

2017-18

**City of
Santa Clara**

**Capital
Improvement
Program Budget**



BUDGET TRANSMITTAL LETTER



**City of
Santa Clara**
The Center of What's Possible

City Hall
1500 Warburton Ave.
Santa Clara, CA 95050
408.615.2210

June 27, 2017

Honorable Mayor and City Council
City of Santa Clara
Santa Clara, CA 95050

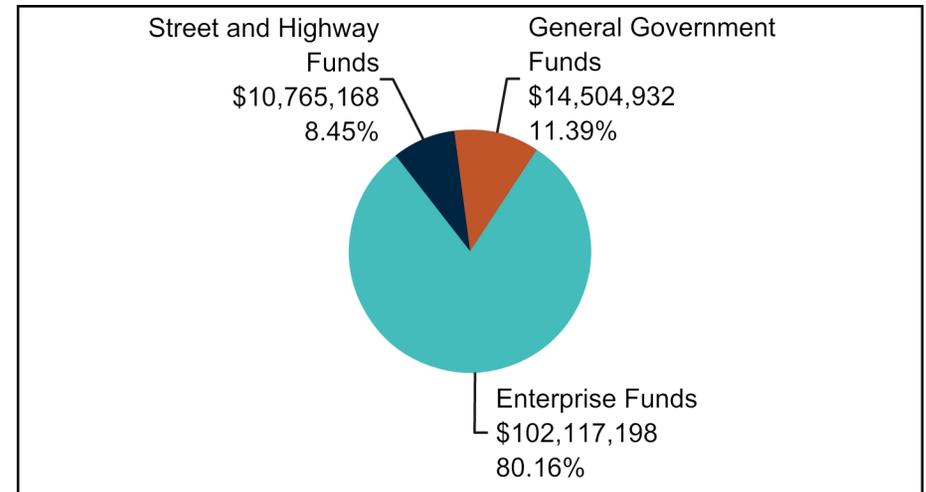
Dear Mayor and Members of the City Council:

I am pleased to present the adopted Capital Improvement Program (CIP) Budget for fiscal year 2017-18. This Budget was developed with consideration of the City's mission, vision statement, goals developed by the City Council, current economic conditions, limited financing resources, and Council focus on economic development priorities. It also responds to the City Council Budget Priorities identified during the Study Session held on February 21, 2017. Those priorities included continuing to focus on CIP projects that had been delayed, pursuing an "A" grade for our infrastructure and equipment, and maintaining and improving the Pavement Condition Index ("PCI") for City streets. The CIP Budget addresses these issues through the use of unallocated capital fund balance and one-time reserves. While funding projects that meet these priorities is progress, staff will need to continue to work with Council to identify both the one-time and recurring resources necessary to ensure that funding will be available in later years to implement this CIP plan.

While funding appropriations occur on an annual basis, the program extends for a five (5) year period. Changes to existing projects, as well as the addition of new projects, may occur during the five (5) year planning period as new needs are identified that require attention and

the allocation of resources. The work program is updated every year as part of the capital improvement development and review process.

The adopted 2017-18 CIP Budget appropriations totaling \$127.4 million are shown by fund type in the graph below.



BACKGROUND

On January 24, 2017, the City Council reviewed and adopted Budget Principles for 2017-18. The Principles most related to the CIP Budget development include:

- Focus on projects and services that provide benefit to the community as a whole.
- Pursue economic development objectives and strategies to foster new public and private investment within Santa Clara, and to create employment opportunities.

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- One-time unrestricted revenues (e.g., annual General Fund surplus) should only be used for one-time uses such as increasing reserves, funding capital projects, paying off debt, and/or paying off unfunded pension or other post-employment benefits liabilities.
- Funding challenges due to the impacts of the last recession resulted in the delay of many capital improvement, major maintenance, and technology projects (e.g., street resurfacing, equipment replacement, replacing older and/or obsolete computer applications, etc.) creating a backlog of needed work. It is important to set aside a portion of one-time monies to reduce this backlog.

A Santa Clara City Council Strategic Planning Session was held on January 26, 2017 to determine the Council's overall goals and vision for the City. Below are some of the common themes discussed as they relate to the CIP Budget:

- Ensure fiscal responsibility.
- Enhance community sports and recreational assets.
- Deliver and enhance high quality efficient services and prioritize infrastructure improvements.

In January 2017, the City Manager's Office issued guidelines for the 2017-18 capital project budget development which included the following:

- With limited exception, the focus for this year's CIP budget process will be on:
 - Completing projects that are already approved;
 - Addressing serious deferred maintenance needs (e.g., street resurfacing, sidewalk repair, etc.); and
 - Replacing obsolete or end-of-life technology and/or adding new technology which is expected to result in greater productivity or cost savings.
- New or enhanced project requests that meet the following criteria will be given higher priority:
 - Are mandatory (e.g., address a critical safety hazard, address an increasingly serious maintenance issue, are required by State or Federal law, etc.);
 - Projects which closely align with Council goals and strategic objectives and adopted Budget Principles;

- Are substantially funded by other funding sources (e.g., gas tax, grants, utility charges, etc.); or
- Result in lower operating costs at least equal to the project costs over a minimal payback period.
- New future year project requests will be considered based on project needs as described in the Justification section of the description page and any dedicated funding sources expected to be available.
- Review all existing funded projects and determine if they can be closed or if any funding can be reallocated to other projects.

On February 13, 2017, staff met with the Citizen Advisory Committee to obtain their input on budget priorities.

The CIP budget preparation and review process consisted of five primary steps:

- Departments submitted proposed projects based on the budget guidelines and Finance Department staff reviewed the submittals to ensure that they were accurate, complete, and met the guidelines for budget submission.
- The Information Technology (IT) department reviewed projects and identified business, financial, and technical opportunities for increased revenues or reductions in costs that may result, recognizing that technology can be an enabler for the City in the performance of its business objectives. IT projects were evaluated for their effect on employee productivity and efficiency as well as the positive or negative impact to services for residents and businesses.
- Departments presented their proposed projects to a budget review team made up of the Acting Director of Finance, Budget Manager, Principal Financial Analyst, and Financial Analyst. These reviews helped prioritize capital needs to ensure that limited available resources are used most effectively and provided an opportunity to view capital investments from a citywide perspective and identify potential opportunities to leverage funds across departments.
- The budget review team, along with each Department Head, met with the City Manager to review capital project requests.

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- All input was considered and projects were recommended to be funded in the 2017-18 CIP budget based on the City Council's goals given the limited resources available.

On April 25, 2017, the Planning Commission reviewed the CIP Budget and adopted a resolution of the City of Santa Clara fiscal year 2017-18 Capital Improvement Program Budget General Plan Conformity Findings.

A joint study session was held on May 16, 2017, in which staff presented an overview of the proposed 2017-18 CIP Budget.

On May 22, 2017, staff attended a Citizen Advisory Committee meeting to provide an overview of the proposed 2017-18 CIP Budget.

The 2017-18 CIP Budget was formally adopted on June 13, 2017 and an additional amendment was made to the Budget at the June 27, 2017 City Council meeting.

CARRYFORWARD APPROPRIATIONS

The appropriations for most capital projects do not lapse at year end and are reflected below as "2017-18 Carryforward Appropriations" for informational purposes. These unspent appropriations carry forward into the next fiscal year and continue to be available for the projects they were approved for. The chart below details the amount of prior year appropriations estimated to be carried forward into 2017-18, by fund group.

<u>Fund Group</u>	<u>2017-18 Carryforward Appropriations</u>	<u>2017-18 Appropriations</u>	<u>2017-18 Total Available Appropriations</u>
Street and Highway Funds	\$ 34,746,358	\$ 10,765,168	\$ 45,511,526
General Government Funds	44,230,887	14,504,932	58,735,819
Enterprise Funds	104,210,447	102,117,198	206,327,645
Total	\$ 183,187,693	\$ 127,387,298	\$ 310,574,991

REVENUE SOURCES

A careful review of projects already approved but not yet completed was conducted to determine possible financing reductions that could be made available for funding new projects or projects requiring additional funding for planned phases. Completed projects with remaining balances have been closed and the monies returned to the appropriate beginning balance account.

The following table provides a year over year comparison of fiscal year revenue and financing sources by budget category for all funds:

<u>Revenue/Financing Sources</u>	<u>2016-17</u>	<u>2017-18</u>	<u>% Change</u>
Charges for Current Services	\$ 1,120,000	\$ 6,000,000	435.71
Interest and Rent	784,238	17,000	(97.83)
Intergovernmental Revenue	2,917,830	3,050,000	4.53
Operating Transfers:			
Customer Service Charges	43,666,000	66,830,023	53.05
Reserves	15,099,569	7,893,633	(47.72)
Gas Tax Revenue	8,724,587	3,310,123	(62.06)
Other	6,118,753	25,396,481	315.06
Subtotal Operating Transfers	<u>73,608,909</u>	<u>103,430,260</u>	40.51
Other Revenues	8,198,056	14,890,038	81.63
Total CIP	\$ 86,629,033	\$ 127,387,298	47.05

CAPITAL PROJECTS RESERVE

The Capital Projects Reserve was established with a minimum target balance of \$5.0 million to fund General Fund projects. The Capital Projects Reserve has a projected beginning balance of \$32.9 million for 2017-18. The adopted Capital Projects Reserve funding for 2017-18 totals \$7.0 million. The remaining balance in the Capital Projects Reserve equals \$25.9 million and is allocated towards approved projects included in this five (5) year CIP plan.

The Capital Projects Reserve is funded entirely by General Fund operating savings and/or surpluses in prior years. These funds are the result of one or a combination of the following:

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- Unanticipated revenue from general government revenues such as sales tax or interest earnings on General Fund balances.
- Unspent appropriations (when available) from annually budgeted programs.
- Project cost savings on projects funded with monies from the Capital Projects Reserve.

The 2017-18 General Fund Operating budget does not anticipate any savings and/or surpluses therefore no new funding has been included in the 2017-18 Capital Projects Reserve. If no additional funding is allocated to the Capital Projects Reserve, it is estimated that it will be depleted by the end of fiscal year 2021-22.

The City's five-year forecast predicts that the General Fund will be in a deficit position beginning in fiscal year 2018-19 and continuing to fiscal year 2022-23. The main cause for this deficit is rising CalPERS costs. On December 21, 2016, the CalPERS Board of Administration approved lowering the CalPERS discount rate assumption, the long-term rate of return, from 7.5% to 7.0% over the next three years. This will increase the City's contribution costs beginning in 2018-19. Study Sessions will be scheduled earlier in the 2018-19 budget process in order to discuss solutions to the anticipated deficits.

APPROPRIATIONS BY FUND GROUP

The appropriations for capital projects are further summarized by fund group. These groupings are broad categories of types of funded capital improvement projects and their corresponding funding sources. For a listing of the funds included in each of the following groups see the Summaries section of this document.

1. Street and Highway Funds
2. General Government Funds
3. Enterprise Funds

This budget includes a new category titled Deferred/Unfunded needs. This reflects current projects that represent a future need (such as a new Fire Station Remodel) or that is deferred (such as a fully funded Pavement Management Program) due to a lack of funding or other resources.

STREETS AND HIGHWAY FUNDS

Street and Highway Funds support street resurfacing, major roadway improvements, traffic signal improvements, and related trail expenditures managed under the Public Works Department. Financing sources include traffic mitigation fees, developer fees, gas tax revenues, Measure B VTA revenues, vehicle registration fees, grants and internal transfers from the Capital Projects Reserve.

The budget does not include funding from the State's recently passed "Road Repair and Accountability Act of 2017" (RMRA). This new funding source becomes effective November 2017 and the projected revenue for 2017-18 is approximately \$714,000 and will be included in the 2018-19 CIP Budget for ongoing street maintenance. Future revenue from RMRA is estimated to be approximately \$2.1 million annually.

New projects in the Streets and Highway Funds include the following:

- Citywide Accessible Pedestrian Signal Installation
- Traffic Signal Controller Replacement
- Replacement of Traffic Signals in ECR-Lafayette St.-Homestead Rd.-Scott Blvd. Area
- Annual Creek Trail Rehabilitation Program
- Saratoga Creek Trail (Homeridge Park to Central Park)
- Pepper Tree Neighborhood Traffic Calming Study

GENERAL GOVERNMENT FUNDS

General Government Funds are used for repairs and modifications to public buildings and facilities, with the majority of projects funded by the Capital Projects Reserve. During the preparation of the fiscal year 2017-18 CIP budget, staff assessed the condition of existing City systems and facilities and evaluated the availability of funding to provide for the necessary capital maintenance, renewal, or replacement of existing systems and facilities.

