fund	\$ 751,205	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 2,501,205

**CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
Library Fund (250)						
Library Collections	\$ 225,000	\$ 225,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 1,140,000
Library Furnishings & Equipment	5,000	5,000	50,000	45,000	45,000	150,000
Repairs and Upgrades to the Library	150,000	300,000	800,000	100,000	100,000	1,450,000
Total For Fund	\$ 380,000	\$ 530,000	\$ 1,080,000	\$ 375,000	\$ 375,000	\$ 2,740,000
Sanitation Operating Fund (700)						
ESCO Projects	\$ 19,600,000	\$ 4,650,000	\$ -	\$ -	\$ -	\$ 24,250,000
Major Streets Rehabilitation Program	-	100,000	100,000	100,000	100,000	400,000
Minor Street Overlay Program	60,000	60,000	60,000	60,000	60,000	300,000
PSC Garage & Office Facility	417,000	-	-	-	-	417,000
Total For Fund	\$ 20,077,000	\$ 4,810,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 25,367,000
Sanitation Replacement Reserve Fund (702)						
Annual Sewerline Inspection / Cleaning	\$ 645,000	\$ 665,000	\$ 680,000	\$ 700,000	\$ 725,000	\$ 3,415,000
Building Roof Rehabilitation	-	100,000	150,000	1,050,000	-	1,300,000
Chlorine Contact Basin Rehabilitation	-	-	-	-	1,200,000	1,200,000
CMMS Improvement Program	255,000	265,000	-	-	-	\$ 520,000
East BNR Tank Repairs	-	-	-	100,000	750,000	850,000
Electric Conveyance Replacement	-	-	200,000	2,000,000	-	2,200,000
FEB Basin Repairs	-	-	-	-	800,000	800,000
Filter Equipment Replacement	-	-	-	350,000	3,200,000	3,550,000
Grit Pumps Replacement	-	-	100,000	110,000	-	210,000

**CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
Sanitation Replacement Reserve Fund (702) (continued)						
Inventory Management Program	-	-	-	325,000	-	325,000
Laboratory Hoods Replacement	100,000	-	-	-	-	100,000
Manhole Rehabilitation	-	-	-	-	175,000	175,000
MCC Replacement - Disinfection & Filters	-	-	-	150,000	900,000	1,050,000
Performance Management Program	-	265,000	-	-	-	265,000
Primary Clarifier Rehabilitation	-	-	50,000	200,000	3,050,000	3,300,000
Project Management System	-	-	-	200,000	200,000	400,000
Safety Improvements	-	-	235,000	-	-	235,000
SCADA Alarm Management Program	-	55,000	55,000	55,000	60,000	225,000
SCADA PlantPAX Migration	-	1,100,000	1,150,000	-	-	2,250,000
Secondary Effluent Diversion Structure Repair	-	-	-	-	220,000	220,000
SLR-Arelia-Arroyo Simi	-	-	-	1,550,000	-	1,550,000
SLR-Civic Center-Alamo	-	-	-	625,000	-	625,000
SLR-East Los Angeles Avenue	-	-	-	2,350,000	2,400,000	4,750,000
SLR-Easy-Arroyo-Simi	2,000,000	2,105,000	2,210,000	-	-	6,315,000
SLR-First-Erringer-Sycamore	-	-	-	-	1,400,000	1,400,000
SLR-Royal-Arroyo Simi	-	-	-	1,050,000	-	1,050,000
SLR-Sinaloa Lake-West	-	-	1,250,000	-	-	1,250,000
SLR-Sinaloa-Royal-LongCyn	100,000	1,900,000	-	-	-	2,000,000
SLR-Sycamore-TapoCyn	1,530,000	-	-	-	-	1,530,000
WAS Pump Station Overhaul	-	-	75,000	200,000	-	275,000
Total For Fund	\$ 4,630,000	\$ 6,455,000	\$ 6,155,000	\$ 11,015,000	\$ 15,080,000	\$ 43,335,000

CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
Traffic Impact Fees Fund (263)						
Madera Road Bridge Rehab South of HWY 118 Project	\$ 80,290	\$ -	\$ -	\$ -	\$ -	\$ 80,290
Traffic Signal Synchronization Project	150,000	150,000	150,000	150,000	150,000	750,000
Total For Fund	\$ 230,290	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 830,290
Waterworks Operating Fund (761)						
Major Streets Rehabilitation Program	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Minor Street Overlay Program	60,000	60,000	60,000	60,000	60,000	300,000
Painting of Water Facilities	60,000	60,000	60,000	60,000	60,000	300,000
Paving & Slurry Seal at Tank Sites	50,000	25,000	25,000	25,000	25,000	150,000
PSC Garage & Office Facility	417,000	-	-	-	-	417,000
Refurbishment/Install District Pumping Facilities	55,000	55,000	55,000	55,000	55,000	275,000
Valve Box Replacement	15,000	15,000	15,000	15,000	15,000	75,000
Vulnerability Assessment Upgrades	60,000	60,000	60,000	60,000	60,000	300,000
Total For Fund	\$ 717,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 2,217,000
Waterworks Capital Fund (762)						
Knolls Zone Water Facilities	\$ 2,150,000	\$ -	\$ -	\$ -	\$ -	\$ 2,150,000
New Well in Gillibrand Basin	850,000	-	-	-	-	850,000
Oak Knolls Pump Station	360,000	-	-	-	-	360,000
Walnut Avenue Pump Station	1,090,000	-	-	-	-	1,090,000
Waterworks Capacity Improvements	150,000	350,000	-	-	-	500,000

CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
Waterworks Capital Fund (762) (continued)						
Water Storage Mixing Systems	170,000	-	-	-	-	\$ 170,000
Total For Fund	\$ 4,770,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 5,120,000
Waterworks Replacement Reserve Fund (763)						
District Telemetry Systems	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Flanagan Tank Repair and Recoat	-	545,000	-	-	-	545,000
Hilltop Tank Rafter Repair	305,000	-	-	-	-	305,000
Landscape, Fencing, Noise Barrier	20,000	10,000	10,000	10,000	10,000	60,000
Lilac Tank Repair	-	-	-	310,000	-	310,000
Main Line Valve Replacement	125,000	125,000	125,000	125,000	125,000	625,000
Marr Ranch Tank 1 Rafters Repair	205,000	-	-	-	-	205,000
Mellow Lane Tank Repair and Recoat	-	-	-	210,000	-	210,000
Pump Station Rehab - Station 1	650,000	-	-	-	-	650,000
Pump Station Rehab - Station 2	370,000	-	-	-	-	370,000
Seismic Evaluation Repairs	150,000	350,000	-	-	-	500,000
Stearns Tank 1 and 2 Repairs	-	380,000	-	-	-	380,000
Stow Tanks 1-4 Repairs and Recoat	-	-	850,000	-	-	850,000
Tank Inspection and Cleaning	40,000	60,000	50,000	40,000	50,000	240,000
Urban Water Master Plan Update	100,000	-	-	-	-	100,000
Walnut Tank 2 Repair and Recoat	-	440,000	-	-	-	440,000
Water Line Repl - Apricot/Cedar/Leota	-	-	285,000	-	-	285,000

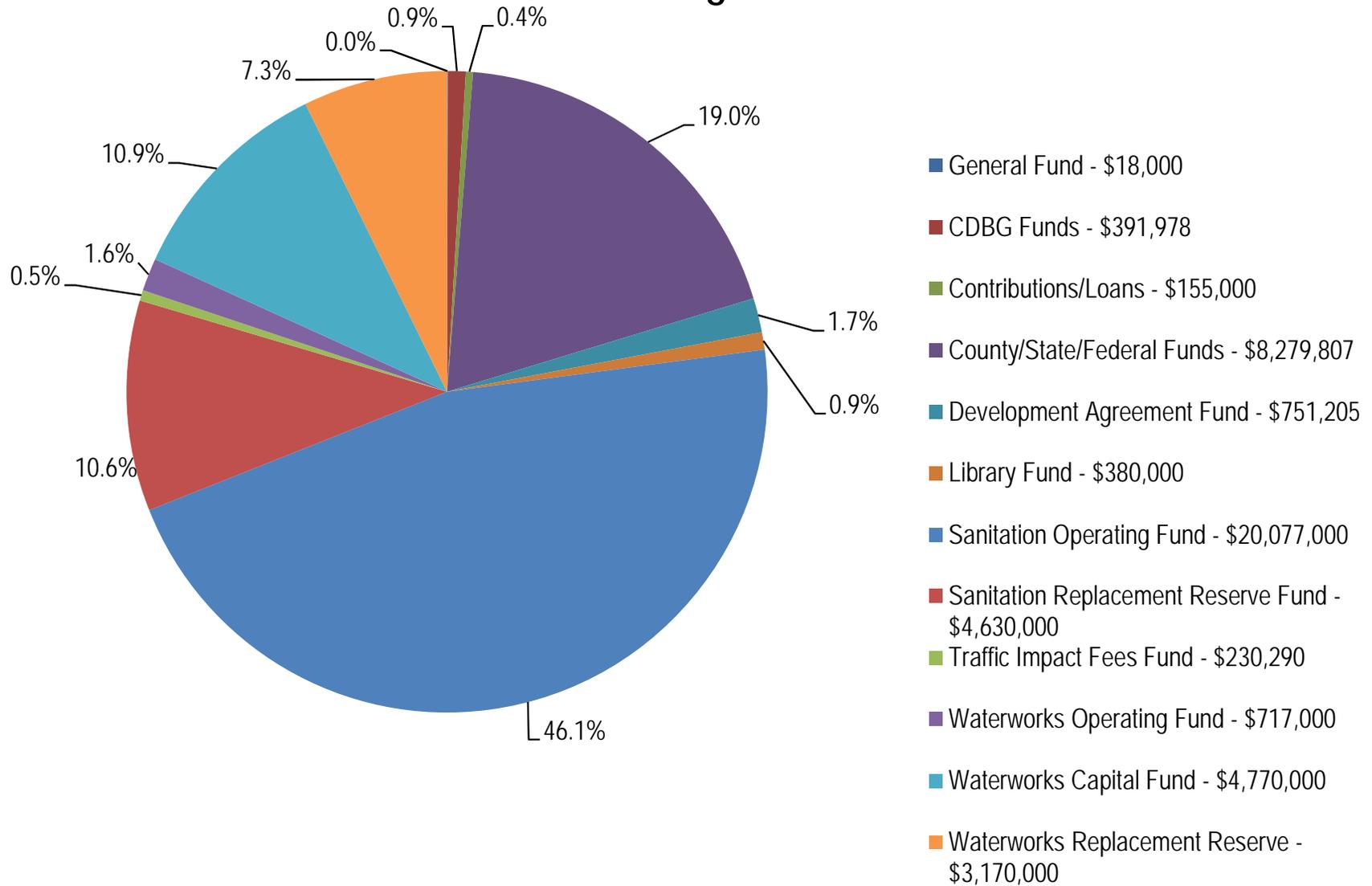
**CITY OF SIMI VALLEY
FIVE YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 202-21 TO 2024-25**

PROGRAM SUMMARY BY FUND AND PROJECT

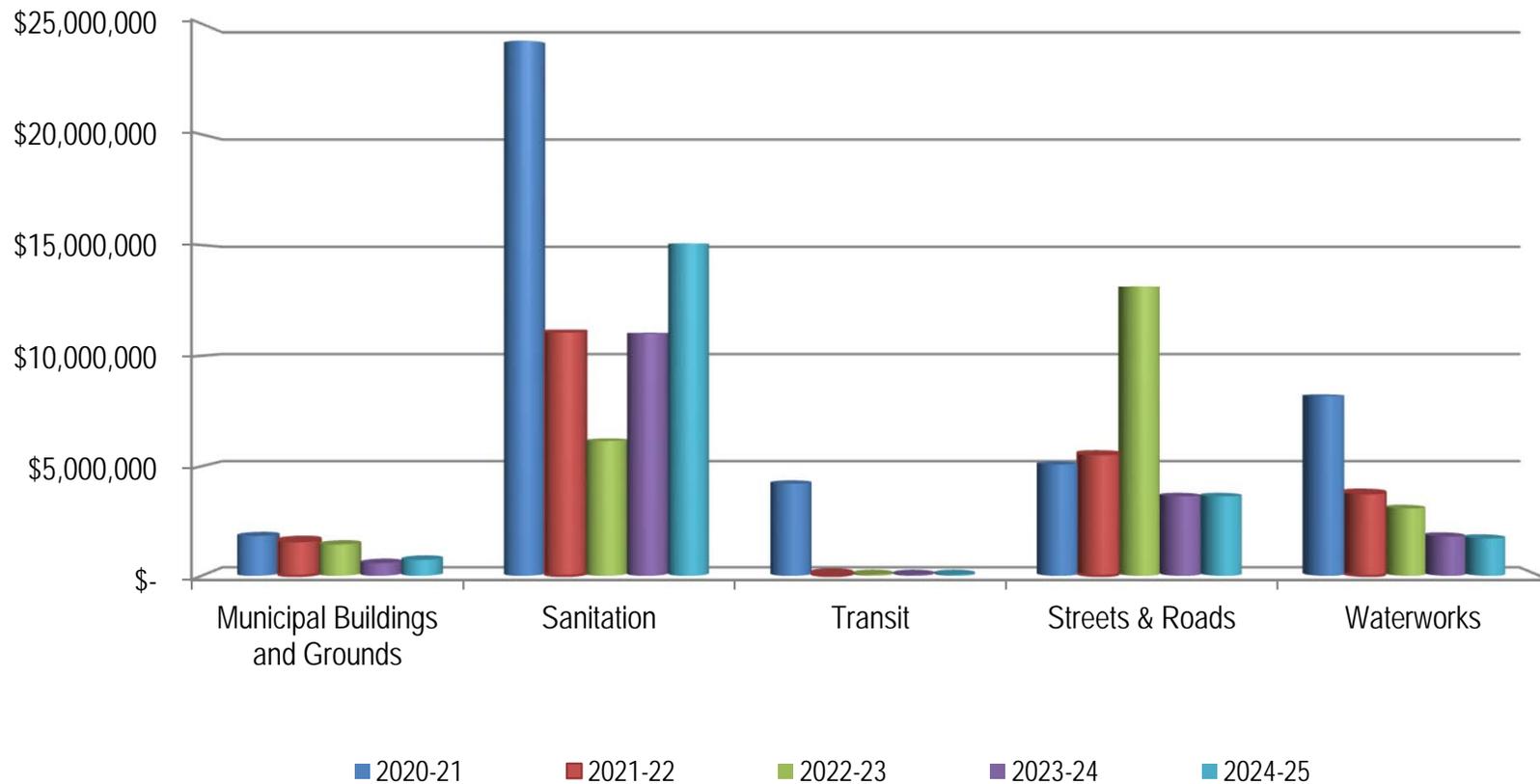
Fund/Fund Number/Project	Fiscal Year					Total
	2020-21	2021-22	2022-23	2023-24	2024-25	
Waterworks Replacement Reserve Fund (763) (continued)						
Water Line Repl - Black Cnyn/Gaston/Reis/Studio	-	625,000	-	-	-	625,000
Water Line Repl - Casa Grande/Redwood	-	370,000	-	-	-	370,000
Water Line Repl - Del Robles/Foothill/Camino	-	-	780,000	-	-	780,000
Water Line Repl - Dennis/Rollins/Wells/Pepper Tree	625,000	-	-	-	-	625,000
Water Line Repl - Eastward/My	-	120,000	-	-	-	120,000
Water Line Repl - Folly Sims	-	-	-	584,000	-	584,000
Water Line Repl - Hilltop Rd./Oak Knolls	-	-	580,000	-	-	580,000
Water Line Repl - Lilac Tank	400,000	-	-	-	-	400,000
Water Line Repl - Loma/Ash/Katey	-	-	-	20,000	255,000	275,000
Water Line Repl - Mesa/Shirley/Johnson	-	-	-	30,000	320,000	350,000
Water Line Repl - Roan Street	-	-	-	20,000	280,000	300,000
Water Line Repl - Township/Sheri	-	-	-	50,000	350,000	400,000
Well Rehabilitation Program	80,000	80,000	80,000	80,000	-	320,000
Total For Fund	\$ 3,170,000	\$ 3,205,000	\$ 2,860,000	\$ 1,579,000	\$ 1,490,000	\$ 12,304,000
 CITYWIDE TOTAL	 \$ 43,570,280	 \$ 22,145,000	 \$ 23,925,000	 \$ 17,149,000	 \$ 21,275,000	 \$ 128,064,280

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

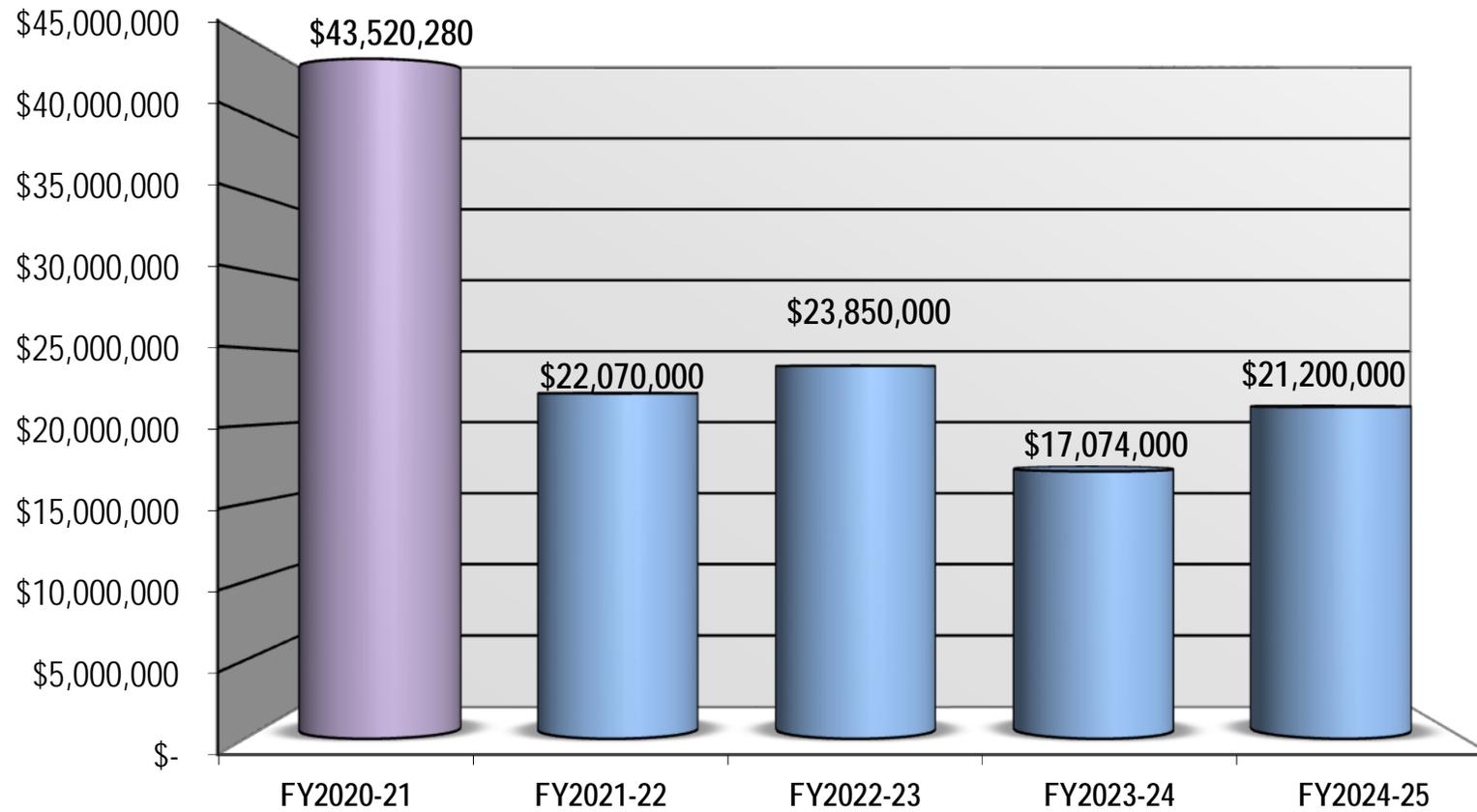
FY 2020-21 Capital Improvement Program Funding Sources



FIVE-YEAR CAPITAL PLAN BY CATEGORY AND YEAR FY2020-21 to FY2024-25



FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY BY FISCAL YEAR



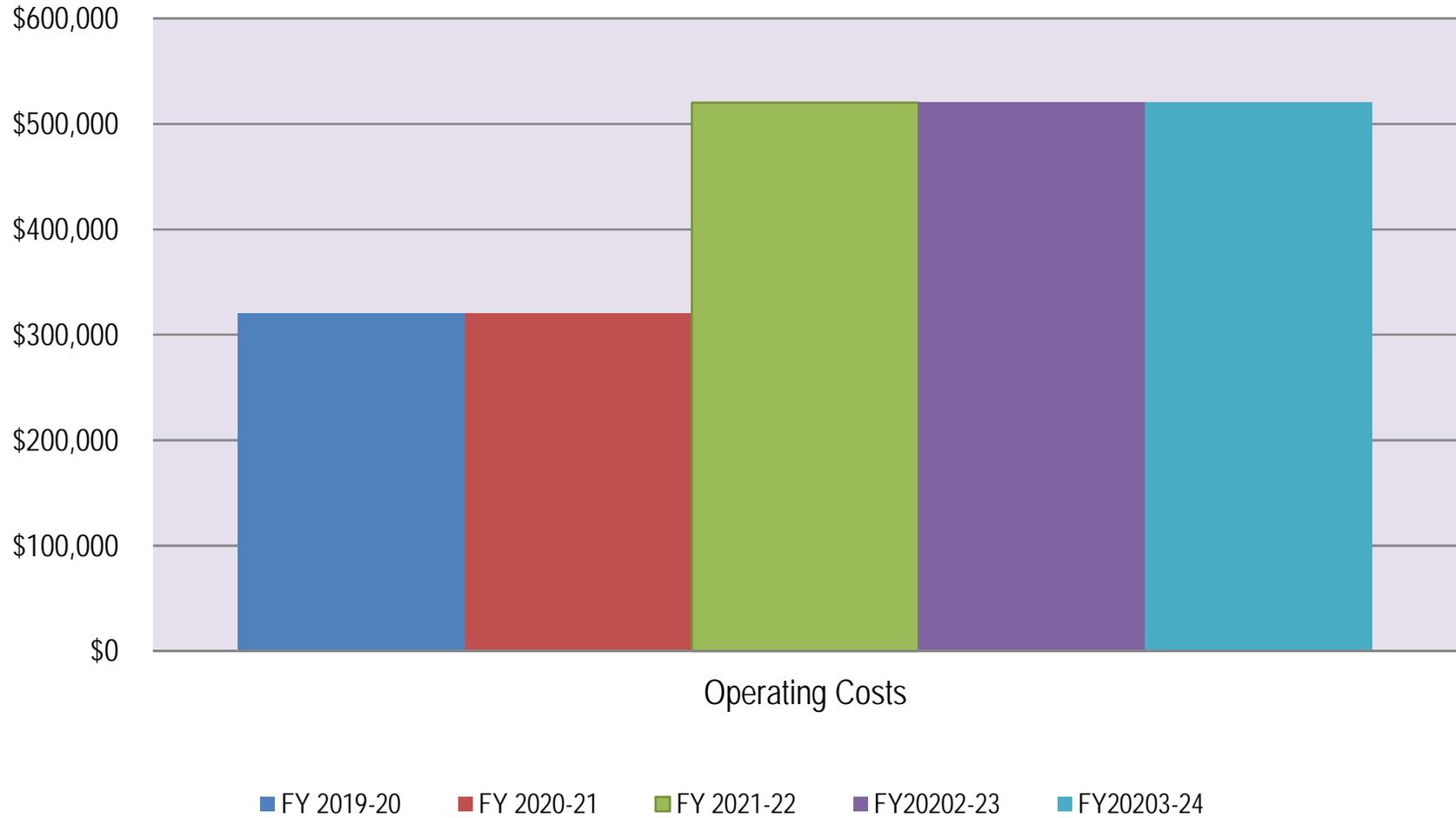
**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM**

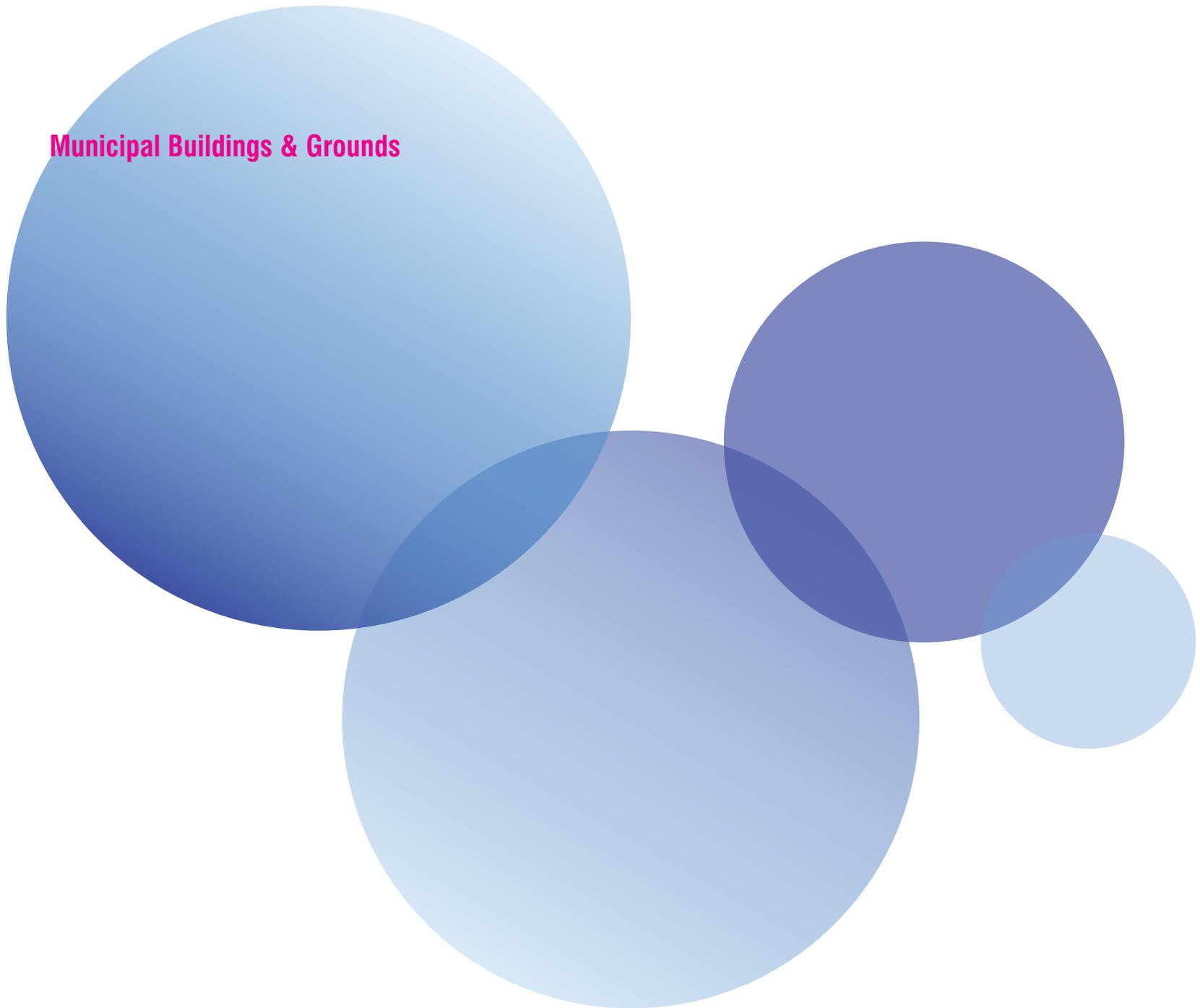
**FISCAL YEARS 2020-21 TO 2024-25
PROJECTED CUMULATIVE OPERATING INCREASES BY FUND AND PROJECT**

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 2020-21 through 2024-25. Increases are based on contractual agreements in place and actual maintenance costs. Increases are noted for the General Fund for operation of new and expanded facilities and to support an investment in information technology improvements. Operating costs for technology projects are offset by reduction in maintenance contracts for current systems. Costs beyond FY 2024-25 are expected to increase based on inflationary factors.

Fund/Project	Fiscal Year				
	2020-21	2021-22	2022-23	2023-24	2024-25
General Fund					
City Telephone System Replacement	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000
Police Training Facility	10,000	10,000	10,000	10,000	10,000
Financial Information System Replacement	310,000	310,000	310,000	310,000	310,000
Total	\$ 320,000	\$ 320,000	\$ 520,000	\$ 520,000	\$ 520,000

PROJECTED INCREASE IN OPERATING EXPENSES RELATED TO CAPITAL PROJECTS





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FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project would replace the stage right steps and concession bar, and install an ALD system to be ADA compliant; install an additional storage structure to reduce costs for replacing sets and props that are disposed of after each show due to lack of storage (completed FY2019/20); restore the rose garden to replace failed plants and improve water efficiency; upgrade overall landscaping to reduce water use; complete interior and exterior painting; upgrade downstage electrical; update the technical booth layout to meet the space and surface area needs for current equipment; upgrade electrical equipment to meet the needs of installed LED lighting; replace the worn backstage and loading area flooring; replace old pipes and plumbing; and address any miscellaneous improvements to maintain the historical landmark.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Repairs/Upgrades	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
SOURCES OF FUNDING:						
General Fund	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Total	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Library Collections	Operating Cost:
Project No:	CP25000002	First Year: \$0
Lead Department:	Community	Subsequent Year: \$0
Project Manager:	Kelly Tinker / Anna Medina	Source of Funds: Library Fund

Project Description: This is the library materials collection which includes books, audio/video items, periodicals, and other materials determined to be purchased as part of the collection. This library materials budget will continue past FY 2023-24 and fluctuate yearly based upon library need.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Library Collection	\$ 225,000	\$ 225,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 1,140,000
Total	\$ 225,000	\$ 225,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 1,140,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Library Fund	\$ 225,000	\$ 225,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 1,140,000
Total	\$ 225,000	\$ 225,000	\$ 230,000	\$ 230,000	\$ 230,000	\$ 1,140,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Library Furnishings and Equip	Operating Cost:
Project No:	CP25000003	First Year: \$0
Lead Department:	Community	Subsequent Year: \$0
Project Manager:	Kelly Tinker / Anna Medina	Source of Funds: Library Fund

Project Description: Replacement of furniture and equipment at the public library including the teen, children, adult, and conference room areas, as well as the exterior furnishings. This is a project on-going into future years, based on need.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Furnishings & Equipment	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 45,000	\$ 150,000
Total	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 45,000	\$ 150,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Library Fund	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 45,000	\$ 150,000
Total	\$ 5,000	\$ 5,000	\$ 50,000	\$ 45,000	\$ 45,000	\$ 150,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Professional Services	\$ -	\$ -	\$ -	\$ -	\$ -	-
Furnishings & Equipment	-	-	-	-	-	-
Engineering	-	-	-	-	-	-
Construction	25,000	-	-	-	-	25,000
Total	\$ 25,000	\$ -	\$ -	\$ -	\$ -	25,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Development Agreement	\$ -	\$ -	\$ -	\$ -	\$ -	-
Forfeited Assets	-	-	-	-	-	-
Contributions*	75,000	75,000	75,000	75,000	75,000	375,000
Total	\$ 75,000	375,000				

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

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	PSC Garage and Office Facility Roof Replacement Project	Operating Cost:	
Project No:	CP65500010	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Chris Oberender	Source of Funds:	Developer Fees

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	1,250,000
Total	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	1,250,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Developer Fees	\$ 416,000	\$ -	\$ -	\$ -	\$ -	416,000
Waterworks	417,000	-	-	-	-	417,000
Sanitation	417,000	-	-	-	-	417,000
Total	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	1,250,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Repairs & Upgrades to the Library	Operating Cost:
Project No:	CP25000001	First Year: \$0
Lead Department:	Community	Subsequent Year: \$0
Project Manager:	Kelly Tinker/Anna Medina	Source of Funds: Library Fund

Project Description: This project will cover a variety of library repair and upgrade initiatives including relocation of the Friends of the Library bookstore and donation space, exterior lighting improvements, book stack end panels, ADA improvements, interior electrical and lighting improvements, window replacements, carpeting, landscaping of patio areas, and various building renovations and improvements. This project is ongoing based on need.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Repairs / Upgrades	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000
Total	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Library Fund	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000
Total	\$ 150,000	\$ 300,000	\$ 800,000	\$ 100,000	\$ 100,000	\$ 1,450,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title: Sr. Center Repairs & Upgrades
Project No: CP65500002
Lead Department: Community
Project Manager: Angel Sierra/Anna

Operating Cost:
First Year: \$0
Subsequent Year: \$0
Source of Funds: Developer Fees

Project Description: To design and construct patio courtyard, replace carpeting, paint and repair the interior walls of the building, replace furniture upholstery in rotunda, install safety railing to walkway near the Southeast exit, renovate the north bathrooms to improve plumbing and accommodate patron needs, replace facility furniture, purchase and installation of emergency back-up generator. This project is on-going into future years.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Repairs / Upgrades	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000
Total	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Bldg. Improv. Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Developer Fees	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000
Total	\$ 163,000	\$ 1,000,000	\$ 300,000	\$ 150,000	\$ 300,000	\$ 1,913,000

Funding Priority Level
Priority 2 - Essential

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

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

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

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

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

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

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

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

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

Project Title:	DMV Work Requests	Operating Cost:
Project No:	CP65500009	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Other Governments

Project Description: DMV work requests (as opposed to a building repair) are reimbursed by the DMV.