The following new projects are included within the General Government Funds:

- Montague Park Enhancement
- Public Computer Access Upgrades
- Automated Material Check-in and Sorting Machine

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- HVAC Chiller Unit
- City Hall Security and Key System Upgrade

ENTERPRISE FUNDS

Enterprise Funds support capital projects in the City's cemetery, electric, recycled water, sewer, solid waste, street lighting, and water utilities.

New or addition projects funding included within the Enterprise Funds includes the following:

- Utility Billing CIS Replacement
- Substation Physical Security Improvements
- DVR Gas Turbine Control System Upgrade
- DVR SCR and CO Catalyst Replacement
- Mitsubishi Steam Turbine Major Overhaul
- Cogen Gas Turbine 25ppm Nox Reduction
- Water Compliance Study
- Implementation of the Advanced Metering Infrastructure
- Water Fiber Optic Network Work Orders for SVP
- Water Transmission Mains Assessment
- Casket Lift
- Sewer Fiber Optic Network

STADIUM AUTHORITY

The Stadium Authority exists as a public body, separate and distinct from the City, and is established to provide for development and operation of Levi's Stadium. It is structured so that the City will not be liable for debts or obligations of the Authority. The Stadium Authority's stand-alone 2017-18 Operating, Debt, and Capital Budget was adopted by the Stadium Authority Board on March 21, 2017 and can be found at "<http://santaclaraca.gov/government/stadium-authority>".

OPERATING COST IMPACTS

The cost of a new facility does not end when the construction is completed. Assets need to be maintained and these costs will need to be included in future operating budget requests. Ongoing costs may include additional staff, new vehicles, supplies and services, equipment, or additional materials. Staff has attempted to identify any new or

incremental costs that will impact future operating budgets and these costs are included with the information provided on individual projects. It is estimated that as new facilities are completed, future operating budgets will need to be increased to cover the General Fund cost of operating and maintaining these facilities.

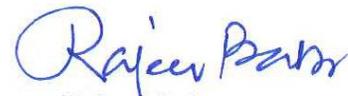
SUMMARY

The adopted 2017-18 Capital Improvement Project Budget provides the necessary funding to implement projects consistent with the City Council's budget principles, goals and priorities. Funding for new and ongoing projects included in this document make progress toward pursuing an "A" grade for infrastructure and equipment, most of the funding for these capital improvements is dependent on one-time unallocated or capital reserve balances.

As we look forward, the challenge beyond the 2017-18 adopted CIP Budget is to identify a substantial, recurring funding source for capital project needs in order to maintain our streets, infrastructure, and equipment.

I would like to thank the Finance Department staff who coordinated with each department to prepare this Budget document. I would also like to acknowledge the participation and contribution of our staff in all departments who contributed to the development of this Budget. Lastly, I want to recognize and express my appreciation for the leadership and guidance that the City Council provides to establish principles and goals for the City's Capital Improvement Program.

Respectfully submitted,



Rajeev Batra
City Manager



Angela Kraetsch
Acting Director of Finance

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ROSTER OF COUNCIL & COMMISSION MEMBERS

CITY COUNCIL

Mayor	Lisa M. Gillmor
Councilmember	Dominic J. Caserta
Councilmember	Debi Davis
Councilmember	Patrick Kolstad
Councilmember	Patricia Mahan
Councilmember	Teresa O'Neill
Councilmember	Kathleen Watanabe

BOARD OF LIBRARY TRUSTEES

Leonne Broughman, Jan Hintermeister, David Kyo, Ashish Mangla, Stephen Ricossa

CIVIL SERVICE COMMISSION

Mario Bouza, Willie D. Brown, Jr., John Casey, Carolyn G. McAllister, Pat Staffelbach

CULTURAL COMMISSION

Loretta Beavers, Harbir K. Bhatia, Debra Von Huene, Eversley Forte, Louis Samara, Niha Mathur, Kendra Fehrer

HISTORICAL & LANDMARKS COMMISSION

Nancy A. Biagini, Priya Cherukuru, Stephen Estes, Brian Johns, Patricia Leung, Regina "Jeannie" Mahan, J.L. "Spike" Standifer

HOUSING REHABILITATION LOAN

COMMITTEE

Councilmember Teresa O'Neill, Michael Louis Ferrito, Carmen Pascual, Bianca Wilczoch

PARKS AND RECREATION COMMISSION

Charles "Chuck" Blair, George Guerra, Andrew Knaack, Roseann Alderete LaCoursiere, Joe Martinez, Tino Silva, Kevan Michael Walke

PLANNING COMMISSION

Raj Chahal, Yuki Ikezi, Sudhanshu Jain, Brandon Reinhardt, Steve Kelly, Michael O'Halloran, Jan-Yu Weng

SENIOR ADVISORY COMMISSION

Wanda Buck, Alma M. Garcia, Barbara "Bobbi" A. Estrada, Carolyn Seeger, Grant L. McCauley, Samuel Orme, Nancy Toledo

YOUTH COMMISSION

Nithyashri Baskaran, Antonio Davila, Ria Grewal, Genevieve Iben, Icko Iben, Ahmed Iftekhhar, Caroline Kloes, Alicia Luong, Damarah Madriaga, Pyper Olsen, Tamara Pantic, Catherine Petersen, Alyssa Riley, Meera Suresh, Ryan Winter

As of July 1, 2017

EXECUTIVE MANAGEMENT TEAM

CITY MANAGER
Rajeev Batra

CITY CLERK/CITY AUDITOR
Rod Diridon, Jr.

INTERIM CITY ATTORNEY
Brian Doyle

ASSISTANT CITY MANAGER
Ruth Shikada

ASSISTANT CITY MANAGER
Vacant

ASSISTANT CITY MANAGER
Vacant

DEPUTY CITY MANAGER
Vacant

STADIUM OVERSIGHT MANAGER
Vacant

COMMUNITY RELATIONS MANAGER
Jennifer Yamaguma

CHIEF OF POLICE
Michael J. Sellers

FIRE CHIEF
William Kelly

DIRECTOR OF HUMAN RESOURCES
Elizabeth Brown

ACTING DIRECTOR OF FINANCE
Angela Kraetsch

DIRECTOR OF INFORMATION TECHNOLOGY
Gaurav Garg

CITY LIBRARIAN
Hilary Keith

DIRECTOR OF PARKS & RECREATION
James Teixeira

ACTING DIRECTOR OF WATER & SEWER UTILITIES
Gary Welling

DIRECTOR OF COMMUNITY DEVELOPMENT
Andrew Crabtree

DIRECTOR OF ELECTRIC UTILITY
John Roukema

DIRECTOR OF PUBLIC WORKS
Alan Kurotori

AWARD - EXCELLENCE IN CAPITAL BUDGETING

*California Society of
Municipal Finance Officers*

Certificate of Award

***Capital Budget Excellence Award
Fiscal Year 2016-2017***

Presented to the

City of Santa Clara

For meeting the criteria established to achieve the Capital Budget Excellence Award.

January 31, 2017



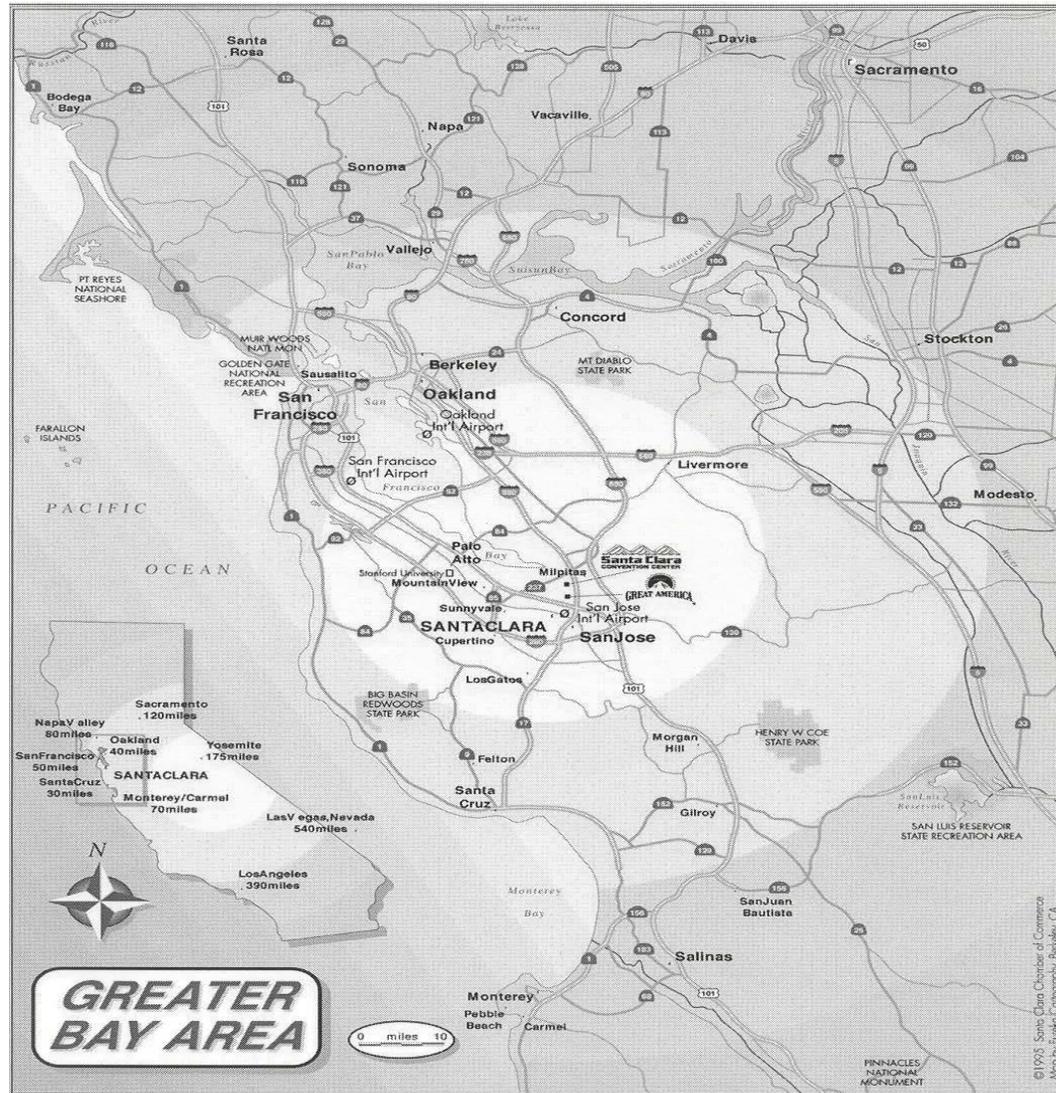
*John Adams
CSMFO President*

*Craig Boyer, Chair
Professional Standards and
Recognition Committee*

Dedicated Excellence in Municipal Financial Reporting

CITY OF SANTA CLARA PROFILE AND LOCATION MAP

The City of Santa Clara, also known as the Mission City, is a charter city incorporated in 1852 under the laws of the State of California. The City is located in the County of Santa Clara, California, approximately 45 miles southeast of San Francisco and three miles north of downtown San Jose. It is situated in the northern part of the County and occupies approximately 18.41 square miles. The City's population of 123,983 accounts for 6.40% of the total County population. Santa Clara is headquarters to many of the nation's leading telecommunications, electronics, computer and semiconductor firms.