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

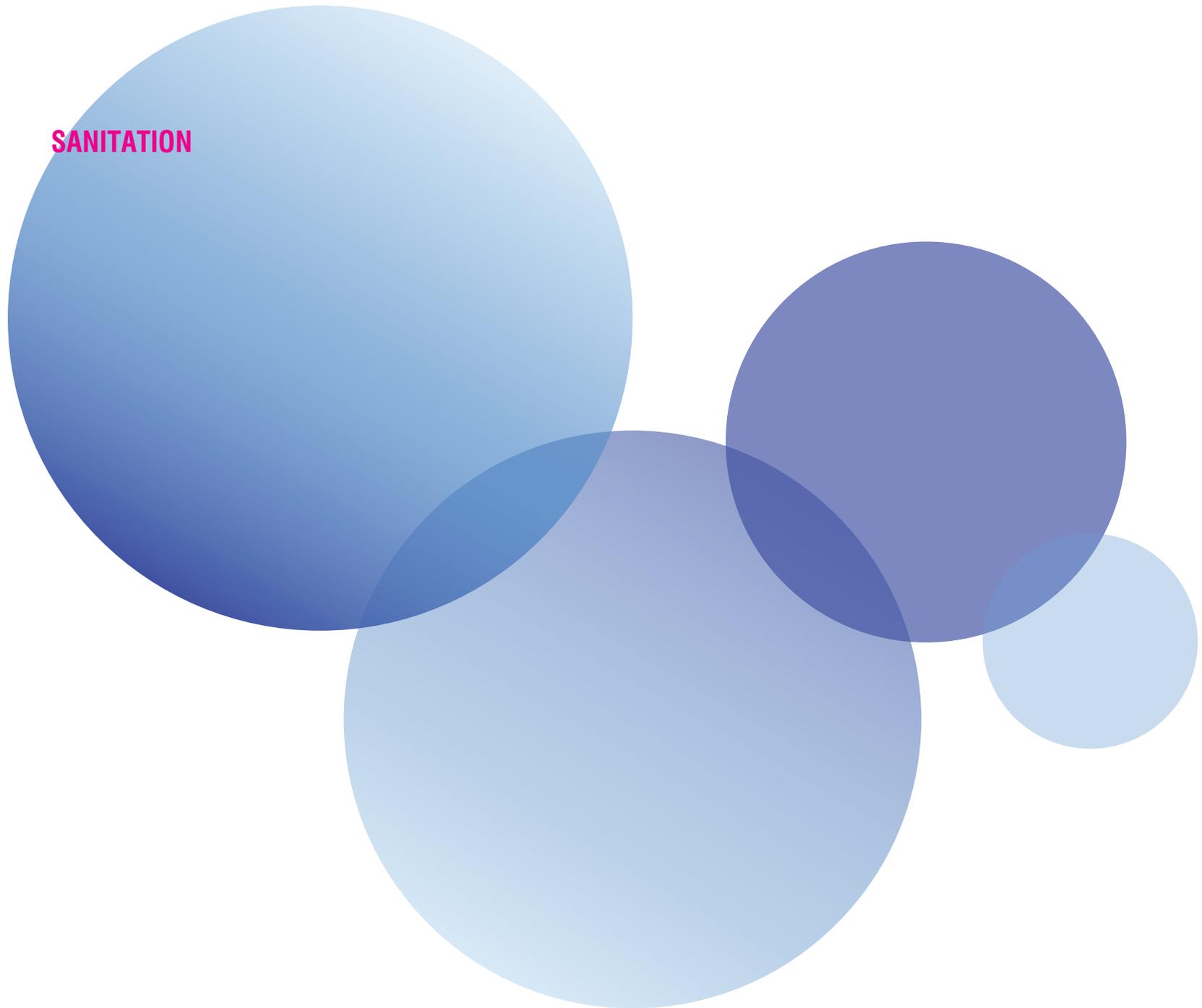
Project Description: HVAC replacement for the Police Department and Senior Center.

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

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

The following projects are completed, or no longer viable, and will be closed at the end of FY2019/20

Project Title:	City Hall Renovations	Operating Cost:
Project No:	CP65500003	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Developer Agreements, General Fund, Waterworks Fund, Sanitation Fund
Project Description: Renovations to City Hall are forecast, including the replacement of carpeting (more than 20 years old), painting maintenance, Police Department entrance improvements, and security enhancements.		
Project Title:	Police Dept. Doors	Operating Cost:
Project No:	CP65500008	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Dev. Agreement
Project Description: REPLACE/REPAIR FRONT DOORS OF THE POLICE DEPARTMENT		
Project Title:	Customer Serv. Improvements	Operating Cost:
Project No:	CP65500006	First Year: \$0
Lead Department:	City Manager	Subsequent Year: \$0
Project Manager:	Brian Gabler	Source of Funds: Dev. Agreement
Project Description: FUNDING FOR NEW LIGHTING AND OTHER IMPROVEMENTS IN THE CUSTOMER SERVICES AREA AT THE FRONT OF CITY HALL		



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FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project proposes to video-inspect and evaluate 1/5 of the City's 380 miles of sewer each fiscal year. The approved Sanitation Asset Reliability Assessment and Financial Plan recommends inspecting and reviewing sewerlines every five years in order to evaluate replacement priorities. Although City staff was originally intended to perform a majority of the inspections, it was found that additional resources are needed. City staff will continue to inspect approximately 15 miles per year and contractors will be utilized to inspect the rest.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ 645,000	\$ 665,000	\$ 680,000	\$ 700,000	\$ 725,000	\$ 3,415,000
Total	\$ 645,000	\$ 665,000	\$ 680,000	\$ 700,000	\$ 725,000	\$ 3,415,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ 645,000	\$ 665,000	\$ 680,000	\$ 700,000	\$ 725,000	\$ 3,415,000
Total	\$ 645,000	\$ 665,000	\$ 680,000	\$ 700,000	\$ 725,000	\$ 3,415,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Consultant Services	\$ -	\$ 100,000	\$ 150,000	\$ 50,000	\$ -	\$ 300,000
Total	\$ -	\$ 100,000	\$ 150,000	\$ 1,050,000	\$ -	\$ 1,300,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ 100,000	\$ 150,000	\$ 1,050,000	\$ -	\$ 1,300,000
Total	\$ -	\$ 100,000	\$ 150,000	\$ 1,050,000	\$ -	\$ 1,300,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	Chlorine Contact Basin Rehab	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to improve the condition of the chlorine contact basins by replacing corroded gates, baffles, and effluent weir beams. The broken concrete will be repaired and the tanks will be recoated with a protective liner. Also, motor control centers L and LA will be replaced. Chlorine contact Basin No. 1 has been in service since 1972 and Basin No. 2 has been in service since 1994 and is recommended by the Reliability Assessment Plan to be rehabilitated to ensure reliability. Design is expected to be completed in June 2025 and construction is planned to be completed by March 2026. Total project cost is expected to be \$2,400,000.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000	\$ 1,100,000
Professional Services	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	CMMS Improvement Program	Operating Cost:	
Project No:	CP70200033	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to update and improve the operation of the existing computerized maintenance management system (CMMS). A comprehensive assessment of the current CMMS use will be conducted to identify areas of improvement. A plan will then be developed to improve the asset inventory, preventive maintenance procedures and tasks, condition assessment of sewerlines and manholes, activity-based costing for all maintenance tasks, risk-based asset prioritization, and integration with GIS and SCADA systems.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ 255,000	\$ 265,000	\$ -	\$ -	\$ -	520,000
Total	\$ 255,000	\$ 265,000	\$ -	\$ -	\$ -	520,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 255,000	\$ 265,000	\$ -	\$ -	\$ -	520,000
Total	\$ 255,000	\$ 265,000	\$ -	\$ -	\$ -	520,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	East BNR Tank Repairs	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to make repairs to the East BNR Tanks area. The project will include resurfacing and sealing the leaking concrete roof above the Blower electrical room, repairing cracking walkways, and repairing corroding crane support beams. Design is proposed to be completed by October 2024 and construction is proposed to be completed by July 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
Consultant Services	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ 100,000	\$ 750,000	\$ 850,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 100,000	\$ 750,000	\$ 850,000
Total	\$ -	\$ -	\$ -	\$ 100,000	\$ 750,000	\$ 850,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project proposes to replace the electrical power conveyance system at the WQCP. A project that replaced unsafe electrical distribution equipment was completed in 2017. This project will replace the conduit, wires, and junction structures that connect the distribution centers to the actual field equipment such as pump motors, lighting, and operating equipment. These wires and conduits have been in service for more than 40 years and must be replaced to ensure system reliability. The design is expected to be completed in May 2023 and construction is expected to be completed in October 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000
Consultant Services	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
Total	\$ -	\$ -	\$ 200,000	\$ 2,000,000	\$ -	\$ 2,200,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 200,000	\$ 2,000,000	\$ -	\$ 2,200,000
Total	\$ -	\$ -	\$ 200,000	\$ 2,000,000	\$ -	\$ 2,200,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2019-2020 TO 2024-25

Project Title:	Energy Services Co. Projects (ESCO)	Operating Cost:	
Project No:	CP70200032	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Fund via Banc of America BAPCC

Project Description: Design and construction of energy-related projects at the Water Quality Control Plant including: 1. Ammonia Based Aeration Control; 2. Channel Mixing Optimization; 3. Aerated Grit Chamber Optimization; 4. Headworks Equipment Replacement; 5. East & West BNR Blower Upgrades; 6. BNR Mixer Replacement; 7. Dewatering Equipment Replacement; 8. Digester Mixers & Feed Sludge Pump Rehabilitation; 9. Secondary Clarifiers Rehabilitation; 10. Tertiary Filter Piping Replacement; 11. Digester Gas Conditioning for CNG Fueling

Project Approved by City Council on June 17, 2019

Contract with Schneider Electric Buildings Americas, Inc Approved by City Council on August 12, 2019, Resolution No. 2019-30

Funding Approved with Banc of America Public Capital Corp (BAPCC) by City Council on December 2, 2019, Resolution No. 2019-55

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Design and Construction	\$ 19,600,000	\$ 4,650,000	\$ -	\$ -	\$ -	\$ 24,250,000
Total	\$ 19,600,000	\$ 4,650,000	\$ -	\$ -	\$ -	\$ 24,250,000
SOURCES OF FUNDING:						
Sanitation Fund via BAPCC	\$ 19,600,000	\$ 4,650,000	\$ -	\$ -	\$ -	\$ 24,250,000
Total	\$ 19,600,000	\$ 4,650,000	\$ -	\$ -	\$ -	\$ 24,250,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	FEB Basin Repairs	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to repair the basin joints and replace the inlet water dump valve, which controls for the flow of water from the primary clarifier channel into the lagoon. The FEB has been in service since 1986 and the basin joints have some visible cracking and replacing the valve is recommended by the Reliability Assessment Plan to ensure reliability due to the valve being in service for more than 35 years. Design is expected to be completed in January 2025 and construction is planned to be completed by October 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	700,000	\$ 700,000
Professional Services	\$ -	\$ -	\$ -	\$ -	100,000	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ -	800,000	\$ 800,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ -	800,000	\$ 800,000
Total	\$ -	\$ -	\$ -	\$ -	800,000	\$ 800,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project proposes to renovate the tertiary filters that have been in service since 1978. All of the mechanical and instrumentation equipment including pumps, piping, air blowers, valves and actuators, backwash air blower systems, and PLCs, will be replaced along with updating the associated SCADA programming. MCCs H and J will also be replaced, based on age. The piping, inlet and outlet valves, backwash water pumps, and backwash air blowers are original equipment and the under drain pumps and waste backwash pumps were replaced in 2002. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life. Design is proposed to be completed in April 2024 and construction is proposed to be completed in August 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 3,100,000	\$ 3,100,000
Professional Services	\$ -	\$ -	\$ -	\$ 350,000	\$ 100,000	\$ 450,000
Total	\$ -	\$ -	\$ -	\$ 350,000	\$ 3,200,000	\$ 3,550,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 350,000	\$ 3,200,000	\$ 3,550,000
Total	\$ -	\$ -	\$ -	\$ 350,000	\$ 3,200,000	\$ 3,550,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project proposes to replace the WQCP’s four existing grit pumps, electrical controls, and piping. These are 30 years old and have served beyond its expected useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and improve electrical efficiency. The majority of the design will be completed by City staff, however, consulting services for the electrical design will be needed. The design is expected to be completed in March 2023 and construction completed in August 2024. \$325,000 was allocated in FY2019-20, however, postponed until ESCO completion.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Consultant Services	\$ -	\$ -	\$ 100,000	\$ 10,000	\$ -	\$ 110,000
Total	\$ -	\$ -	\$ 100,000	\$ 110,000	\$ -	\$ 210,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 100,000	\$ 110,000	\$ -	\$ 210,000
Total	\$ -	\$ -	\$ 100,000	\$ 110,000	\$ -	\$ 210,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	Inventory Management Program	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to improve the inventory management system. The project will require selecting a consultant to conduct an assessment of current inventory management practices and data. Based on the assessment findings, the consult will work with staff to implement improvements to centralized warehousing, materials management, inventory control, purchasing process, and related CMMS inventory management.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ 325,000
Total	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ 325,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ 325,000
Total	\$ -	\$ -	\$ -	\$ 325,000	\$ -	\$ 325,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	Manhole Rehabilitation	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jamshed Yazdani	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to repair and rehabilitate existing corroded manhole structures each fiscal year. The approved Sanitation Asset Reliability Assessment and Financial Plan recommended inspecting and reviewing manholes to evaluate replacement priorities. This project will be implemented for five years, with a total budget of \$875,000. The intent of this project is to repair the high priority manholes and develop an understanding of construction methods and materials that are available in the industry.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	MCC Replacement - Disinfection & Filters	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the motor control centers for the Tertiary Filters and the Disinfection Process. This equipment was installed over 30 years ago and requires replacement to increase reliability and upgrade to current safety and energy efficiency standards. In addition, the SCADA system will need to be modified to incorporate the changes to the motor control center's, which will also improve the ability for the operators to monitor and analyze the treatment process. Design is proposed for completion by June 2024 and implementation is proposed to be completed by April 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000
Professional Services	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 900,000	\$ 1,050,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 150,000	\$ 900,000	\$ 1,050,000
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ 900,000	\$ 1,050,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	Performance Management Program	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to develop a Sanitation-wide performance measurement program based on the AWWA/WEF/WRF Effective Utility Management (EUM) industry standards, including KPIs, processes, and systems for data collection and reporting. This project will continue the implementation of the findings from the Efficiency Study performed in 2013, and will begin with a re-evaluation of the new current operation of the Sanitation Division. An update to the previous Efficiency Study will be prepared and then the selected consultant will work with staff to provide education and training to improve performance and efficiency.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ -	\$ 265,000	\$ -	\$ -	\$ -	\$ 265,000
Total	\$ -	\$ 265,000	\$ -	\$ -	\$ -	\$ 265,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ 265,000	\$ -	\$ -	\$ -	\$ 265,000
Total	\$ -	\$ 265,000	\$ -	\$ -	\$ -	\$ 265,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project proposes to rebuild/replace the mechanical and electrical equipment for the three existing WQCP primary clarifiers, which were installed in 1986 (32 years old). Repairs to the concrete structure will also be performed. Rehabilitation is recommended to ensure system reliability. The sludge collector mechanisms, chains, and wear shoes were last replaced in 2008 and will again require replacement after being in service for 15 years. Over the years, there have been structural failures and leaks that have been repaired and as part of this project, it is recommended that a structural evaluation be conducted to identify and mitigate problems before it leads to catastrophic failure. The design is anticipated to be completed in June 2024, and construction is anticipated to be completed in August 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000
Professional Services	\$ -	\$ -	\$ 50,000	\$ 200,000	\$ 50,000	\$ 300,000
Total	\$ -	\$ -	\$ 50,000	\$ 200,000	\$ 3,050,000	\$ 3,300,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 50,000	\$ 200,000	\$ 3,050,000	\$ 3,300,000
Total	\$ -	\$ -	\$ 50,000	\$ 200,000	\$ 3,050,000	\$ 3,300,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	Project Management System	Operating Cost:
Project No:	TBD	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to improve the existing project management system that is used by Engineering to accomplish the goals of the Capital Improvement Program (CIP). The project will develop a standardized project management system for the Sanitation Division, including evaluating software alternatives, procuring system and configuration services, and education and training to implement the new system.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 400,000
Total	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 400,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 400,000
Total	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 400,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

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

Project Description: This project proposes to improve safety at the WQCP. The project proposes to install additional tie-off locations around the process basins, clarifiers, and open tanks for retrieval, in case a person falls into water. In addition, handrails on the Digester stairs and around the filter cells will be replaced and kickplates will be installed around the filter cells and around the southern chlorine contact basin. Design is proposed to be completed in November 2022 and construction is proposed to be completed in July 2023.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ 225,000	\$ -	\$ -	\$ 225,000
Consultant Services	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ 10,000
Total	\$ -	\$ -	\$ 235,000	\$ -	\$ -	\$ 235,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 235,000	\$ -	\$ -	\$ 235,000
Total	\$ -	\$ -	\$ 235,000	\$ -	\$ -	\$ 235,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SCADA Alarm Management Program	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to annually update and improve the operation of the alarming system to increase operator efficiency and avoid nuisance alarms. The intent is to analyze alarms annually, classify the alarms, and prioritize improvement areas. The resolution to the alarming issues may include changes to the PLC's to prevent false alarms, more frequent instrumentation maintenance, or equipment replacement.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ -	\$ 55,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 225,000
Total	\$ -	\$ 55,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 225,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ 55,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 225,000
Total	\$ -	\$ 55,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 225,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SCADA PlantPAX Migration	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to migrate the existing SCADA System hardware and software to the Rockwell Automation PlantPAX platform. This will include upgrading all existing PLC hardware that were not included in the ESCO projects, and reprogramming the PLCs and the HMI software to comply with the PlantPAX standards. This effort also includes High Performance HMI Graphic display design and configuration, SCADA reporting and CMMS integration, and updating the alarm philosophy for the Primary Clarifier System, Grit Pumping, Tertiary Filter System, Disinfection System, and Dechlorination System.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ -	\$ 1,100,000	\$ 1,150,000	\$ -	\$ -	\$ 2,250,000
Total	\$ -	\$ 1,100,000	\$ 1,150,000	\$ -	\$ -	\$ 2,250,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ 1,100,000	\$ 1,150,000	\$ -	\$ -	\$ 2,250,000
Total	\$ -	\$ 1,100,000	\$ 1,150,000	\$ -	\$ -	\$ 2,250,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	Secondary Effluent Diversion Structure Repair	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to repair the existing secondary effluent diversion structure, which diverts secondary effluent to Lagoon 1, in case there is an emergency at the applied pumps or filters. Repair is recommended by the Reliability Assessment Plan to ensure system reliability because the structure and equipment has been in service since 1977 and the concrete has visible cracks and the diversion gates require replacement. Design is proposed to be completed by December 2024 and construction is proposed to be completed by August 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	200,000	\$ 200,000
Professional Services	\$ -	\$ -	\$ -	\$ -	20,000	\$ 20,000
Total	\$ -	\$ -	\$ -	\$ -	220,000	\$ 220,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ -	220,000	\$ 220,000
Total	\$ -	\$ -	\$ -	\$ -	220,000	\$ 220,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title: SLR-Arelia-Arroyo Simi
Project No: TBD
Lead Department: Public Works
Project Manager: Michael Kang

Operating Cost:
First Year:
Subsequent Year:
Source of Funds: Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 4,163 feet and nine point repairs of 8 to 10-inch primarily asbestos cement sewer pipes located in the eastern portion of the City near Aurelia Street and Arroyo Simi. Design is planned to be completed in December 2023 and construction is scheduled to be completed in July 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 1,450,000	\$ -	\$ 1,450,000
Professional Services	-	-	-	100,000	-	100,000
Total	\$ -	\$ -	\$ -	\$ 1,550,000	\$ -	\$ 1,550,000

SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 1,550,000	\$ -	\$ 1,550,000
Total	\$ -	\$ -	\$ -	\$ 1,550,000	\$ -	\$ 1,550,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-Civic Center-Alamo	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 2,971 feet and one point repair of 8 to 18-inch, primarily asbestos cement sewer pipes in the northcentral portion of the City, around Civic Center and Alamo Street. The primary rehabilitation mode will be cured-in-place slipliner. Design is proposed to be completed in March 2024 and construction is proposed to be completed in June 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 575,000	\$ -	\$ 575,000
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Services	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Total	\$ -	\$ -	\$ -	\$ 625,000	\$ -	\$ 625,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 625,000	\$ -	\$ 625,000
Total	\$ -	\$ -	\$ -	\$ 625,000	\$ -	\$ 625,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-East Los Angeles Ave	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 9,665 feet and seven point repairs of 10 to 36-inch, primarily asbestos cement sewer trunk lines, along E. Los Angeles Avenue. The primary rehabilitation mode will be cured-in-place slipliner and digging may be required for point repairs. The total cost of the project is expected to be \$6,300,000 and will be constructed in three phases, for three consecutive years ending in FY 2025-26, with each phase being designed by September and construction to be completed in August.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 2,250,000	\$ 2,300,000	\$ 4,550,000
Professional Services	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 200,000
Total	\$ -	\$ -	\$ -	\$ 2,350,000	\$ 2,400,000	\$ 4,750,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 2,350,000	\$ 2,400,000	\$ 4,750,000
Total	\$ -	\$ -	\$ -	\$ 2,350,000	\$ 2,400,000	\$ 4,750,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-Easy-Arroyo Simi	Operating Cost:	
Project No:	CP70200019	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 4,797 feet and four point repairs of 8 to 39-inch primarily PVC and asbestos cement sewer pipe located in the northwest portion of the City's service area around Easy Street and Arroyo Simi. The primary rehabilitation mode will be cured-in-place slipliner and digging may be required for the point repairs. This project will be conducted in three phases, for three consecutive years, with each phase being designed by September and construction to be completed in July.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 1,900,000	\$ 2,000,000	\$ 2,100,000	\$ -	\$ -	\$ 6,000,000
Consultant Services	\$ 100,000	\$ 105,000	\$ 110,000	\$ -	\$ -	\$ 315,000
Total	\$ 2,000,000	\$ 2,105,000	\$ 2,210,000	\$ -	\$ -	\$ 6,315,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 2,000,000	\$ 2,105,000	\$ 2,210,000	\$ -	\$ -	\$ 6,315,000
Total	\$ 2,000,000	\$ 2,105,000	\$ 2,210,000	\$ -	\$ -	\$ 6,315,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-First-Erringer-Sycamore	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 6,713 feet and four point repairs of 8 to 33-inch, primarily asbestos cement sewer pipe near Erringer Road and Sycamore Drive. The primary rehabilitation mode will be cured-in-place slipliner. Design is proposed to be completed in October 2024 and construction is proposed to be completed in June 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	1,300,000	\$ 1,300,000
Consultant Services	\$ -	\$ -	\$ -	\$ -	100,000	\$ 100,000
Professional Services	\$ -	\$ -	\$ -	\$ -	-	\$ -
Total	\$ -	\$ -	\$ -	\$ -	1,400,000	\$ 1,400,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ -	1,400,000	\$ 1,400,000
Total	\$ -	\$ -	\$ -	\$ -	1,400,000	\$ 1,400,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-Royal-Arroyo Simi	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 2,002 feet and eight point repairs of 12 to 20-inch primarily asbestos cement sewer pipes located in southcentral portion of the City around Royal Avenue and Arroyo Simi. The primary rehabilitation mode will be cured-in-place slip liner. Design is proposed to be completed in November 2023 and construction is proposed to be completed in June 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Consultant Services	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Total	\$ -	\$ -	\$ -	\$ 1,050,000	\$ -	\$ 1,050,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ -	\$ 1,050,000	\$ -	\$ 1,050,000
Total	\$ -	\$ -	\$ -	\$ 1,050,000	\$ -	\$ 1,050,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-Sinaloa-Royal-LongCyn	Operating Cost:	
Project No:	CP70200035	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 4,365 feet and 11 point repairs of 12 to 27-inch primarily asbestos cement sewer pipes located in the southwestern portion of the City, around Sinaloa Road, Royal Avenue, and Long Canyon Road. The primary rehabilitation mode will be cured-in-place slipliner and digging may be required for the point repairs. Design is proposed to be completed by March 2021 and construction is proposed to be completed by November 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 1,900,000
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Total	\$ 100,000	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 2,000,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 100,000	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 2,000,000
Total	\$ 100,000	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 2,000,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-Sycamore-TapoCyn	Operating Cost:	
Project No:	CP70200034	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 6,432 feet and seven point repairs of 8 to 21-inch, primarily asbestos cement pipes located in eastern portion of the City, between Sycamore Drive and Tapo Canyon Road. The primary rehabilitation mode will be cured-in-place slipliner. Design is proposed for completion by January 2021 and construction is proposed to be completed by July 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	1,450,000
Consultant Services	\$ 80,000	\$ -	\$ -	\$ -	\$ -	80,000
Total	\$ 1,530,000	\$ -	\$ -	\$ -	\$ -	1,530,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ 1,530,000	\$ -	\$ -	\$ -	\$ -	1,530,000
Total	\$ 1,530,000	\$ -	\$ -	\$ -	\$ -	1,530,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	SLR-Sinaloa Lake-West	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to rehabilitate 10,596 feet of 6 to10-inch vitrified clay sewer pipes located in the western portion of the Sinaloa Lake area. The primary rehabilitation mode will be cured-in-place slipliner. Design is proposed to be completed in June 2022 and construction is proposed to be completed in March 2023.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ 1,150,000	\$ -	\$ -	\$ 1,150,000
Consultant Services	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000
Total	\$ -	\$ -	\$ 1,250,000	\$ -	\$ -	\$ 1,250,000
SOURCES OF FUNDING:						
Sanitation Replacement Reserve	\$ -	\$ -	\$ 1,250,000	\$ -	\$ -	\$ 1,250,000
Total	\$ -	\$ -	\$ 1,250,000	\$ -	\$ -	\$ 1,250,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-2021 TO 2024-25

Project Title:	WAS Pump Station Overhaul	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Sanitation Replacement Reserve

Project Description: This project proposes to replace the aging waste activated sludge (WAS) pumping equipment, which deliver sludge from the secondary clarifiers to the DAFT. The project scope of work includes replacing two pumps, piping, valves, and pump control panel. The piping and valving are original from 1977 and the pumps were installed in 2005. Replacement is recommended by the Asset Management Plan to ensure system reliability because piping is corroding and the pumps have exceeded its useful life.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Consultant Services	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000
Total	\$ -	\$ -	\$ 75,000	\$ 200,000	\$ -	\$ 275,000
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Sanitation Replacement Reserve	\$ -	\$ -	\$ 75,000	\$ 200,000	\$ -	\$ 275,000
Total	\$ -	\$ -	\$ 75,000	\$ 200,000	\$ -	\$ 275,000

Funding Priority Level
Priority 3 - Important

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The following projects have been replaced with the ESCO Project #CP70200032 and will be closed at the end of FY2019-20



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

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



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

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



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

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

Project Title:	Grit Removal System Rehabilitatio	Operating Cost:
Project No:	CP70100003	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Jay Lukiewski	Source of Funds: Sanitation Replacement Res.

Project Description: This project proposes to replace and update the WQCP's Grit Removal System and associated equipment. This equipment is nearly 20 years old and requires frequent maintenance. The Asset Management Plan recommends repairing the structure and replacing this equipment and evaluating modern technology to improve the process. In addition the Reel Auggie that is used to store the grit prior to disposal does not meet diesel regulations for smog and requires replacement at an estimated cost of \$200,000. The improved grit system will increase the solids removal and reduce odors significantly, and will eliminate the need for the Reel Auggie. The design is partially completed and construction is planned to be completed by January 2021. As part of the preparation of the Investment Grade Audit for the ESCO project, construction bids were solicited and the construction cost is expected to be \$870,796.

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

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

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

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

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

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

The following projects are completed, or no longer viable, and will be closed at the end of FY2019-20

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

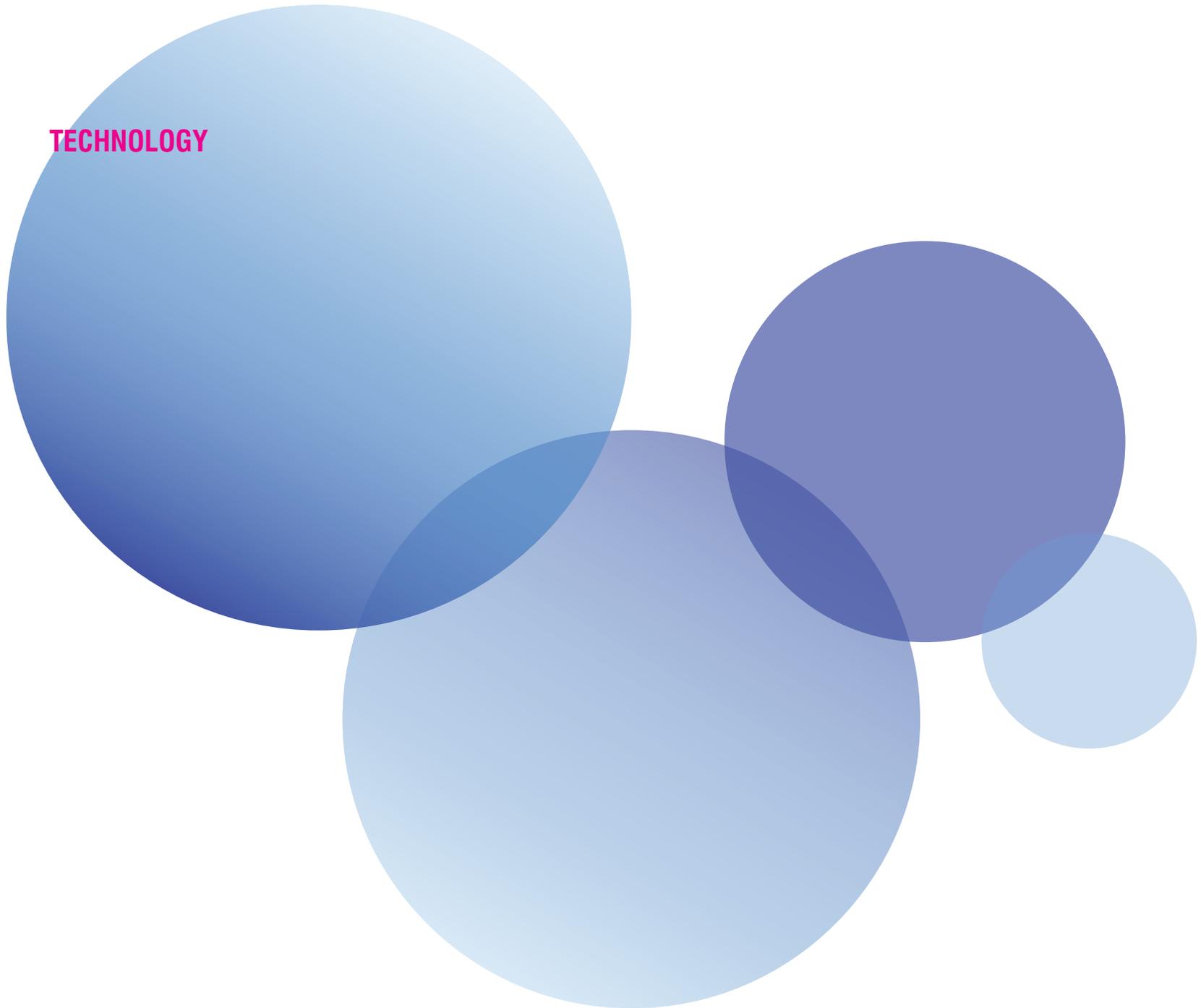
Project Description: This project proposes to rehabilitate 3,000 feet of 10 to 20-inch asbestos cement sewer trunk line in Rosalie Street, Tracy Avenue and in easements south of Los Angeles Avenue, between Sequoia Avenue and Tapo Street. The primary rehabilitation mode will be cured-in-place slip liner.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

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

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

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

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



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



Project Title:	Financial Information System Replacement	Operating Cost:
Project No:	CPB0018	First Year: \$310,000
Lead Department:	Administrative Services	Subsequent Year: \$310,000
Project Manager:	Gary Boswell	Source of Funds: Interest, CERF, Devt

Project Description: In December 2015 the City entered into an agreement with Tyler Technologies for a new Enterprise Resource Planning system for governmental accounting, budgeting, human resource applications, permitting, planning and financial management. Implementation has commenced, however this is a large project with multiple phases with an anticipated completion date in FY2020/21.