2017-18 BUDGET CALENDAR

January 23	City Manager's Capital Improvement Program (CIP) Budget Message with Department Directors and Kick-off Meeting
February 10	CIP Budget Submittals Due to Finance Department
February 13	Citizen Advisory Committee meeting to receive members input on budget priorities
February 21	Joint study session to receive Council and public input on budget priorities
February 27 thru March 17	City Manager Meetings of Capital Budget Submissions
April 4	Study session to receive Council and public input on the proposed Municipal Fee Schedule
April 18	Public Hearing and adoption of the proposed Municipal Fee Schedule
May 16	Joint study session to review proposed Capital Improvement Program Budget and Five-Year Financial Plan
May 22	Citizen Advisory Committee meeting to receive feedback on the proposed 2017-18 Capital Improvement Program Budget
June 13	Public hearing and adoption of proposed Annual Operating and Capital Improvement Program budgets

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City of Santa Clara

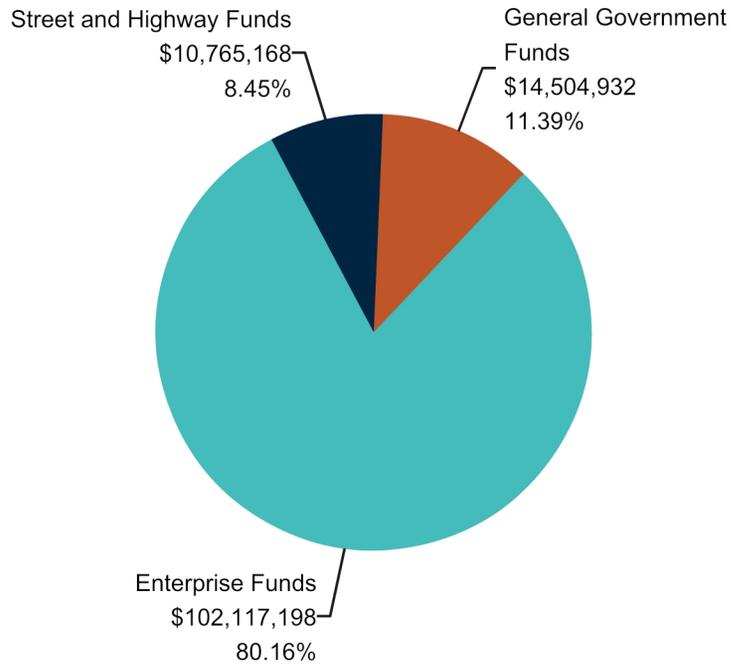
The Center of What's Possible

Summaries

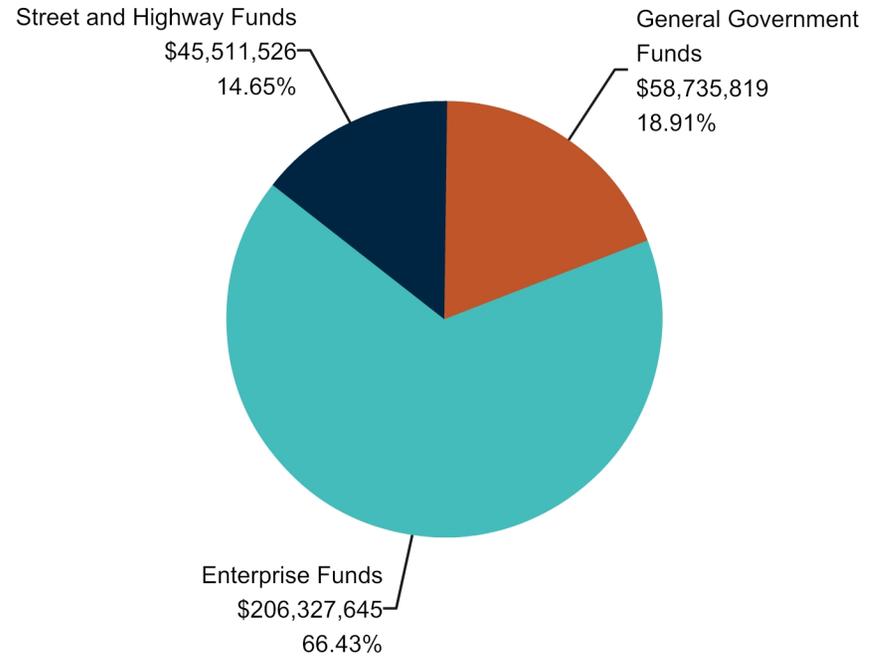
SUMMARY BY FUND TYPE

Fund Type	Carryforward	2017-18	2017-18 Total Available Balance	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Street and Highway Funds	\$ 34,746,358	\$ 10,765,168	\$ 45,511,526	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	\$ 83,007,521
General Government Funds	44,230,887	14,504,932	58,735,819	15,858,850	9,601,276	5,011,700	5,032,126	3,942,550	98,182,321
Enterprise Funds	104,210,447	102,117,198	206,327,645	84,188,889	89,634,475	77,630,238	37,907,134	42,599,000	538,287,381
Total - All City Funds	\$ 183,187,693	\$ 127,387,298	\$ 310,574,991	\$ 111,231,829	\$ 105,724,799	\$ 89,206,895	\$ 49,480,438	\$ 53,258,272	\$ 719,477,224

2017-18 Budget Summary by Fund Type



Total Available Balance 2017-18 Summary by Fund Type



FUND SUMMARY BY FUND TYPE

Fund Type	Carryforward	2017-18	2017-18 Total Available Balance	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Street and Highway Funds									
521 - Special Gas Tax	\$ 13,263,603	\$ 2,552,623	\$ 15,816,226	\$ 2,740,590	\$ 1,764,548	\$ 1,823,457	\$ 1,782,678	\$ 1,842,222	\$ 25,769,721
525 - Traffic Mitigation	11,574,731	2,532,544	14,107,275	868,500	874,500	881,500	888,500	994,500	18,614,775
531 - Street Beautification	261,321	126,200	387,521	80,000	80,000	80,000	80,000	80,000	787,521
533 - Streets and Highways	9,646,703	5,553,801	15,200,504	7,495,000	3,770,000	3,780,000	3,790,000	3,800,000	37,835,504
Subtotal	\$ 34,746,358	\$ 10,765,168	\$ 45,511,526	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	\$ 83,007,521
General Government Funds									
532 - Parks and Recreation	\$ 20,010,424	\$ 4,913,631	\$ 24,924,055	\$ 2,750,850	\$ 2,441,276	\$ 356,700	\$ 372,126	\$ 392,550	\$ 31,237,557
535 - Storm Drains	3,523,297	840,000	4,363,297	6,805,000	550,000	1,150,000	550,000	850,000	14,268,297
536 - Fire Department	1,900,620	416,900	2,317,520	323,000	475,000	130,000	135,000	140,000	3,520,520
537 - Library	2,829,596	783,000	3,612,596	—	—	—	—	—	3,612,596
538 - Public Buildings	2,259,422	2,025,000	4,284,422	1,850,000	2,235,000	1,475,000	1,875,000	860,000	12,579,422
539 - General Government - Other	13,707,529	5,526,401	19,233,930	4,130,000	3,900,000	1,900,000	2,100,000	1,700,000	32,963,930
Subtotal	\$ 44,230,887	\$ 14,504,932	\$ 58,735,819	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 98,182,321
Enterprise Funds									
534 - Street Lighting	\$ 6,328,872	\$ —	\$ 6,328,872	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 6,828,872
591 - Electric Utility	64,711,921	55,465,200	120,177,121	38,191,400	36,996,400	27,300,400	17,217,600	16,420,000	256,302,921
592 - Water Utility	6,023,335	6,017,500	12,040,835	5,440,000	4,510,000	4,825,000	4,890,000	4,485,000	36,190,835
593 - Cemetery	72,910	35,175	108,085	64,200	16,575	74,100	17,625	—	280,585
594 - Sewer Utility	25,708,710	39,583,323	65,292,033	39,773,289	47,371,500	44,670,738	15,001,909	21,444,000	233,553,469
596 - Solid Waste	1,114,700	866,000	1,980,700	470,000	490,000	510,000	530,000	—	3,980,700
597 - Recycled Water	250,000	150,000	400,000	150,000	150,000	150,000	150,000	150,000	1,150,000
Subtotal	\$ 104,210,447	\$ 102,117,198	\$ 206,327,645	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 538,287,381
Total - All City Funds	\$ 183,187,693	\$ 127,387,298	\$ 310,574,991	\$ 111,231,829	\$ 105,724,799	\$ 89,206,895	\$ 49,480,438	\$ 53,258,272	\$ 719,477,224

Totals may not add due to rounding.

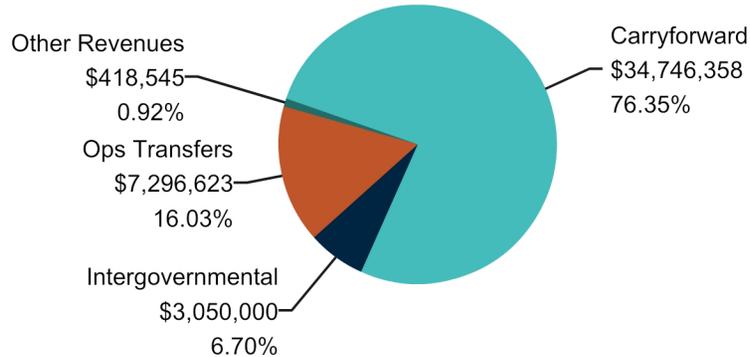
STREET AND HIGHWAY FUNDS

Summary by Category

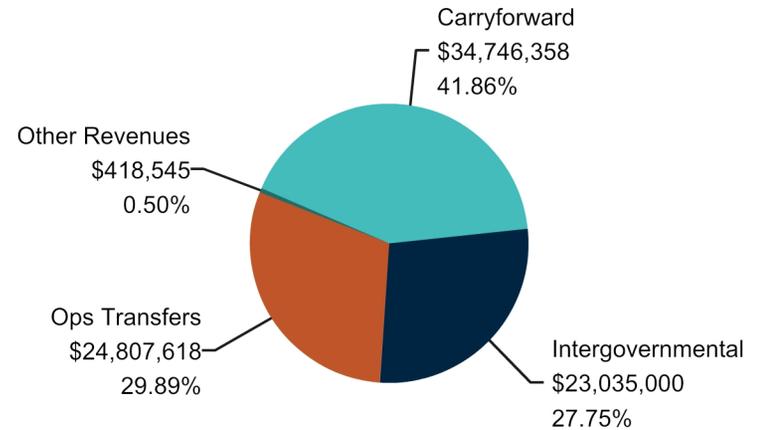
Financing Sources	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental	\$ 3,050,000	\$ 6,985,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 23,035,000
Ops Transfers	7,296,623	4,199,090	3,239,048	3,314,957	3,291,178	3,466,722	24,807,618
Other Revenues	418,545	—	—	—	—	—	418,545
Subtotal - Financing Sources	\$ 10,765,168	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	\$ 48,261,163
Carryforward	\$ 34,746,358	—	—	—	—	—	34,746,358
Total - Financing Sources	\$ 45,511,526	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	\$ 83,007,521

Appropriations	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Appropriations	\$ 10,440,168	\$ 23,403,790	\$ 18,178,779	\$ 18,291,130	\$ 18,304,886	\$ 18,519,091	\$ 107,137,844
Salary Accounts	325,000	185,300	185,609	185,927	186,255	186,593	1,254,684
Subtotal - Appropriations	\$ 10,765,168	\$ 23,589,090	\$ 18,364,388	\$ 18,477,057	\$ 18,491,141	\$ 18,705,684	\$ 108,392,528
Less: Deferred/Unfunded	—	(12,405,000)	(11,875,340)	(11,912,100)	(11,949,963)	(11,988,962)	(60,131,365)
Carryforward	34,746,358	—	—	—	—	—	34,746,358
Total - Appropriations	\$ 45,511,526	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	\$ 83,007,521