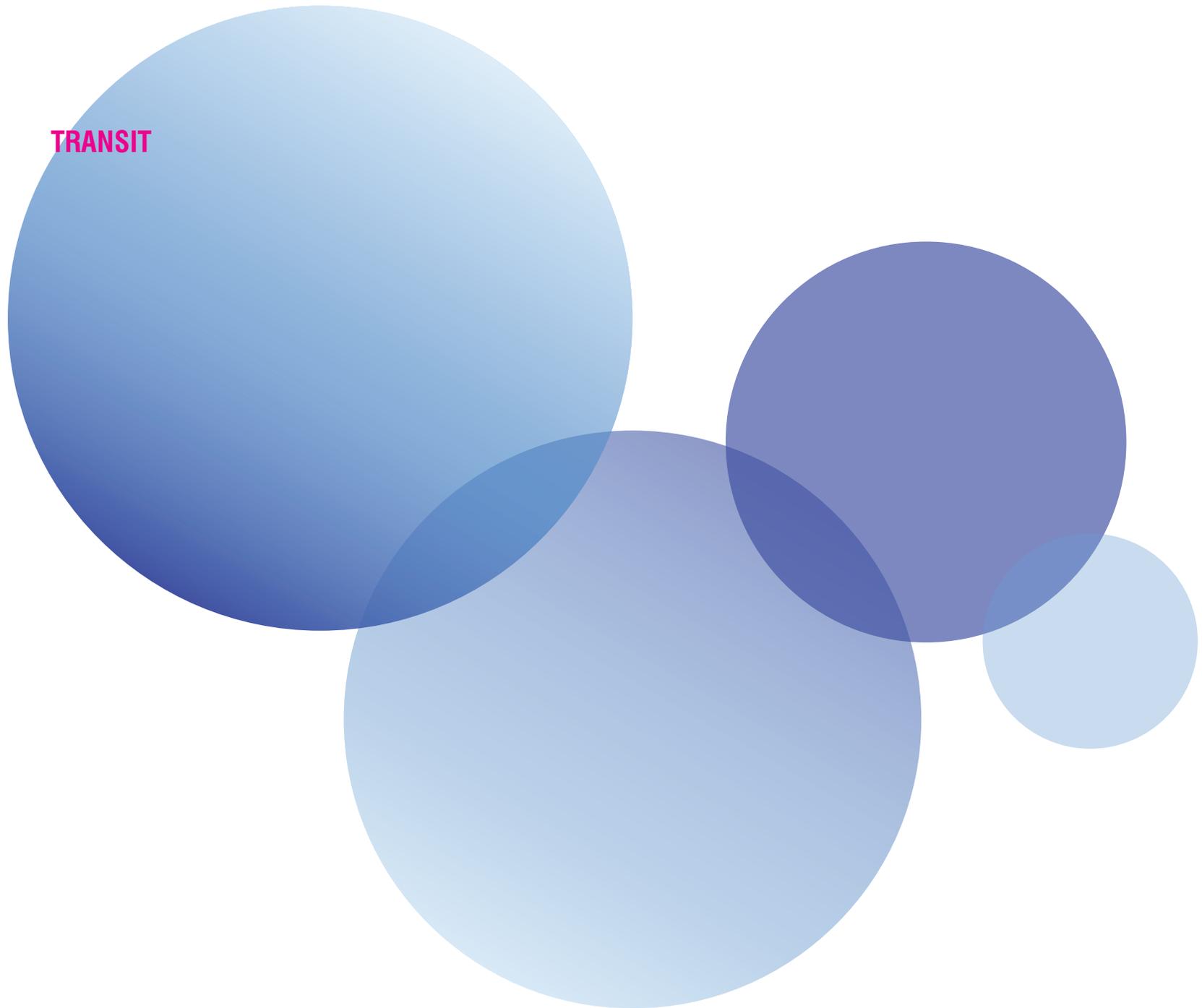
Project Title:	City Telephone System Replacement	Operating Cost:
Project No:	CPB0022	First Year:
Lead Department:	Administrative Services	Subsequent Year: \$200,000 beginning in year 6
Project Manager:	Jerry Johnson / Brian Gabler	Source of Funds: Capital Lease, Devt. Agreements, Sanitation, Waterworks

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



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FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 41,600	\$ -	\$ -	\$ -	\$ -	41,600
Total	\$ 41,600	\$ -	\$ -	\$ -	\$ -	41,600
SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
State Transit Assistance	\$ 36,000	\$ -	\$ -	\$ -	\$ -	36,000
State of Good Repair	\$ 5,600	\$ -	\$ -	\$ -	\$ -	5,600
Total	\$ 41,600	\$ -	\$ -	\$ -	\$ -	41,600

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Bus Technology Equipment	Operating Cost:
Project No:	CP75000009	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: FTA 5339

Project Description: SVT receives FTA 5339 grant funds through a statutory formula for the purchase equipment for SVT buses and paratransit vans. This project will install fleet and compliance management solutions that will increase operational efficiencies and improve safety and security.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Equipment	\$ 350,888	\$ -	\$ -	\$ -	\$ -	350,888
Total	\$ 350,888	\$ -	\$ -	\$ -	\$ -	350,888

SOURCES OF FUNDING:						
FTA 5339	\$ 292,407	\$ -	\$ -	\$ -	\$ -	292,407
TDA Article 4	\$ 58,481	\$ -	\$ -	\$ -	\$ -	58,481
Total	\$ 350,888	\$ -	\$ -	\$ -	\$ -	350,888

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	CNG Fueling Station Upgrade	Operating Cost:	
Project No:	CP960281	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	State Prop 1B/PTMISEA

Project Description: SVT's CNG fueling station was built in 1998, to coincide with SVT's federally mandated alternative fuel path. When the upgrade project began, the fueling station was 12 years old and in need of technology upgrades in the areas of system operations, fuel storage, safety and security. The upgrade of the CNG fueling station includes: new primary and back-up PLC units to improve the efficiency of each unit; a SCADA system, which enables maintenance staff to remotely monitor the system via call-out modem; and a priority sequential panel that will regulate the flow of gas into either high pressure storage vessels or directly into each vehicle, with the capability to adjust during temperature fluctuations. Also included are 26 CNG gas dispensers, safety-related signage, fencing, painting, and two designated fast-fill fueling stalls equipped with a fuel monitoring system and six high-pressure fuel storage vessels.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	1,400,000
Total	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	1,400,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
5307 CMAQ	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	1,400,000
Total	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	1,400,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Paratransit Dispatch System	Operating Cost:
Project No:	CP960380	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: FTA 5307, TDA Article 4

Project Description: The paratransit system relies upon the use of a dispatching system that integrates with in-vehicle mobile data terminals and 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:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Application Software	\$ 55,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 295,000
Total	\$ 55,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 295,000

SOURCES OF FUNDING:						
FTA 5307	\$ 44,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 236,000
TDA Article 4	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 59,000
Total	\$ 55,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 295,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction and Capital Equipment	\$ 1,788,004	\$ -	\$ -	\$ -	\$ -	1,788,004
Total	\$ 1,788,004	\$ -	\$ -	\$ -	\$ -	1,788,004
SOURCES OF FUNDING:						
TDA Article 4	\$ 1,788,004	\$ -	\$ -	\$ -	\$ -	1,788,004
Total	\$ 1,788,004	\$ -	\$ -	\$ -	\$ -	1,788,004

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction and Capital Equipment	\$ 574,481	\$ -	\$ -	\$ -	\$ -	574,481
Total	\$ 574,481	\$ -	\$ -	\$ -	\$ -	574,481
SOURCES OF FUNDING:						
FTA 5307	\$ 478,481	\$ -	\$ -	\$ -	\$ -	478,481
TDA Article 4	\$ 96,000	\$ -	\$ -	\$ -	\$ -	96,000
Total	\$ 574,481	\$ -	\$ -	\$ -	\$ -	574,481

Funding Priority Level
Priority 2 - Essential

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

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

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

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

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

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

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

Project Title:	Transit Management System	Operating Cost:
Project No:	CP960471	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: TDA / FTA 5307 / CMAQ

Project Description: The Transit Division has been awarded Federal CMAQ FY2016/17 funds for a fully integrated TMS, which will provide additional tools to allow SVT to manage, analyze, and improve its system’s performance. The TMS will enhance the ability to identify solutions to extend the life of revenue vehicles, increase cost savings, reduce its carbon footprint, increase access to public transportation, and grow ridership resulting in decreased vehicle trips within the community. The TMS modules include community outreach, vehicle maintenance, system analytics, paratransit/DAR dispatching, ridership statistics, real-time vehicle location and arrival/departure information, voice announcement, scheduling, and route configuration. The TMS will increase coordination between different modes of transportation services including fixed-route, demand response, rail, and bicycle, and strengthen SVT’s management efficiencies. The improved access to information will strengthen vehicle safety and allow the system to effectively serve the community, while reducing stress among transit riders and drivers.

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

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

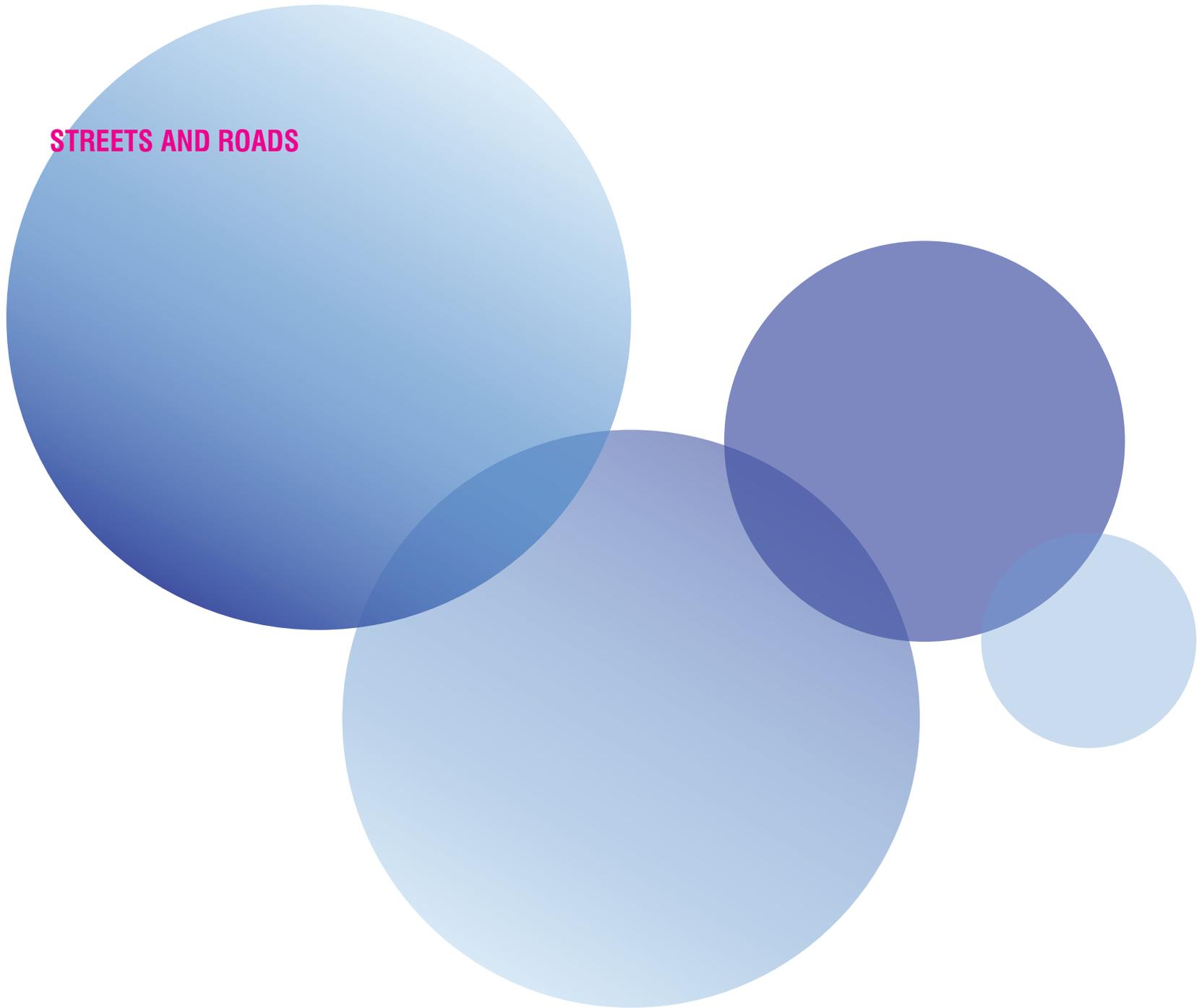
Project Title:	Transp. Devel. Act Projects	Operating Cost:
Project No:	CP75000007	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Ben Gonzales	Source of Funds: TDA - LTF

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

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

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

STREETS AND ROADS



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FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Major Streets Rehabilitation Program	Operating Cost:	
Project No:	CP60000018	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Fuad Shamout	Source of Funds:	General Fund, Sanitation Fund, Waterworks Fund

Project Description: The proposed FY 2019-20 project may include First Street, Erringer Road, and Alamo Street (various segments). Projects are approved for funding July 1st of each fiscal year and scheduled for completion during summer of the following year. Future projects planned include resurfacing on Madera Road, Los Angeles Avenue (various locations), and Stearns Street.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ -	\$ 1,150,000	\$ 1,150,000	\$ 1,150,000	\$ 1,150,000	\$ 4,600,000
PROFESSIONAL SERVICES	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Total	\$ -	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 4,800,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
GENERAL FUND	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,000,000
SANITATION FUND	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
WATERWORKS FUND	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Total	\$ -	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 4,800,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title: Minor Street Overlay Program
Project No: CP60000019
Lead Department: Public Works
Project Manager: Sarah Sheshebor

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

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2020-21, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's Pavement Management Program.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ 481,978	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 7,681,978
PROFESSIONAL SERVICES	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 230,000
Total	\$ 511,978	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 7,911,978

SOURCES OF FUNDING:						
CDBG FUNDING	\$ 391,978	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 1,991,978
GENERAL FUND	\$ -	\$ 1,330,000	\$ 1,330,000	\$ 1,330,000	\$ 1,330,000	\$ 5,320,000
DEVELOPER FEES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SANITATION FUND	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
WATERWORKS FUND	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 511,978	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 1,850,000	\$ 7,911,978

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Minor Street Overlay Program - SB1	Operating Cost:
Project No:	CP60000023	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: SB1 Grant Funding

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2020-21, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's PMP. This project is funded from State Transportation funds from the Road Repair and Accountability Act of 2017, SB1.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ 1,920,329	\$ -	\$ -	\$ -	\$ -	1,920,329
PROFESSIONAL SERVICES	\$ 130,000	\$ -	\$ -	\$ -	\$ -	130,000
Total	\$ 2,050,329	\$ -	\$ -	\$ -	\$ -	2,050,329
SOURCES OF FUNDING:						
SB1 GRANT FUNDING	\$ 2,050,329	\$ -	\$ -	\$ -	\$ -	2,050,329
Total	\$ 2,050,329	\$ -	\$ -	\$ -	\$ -	2,050,329

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Barnard Street Bridge Rehabilitation Project	Operating Cost:	
Project No:	CP60000008	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Sarah Sheshebor	Source of Funds:	General Fund, Federal Grant

Project Description: This project includes widening/rehabilitation of the existing bridge on Barnard Street, 0.5 miles west of Stearns Street. Design is scheduled to begin in the Spring 2020. Construction is scheduled to begin in the Fall of 2020, and to be completed by Summer 2021. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	1,200,000
CONSULTANT SERVICES	\$ 150,000	\$ -	\$ -	\$ -	\$ -	150,000
Total	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	1,350,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
FEDERAL GRANT	\$ 1,195,000	\$ -	\$ -	\$ -	\$ -	1,195,000
DEVELOPER FEES	\$ 155,000	\$ -	\$ -	\$ -	\$ -	155,000
Total	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	1,350,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: The funding for this project was reduced in FY 2019-20. Postponing the rehabilitation and maintenance of the dewatering wells could lead to more costly and extensive repairs of the pumps, motors, and the ability to maintain the groundwater levels. Inspect, evaluate, and rehabilitate five dewatering wells and pump equipment. These wells are operated to control the rising groundwater table and artesian conditions that adversely affect certain localized neighborhoods in western areas of Simi Valley. The five wells vary in age from 23 to 26 years and require periodic maintenance due to the saline nature of the groundwater. This causes the well screens and pump bowls to need cleaning, repair, or replacement over time to maintain their operational efficiency and reliability. The loss of well pumping would result in nuisance groundwater occurring in the local neighborhood streets and properties. One well per year is proposed for rehabilitation over the next five years.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
MAINTENANCE	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
PROFESSIONAL SERVICES	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 80,000
Total	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
GENERAL FUND	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000
Total	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
LANDSCAPE ARCHITECT MAINTENANCE	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	400,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	400,000
SOURCES OF FUNDING:						
CONTRIBUTIONS WASTE MANAGEMENT	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	400,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	400,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Los Angeles Avenue West of First Street Reconstruction Project	Operating Cost:	
Project No:	CP60000010	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Sarah Sheshebor	Source of Funds:	Federal Grant, General Fund

Project Description: This project includes replacing existing bridge and reconstruction of the approaches on Los Angeles Avenue, 0.1 miles west of First Street. A feasibility study is approved by Caltrans for the deficiency of the bridge prior to determining the design scheduled to begin in September 2020. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ -	\$ -	\$ 9,510,000	\$ -	\$ -	\$ 9,510,000
PROFESSIONAL SERVICES (ENGINEERING)	\$ 150,000	\$ 1,550,000	\$ -	\$ -	\$ -	\$ 1,700,000
Total	\$ 150,000	\$ 1,550,000	\$ 9,510,000	\$ -	\$ -	\$ 11,210,000
SOURCES OF FUNDING:						
FEDERAL GRANT	\$ 132,795	\$ 1,372,215	\$ 8,419,200	\$ -	\$ -	\$ 9,924,210
GENERAL FUND	\$ -	\$ 177,785	\$ 1,090,800	\$ -	\$ -	\$ 1,268,585
DEVELOPER FEES	\$ 17,205	\$ -	\$ -	\$ -	\$ -	\$ 17,205
Total	\$ 150,000	\$ 1,550,000	\$ 9,510,000	\$ -	\$ -	\$ 11,210,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Local Road Safety Plan	Operating Cost:	
Project No:	CP60000029	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Justin Link	Source of Funds:	General Fund