Financing Sources 2017-18



Total Financing Sources



STREET AND HIGHWAY FUNDS

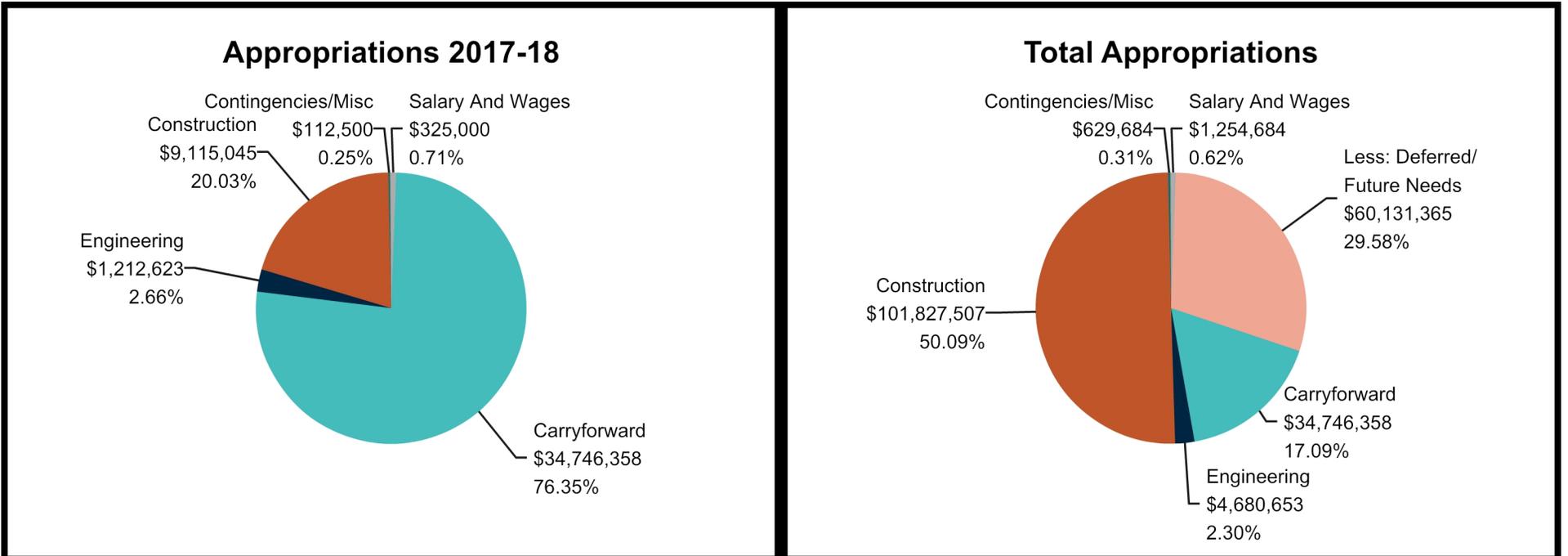
Financing Sources - Summary by Category

Financing Sources	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental							
55100 - Vehicle Registration Fees	\$ 750,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	5,500,000
55150 - VTA Measure B	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000
55580 - Grant Funding	—	3,735,000	—	—	—	—	3,735,000
Subtotal	\$ 3,050,000	\$ 6,985,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	23,035,000
Ops Transfers							
59902 - Trs In - Gas Tax	\$ 757,500	\$ —	\$ —	\$ —	\$ —	\$ —	757,500
59912 - Trs In - Electric	25,000	25,000	25,000	25,000	25,000	25,000	150,000
59913 - Trs In - Capital Proj Reserves	155,000	155,000	155,000	155,000	155,000	155,000	930,000
59920 - Distinct Trs In - Misc	64,000	40,000	40,000	40,000	40,000	40,000	264,000
59941 - Intra Trs In - Dev Contrbtns	2,210,000	370,000	—	—	—	—	2,580,000
59943 - Intra Trs In - Trfc Mit Fees	1,532,500	868,500	874,500	881,500	888,500	994,500	6,040,000
59944 - Intra Trs In - Gas Tax	2,552,623	2,740,590	2,144,548	2,213,457	2,182,678	2,252,222	14,086,118
Subtotal	\$ 7,296,623	\$ 4,199,090	\$ 3,239,048	\$ 3,314,957	\$ 3,291,178	\$ 3,466,722	24,807,618
Other Revenues							
59000 - Developer Contributions	\$ 418,545	\$ —	\$ —	\$ —	\$ —	\$ —	418,545
Subtotal	\$ 418,545	\$ —	\$ —	\$ —	\$ —	\$ —	418,545
Subtotal - Financing Sources							
	\$ 10,765,168	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	48,261,163
Carryforward Balance	34,746,358	—	—	—	—	—	34,746,358
Total - Financing Sources	\$ 45,511,526	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	83,007,521

STREET AND HIGHWAY FUNDS

Appropriations - Summary by Category

Appropriations	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
80100 - Engineering	\$ 1,212,623	\$ 1,169,090	\$ 555,943	\$ 568,194	\$ 580,857	\$ 593,946	\$ 4,680,653
80300 - Construction	9,115,045	22,131,900	17,519,727	17,619,509	17,620,274	17,821,052	101,827,507
80400 - Contingencies/Misc	112,500	102,800	103,109	103,427	103,755	104,093	629,684
Subtotal	\$ 10,440,168	\$ 23,403,790	\$ 18,178,779	\$ 18,291,130	\$ 18,304,886	\$ 18,519,091	\$ 107,137,844
Salary Accounts							
87010 - Salary And Wages - Regular	\$ 315,000	\$ 175,300	\$ 175,609	\$ 175,927	\$ 176,255	\$ 176,593	\$ 1,194,684
87020 - Salary And Wages - As Needed	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Subtotal	\$ 325,000	\$ 185,300	\$ 185,609	\$ 185,927	\$ 186,255	\$ 186,593	\$ 1,254,684
Subtotal - Appropriations	\$ 10,765,168	\$ 23,589,090	\$ 18,364,388	\$ 18,477,057	\$ 18,491,141	\$ 18,705,684	\$ 108,392,528
Less: Deferred/Unfunded	—	(12,405,000)	(11,875,340)	(11,912,100)	(11,949,963)	(11,988,962)	(60,131,365)
Carryforward Balance	34,746,358	—	—	—	—	—	34,746,358
Total - Appropriations	\$ 45,511,526	\$ 11,184,090	\$ 6,489,048	\$ 6,564,957	\$ 6,541,178	\$ 6,716,722	\$ 83,007,521



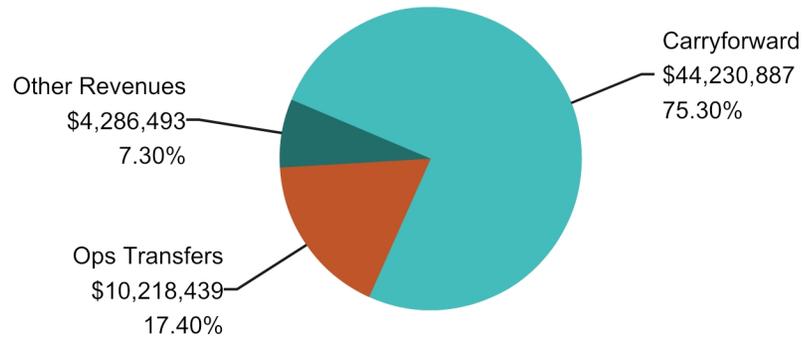
GENERAL GOVERNMENT FUNDS

Summary by Category

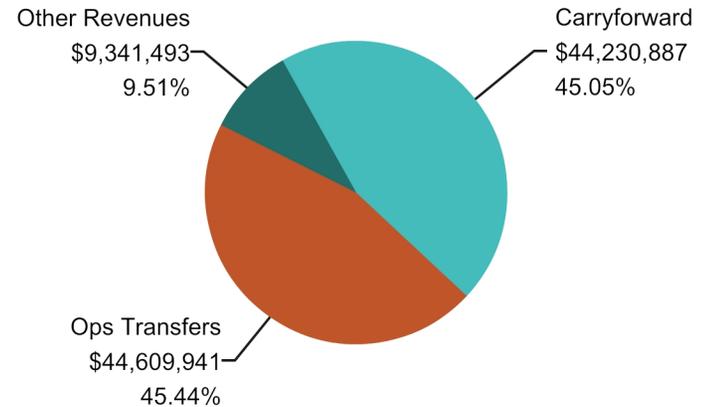
Financing Sources	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Ops Transfers	\$ 10,218,439	\$ 13,383,850	\$ 7,386,276	\$ 4,891,700	\$ 4,912,126	\$ 3,817,550	\$ 44,609,941
Other Revenues	4,286,493	2,475,000	2,215,000	120,000	120,000	125,000	9,341,493
Subtotal - Financing Sources	\$ 14,504,932	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 53,951,434
Carryforward	\$ 44,230,887	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 44,230,887
Total - Financing Sources	\$ 58,735,819	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 98,182,321

Appropriations	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Appropriations	\$ 14,304,530	\$ 80,726,775	\$ 111,845,388	\$ 74,619,650	\$ 37,704,313	\$ 14,403,475	\$ 333,604,131
Salary Accounts	200,402	430,075	600,388	223,550	183,813	134,075	1,772,303
Subtotal - Appropriations	\$ 14,504,932	\$ 81,156,850	\$ 112,445,776	\$ 74,843,200	\$ 37,888,126	\$ 14,537,550	\$ 335,376,434
Less: Deferred/Unfunded	—	(65,298,000)	(102,844,500)	(69,831,500)	(32,856,000)	(10,595,000)	(281,425,000)
Carryforward	44,230,887	—	—	—	—	—	44,230,887
Total - Appropriations	\$ 58,735,819	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 98,182,321

Financing Sources 2017-18



Total Financing Sources



GENERAL GOVERNMENT FUNDS

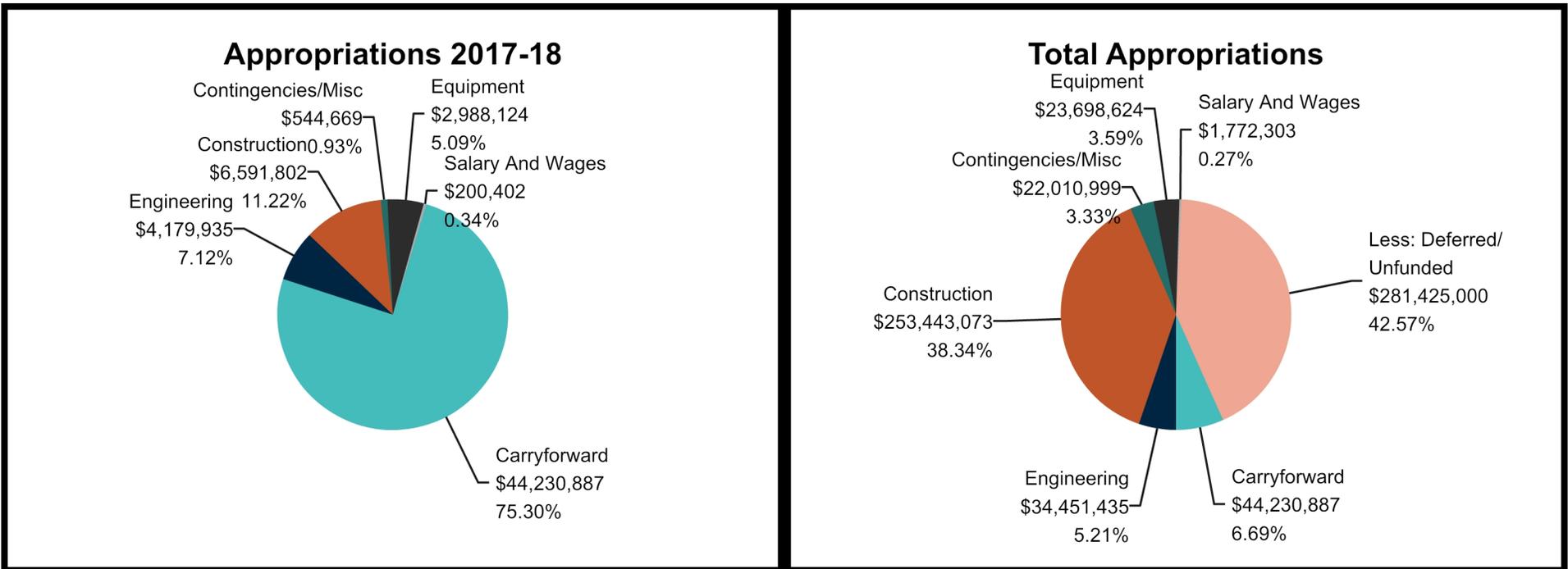
Financing Sources - Summary by Category

Financing Sources	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Ops Transfers							
59900 - Trs In - Miscellaneous	\$ 65,410	\$ —	\$ —	\$ —	\$ —	\$ —	65,410
59903 - Trs In - Auto	243,316	10,000	—	—	—	—	253,316
59904 - Trs In - Cemetery	3,602	11,569	11,569	2,892	2,892	2,892	35,416
59907 - Trs In - Solid Waste	61,563	133,180	133,180	49,420	49,420	49,420	476,183
59908 - Trs In - Storm Drain	1,000	1,000	1,000	1,000	1,000	1,000	6,000
59909 - Trs In - Sewer	94,917	121,154	121,154	83,539	83,539	83,539	587,842
59911 - Trs In - Water	331,700	262,294	261,873	151,343	151,343	151,343	1,309,896
59912 - Trs In - Electric	968,298	976,469	923,735	799,934	599,934	599,934	4,868,304
59913 - Trs In - Capital Proj Reserves	6,829,113	11,443,380	5,608,961	3,434,871	3,755,297	2,860,721	33,932,343
59914 - Trs In - Bldg Insp Reserves	909,520	124,804	74,804	18,701	18,701	18,701	1,165,231
59941 - Intra Trs In - Dev Contrbtns	710,000	50,000	250,000	50,000	250,000	50,000	1,360,000
59945 - Intra Trs In - Cust Srvc Chrg	—	250,000	—	300,000	—	—	550,000
Subtotal	\$ 10,218,439	\$ 13,383,850	\$ 7,386,276	\$ 4,891,700	\$ 4,912,126	\$ 3,817,550	\$ 44,609,941
Other Revenues							
56220 - Quimby Act Fees	\$ 966,448	\$ 1,315,000	\$ 1,215,000	\$ 120,000	\$ 120,000	\$ 125,000	3,861,448
56230 - Mitigation Fee Act	3,318,739	1,160,000	1,000,000	—	—	—	5,478,739
59650 - Donations	1,306	—	—	—	—	—	1,306
Subtotal	\$ 4,286,493	\$ 2,475,000	\$ 2,215,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 9,341,493
Subtotal - Financing Sources	\$ 14,504,932	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 53,951,434
Carryforward Balance	44,230,887	—	—	—	—	—	44,230,887
Total - Financing Sources	\$ 58,735,819	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 98,182,321

GENERAL GOVERNMENT FUNDS

Appropriations - Summary by Category

Appropriations	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
80100 - Engineering	\$ 4,179,935	\$ 22,398,250	\$ 3,052,625	\$ 1,826,000	\$ 1,571,875	\$ 1,422,750	\$ 34,451,435
80300 - Construction	6,591,802	47,069,015	93,561,943	64,267,150	31,242,438	10,710,725	253,443,073
80400 - Contingencies/Misc	544,669	3,768,510	8,653,820	5,785,000	2,544,000	715,000	22,010,999
80500 - Equipment	2,988,124	7,491,000	6,577,000	2,741,500	2,346,000	1,555,000	23,698,624
Subtotal	\$ 14,304,530	\$ 80,726,775	\$ 111,845,388	\$ 74,619,650	\$ 37,704,313	\$ 14,403,475	\$ 333,604,131
Salary Accounts							
87010 - Salary And Wages - Regular	\$ 200,402	\$ 430,075	\$ 600,388	\$ 223,550	\$ 183,813	\$ 134,075	\$ 1,772,303
Subtotal	\$ 200,402	\$ 430,075	\$ 600,388	\$ 223,550	\$ 183,813	\$ 134,075	\$ 1,772,303
Subtotal - Appropriations	\$ 14,504,932	\$ 81,156,850	\$ 112,445,776	\$ 74,843,200	\$ 37,888,126	\$ 14,537,550	\$ 335,376,434
Less: Deferred/Unfunded	—	(65,298,000)	(102,844,500)	(69,831,500)	(32,856,000)	(10,595,000)	(281,425,000)
Carryforward Balance	44,230,887	—	—	—	—	—	44,230,887
Total - Appropriations	\$ 58,735,819	\$ 15,858,850	\$ 9,601,276	\$ 5,011,700	\$ 5,032,126	\$ 3,942,550	\$ 98,182,321



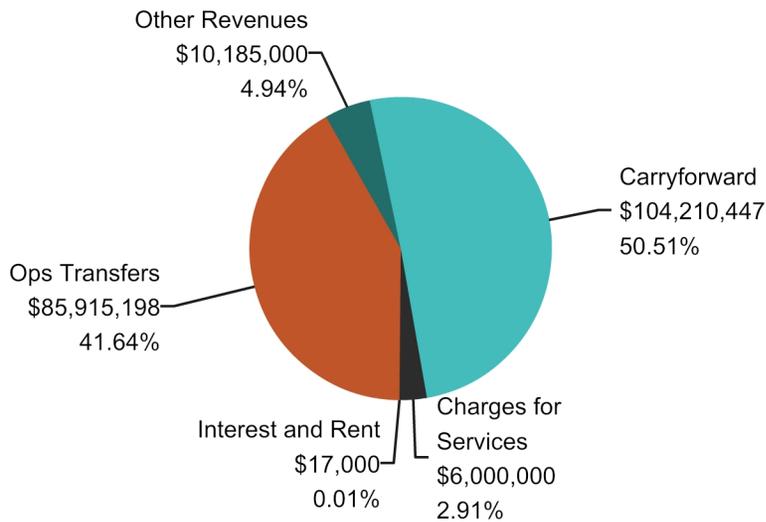
ENTERPRISE FUNDS

Summary by Category

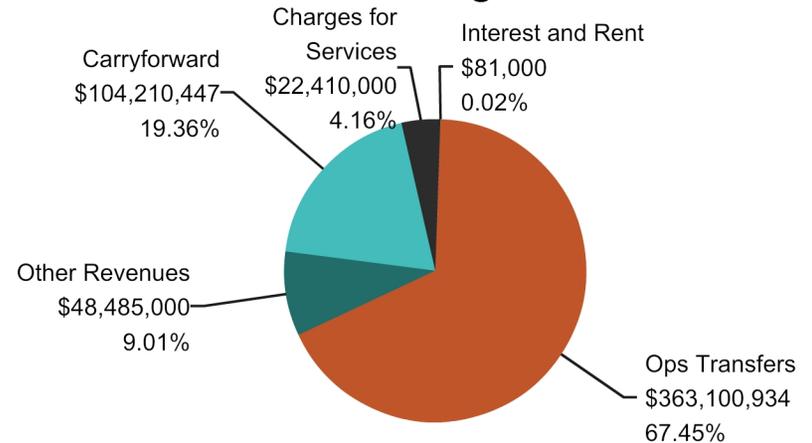
Financing Sources	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services	\$ 6,000,000	\$ 3,056,000	\$ 3,058,000	\$ 3,060,000	\$ 4,172,000	\$ 3,064,000	\$ 22,410,000
Interest and Rent	17,000	16,000	16,000	16,000	16,000	—	81,000
Ops Transfers	85,915,198	75,136,889	70,610,475	69,234,238	28,479,134	33,725,000	363,100,934
Other Revenues	10,185,000	5,980,000	15,950,000	5,320,000	5,240,000	5,810,000	48,485,000
Subtotal - Financing Sources	\$ 102,117,198	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 434,076,934
Carryforward	\$ 104,210,447	\$ —	\$ —	\$ —	\$ —	\$ —	104,210,447
Total - Financing Sources	\$ 206,327,645	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 538,287,381

Appropriations	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Appropriations	\$ 101,341,898	\$ 83,664,439	\$ 89,111,875	\$ 77,089,488	\$ 37,259,234	\$ 42,045,500	\$ 430,512,434
Salary Accounts	775,300	524,450	522,600	540,750	647,900	553,500	3,564,500
Subtotal - Appropriations	\$ 102,117,198	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 434,076,934
Carryforward	104,210,447	—	—	—	—	—	104,210,447
Total - Appropriations	\$ 206,327,645	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 538,287,381

Financing Sources 2017-18



Total Financing Sources



ENTERPRISE FUNDS

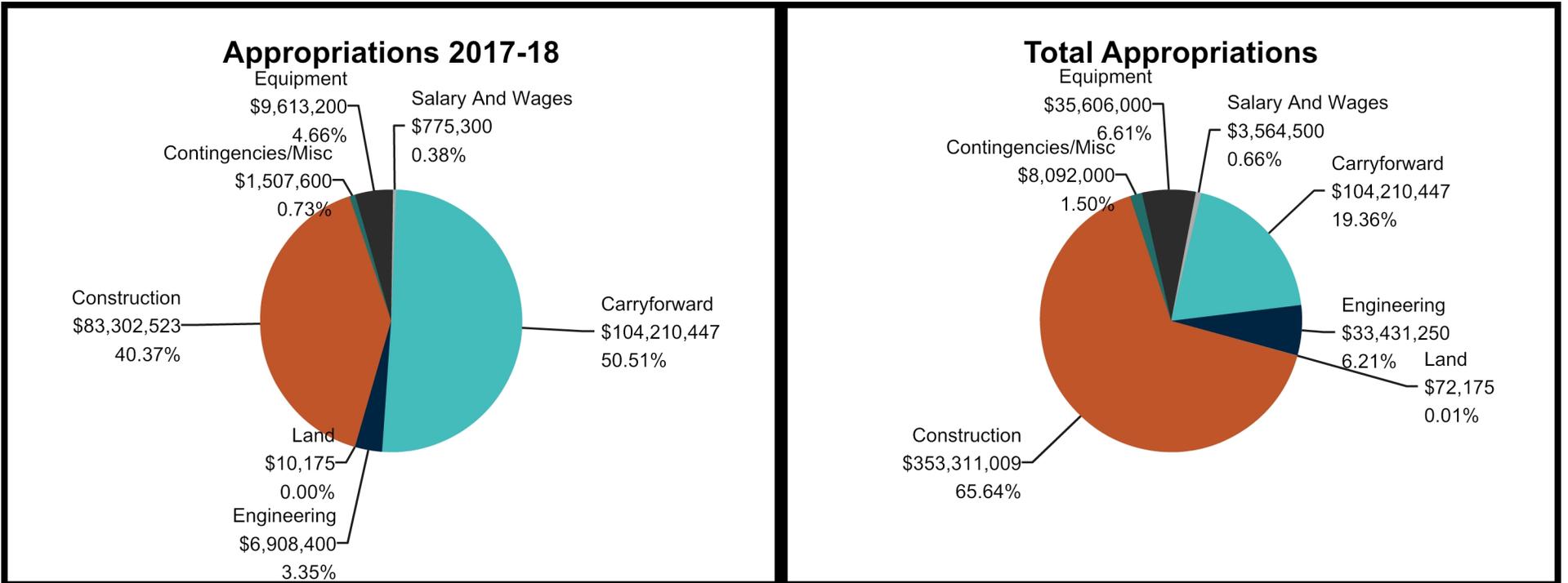
Financing Sources - Summary by Category

Financing Sources	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services							
56240 - Sanitary Outlet Charge	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	300,000
56270 - Sewer Conveyance Fee	6,000,000	3,000,000	3,000,000	3,000,000	4,110,000	3,000,000	22,110,000
Subtotal	\$ 6,000,000	\$ 3,056,000	\$ 3,058,000	\$ 3,060,000	\$ 4,172,000	\$ 3,064,000	\$ 22,410,000
Interest and Rent							
54750 - Lease Revenues	\$ 17,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ —	81,000
Subtotal	\$ 17,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ —	\$ 81,000
Ops Transfers							
59907 - Trs In - Solid Waste	\$ 21,500	\$ 129,000	\$ 182,750	\$ 182,750	\$ —	\$ —	516,000
59908 - Trs In - Storm Drain	1,000	6,000	8,500	8,500	—	—	24,000
59909 - Trs In - Sewer	546,000	276,000	391,000	391,000	—	—	1,604,000
59911 - Trs In - Water	539,500	237,000	335,750	335,750	—	—	1,448,000
59912 - Trs In - Electric	392,000	2,352,000	3,332,000	3,332,000	—	—	9,408,000
59921 - Distinct Trs In - Loan	30,175	58,850	5,525	62,700	5,875	—	163,125
59940 - Intra Trs In - Miscellaneous	17,005,000	5,350	11,050	11,400	11,750	—	17,044,550
59942 - Intra Trs In - Debt Financing	—	—	12,500,000	15,000,000	—	—	27,500,000
59945 - Intra Trs In - Cust Svc Chrg	66,830,023	64,722,689	46,493,900	49,360,138	27,911,509	33,425,000	288,743,259
59946 - Intra Trs In - Electric Fiber	300,000	300,000	300,000	300,000	300,000	—	1,500,000
59948 - Intra Trs In - Electric (CRF)	250,000	7,050,000	7,050,000	250,000	250,000	300,000	15,150,000
Subtotal	\$ 85,915,198	\$ 75,136,889	\$ 70,610,475	\$ 69,234,238	\$ 28,479,134	\$ 33,725,000	\$ 363,100,934
Other Revenues							
56200 - Connection Charges	\$ 5,200,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	11,200,000
59000 - Developer Contributions	4,985,000	4,480,000	14,450,000	4,320,000	4,240,000	4,810,000	37,285,000
Subtotal	\$ 10,185,000	\$ 5,980,000	\$ 15,950,000	\$ 5,320,000	\$ 5,240,000	\$ 5,810,000	\$ 48,485,000
Subtotal - Financing Sources	\$ 102,117,198	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 434,076,934
Carryforward Balance	104,210,447	—	—	—	—	—	104,210,447
Total - Financing Sources	\$ 206,327,645	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 538,287,381