Project Description: This project will provide for development of a LRSP, which will analyze existing roadway safety hot spots, provide for public outreach, and make recommendations for correction or mitigation. The upcoming Highway Safety Improvement Program (HSIP) grant cycle will require that all jurisdictions applying for grant funding have a Local Road Safety Plan (LRSP) in place to qualify for funding.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
PROFESSIONAL SERVICES	\$ 80,000	\$ -	\$ -	\$ -	\$ -	80,000
Total	\$ 80,000	\$ -	\$ -	\$ -	\$ -	80,000
SOURCES OF FUNDING:						
FEDERAL FUNDING	\$ 72,000	\$ -	\$ -	\$ -	\$ -	72,000
GENERAL FUND	\$ 8,000	\$ -	\$ -	\$ -	\$ -	8,000
Total	\$ 80,000	\$ -	\$ -	\$ -	\$ -	80,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Madera Road Bridge Rehab South of HWY 118 Project	Operating Cost:	
Project No:	CP60000011	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Mansour Moradi	Source of Funds:	Federal Grant, Traffic Impact Fees

Project Description: This project includes repairing and overlaying the deck with PCC on Madera Road, 0.3 miles south of State Route 118. Design is expected to be completed in the Spring of 2020. Construction is scheduled to begin in Fall of 2020 and to be completed by Spring 2021. Funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ 664,000	\$ -	\$ -	\$ -	\$ -	664,000
PROFESSIONAL SERVICES	\$ 36,000	\$ -	\$ -	\$ -	\$ -	36,000
Total	\$ 700,000	\$ -	\$ -	\$ -	\$ -	700,000
SOURCES OF FUNDING:						
FEDERAL GRANT	\$ 619,710	\$ -	\$ -	\$ -	\$ -	619,710
TRAFFIC IMPACT FEES	\$ 80,290	\$ -	\$ -	\$ -	\$ -	80,290
Total	\$ 700,000	\$ -	\$ -	\$ -	\$ -	700,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Madera Road Slope Repair	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Sarah Sheshebor	Source of Funds:	General Fund

Project Description: This project includes repair of the slope at the Old Sheriff Station due to the ongoing erosion along the north side of Madera Road at Country Club West Drive. The steep slope erosion needs to be stabilized to reduce maintenance.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ -	\$ 65,000	\$ -	\$ -	\$ -	65,000
CONSULTANT	\$ -	\$ 10,000	\$ -	\$ -	\$ -	10,000
Total	\$ -	\$ 75,000	\$ -	\$ -	\$ -	75,000
SOURCES OF FUNDING:						
FEDERAL FUNDING	\$ -	\$ -	\$ -	\$ -	\$ -	-
GENERAL FUND	\$ -	\$ 75,000	\$ -	\$ -	\$ -	75,000
Total	\$ -	\$ 75,000	\$ -	\$ -	\$ -	75,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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 fiber optic cable between the intersections, 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, Cochran Street, Madera Road, and Los Angeles Avenue. This project will also result in a continuous fiber optic line from City Hall to the PSC, resulting in savings as the City will no longer need to pay lease payments for this service.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	750,000
Total	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	750,000
SOURCES OF FUNDING:						
TRAFFIC IMPACT FUND	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	750,000
Total	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	750,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Traffic Signal Upgrades	Operating Cost:
Project No:	CP60000017	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Justin Link	Source of Funds: General Fund

Project Description: This annual program provides for modernization and replacement of signal equipment, including existing traffic signal controllers and cabinets, upgrading conduit and/or wiring, installation of video detection equipment, and other signal equipment or phasing upgrades at locations recommended by staff. The project helps to maintain a more robust traffic control system that is more resilient and resistant to failure due to aging infrastructure. The City currently operates 121 traffic signals.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$ 850,000
Total	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$ 850,000
SOURCES OF FUNDING:						
GENERAL FUND	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$ 850,000
Total	\$ -	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$ 850,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Walnut Street Widening	Operating Cost:	
Project No:	CP60000028	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Sarah Sheshebor	Source of Funds:	General Fund

Project Description: This project includes the design and construction for widening of the street and drainage improvements along the north side of Walnut Street between Sugar Grove Court and Racheal Street. The east side and west side of this section is fully improved. This project will improve the drainage and the unimproved section of the roadway on Walnut Street.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ -	\$ 295,000	\$ -	\$ -	\$ -	295,000
CONSULTANT	\$ -	\$ 25,000	\$ -	\$ -	\$ -	25,000
Total	\$ -	\$ 320,000	\$ -	\$ -	\$ -	320,000
SOURCES OF FUNDING:						
FEDERAL FUNDING	\$ -	\$ -	\$ -	\$ -	\$ -	-
GENERAL FUND	\$ -	\$ 320,000	\$ -	\$ -	\$ -	320,000
Total	\$ -	\$ 320,000	\$ -	\$ -	\$ -	320,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	West of Los Angeles Ave. Widening Project	Operating Cost:	
Project No:	CP950345	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Fuad Shamout	Source of Funds:	General Fund, Federal Funding

Project Description: This project includes the widening of West Los Angeles Avenue from the City's PSC to Los Alamos Canyon Creek in order to install on-street bicycle lanes, curb, gutter, sidewalk, and all appurtenant facilities. In order to construct the Alamo Canyon Creek improvements portion of the project, the City had to obtain a permit from the California Department of Fish and Wildlife (CDFW). One of the permit requirements is to assess the quality and quantity of the mitigation success for five years after construction. This assessment requirement will need to be completed by a qualified biologist, and an annual report will have to be submitted to CDFW. As such, we will need to budget \$10,000 per year for the next five years to complete this task.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
CONSTRUCTION	\$ -	\$ -	\$ -	\$ -	\$ -	-
PROFESSIONAL SERVICES	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	50,000
Total	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	50,000
SOURCES OF FUNDING:						
STPL-FEDERAL FUNDING	\$ -	\$ -	\$ -	\$ -	\$ -	-
GENERAL FUND	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	50,000
Total	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	50,000

Funding Priority Level
Priority 1 - Imperative

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

Project Title:	Pavement Management	Operating Cost:
Project No:	CP60000027	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: General Fund

Project Description: The PMP was adopted in 2015 to develop a management tool in rating the pavement condition of over 336 miles of the streets in the City. The PMP must be re-inspected every four years.

Project Title:	Storm Drain Repair - Phase I	Operating Cost:
Project No:	CP60000024	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: General Fund

Project Description: This project includes repair of an existing CMP pipe that has deteriorated within a property on Mason Court. This will include heavy cleaning, lining, post video of the existing pipe and some grading.

The following projects are completed, or no longer viable, and will be closed at the end of FY2019/20



Project Title:	Bicycle and Pedestrian Facilities Project	Operating Cost:
Project No:	CP60000020	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Jim Brunner	Source of Funds: General Fund, Article 3 Funding

Project Description: This is an annual program to implement bicycle and pedestrian projects. This type of project is recommended in the Bicycle Master Plan to enhance conditions for bicyclists and pedestrians throughout the City. Projects include the implementation and/or construction of off-street bicycle paths and related facilities, on-street bicycle lanes, on-street bicycle routes, sidewalks, accessible curb ramps, and local street widening. Some project costs may be eligible for Federal, State, or local grant funds.



Project Title:	Easy Street Sidewalk Construction - Phase I	Operating Cost:
Project No:	CP60000025	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: General Fund

Project Description: This project includes installation of missing sidewalk in front of the Spectrum office on the north side of Easy Street. This will include installation of Driveway, curb ramps, irrigation system relocation and all appurtenant work.



Project Title:	Easy Street Sidewalk Construction - Phase II	Operating Cost:
Project No:	CP60000026	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: General Fund

Project Description: This project includes installation of missing sidewalk in various sections on Easy Street between Madera Road and First Street. This will include installation of retaining walls, curb ramps, tree removals, irrigation system relocation and all appurtenant work.

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

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

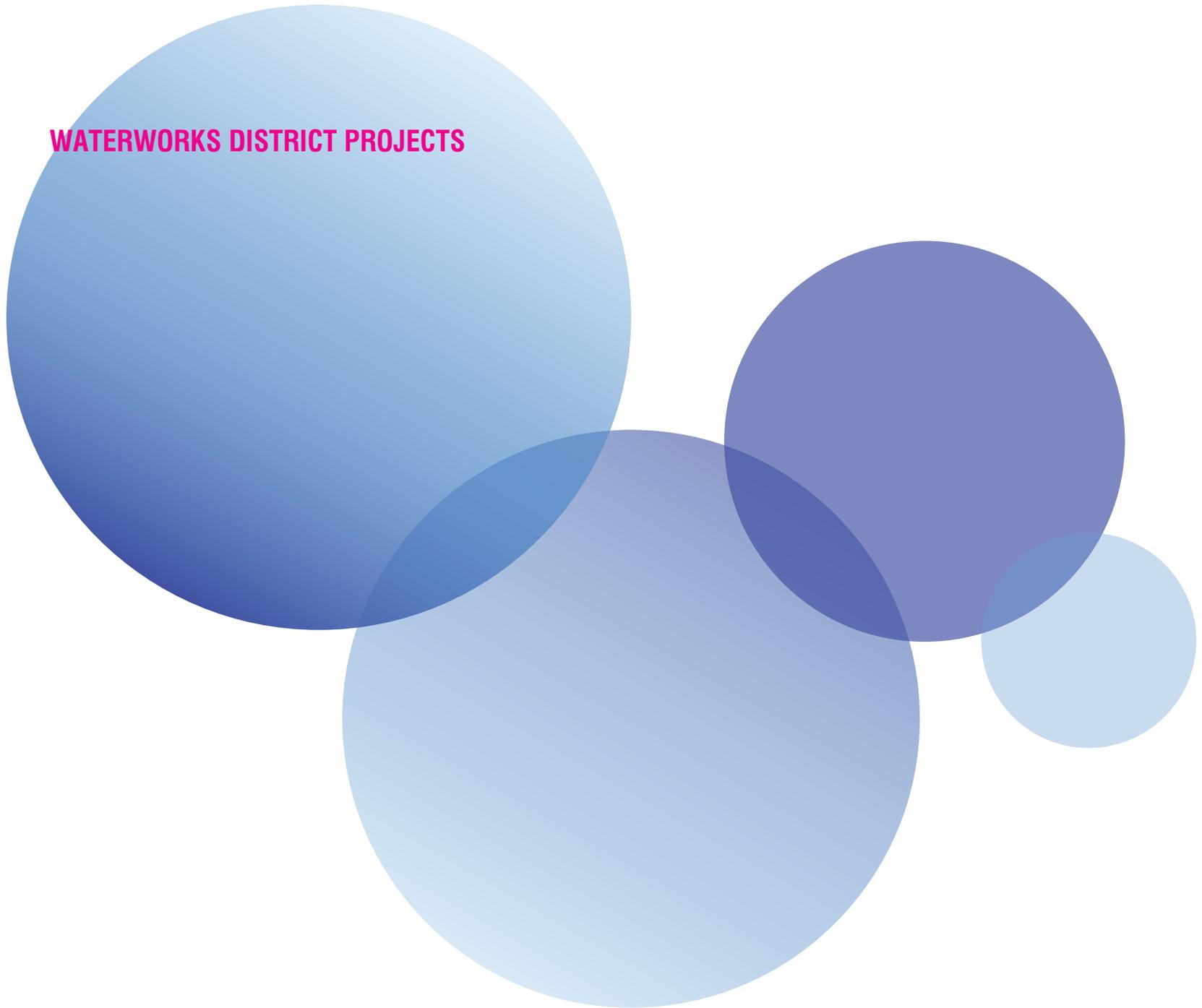
Project Title:	Storm Drain Improvement Project	Operating Cost:
Project No:	CP60000004	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Brent Siemer	Source of Funds: General Fund

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

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

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

WATERWORKS DISTRICT PROJECTS



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FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Waterworks Capacity Improvements	Operating Cost:
Project No:	CP76300044	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Capital Fund

Project Description: This project proposes to perform any critical capacity improvement projects that were identified during the Capacity Evaluation of the Waterworks System conducted in 2020. The purpose of the evaluation was to identify any capacity issues or improvements to ensure reliability and possible increased operating efficiencies. This project will correct any critical capacity issues that were recommended during the evaluation.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 350,000	\$ -	\$ -	\$ -	350,000
Consultant Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	150,000
Total	\$ 150,000	\$ 350,000	\$ -	\$ -	\$ -	500,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Waterworks Capital Fund	\$ 150,000	\$ 350,000	\$ -	\$ -	\$ -	500,000
Total	\$ 150,000	\$ 350,000	\$ -	\$ -	\$ -	500,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	District Telemetry Systems	Operating Cost:	
Project No:	CP76300014	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Dan Newton / Zelma Baer	Source of Funds:	Waterworks Replacement Fund

Project Description: Annual program for ongoing maintenance and modifications to security systems and for support to the District's SCADA system. Maintenance and modifications are performed on an as-needed basis for field equipment that fails or needs replacement for systems upgrades and software revisions.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ 100,000	\$ 500,000				

SOURCES OF FUNDING:						
Waterworks Replacement						
Fund	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ 100,000	\$ 500,000				

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Flanagan Tank Repair and Recoat	Operating Cost:	
Project No:	CP76300029	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Replacement Fund

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 500,000	\$ -	\$ -	\$ -	500,000
Consultant Services	\$ -	\$ 45,000	\$ -	\$ -	\$ -	45,000
Total	\$ -	\$ 545,000	\$ -	\$ -	\$ -	545,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ 545,000	\$ -	\$ -	\$ -	545,000
Total	\$ -	\$ 545,000	\$ -	\$ -	\$ -	545,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Hilltop Tank Rafter Repair	Operating Cost:	
Project No:	CP76300022	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would repair and recoat the structural steel roofing supports in the 1 MG Hilltop Tank, and inspect and patch the interior coating as needed. The tank’s interior structural members are corroded and require repair or replacement. A dive inspection conducted by CSI Tank Services in 2011 identified the deficiency and recommended the repairs for the interior of the tank. In addition, the Waterworks Facilities Assessment also recommended to fill in voids, where soil has settled, below the tank perimeter with a flowable fill material and install a new cathodic protection system to prevent corrosion.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 275,000	\$ -	\$ -	\$ -	\$ -	275,000
Consultant Services	\$ 30,000	\$ -	\$ -	\$ -	\$ -	30,000
Total	\$ 305,000	\$ -	\$ -	\$ -	\$ -	305,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 305,000	\$ -	\$ -	\$ -	\$ -	305,000
Total	\$ 305,000	\$ -	\$ -	\$ -	\$ -	305,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Knolls Zone Water Facilities	Operating Cost:	
Project No:	CP980320	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Monsour Moradi	Source of Funds:	Waterworks Capital Fund

Project Description: This project would design and construct a 1-million gallon water storage tank to increase fire storage to satisfy District standards and to provide water at a higher pressure to some higher elevation lots in the Knolls Pressure Zone. The tank will be located on property to be acquired in the Knolls Zone. The project also includes a pump station located at the Alta Vista Tank site and approximately 1,100 feet of 12-inch pipeline to supply water to the proposed tank. Construction is expected to be completed August 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2022-23	FY 2024-25	Total
Construction	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	2,000,000
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	-
Consultant Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	150,000
Total	\$ 2,150,000	\$ -	\$ -	\$ -	\$ -	2,150,000

SOURCES OF FUNDING:						
Waterworks Capital Fund	\$ 2,150,000	\$ -	\$ -	\$ -	\$ -	2,150,000
Total	\$ 2,150,000	\$ -	\$ -	\$ -	\$ -	2,150,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Landscape, Fencing, Noise Barrier	Operating Cost:	
Project No:	CP76300010	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Dan Newton / Zelma Baer	Source of Funds:	Waterworks Replacement Fund

Project Description: Annual program for landscaping to visually enhance the area around water tanks and for the installation of fence and screening. It is anticipated that the funds will be used for new plant material to replace existing landscaping that is failing or has been damaged by vandalism or weather.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000
Total	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000
Total	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title: Lilac Tank Repair
Project No: CP76300020
Lead Department: Public Works
Project Manager: Michael Kang

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

Project Description: This project would repair the 126,000 gallon capacity Lilac Tank that has been in service since 1991. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015 recommended to fill the voids below the tank perimeter with a flowable fill material to reinforce the structure, replace the tank level gauge, replace/restore the tank sub-base confinement with a new confinement ring, and investigate and repair the two tank leaks.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 270,000	\$ -	\$ 270,000
Consultant Services	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000
Total	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ 310,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ 310,000
Total	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ 310,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Main Line Valve Replacement	Operating Cost:	
Project No:	CP76300005	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Dan Newton/Zelma Baer	Source of Funds:	Waterworks Replacement Fund

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000
Total	\$ 125,000	\$ 625,000				

SOURCES OF FUNDING:						
Waterworks Replacement						
Fund	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000
Total	\$ 125,000	\$ 625,000				