ENTERPRISE FUNDS

Appropriations - Summary by Category

Appropriations	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
80100 - Engineering	\$ 6,908,400	\$ 7,112,350	\$ 6,929,800	\$ 6,017,250	\$ 2,997,700	\$ 3,465,750	\$ 33,431,250
80200 - Land	10,175	10,700	16,575	17,100	17,625	—	72,175
80300 - Construction	83,302,523	72,990,089	73,333,900	64,028,238	28,647,509	31,008,750	353,311,009
80400 - Contingencies/Misc	1,507,600	1,363,900	1,629,200	1,634,500	1,022,800	934,000	8,092,000
80500 - Equipment	9,613,200	2,187,400	7,202,400	5,392,400	4,573,600	6,637,000	35,606,000
Subtotal	\$ 101,341,898	\$ 83,664,439	\$ 89,111,875	\$ 77,089,488	\$ 37,259,234	\$ 42,045,500	\$ 430,512,434
Salary Accounts							
87010 - Salary And Wages - Regular	\$ 775,300	\$ 524,450	\$ 522,600	\$ 540,750	\$ 647,900	\$ 553,500	\$ 3,564,500
Subtotal	\$ 775,300	\$ 524,450	\$ 522,600	\$ 540,750	\$ 647,900	\$ 553,500	\$ 3,564,500
Subtotal - Appropriations	\$ 102,117,198	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 434,076,934
Carryforward Balance	104,210,447	—	—	—	—	—	104,210,447
Total - Appropriations	\$ 206,327,645	\$ 84,188,889	\$ 89,634,475	\$ 77,630,238	\$ 37,907,134	\$ 42,599,000	\$ 538,287,381



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City of Santa Clara

The Center of What's Possible

Street and Highway Funds

- **Fund 521 – Special Gas Tax**
- **Fund 525 – Traffic Mitigation**
- **Fund 531 – Street Beautification**
- **Fund 533 – Streets and Highways**

Fund 521

Special Gas Tax



Projects related to ongoing street rehabilitation, resurfacing, and traffic signal infrastructure maintenance projects.



Financing Sources:
– Gas Tax

FUND 521 - SPECIAL GAS TAX

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Intra Trs In - Gas Tax	59944 \$ 19,137,754	\$ 2,552,623	\$ 2,740,590	\$ 1,764,548	\$ 1,823,457	\$ 1,782,678	\$ 1,842,222	\$ 31,643,872
Subtotal	\$ 19,137,754	\$ 2,552,623	\$ 2,740,590	\$ 1,764,548	\$ 1,823,457	\$ 1,782,678	\$ 1,842,222	\$ 31,643,872
Total Financing Sources	\$ 19,137,754	\$ 2,552,623	\$ 2,740,590	\$ 1,764,548	\$ 1,823,457	\$ 1,782,678	\$ 1,842,222	\$ 31,643,872

* Amount represents cumulative appropriations since project inception.

FUND 521 - SPECIAL GAS TAX

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 555,718	\$ 392,623	\$ 414,090	\$ 425,943	\$ 438,194	\$ 450,857	\$ 463,946	\$ 3,141,371
Construction	80300 17,110,508	2,080,000	3,960,900	2,442,727	2,525,509	2,509,274	2,594,052	33,222,970
Contingency	80400 549,070	20,000	30,300	30,609	30,927	31,255	31,593	723,754
Equipment	80500 23,088	—	—	—	—	—	—	23,088
Salary And Wages	87010 899,370	60,000	90,300	90,609	90,927	91,255	91,593	1,414,054
Subtotal Appropriations	\$ 19,137,754	\$ 2,552,623	\$ 4,495,590	\$ 2,989,888	\$ 3,085,557	\$ 3,082,641	\$ 3,181,184	\$ 38,525,237
Less: Deferred/Unfunded**		—	(1,755,000)	(1,225,340)	(1,262,100)	(1,299,963)	(1,338,962)	(6,881,365)
Total Appropriations	\$ 19,137,754	\$ 2,552,623	\$ 2,740,590	\$ 1,764,548	\$ 1,823,457	\$ 1,782,678	\$ 1,842,222	\$ 31,643,872
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 1,750,000	\$ 4,103,000	\$ 106,090	\$ 109,272	\$ 112,550	\$ 6,180,912
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 521 - SPECIAL GAS TAX

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Distinct	1409	Traffic Signal Modification - El Camino-Lafayette	\$ 80,000	\$ 1,060	\$ 78,940	\$ —	\$ 78,940
Ongoing	1462	Neighborhood Traffic Calming	1,307,252	621,985	685,267	—	685,267
Ongoing	1464	LED Traffic Signal & Safety Light Replacements	1,000,000	593,308	406,692	—	406,692
Ongoing	1468	Annual Street Maintenance and Rehabilitation Program	8,865,731	2,742,845	6,122,886	1,160,000	7,282,886
Distinct	1516	Annexed Neighborhood Street Improvements	1,500,000	35,564	1,464,436	—	1,464,436
Distinct	1652	Calabazas Creek Bridge Replacement	650,000	628,632	21,368	—	21,368
Work Order	3401	Santa Clara Valley Transportation Authority - Congestion Management Program	—	—	—	237,623	237,623
Distinct	3402	Cypress Avenue Area Streets Improvement	945,000	71,643	873,357	—	873,357
Ongoing	3403	Uncontrolled Crosswalks Improvements	1,155,000	5,578	1,149,422	1,155,000	2,304,422
Distinct	3405	Changeable Message Signs	1,585,000	—	1,585,000	—	1,585,000
Ongoing	3423	Replacement of Underground Traffic Signal Infrastructure	161,640	91,518	70,122	—	70,122
Distinct	3424	El Camino Real In-Pavement Warning Lights Crosswalk	1,238,131	1,082,017	156,114	—	156,114
Distinct	3425	Traffic Signal Installation – Pruneridge Ave/Cronin Dr Intersection	650,000	—	650,000	—	650,000
Total			\$ 19,137,754	\$ 5,874,151	\$ 13,263,603	\$ 2,552,623	\$ 15,816,226

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 1409 Traffic Signal Modification - El Camino-Lafayette

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: El Camino Real @ Lafayette St.

Description: Modify existing traffic signal to provide double left turn movement in southbound direction along Lafayette Street.

Justification: To encourage southbound Lafayette St. traffic to use El Camino Real and to provide adequate lane storage for left turns.

Duration: Q1 1999 to Q4 2020

Status: Design to start with City Place project.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	1,060
Estimated Carryforward into 2017-18	\$	78,940
Total Available Appropriations	\$	78,940

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 80,000
Total	\$ 80,000	\$ —	\$ 80,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 72,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 72,500
80400 - Contingencies/Misc	3,500	—	—	—	—	—	—	3,500
87010 - Salary And Wages - Regular	4,000	—	—	—	—	—	—	4,000
Subtotal	\$ 80,000	\$ —	\$ 80,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 80,000	\$ —	\$ 80,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 1462 **Neighborhood Traffic Calming**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Study and installation of various traffic calming devices to reduce traffic volumes and speeds on impacted residential streets.

Justification: Neighborhood concerns regarding excess volumes and speed warrant installation of traffic calming devices.

Duration: Q1 2008 to Ongoing

Status: Study, design and construction are as-needed and ongoing.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	621,985
Estimated Carryforward into 2017-18	\$	685,267
Total Available Appropriations	\$	685,267

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 1,307,252	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,057,252
Total	\$ 1,307,252	\$ —	\$ 150,000	\$ 2,057,252				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 153,718	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 203,718
80300 - Construction	963,534	—	120,000	120,000	120,000	120,000	120,000	1,563,534
80400 - Contingencies/ Misc	73,910	—	10,000	10,000	10,000	10,000	10,000	123,910
87010 - Salary And Wages - Regular	116,090	—	10,000	10,000	10,000	10,000	10,000	166,090
Subtotal	\$ 1,307,252	\$ —	\$ 150,000	\$ 2,057,252				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,307,252	\$ —	\$ 150,000	\$ 2,057,252				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 1464 LED Traffic Signal & Safety Light Replacements

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2016-17	\$	593,308
Estimated Carryforward into 2017-18	\$	406,692
Total Available Appropriations	\$	406,692

Description: Replace failing light-emitting diode (LED) traffic signal heads and replacement of High Pressure Sodium (HPS) to LED safety lights.

Justification: LED traffic signal heads have exceeded their expected life and will need to be replaced on a seven-year life cycle. Replacement of old HPS safety lights with energy efficient LED safety lights.

Duration: Q3 2008 to Ongoing

Status: Design and replacement are as-needed and ongoing.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 1,000,000	\$ —	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000
Total	\$ 1,000,000	\$ —	\$ 200,000	\$ 2,000,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 768,409	\$ —	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 1,668,409
80500 - Equipment	23,088	—	—	—	—	—	—	23,088
87010 - Salary And Wages - Regular	208,503	—	20,000	20,000	20,000	20,000	20,000	308,503
Subtotal	\$ 1,000,000	\$ —	\$ 200,000	\$ 2,000,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,000,000	\$ —	\$ 200,000	\$ 2,000,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 1468 **Annual Street Maintenance and Rehabilitation Program**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2016-17	\$ 2,742,845
Estimated Carryforward into 2017-18	\$ 6,122,886
Total Available Appropriations	\$ 7,282,886

Description: Resurface existing streets with asphalt concrete or slurry seal. Remove and replace failed concrete and asphalt concrete pavement, curbs, gutters, sidewalks, driveway approaches, and miscellaneous storm drain improvements. Refresh and/or replace worn-out and destroyed traffic striping, markings, signage and inertial barriers. Also, provide local matching funds for State and Federal funded projects.

Justification: Damaged concrete and asphalt concrete pavement, curbs, gutters, sidewalks, driveway approaches, storm drain improvements, traffic striping, markings, signage and inertial barriers create hazards for both motorist and pedestrians, which may become a liability for the City. Prompt repair will remove possible liability, enhance riding quality, provide safe route for pedestrians, and restore positive drainage. Resurfacing and rehabilitation will extend streets' useful life and enhance riding quality.

Duration: Q1 2012 to Ongoing

Status: Design and construction are as-needed and ongoing.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 8,865,731	\$ 1,160,000	\$ 1,160,000	\$ 1,160,000	\$ 1,160,000	\$ 1,160,000	\$ 1,160,000	\$ 15,825,731
Total	\$ 8,865,731	\$ 1,160,000	\$ 15,825,731					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 325,000
80300 - Construction	8,562,152	1,050,000	1,050,000	1,050,000	1,050,000	1,050,000	1,050,000	14,862,152
80400 - Contingencies/ Misc	123,415	10,000	10,000	10,000	10,000	10,000	10,000	183,415
87010 - Salary And Wages - Regular	155,164	50,000	50,000	50,000	50,000	50,000	50,000	455,164
Subtotal	\$ 8,865,731	\$ 1,160,000	\$ 15,825,731					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 8,865,731	\$ 1,160,000	\$ 15,825,731					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 1516 **Annexed Neighborhood Street Improvements**

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Jill Avenue, Rodonovan Drive, Serena Way, Woodland Avenue, El Sobrante Street and Via Dondera Neighborhood.

Estimated Expenditures through 2016-17	\$ 35,564
Estimated Carryforward into 2017-18	\$ 1,464,436
Total Available Appropriations	\$ 1,464,436

Description: Remove and replace sidewalk, driveways, curb, and gutter. Reconstruct streets, including AC overlay, slurry seal, or pavement structure replacement, and related infrastructure such as catch basins, manholes, and valve/monument boxes. Install ADA curb ramps.

Justification: The Jill Avenue, Rodonovan Drive, Serena Way, Woodland Avenue, El Sobrante Street and Via Dondera area was annexed into City similar to South of Forest Neighborhood with existing improvements not meeting City standards. Street upgrade to City standards will improve drainage and increase safety of pedestrians and vehicular traffic.

Duration: Q3 2017 to Q1 2019

Status: Design to start January 2018.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
Total	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 162,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 162,000
80300 - Construction	900,000	—	1,500,000	—	—	—	—	2,400,000
80400 - Contingencies/ Misc	180,000	—	—	—	—	—	—	180,000
87010 - Salary And Wages - Regular	258,000	—	—	—	—	—	—	258,000
Subtotal	\$ 1,500,000	\$ —	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ 3,000,000
Less: Deferred/Unfunded		—	(1,500,000)	—	—	—	—	(1,500,000)
Total	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 1652 Calabazas Creek Bridge Replacement
Project Type: Distinct
Program: 4443
Theme: Public Systems and Facilities
Location: Old Mountain View - Alviso Rd. at Calabazas Creek

Estimated Expenditures through 2016-17	\$ 628,632
Estimated Carryforward into 2017-18	\$ 21,368
Total Available Appropriations	\$ 21,368

Description: Develop plan to replace existing bridge over Calabazas Creek to remediate structural deficiencies. This is a joint project between the city of Sunnyvale and City of Santa Clara with Sunnyvale overseeing the project. Funding is for Santa Clara's portion of grant matching funds.

Justification: The bridge is classified as structurally-deficient by the State Department of Transportation (Caltrans) in its periodic department maintenance and investigations report as of September 2006.

Duration: Q1 2013 to Q4 2018

Status: Cooperative agreement between both cities is complete. Design phase is underway.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 650,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 650,000
Total	\$ 650,000	\$ —	\$ 650,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 564,142	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 564,142
80400 - Contingencies/ Misc	8,245	—	—	—	—	—	—	8,245
87010 - Salary And Wages - Regular	77,613	—	—	—	—	—	—	77,613
Subtotal	\$ 650,000	\$ —	\$ 650,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 650,000	\$ —	\$ 650,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3401 Santa Clara Valley Transportation Authority - Congestion Management Program

Project Type: Work Order

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Congestion Management Program (CMP)

Justification: Valley Transportation Authority (VTA) projects for traffic congestion relief. (Mandated member agency fee). Fees increase 3.5% each year.

Duration: Q1 2018 to Q4 2018

Status: Program underway.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	237,623

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ —	\$ 237,623	\$ 245,940	\$ 254,548	\$ 263,457	\$ 272,678	\$ 282,222	\$ 1,556,468
Total	\$ —	\$ 237,623	\$ 245,940	\$ 254,548	\$ 263,457	\$ 272,678	\$ 282,222	\$ 1,556,468
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 237,623	\$ 245,940	\$ 254,548	\$ 263,457	\$ 272,678	\$ 282,222	\$ 1,556,468
Subtotal	\$ —	\$ 237,623	\$ 245,940	\$ 254,548	\$ 263,457	\$ 272,678	\$ 282,222	\$ 1,556,468
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 237,623	\$ 245,940	\$ 254,548	\$ 263,457	\$ 272,678	\$ 282,222	\$ 1,556,468
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3402 Cypress Avenue Area Streets Improvement

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Cypress Ave., Fernandez Ct., Forest Ave.

Estimated Expenditures through 2016-17	\$ 71,643
Estimated Carryforward into 2017-18	\$ 873,357
Total Available Appropriations	\$ 873,357

Description: Rehabilitation of Cypress Avenue, Fernandez Court, and Forest Avenue, which includes asphalt concrete (AC) pavement reconstruction and AC failure repairs. Scope of work also includes adjustment of utility covers to finished grade, replacement of impacted traffic loop detectors, traffic striping and pavement markings.

Justification: Damaged streets create hazards for both motorists and pedestrians, which may become a City liability. Roadway improvements will eliminate possible liability, enhance riding quality and thereby reducing emissions, provide safe route for pedestrians, and extend useful life of streets. This will meet Council's goal of delivering and enhancing high-quality efficient services and infrastructure.

Duration: Q2 2016 to Q2 2018

Status: Construction phase planned for Spring/Summer 2017.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 945,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 945,000
Total	\$ 945,000	\$ —	\$ 945,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 35,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 35,000
80300 - Construction	700,000	—	—	—	—	—	—	700,000
80100 - Engineering	140,000	—	—	—	—	—	—	140,000
87010 - Salary And Wages - Regular	70,000	—	—	—	—	—	—	70,000
Subtotal	\$ 945,000	\$ —	\$ 945,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 945,000	\$ —	\$ 945,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3403 **Uncontrolled Crosswalks Improvements**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Various locations throughout the City

Description: Project will design and install High-Intensity Activation crossWalk beacon (HAWK), Rectangular Rapid Flash Beacon (RRFB)/In-Pavement Warning Lights, or signals at various uncontrolled crosswalks.

Justification: Enhanced pedestrian warning system will alert drivers of pedestrian's intent to cross the streets and improve safety for pedestrians. This will meet Council's goal of delivering and enhancing high-quality efficient services and infrastructure.

Duration: Q1 2017 to Ongoing

Status: Design and construction are as-needed and ongoing.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 5,578
Estimated Carryforward into 2017-18	\$ 1,149,422
Total Available Appropriations	\$ 2,304,422

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 1,155,000	\$ 1,155,000	\$ 934,650	\$ —	\$ —	\$ —	\$ —	\$ 3,244,650
Total	\$ 1,155,000	\$ 1,155,000	\$ 934,650	\$ —	\$ —	\$ —	\$ —	\$ 3,244,650
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 105,000	\$ 105,000	\$ 108,150	\$ 111,395	\$ 114,737	\$ 118,179	\$ 121,724	\$ 784,185
80300 - Construction	1,030,000	1,030,000	1,060,900	1,092,727	1,125,509	1,159,274	1,194,052	7,692,462
80400 - Contingencies/ Misc	10,000	10,000	10,300	10,609	10,927	11,255	11,593	74,684
87010 - Salary And Wages - Regular	10,000	10,000	10,300	10,609	10,927	11,255	11,593	74,684
Subtotal	\$ 1,155,000	\$ 1,155,000	\$ 1,189,650	\$ 1,225,340	\$ 1,262,100	\$ 1,299,963	\$ 1,338,962	\$ 8,626,015
Less: Deferred/Unfunded		—	(255,000)	(1,225,340)	(1,262,100)	(1,299,963)	(1,338,962)	(5,381,365)
Total	\$ 1,155,000	\$ 1,155,000	\$ 934,650	\$ —	\$ —	\$ —	\$ —	\$ 3,244,650
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3405 **Changeable Message Signs**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Great America Parkway, Lafayette Street, Tasman Drive

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	1,585,000
Total Available Appropriations	\$	1,585,000

Description: Install permanent Changeable Message Signs (CMS) at strategic locations on major corridors in the north of Bayshore area of the City.

Justification: Large overhead CMS are a more effective tool to communicate and direct vehicular traffic and information to a non-repeat visitor base destined for the Convention Center, Mission College, Great America Theme Park, Levi's Stadium, hotels and large corporate businesses. CMS will be capable of informing of detours, lane closures, travel times, parking lot status, directions, and other pertinent information to the traveling public.

Duration: Q1 2017 to Q2 2018

Status: Consultant selected. Design underway.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 1,585,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,585,000
Total	\$ 1,585,000	\$ —	\$ 1,585,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
80300 - Construction	1,500,000	—	—	—	—	—	—	1,500,000
80400 - Contingencies/ Misc	10,000	—	—	—	—	—	—	10,000
Subtotal	\$ 1,585,000	\$ —	\$ 1,585,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,585,000	\$ —	\$ 1,585,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3423 Replacement of Underground Traffic Signal Infrastructure

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Various signalized intersections

Description: Replacement of underground conduits, pull boxes and other traffic signal substructures that have become unmaintainable or unusable due to age, corrosion, mechanical/environmental damage, or over capacity.

Justification: Project will proactively replace underground infrastructure that has become unusable prior to failure, thereby reducing delays and inconveniences to public and costs for emergency repairs.

Duration: Q1 2011 to Ongoing

Status: Design and construction are as-needed and ongoing.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	91,518
Estimated Carryforward into 2017-18	\$	70,122
Total Available Appropriations	\$	70,122

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 311,640
Total	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 311,640
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 311,640
Subtotal	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 311,640
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 311,640
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3424 **El Camino Real In-Pavement Warning Lights Crosswalk**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: El Camino Real at Harrison Street, Alpine Avenue, Buchanan Drive, and Morse Lane.

Description: Installation of pedestrian activated High-Intensity Activation CrossWalk (HAWK) systems at unsignalized crosswalks.

Justification: Unsignalized crosswalks on high vehicular traffic and wide El Camino Real (ECR) are difficult for pedestrians to cross. The HAWK system with flashing beacons on poles on both sides of the street will alert drivers and help pedestrians cross ECR.

Duration: Q1 2015 to Q2 2018

Status: Construction phase started in Winter 2015.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 1,082,017
Estimated Carryforward into 2017-18	\$ 156,114
Total Available Appropriations	\$ 156,114

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 1,238,131	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,238,131
Total	\$ 1,238,131	\$ —	\$ 1,238,131					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 1,238,131	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,238,131
Subtotal	\$ 1,238,131	\$ —	\$ 1,238,131					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,238,131	\$ —	\$ 1,238,131					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

Project ID/Name: 3425 Traffic Signal Installation – Pruneridge Ave/Cronin Dr Intersection

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Pruneridge Avenue/Cronin Drive Intersection

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	650,000
Total Available Appropriations	\$	650,000

Description: Design and construction of a new traffic signal at this location along with the installation of traffic signal communications to interconnect this new traffic signal with the traffic signal at Pruneridge/Pomeroy and Pruneridge/Woodhams.

Justification: A traffic signal warrant analysis per State and Federal standards was completed at the public's request and the location warranted the installation of this traffic control device.

Duration: Q3 2017 to Q4 2018

Status: Design underway.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59944 - Intra Trs In - Gas Tax	\$ 650,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 650,000
Total	\$ 650,000	\$ —	\$ 650,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 650,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 650,000
Subtotal	\$ 650,000	\$ —	\$ 650,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 650,000	\$ —	\$ 650,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 521 - SPECIAL GAS TAX

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 521-001	Adaptive Signal System				
First Year Funding Requested:	2017	Status:	Future			
Description:	Project will install a state-of-the-art real-time traffic signal system that will adjust signal timing and adapt to current traffic conditions.					
Justification:	Automated real-time management of traffic signal system will reduce traffic congestion, fuel consumption, emissions, and associated traffic delays. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 1,650,000	\$ 4,000,000	\$ —	\$ —	\$ —	5,650,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—
Project Name:	Future 521-002	Citywide Bike Lane Installation				
First Year Funding Requested:	2018	Status:	Future			
Description:	Installation of bike lanes and bike routes on various streets throughout the City as contemplated in the City's Bike Plan.					
Justification:	Project will help facilitate the implementation of bicycle lane and routes as indicated in the City's Bike Plan and General Plan.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 100,000	\$ 103,000	\$ 106,090	\$ 109,272	\$ 112,550	530,912
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Fund 525

Traffic Mitigation



Projects related to traffic signal enhancements, improvements, and major intersection improvements across the City to ease traffic congestion and improve traffic flow.



Financing Sources:

- Developer Contributions
- Local & Regional Traffic Mitigation Fees
- Traffic Mitigation Assessment Bonds

FUND 525 - TRAFFIC MITIGATION

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services								
Traffic Mitigation Fee	56260 \$ 8,315,758	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 8,315,758
Subtotal	\$ 8,315,758	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 8,315,758
Intergovernmental								
Rev Frm Agency - Miscellaneous	55500 \$ 707,263	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 707,263
Subtotal	\$ 707,263	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 707,263
Op Transfers								
Trs In - Gas Tax	59902 \$ —	\$ 757,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 757,500
Intra Trs In - Miscellaneous	59940 2,698,431	—	—	—	—	—	—	2,698,431
Intra Trs In - Trfc Mit Fees	59943 2,735,857	1,532,500	868,500	874,500	881,500	888,500	994,500	8,775,857
Subtotal	\$ 5,434,288	\$ 2,290,000	\$ 868,500	\$ 874,500	\$ 881,500	\$ 888,500	\$ 994,500	\$ 12,231,788
Other Revenues								
Developer Contributions	59000 \$ 3,564,959	\$ 242,544	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,807,503
Subtotal	\$ 3,564,959	\$ 242,544	\$ —	\$ 3,807,503				
Total Financing Sources	\$ 18,022,268	\$ 2,532,544	\$ 868,500	\$ 874,500	\$ 881,500	\$ 888,500	\$ 994,500	\$ 25,062,312

* Amount represents cumulative appropriations since project inception.