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Marr Ranch Tank 1 Rafters Repair	Operating Cost:	
Project No:	CP76300023	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would repair and recoat the structural steel roofing supports in the 1 Million gallon capacity Marr Ranch Tank No. 1, and inspect and patch the interior coating as needed. The tank was constructed in 1965 and was last patch repaired in 1989. The tank's interior structural members are corroded and require repair or replacement. A dive inspection conducted by CSI Tank Services in 2011 identified the deficiency and recommended the repairs for the interior of the tank. In addition, the Waterworks Facilities Assessment prepared by Carollo Engineers in 2015 also recommended to replace the tank level gauge.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 175,000	\$ -	\$ -	\$ -	\$ -	175,000
Consultant Services	\$ 30,000	\$ -	\$ -	\$ -	\$ -	30,000
Total	\$ 205,000	\$ -	\$ -	\$ -	\$ -	205,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 205,000	\$ -	\$ -	\$ -	\$ -	205,000
Total	\$ 205,000	\$ -	\$ -	\$ -	\$ -	205,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Mellow Lane Tank Repair and Recoat	Operating Cost:	
Project No:	CP76300030	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would recoat and repair the 500,000 gallon capacity Mellow Lane Tank that has been in service since 1966. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015 recommends replacing corroded bolts and blast, and recoat the corroded flange sections at the base of the tank and recoat the exterior of the tank.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Consultant Services	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 10,000
Total	\$ -	\$ -	\$ -	\$ 210,000	\$ -	\$ 210,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 210,000	\$ -	\$ 210,000
Total	\$ -	\$ -	\$ -	\$ 210,000	\$ -	\$ 210,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	New Well in Gillibrand Basin	Operating Cost:	
Project No:	CP76200002	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Mansour Moradi	Source of Funds:	Waterworks Capital Fund

Project Description: This project would design, construct, and equip a groundwater production well, similar in production capacity to Well 32, to serve as a supplemental well for Wells 32 and 31A. The well is needed as a supply source to the Tapo Canyon Water Treatment Plant. The current wells are at full demand at peak demand. A third well is needed to provide redundancy in case of a well outage. In addition, Well 32 is nearly 50 years old, is not reliable, and may need to be retired soon. The contract to construct, develop, and test the well was awarded in January 2020. The design of the pumps and electrical equipment is expected to be completed in June 2020. Project completion is anticipated to be April 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 750,000	\$ -	\$ -	\$ -	\$ -	750,000
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total	\$ 850,000	\$ -	\$ -	\$ -	\$ -	850,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Waterworks Capital Fund	\$ 850,000	\$ -	\$ -	\$ -	\$ -	850,000
Total	\$ 850,000	\$ -	\$ -	\$ -	\$ -	850,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: This project is proposed to upgrade the existing Oak Knolls Pump Station by replacing the single 380-gpm pump unit with two, 500-gpm pumps. The project will consist of construction of a new pump building, upgrading the electrical equipment, installing two new pumps and motors, and replacing the existing piping to ensure reliability of the pump station. The pump station is the primary source of water supply for the Knolls (1404) Pressure zone and is more than 50 years old. Existing funding for this project is \$350,000 for construction and \$40,000 for consulting services, additional funding is requested to complete this project.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Consultant Services	\$ 160,000	\$ -	\$ -	\$ -	\$ -	160,000
Total	\$ 360,000	\$ -	\$ -	\$ -	\$ -	360,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Waterworks Capital Fund	\$ 360,000	\$ -	\$ -	\$ -	\$ -	360,000
Total	\$ 360,000	\$ -	\$ -	\$ -	\$ -	360,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Painting of Water Facilities	Operating Cost:
Project No:	CP76300011	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Dan Newton/Zelma Baer	Source of Funds: Waterworks Operating Fund

Project Description: Annual program for repainting exteriors of water tanks and pump stations throughout the District based on physical inspections by staff. Repainting prolongs the life of water tanks and pump stations. The funds are also expended for the removal of graffiti.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 300,000				
SOURCES OF FUNDING:						
Waterworks Operating Fund	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 300,000				

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Paving & Slurry Seal at Tank Sites	Operating Cost:
Project No:	CP76300009	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Dan	Source of Funds: Waterworks Operating Fund

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000
Total	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000
SOURCES OF FUNDING:						
Waterworks Operating Fund	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000
Total	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Pump Station Rehab - Station 1	Operating Cost:	
Project No:	CP76300024	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would rehabilitate the Station No. 1 Pump Station. The Waterworks Facilities Assessment, conducted by Carollo Engineers in 2015, recommended replacing both pumps and motors, rehabilitating or replacing the pump cans, and rebuilding and resealing the concrete slab and pump thrust block. Design is expected to be completed in March 2021 and construction completed by October 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 500,000	\$ -	\$ -	\$ -	\$ -	500,000
Consultant Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	150,000
Total	\$ 650,000	\$ -	\$ -	\$ -	\$ -	650,000

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

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Pump Station Rehab - Station 2	Operating Cost:	
Project No:	CP76300025	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would rehabilitate the Station No. 2 Pump Station that has been in service since 1995. The Waterworks Facilities Assesment, conducted by Carollo Engineers in 2015, recommended replacing both pumps and motors, rehabilitating or replacing the pump cans, and rebuilding and resealing the concrete slab and pump thrust block. Design is expected to be completed in March 2020 and construction completed by October 2020. Existing funding for this project is \$250,000 for construction and \$30,000 for consulting services, additional funding is requested to complete this project.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 250,000	\$ -	\$ -	\$ -	\$ -	250,000
Consultant Services	\$ 120,000	\$ -	\$ -	\$ -	\$ -	120,000
Total	\$ 370,000	\$ -	\$ -	\$ -	\$ -	370,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 370,000	\$ -	\$ -	\$ -	\$ -	370,000
Total	\$ 370,000	\$ -	\$ -	\$ -	\$ -	370,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Refurbishment/Install District Pumping Facilities	Operating Cost:
Project No:	CP76300012	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Dan Newton/Zelma Baer	Source of Funds: Waterworks Operating Fund

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000
Total	\$ 55,000	\$ 275,000				

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Waterworks Operating Fund	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 275,000
Total	\$ 55,000	\$ 275,000				

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Seismic Evaluation Repairs	Operating Cost:	
Project No:	CP76300045	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Replacement Fund

Project Description: This project proposes to perform any critical seismic repairs that were identified during the Seismic Evaluation of the Waterworks System conducted in 2020. The purpose of the evaluation was to determine whether existing anchorage meets current seismic requirements and the adequacy of the tank shell and roof structure in the event of an earthquake, given the current tank freeboard. This project will correct any tank anchorage and strengthening issues that were recommended during the evaluation.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 350,000	\$ -	\$ -	\$ -	350,000
Consultant Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	150,000
Total	\$ 150,000	\$ 350,000	\$ -	\$ -	\$ -	500,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 150,000	\$ 350,000	\$ -	\$ -	\$ -	500,000
Total	\$ 150,000	\$ 350,000	\$ -	\$ -	\$ -	500,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Stearns Tank 1 and 2 Repairs	Operating Cost:	
Project No:	CP76300021	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would upgrade the 500,000 gallon capacity Stearns Tank No. 1 that has been in service since 1960 and the 1 Million gallon capacity Stearns Tank No. 2 that has been in service since 1975. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015 recommended revising the site layout, realigning the piping, and/or a combination of each to install a flexible pipe connection with a full range of differential movement.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 350,000	\$ -	\$ -	\$ -	350,000
Consultant Services	\$ -	\$ 30,000	\$ -	\$ -	\$ -	30,000
Total	\$ -	\$ 380,000	\$ -	\$ -	\$ -	380,000

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

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Stow Tanks 1-4 Repairs and Recoat	Operating Cost:	
Project No:	CP76300028	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would repair and upgrade the four Stow Tanks that have been in service since 1960, with a total capacity of 5 Million gallons. The Waterworks Facilities Assessment conducted by Carollo Engineers in 2015, recommended revising the site layout, realigning the piping, and/or a combination of each to install a flexible pipe connection with a full range of differential movement for Tank No. 1. All tanks will have the voids below the tank perimeter, filled with a flowable material to reinforce the structure. Bollards will be installed to protect the tank inlet/outlet piping. The wall base around the tanks will be provided with localized blasting and recoating. The base will then be resealed with a flexible joint sealant.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ 800,000
Consultant Services	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
Total	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000
Total	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: This program would inspect and clean the District's water storage tanks every ten years to identify and prioritize repair and maintenance of the tanks. Divers will inspect the condition of the interior tank coatings and identify areas of metal corrosion of the tank walls, bottom, and roof structures. The tank's longevity is significantly improved, cost effectively, by planned projects, where the tank is taken out of service to recoat the interior surfaces, and repair and/or replace any corroded structural beams and rafters to prevent further corrosion. The proposed inspections will be conducted at: Stow Tanks #1, #2, #3, #4 in FY 2019-20; Flanagan, Casual Court, Wood Ranch 5MG, Woodranch #1 and #2, Crosby in FY 2020-21; First Street #1, #2, #3, #4 in FY 2021-22; Mine Road #1 and #2, Mellow Lane, Madera 1031, Greystone in FY 2022-23; McCoy, Stearns, Hidden Ranch, Lilac in FY 2023-24; Big Sky #1 and 2, Sinai, Thompson, Thorn Ridge in FY 2024-25.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ 40,000	\$ 60,000	\$ 50,000	\$ 40,000	\$ 50,000	\$ 240,000
Total	\$ 40,000	\$ 60,000	\$ 50,000	\$ 40,000	\$ 50,000	\$ 240,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 40,000	\$ 60,000	\$ 50,000	\$ 40,000	\$ 50,000	\$ 240,000
Total	\$ 40,000	\$ 60,000	\$ 50,000	\$ 40,000	\$ 50,000	\$ 240,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Urban Water Master Plan Update	Operating Cost:	
Project No:	CP76300043	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Michael Kang	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would update the existing 2015 Urban Water Management Plan and incorporate new requirements imposed by the Department of Water Resources (DWR). In addition to updating the water use and supply data, a new method is required to update the Water Shortage Contingency Plans, a Water System Seismic Risk and Mitigation Plan needs to be prepared, and reporting is necessary to demonstrate compliance with SBx7-7 requirements. The updated report must be adopted by the Board and submitted to DWR by June 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Valve Box Replacement	Operating Cost:
Project No:	CP76300013	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Dan Newton/Zelma Baer	Source of Funds: Waterworks Operating Fund

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Maintenance	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Total	\$ 15,000	\$ 75,000				
SOURCES OF FUNDING:						
Waterworks Operating Fund	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Total	\$ 15,000	\$ 75,000				

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Vulnerability Assessment Upgrades	Operating Cost:
Project No:	CP76300015	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Dan Newton/Zelma Baer	Source of Funds: Waterworks Operating Fund

Project Description: Implementation of security measures as outlined in the Vulnerability Assessment Study. Work is also performed on an as-needed basis to security equipment that fails or needs replacement due to obsolescence. Work includes updates to software and replacement of hardware that is over ten years old.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Vulnerability Assessment	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000

SOURCES OF FUNDING:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Waterworks Operating Fund	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Walnut Avenue Pump Station	Operating Cost:
Project No:	CP980460	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks 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 to replace the existing Tapo Street pump and provide the necessary capacity for the Lost Canyons Development. Existing funding for this project is \$20,000 for construction and \$40,000 for consultant services, additional funding is requested to complete this project.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 880,000	\$ -	\$ -	\$ -	\$ -	880,000
Consultant Services	\$ 210,000	\$ -	\$ -	\$ -	\$ -	210,000
Total	\$ 1,090,000	\$ -	\$ -	\$ -	\$ -	1,090,000

SOURCES OF FUNDING:						
Waterworks Capital Fund	\$ 1,090,000	\$ -	\$ -	\$ -	\$ -	1,090,000
Total	\$ 1,090,000	\$ -	\$ -	\$ -	\$ -	1,090,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Walnut Tank 2 Repair and Recoat	Operating Cost:	
Project No:	CP76300027	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Replacement Fund

Project Description: This project would recoat the interior of the 2 Million gallon capacity, Walnut Tank No. 2. The tank was constructed in 1992 and the interior was last patch repaired in 2001. A dive inspection conducted by CSI Services in 2011 identified that the tank's interior original coating had deteriorated. Tank longevity is significantly improved, cost effectively, by recoating. In addition, the Waterworks Facilities Assessment conducted by Carollo Engineers in 2015 recommended to replace the cathodic protection system, which has been in service for 26 years.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 400,000	\$ -	\$ -	\$ -	400,000
Consultant Services	\$ -	\$ 40,000	\$ -	\$ -	\$ -	40,000
Total	\$ -	\$ 440,000	\$ -	\$ -	\$ -	440,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ 440,000	\$ -	\$ -	\$ -	440,000
Total	\$ -	\$ 440,000	\$ -	\$ -	\$ -	440,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Storage Mixing Systems	Operating Cost:	
Project No:	CP980321	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Steve Seiberlich	Source of Funds:	Waterworks Capital Fund

Project Description: This project is proposed to purchase and install water-circulation systems in water storage tanks to reduce water quality degradation with the tanks. Past completed installations at fourteen water storage tanks have proven to improve water quality and reduced water wasting. The proposed tanks for this project include the 5MG Wood Ranch Tank and the 5 MG Sinai Tank.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 150,000	\$ -	\$ -	\$ -	\$ -	150,000
Professional Services	\$ 20,000	\$ -	\$ -	\$ -	\$ -	20,000
Total	\$ 170,000	\$ -	\$ -	\$ -	\$ -	170,000

SOURCES OF FUNDING:						
Waterworks Capital Fund	\$ 170,000	\$ -	\$ -	\$ -	\$ -	170,000
Total	\$ 170,000	\$ -	\$ -	\$ -	\$ -	170,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Line Repl - Apricot/Cedar/Leota	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 800 feet of pipeline in Apricot Rd, Cedar Rd, and Leota Lane, to replace a badly corroded 2" steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve for existing properties. The plan is to complete the design by April 2023 and complete construction by October 2023.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000
Consultant Services	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000
Total	\$ -	\$ -	\$ 285,000	\$ -	\$ -	\$ 285,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 285,000	\$ -	\$ -	\$ 285,000
Total	\$ -	\$ -	\$ 285,000	\$ -	\$ -	\$ 285,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: This proposed project would install 2,000 feet of pipeline in Black Canyon Road, Gaston Road, Reis Road and Studio Road West, located in the Santa Susana Knolls Area, to replace badly corroded 2" and 4" Blue Bell pipelines that been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by November 2021 and complete construction by May 2022.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 600,000	\$ -	\$ -	\$ -	600,000
Consultant Services	\$ -	\$ 25,000	\$ -	\$ -	\$ -	25,000
Total	\$ -	\$ 625,000	\$ -	\$ -	\$ -	625,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ 625,000	\$ -	\$ -	\$ -	625,000
Total	\$ -	\$ 625,000	\$ -	\$ -	\$ -	625,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 360,000	\$ -	\$ -	\$ -	360,000
Consultant Services	\$ -	\$ 10,000	\$ -	\$ -	\$ -	10,000
Total	\$ -	\$ 370,000	\$ -	\$ -	\$ -	370,000

SOURCES OF FUNDING:						
Waterworks Replacement						
Fund	\$ -	\$ 370,000	\$ -	\$ -	\$ -	370,000
Total	\$ -	\$ 370,000	\$ -	\$ -	\$ -	370,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title: Water Line Repl - Del Robles/Foothill/Camino
Project No: CP76300037
Lead Department: Public Works
Project Manager: Jay Lukiewski

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

Project Description: This proposed project would replace 2,489 feet of pipeline in Del Robles, Foothill Road, El Camino Real, Santa Maria St, Junipero St, Iris St, and Larkspur St located in the Santa Susana Knolls Area, to replace badly corroded 2", 4", 5" and 6" steel and PEP pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by June 2023 and complete construction by December 2023.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ 730,000	\$ -	\$ -	\$ 730,000
Consultant Services	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
Total	\$ -	\$ -	\$ 780,000	\$ -	\$ -	\$ 780,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 780,000	\$ -	\$ -	\$ 780,000
Total	\$ -	\$ -	\$ 780,000	\$ -	\$ -	\$ 780,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: This proposed project would install 2,000 feet of pipeline in Dennis Way, Rollins Road, Wells Lane, and Peppertree Lane, located in the Box Canyon Area, to replace badly corroded 2", 3", and 5" galvanized steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by November 2020 and complete construction by May 2021.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 600,000	\$ -	\$ -	\$ -	\$ -	600,000
Consultant Services	\$ 25,000	\$ -	\$ -	\$ -	\$ -	25,000
Total	\$ 625,000	\$ -	\$ -	\$ -	\$ -	625,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 625,000	\$ -	\$ -	\$ -	\$ -	625,000
Total	\$ 625,000	\$ -	\$ -	\$ -	\$ -	625,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: This proposed project would install 300 feet of pipeline between Eastward Road and My Way, located in the Chatsworth Lake Manor Area, to replace badly corroded 2" steel pipelines that been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve for existing properties. The plan is to complete the design by April 2022 and complete construction by September 2022.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ 110,000	\$ -	\$ -	\$ -	110,000
Consultant Services	\$ -	\$ 10,000	\$ -	\$ -	\$ -	10,000
Total	\$ -	\$ 120,000	\$ -	\$ -	\$ -	120,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ 120,000	\$ -	\$ -	\$ -	120,000
Total	\$ -	\$ 120,000	\$ -	\$ -	\$ -	120,000

Funding Priority Level
Priority 2 - Essential

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title: Water Line Repl - Folly Sims
Project No: CP76300040
Lead Department: Public Works
Project Manager: Jay Lukiewski

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

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

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ 564,000	\$ -	\$ 564,000
Consultant Services	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
Total	\$ -	\$ -	\$ -	\$ 584,000	\$ -	\$ 584,000

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

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Line Repl - Hilltop Rd. / Oak Knolls	Operating Cost:	
Project No:	CP76300036	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would install 1,840 feet of pipeline in Hilltop Road and Oak Knolls, located in the Santa Susana Knolls Area, to replace badly corroded 2" PEP and 2" and 5" steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by March 2023 and complete construction by November 2023.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000
Consultant Services	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
Total	\$ -	\$ -	\$ 580,000	\$ -	\$ -	\$ 580,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ 580,000	\$ -	\$ -	\$ 580,000
Total	\$ -	\$ -	\$ 580,000	\$ -	\$ -	\$ 580,000

Funding Priority Level
Priority 3 - Important

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Line Repl - Lilac Tank	Operating Cost:	
Project No:	CP76300039	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would replace 740 feet 10-inch asbestos cement pipeline at the Lilac Tank Site that is exposed and needs to be repaired and replaced in certain areas. By installing the new pipeline, water service reliability would improve existing properties. The plan is to complete the design by January 2024 and complete construction by June 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ 340,000	\$ -	\$ -	\$ -	\$ -	340,000
Consultant Services	\$ 60,000	\$ -	\$ -	\$ -	\$ -	60,000
Total	\$ 400,000	\$ -	\$ -	\$ -	\$ -	400,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ 400,000	\$ -	\$ -	\$ -	\$ -	400,000
Total	\$ 400,000	\$ -	\$ -	\$ -	\$ -	400,000

Funding Priority Level
Priority 1 - Imperative

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Line Repl - Loma/Ash/Katey	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would replace approximately 635 feet of 8-inch pipeline in Loma Lane, Ash Street, and Katey Lane. These segments were identified during the Waterworks Facilities Assessment based on calculated risk of waterline failure based on the asset vulnerability and criticality. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by March 2024 and complete construction by December 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 255,000	\$ 255,000
Consultant Services	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
Total	\$ -	\$ -	\$ -	\$ 20,000	\$ 255,000	\$ 275,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 20,000	\$ 255,000	\$ 275,000
Total	\$ -	\$ -	\$ -	\$ 20,000	\$ 255,000	\$ 275,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Line Repl - Mesa/Shirley/Johnson	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would replace approximately 460 feet of 2-inch pipeline in Mesa Road, approximately 380 feet of 2-inch pipeline in Shirley Drive, and 220 feet of 2-inch in Johnson Drive. These segments were identified during the Waterworks Facilities Assessment based on calculated risk of waterline failure based on the asset vulnerability and criticality. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by January 2024 and complete construction by June 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 320,000	\$ 320,000
Consultant Services	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ 30,000
Total	\$ -	\$ -	\$ -	\$ 30,000	\$ 320,000	\$ 350,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 30,000	\$ 320,000	\$ 350,000
Total	\$ -	\$ -	\$ -	\$ 30,000	\$ 320,000	\$ 350,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

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

Project Description: This proposed project would replace approximately 740 feet of 8-inch pipeline and 15 service connections in Roan Street. This pipeline is badly corroded and has been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve for existing properties. The plan is to complete the design by February 2024 and complete construction by October 2024.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000
Consultant Services	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
Total	\$ -	\$ -	\$ -	\$ 20,000	\$ 280,000	\$ 300,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 20,000	\$ 280,000	\$ 300,000
Total	\$ -	\$ -	\$ -	\$ 20,000	\$ 280,000	\$ 300,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN
FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Water Line Repl - Township / Sheri	Operating Cost:	
Project No:	TBD	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Jay Lukiewski	Source of Funds:	Waterworks Replacement Fund

Project Description: This proposed project would replace approximately 118 feet of 8-inch pipeline in Township Avenue (crossing the Tapo Canyon Drain) and approximately 521 feet of 4-inch pipeline in Sheri Drive. These segments were identified during the Waterworks Facilities Assessment based on calculated risk of waterline failure based on the asset vulnerability and criticality. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by December 2023 and complete construction by August 2025.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
Consultant Services	-	-	-	50,000	-	50,000
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ 400,000

SOURCES OF FUNDING:						
Waterworks Replacement Fund	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ 400,000
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ 400,000

Funding Priority Level
Priority 4 - Desirable

FIVE YEAR CAPITAL IMPROVEMENT PLAN

FISCAL YEARS 2020-21 TO 2024-25

Project Title:	Well Rehabilitation Program	Operating Cost:	
Project No:	CP76300008	First Year:	
Lead Department:	Public Works	Subsequent Year:	
Project Manager:	Dan Newton/Zelma Baer	Source of Funds:	Waterworks Replacement Fund

Project Description: This project is proposed to assess and rehabilitate two 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 its construction, test the mechanical equipment, check the water quality, and rehabilitate the well. The data would be analyzed to determine the characteristics, condition, performance, and deterioration of each well, and equipment to recommend rehabilitation and maintenance measures. A well expert (hydrogeologist) may also be needed for analytical work and advice.

EXPENDITURE PLAN:	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Total
Consultant Services	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ 40,000
Construction	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ -	\$ 280,000
Total	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ -	\$ 320,000

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

Funding Priority Level
Priority 1 - Imperative

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

Project Title:	Waterworks Capacity Study	Operating Cost:
Project No:	CP76300019	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Capital Fund

Project Description: The Waterworks Facilities Assessment and Cost of Service Evaluation recommends a capacity study to evaluate the hydraulic limitations and needs of the Waterworks distribution system. The evaluation will determine whether existing storage, pumping systems and pipelines will be able to meet current fire flow demands. Based on the results of the evaluation, additional storage and pumping projects may be recommended.

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

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

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

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

Project Title:	Waterworks SCADA System Upgrade	Operating Cost:
Project No:	CP980461	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: Waterworks Rep. Fund

Project Description: This project would upgrade and replace the System Control and Data Acquisition (SCADA) system that Waterworks Operations relies upon. Replacing the SCADA system 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.

Project Title:	Waterworks Risk Assessment	Operating Cost:
Project No:	CP76300042	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Rep. Fund

Project Description: This project is proposed to conduct a Risk and Resiliency Assessment of the Waterworks infrastructure and develop an ERP to comply with the Water Infrastructure Act of 2018, which was signed into law on October 23, 2018. The Waterworks District must provide certification of completion to the EPA by December 31, 2020.

Project Title:	Water Main Replacement Program	Operating Cost:
Project No:	CP76300007	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michelle Elorde	Source of Funds: Waterworks Rep. Fund

Project Description: This project is proposed to construct pipeline improvements/replacements, as identified and prioritized in the Water Facilities Assessment and Cost of Service Evaluation. The replacements would address hydraulic deficiencies, deteriorating pipeline conditions, and correct right-of-way conflicts, thereby maintaining water system reliability.

Project Title:	Simi Valley Groundwater Basin	Operating Cost:
Project No:	CP985141	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Sarah Sheshebor	Source of Funds: Waterworks Capital Fund

Project Description: This project would develop the Simi Valley Basin into a potable local water resource to supplement imported water from CMWD. CMWD proposes to extend its Salinity Management Pipeline to Simi Valley by 2022 providing a means of disposing of waste byproduct generated by a groundwater treatment process that is necessary to develop the Basin. A feasibility study was prepared to evaluate treatment options, well siting, treatment plant siting and other logistical considerations. The feasibility study indicates an investment of approximately \$80 million would be needed. The first project phase will be to prepare a Groundwater Sampling and Analysis Plan to provide groundwater quality data for the Simi Valley Basin to evaluate its potential contamination from the Santa Susana Field Laboratory. Data collected from the Plan will supplement information from other studies to be used as a reference to the CEQA documentation. Subsequently, an Initial Study Environmental document will be prepared to satisfy the CEQA and CEQA Plus standards. A Mitigated Negative Declaration is anticipated for the project. Also, property may be acquired for the treatment plant and six well sites, as the sites become available. Staff will also seek project approval from the Board of Directors along with further direction, and following such direction, more financial planning will be shown in support of the Board's policy.

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

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

Project Title:	Water Line Extention in Rollins Road	Operating Cost:
Project No:	CP980420	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Jay Lukiewski	Source of Funds: Waterworks Rep. Fund

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.

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

Project Description: This proposed project would install 950 feet of pipeline in Ehlers Drive, Larson Way, and My Way, located in the Box Canyon Area, to replace badly corroded 2" galvanized steel pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by May 2019 and complete construction by July 2020.

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

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

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

Project Description: This project is proposed to replace Well 31 Tank, Well 32 Tank, Station No. 2 Tank, Station No. 3 Tank, and the Tapo Canyon Water Treatment Plant’s Aerator Tank. All of these existing tanks are deteriorated beyond the point of repair. Replacing the tanks would improve reliability, prevent water wasting, and may help improve system water quality. Station No. 3 Tank and the Aerator Tank were completed in FY 2016-17. Well 31 and 32 Tank are scheduled for FY 2017-18 and Station No. 2 Tank is scheduled for FY 2018-19.

Project Title:	Seismic Evaluation of Water Tanks	Operating Cost:
Project No:	CP76300018	First Year:
Lead Department:	Public Works	Subsequent Year:
Project Manager:	Michael Kang	Source of Funds: Waterworks Rep. Fund

Project Description: The Waterworks Facilities Assessment and Cost of Service Evaluation recommend a seismic evaluation of each of the forty-three tanks in the Waterworks distribution system. The evaluation will determine whether existing anchorage meets current requirements, adequacy of the tank shell and roof structure in the event of an earthquake, given the current tank freeboard. Based on the results of the evaluation, tank anchorage and strengthening may be recommended.

The following projects are completed, or no longer viable, and will be closed at the end of FY2019/20

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

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

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

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

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

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

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

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

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

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

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

Project Description: This proposed project would install 2,050 feet of pipeline in Studio Road, Los Nogales (Private Road), Strip Mall on LA Ave East of First Street, and Leota Lane, to replace a badly corroded 2", 4", and 6" steel, and Bluebell pipelines that have been repaired several times by Waterworks District staff in response to emergency failures. By installing the new pipelines, water service reliability would improve existing properties. The plan is to complete the design by April 2023 and complete construction by October 2023.

GLOSSARY

Agency Funds

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

Anticipated Under Expenditures

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

Appropriation

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

Assessed Valuation

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

Audit

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

Bonds

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

Budget

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

Budget Message

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

GLOSSARY

Budget and Fiscal Policies

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

Capital Improvement Program (CIP)

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

Capital Outlay

A budget appropriation category for equipment items.

Capital Improvement Funds

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

Certificates of Participation

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

Debt Service

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

Debt Service Funds

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

Deficit

An excess of expenditures or expenses over revenues.

Department

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

Division

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

Enterprise Funds

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

Expenditure

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

GLOSSARY

Fiscal Year

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

Fund

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

Fund Balance

Fund balance is the difference between assets and liabilities.

General Fund

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

Goal

A statement of broad direction, purpose, or intent.

Grant

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

Internal Service Fund

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

Municipal Code

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

Objective

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

OPEB

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

Operating Budget

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

GLOSSARY

Personnel Savings

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

Public Financing Authority

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

Reserve

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

Revenue

Sources of income that finance the operations of government.

Special Revenue Funds

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

Subventions

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

ACRONYMS & INITIALISMS

ADA

Americans with Disabilities Act

AFIS

Automated Fingerprint Identification System

ALD

Assistive Listening Device

AV

Audio/Visual

BNR

Biological Nutrient Removal

CAC

Simi Valley Cultural Arts Center

CAD

Computer-Aided Dispatch

CAFR

Comprehensive Annual Financial Report

CalPERS

California Public Employees Retirement System

CalRecycle

California Department of Resources, Recycling, and Recovery

CCA

Community Choice Aggregation

CDA

Simi Valley Community Development Successor Agency

CDBG

Federal Community Development Block Grants Program

CDLAC

California Debt Limit Allocation Committee

CEQA

California Environmental Quality Act

CERT

City Emergency Response Team

CHP

California Highway Patrol

CIP

Capital Improvement Program

CLETS

California Law Enforcement Telecommunications System

CMAQ

Congestion Mitigation Air Quality

CMP

Chemical Mechanical Polisher

CMU

Concrete Masonry Units

CMWD

Calleguas Municipal Water District

CNG

Compressed Natural Gas

COA

Simi Valley Council on Aging

CPA

Certified Public Accountant

CPR

Cardiopulmonary Resuscitation

CPI-U

Consumer Price Index for All Urban Consumers

CPS

Connector Pipe Screens

CRV

California Redemption Value

CSMFO

California Society of Municipal Finance Officers

DAFT

Dissolved Air Flotation Thickeners

DAR

Dial-A-Ride Service

DHS

Department of Homeland Security

DIVCA

California's Digital Infrastructure and Video Competition Act of 2006

DMV

California Department of Motor Vehicles

ACRONYMS & INITIALISMS (continued)

DSW

Disaster Service Worker

DUI

Driving Under the Influence

ECTA

East County Transit Alliance

EOC

Emergency Operations Center

EPA

Environmental Protection Agency

ERP

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

ESCO

Energy Service Company

FEB

Flow Equalization Basin

FEMA

Federal Emergency Management Agency

FIS

Simi Valley Financial Information System

FTA

Federal Transit Administration

GAAP

Generally Accepted Accounting Principles

GASB

Governmental Accounting Standards Board

GEMS

GIS Emergency Management Mapping System

GFOA

Government Finance Officers Association

GIS

Geographic Information System

GPS

Global Positioning System

HCD

Housing and Community Development

HHW

Household Hazardous Waste

HUD

Federal Department of Housing and Urban Development

HVAC

Heating, Ventilation, and Air Conditioning

IBNR

Incurred-But-Not-Reported

ICS

Incident Command System

IGA

Investment Grade Audit

LED

Light Emitting Diode Technology

LIDAR

Light Detection and Ranging Technology

LMD

Landscape Maintenance District No. 1

LTF

Local Transportation Fund

MOU

Memorandum of Understanding

MPD

Master Plan of Drainage

MPR

Multi-Purpose Room

MS4

Municipal Separate Storm Sewer System

MUSTS

Municipal Unsafe Structure Tracking System

NABI

North American Bus Industry

NASSCO

National Association of Sewer Service Companies

NCIC

National Crime Information Center

NIMS

National Incident Management System

NPDES

National Pollutant Discharge Elimination System

OPR

Office of Planning and Research

ACRONYMS & INITIALISMS (continued)

OTS

Office of Traffic Safety

PA

Public Address

PBX

Private Branch Exchange

PCC

Portland Concrete Cement

PCI

Payment Card Industry

PEG

Public, Educational, and Governmental Funds

PEMHCA

Public Employees Medical and Hospital Care Act

PEP

Pretreatment Effluent Pumping

PLC

Programmable Logic Controllers

PMP

Pavement Management Program

POST

Police Officer Standardized Training

PPE

Personal Protective Equipment

PROS

Post Release Offender Supervision Program

PSC

Simi Valley Public Services Center

RADAR

Radio Detection and Ranging Technology

RAS

Reverse Activated Sludge

RFP

Request for Proposal

RHNA

Regional Housing Need Assessment & Allocation

RMS

Records Management System

RWQCB

Regional Water Quality Control Board

SAP

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

SB

Senate Bill

SB90

State Mandated Cost Recovery

SCADA

Supervisory Control and Data Acquisition

SCBA

Self-Contained Breathing Apparatus

SCE

Southern California Edison

SCS

Sustainable Community Strategy

SEMS

Standardized Emergency Management System

SGR

State of Good Repair

SHO

Serious Habitual Offenders

SOU

Special Operations Unit

SRO

School Resource Officer

SSC

Schedule of Service Charges

SSMP

Sewer System Management Plan

SSO

Sanitary Sewer Overflow

SVMC

Simi Valley Municipal Code

SVPD

Simi Valley Police Department

SVT

Simi Valley Transit

SVTV

Simi Valley Television

SWAT

Special Weapons and Tactics

TMS

Transit Management System

ACRONYMS & INITIALISMS (continued)

UAL

Unfunded Accrued Liability

USEPA

United States Environmental Protection Agency

VCAS

Ventura County Animal Shelter

VCAT

Ventura County Combined Agency Task Force

VCTC

Ventura County Transportation Commission

VCWPD

Ventura County Watershed Protection District

VERSATERM

Integrated Police Systems Software

VoIP

Voice over Internet Protocol

WAN

Wide Area Network

WDR

Wastewater Discharge Requirements

WQCP

Water Quality Control Plant

YES

Youth Employment Services Program

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