FUND 525 - TRAFFIC MITIGATION

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 668,363	\$ 10,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 878,363
Land	80200 3,395,000	—	—	—	—	—	—	3,395,000
Construction	80300 12,038,581	2,417,544	738,500	744,500	751,500	758,500	864,500	18,313,625
Contingency	80400 909,937	60,000	45,000	45,000	45,000	45,000	45,000	1,194,937
Salary And Wages	87010 990,387	35,000	35,000	35,000	35,000	35,000	35,000	1,200,387
Salary And Wages - As Needed	87020 20,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Subtotal Appropriations	\$ 18,022,268	\$ 2,532,544	\$ 868,500	\$ 874,500	\$ 881,500	\$ 888,500	\$ 994,500	\$ 25,062,312
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 18,022,268	\$ 2,532,544	\$ 868,500	\$ 874,500	\$ 881,500	\$ 888,500	\$ 994,500	\$ 25,062,312
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 6,797,500	\$ 8,137,500	\$ 6,837,500	\$ 7,137,500	\$ 6,837,500	\$ 35,747,500
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 525 - TRAFFIC MITIGATION

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Distinct	2616	Great America Parkway - Bus Turnout	\$ 225,000	\$ 8,596	\$ 216,404	\$ —	\$ 216,404
Distinct	2621	Improvements - Great America Parkway	2,601,000	881,779	1,719,221	217,350	1,936,571
Distinct	2624	Coleman Avenue Widening	190,000	203	189,797	—	189,797
Distinct	2628	Traffic Signal Modification and Highway 101 Off-Ramp Widening at the Great America Parkway	390,000	3,590	386,410	—	386,410
Distinct	2630	Mission College Blvd. and GAP Intersection Improvement	5,256,086	593,292	4,662,794	—	4,662,794
Ongoing	2631	Industrial Sidewalk Program	189,579	75,517	114,062	—	114,062
Distinct	2638	Lawrence Expressway at Monroe Street - Intersection Improvement Phase "B"	300,000	12,500	287,500	—	287,500
Distinct	2639	Traffic Signal Modification - San Tomas Expressway at Homestead Road Phase "B"	548,470	548,470	—	25,194	25,194
Ongoing	2649	Traffic Studies and Signal Needs Assessment/Upgrade	400,000	275,819	124,181	100,000	224,181
Distinct	2658	Intersection Improvements - El Camino Real at San Tomas Expressway - Phase "B"	2,843,588	2,510,590	332,998	—	332,998
Distinct	2660	Intersection Improvements - ECR at Lafayette Street - Phase "B"	1,250,000	3,590	1,246,410	—	1,246,410
Ongoing	2665	Central Control Traffic Signal Upgrade	1,075,649	280,082	795,567	200,000	995,567
Distinct	2666	Traffic Signal - Monroe Street and Chromite Drive	400,000	—	400,000	—	400,000
Distinct	2667	Install Sidewalks on San Tomas Expressway	105,000	44,881	60,119	—	60,119
Ongoing	2668	Traffic Pre-Emptors	845,259	574,904	270,355	—	270,355
Ongoing	2669	Traffic Signal Enhancements	700,000	374,717	325,283	100,000	425,283
Ongoing	2670	Pedestrian and Bicycle Enhancement Facilities	415,637	153,068	262,569	200,000	462,569
Distinct	2671	Creeks Trails Expansion Master Plan	—	—	—	—	—
Distinct	2672	Traffic Monitoring at Various Locations - Phase "C"	287,000	105,938	181,062	—	181,062
Ongoing	2676	Citywide Accessible Pedestrian Signal Installation	—	—	—	100,000	100,000
Ongoing	2677	Traffic Signal Controller Replacement	—	—	—	75,000	75,000
Distinct	2678	Replacement of Traffic Signals in ECR-Lafayette St.-Homestead Rd.-Scott Blvd. Area	—	—	—	1,515,000	1,515,000
Total			\$ 18,022,268	\$ 6,447,537	\$ 11,574,731	\$ 2,532,544	\$ 14,107,275

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2616 Great America Parkway - Bus Turnout

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Great America Parkway - various locations.

Description: Install bus turnouts along Great America Parkway. (Refer to 525-2621 and 525-2630)

Justification: Remove transit buses from the flow of traffic, increases capacity and improves safety.

Duration: Q1 2011 to Q4 2018

Status: Last remaining bus turnout to be constructed with MCB/GAP Triple Left Turn Project.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	8,596
Estimated Carryforward into 2017-18	\$	216,404
Total Available Appropriations	\$	216,404

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	90,000
59940 - Intra Trs In - Miscellaneous	135,000	—	—	—	—	—	—	135,000
Total	\$ 225,000	\$ —	225,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	1,000
80200 - Land	50,000	—	—	—	—	—	—	50,000
80300 - Construction	137,000	—	—	—	—	—	—	137,000
80400 - Contingencies/ Misc	19,000	—	—	—	—	—	—	19,000
87010 - Salary And Wages - Regular	18,000	—	—	—	—	—	—	18,000
Subtotal	\$ 225,000	\$ —	225,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 225,000	\$ —	225,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2621 Improvements - Great America Parkway
Project Type: Distinct
Program: 4443
Theme: Public Systems and Facilities
Location: Great America Pkwy. @ Mission College Blvd.

Estimated Expenditures through 2016-17	\$ 881,779
Estimated Carryforward into 2017-18	\$ 1,719,221
Total Available Appropriations	\$ 1,936,571

Description: Scope of Work Phase II includes right-of-way dedication and easement acquisition at northwest and southeast corner of Mission College Blvd. and Great America Parkway to construct a third left turn lane westbound Mission College Blvd. to southbound Great America Pkwy. and add a southbound through lane on Great America Pkwy. Construct a third left turn lane northbound Great America Pkwy. to westbound Mission College Blvd. (Refer to 525-2616 and 525-2630).

Justification: Add left turn and through lanes to accommodate the increase in vehicle volume and to improve traffic flow for signals along Great America Pkwy.

Duration: Q1 2007 to Q4 2018

Status: Phase I between Marriott Hotel driveway and Montague Expressway completed; right-of-way (ROW) dedication for Phase II underway.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 1,040,400	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,040,400
59000 - Developer Contributions	—	217,350	—	—	—	—	—	217,350
Total	\$ 2,601,000	\$ 217,350	\$ —	\$ 2,818,350				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 226,055	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 226,055
80200 - Land	825,000	—	—	—	—	—	—	825,000
80300 - Construction	1,257,254	217,350	—	—	—	—	—	1,474,604
80400 - Contingencies/ Misc	93,420	—	—	—	—	—	—	93,420
87010 - Salary And Wages - Regular	199,271	—	—	—	—	—	—	199,271
Subtotal	\$ 2,601,000	\$ 217,350	\$ —	\$ 2,818,350				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,601,000	\$ 217,350	\$ —	\$ 2,818,350				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2624 Coleman Avenue Widening
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Coleman Ave. southeast of Brokaw Rd.
Description: Widen the west side of Coleman Ave. to the City limits.
Justification: Widen from two travel lanes to three lanes to improve traffic flow.
Duration: Q1 2007 to Q4 2023
Status: Project pending development of FMC site and BART project.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	203
Estimated Carryforward into 2017-18	\$	189,797
Total Available Appropriations	\$	189,797

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 74,332	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 74,332
59000 - Developer Contributions	1,668	—	—	—	—	—	—	1,668
59940 - Intra Trs In - Miscellaneous	114,000	—	—	—	—	—	—	114,000
Total	\$ 190,000	\$ —	\$ 190,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 170,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 170,000
80400 - Contingencies/ Misc	10,000	—	—	—	—	—	—	10,000
87010 - Salary And Wages - Regular	10,000	—	—	—	—	—	—	10,000
Subtotal	\$ 190,000	\$ —	\$ 190,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 190,000	\$ —	\$ 190,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2628 Traffic Signal Modification and Highway 101 Off-Ramp Widening at the Great America Parkway

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Bayshore Highway 101 and Great America Parkway.

Description: Widening of the southbound and northbound Highway 101 off-ramps to Great America Parkway.

Justification: To provide additional left turn lanes to increase capacity and reduce congestion on the off-ramps from Highway 101.

Duration: Q1 2012 to Q4 2023

Status: Design to begin FY 2017-18.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	3,590
Estimated Carryforward into 2017-18	\$	386,410
Total Available Appropriations	\$	386,410

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 156,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 156,000
59940 - Intra Trs In - Miscellaneous	234,000	—	—	—	—	—	—	234,000
Total	\$ 390,000	\$ —	\$ 390,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 3,590	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,590
80300 - Construction	321,410	—	—	—	—	—	—	321,410
80400 - Contingencies/ Misc	40,000	—	—	—	—	—	—	40,000
87010 - Salary And Wages - Regular	25,000	—	—	—	—	—	—	25,000
Subtotal	\$ 390,000	\$ —	\$ 390,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 390,000	\$ —	\$ 390,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2630 Mission College Blvd. and GAP Intersection Improvement

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Mission College Blvd. from Great America Pkwy. to Marriott Hotel driveway.

Description: Scope of Work Phase II includes right-of-way dedication and easement acquisition at northwest and southeast corner of Mission College Blvd. and Great America Parkway to construct a right-turn lane westbound Mission College Blvd. to northbound Great America Parkway and reduce traffic congestion by increasing left-turn pocket length at various intersections on Mission College Blvd. (Refer to 525-2616 and 525-2621).

Justification: Improve traffic flow and reduce congestion. Increased traffic demand warrants the additional travel lanes.

Duration: Q1 2005 to Q4 2018

Status: Phase I between Marriott Hotel driveway and Montague Expressway completed; Phase II design underway.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 593,292
Estimated Carryforward into 2017-18	\$ 4,662,794
Total Available Appropriations	\$ 4,662,794

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 2,200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,200,000
59000 - Developer Contributions	3,056,086	—	—	—	—	—	—	3,056,086
Total	\$ 5,256,086	\$ —	\$ 5,256,086					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 153,860	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 153,860
80200 - Land	2,000,000	—	—	—	—	—	—	2,000,000
80300 - Construction	2,694,832	—	—	—	—	—	—	2,694,832
80400 - Contingencies/Misc	207,394	—	—	—	—	—	—	207,394
87010 - Salary And Wages - Regular	200,000	—	—	—	—	—	—	200,000
Subtotal	\$ 5,256,086	\$ —	\$ 5,256,086					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 5,256,086	\$ —	\$ 5,256,086					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2631 Industrial Sidewalk Program
Project Type: Ongoing
Program: 4443
Theme: Public Systems and Facilities
Location: Various locations.
Description: Install sidewalks in the industrial areas.
Justification: Provide a pathway for pedestrian traffic as a result of an increase of pedestrian traffic within the industrial areas. Promote use of transit.
Duration: Q1 1999 to Ongoing
Status: On hold pending funding availability.
Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 75,517
Estimated Carryforward into 2017-18	\$ 114,062
Total Available Appropriations	\$ 114,062

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 75,832	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,832
59940 - Intra Trs In - Miscellaneous	113,747	—	—	—	—	—	—	113,747
Total	\$ 189,579	\$ —	\$ 189,579					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 154,936	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 154,936
80400 - Contingencies/ Misc	24,643	—	—	—	—	—	—	24,643
87010 - Salary And Wages - Regular	10,000	—	—	—	—	—	—	10,000
Subtotal	\$ 189,579	\$ —	\$ 189,579					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 189,579	\$ —	\$ 189,579					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2638 Lawrence Expressway at Monroe Street - Intersection Improvement Phase "B"

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Lawrence Exp. @ Monroe St.

Description: Widen the northeast corner of the intersection to provide an additional westbound travel lane.

Justification: To improve traffic flow and reduce delay to motorists.

Duration: Q2 2011 to Q4 2018

Status: Construction started Summer 2015. Expected completion by Summer 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	12,500
Estimated Carryforward into 2017-18	\$	287,500
Total Available Appropriations	\$	287,500

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Total	\$ 300,000	\$ —	\$ 300,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 12,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,500
80300 - Construction	247,500	—	—	—	—	—	—	247,500
80400 - Contingencies/ Misc	20,000	—	—	—	—	—	—	20,000
87010 - Salary And Wages - Regular	20,000	—	—	—	—	—	—	20,000
Subtotal	\$ 300,000	\$ —	\$ 300,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 300,000	\$ —	\$ 300,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2639 Traffic Signal Modification - San Tomas Expressway at Homestead Road Phase "B"

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: San Tomas Expressway @ Homestead Rd.

Description: Add an additional eastbound left turn lane on Homestead Rd.

Justification: To improve traffic flow and reduce left turn congestion.

Duration: Q4 2008 to Q4 2019

Status: Construction started at part of San Tomas Expressway widening project.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	548,470
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	25,194

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 494,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 494,000
59000 - Developer Contributions	54,470	25,194	—	—	—	—	—	79,664
Total	\$ 548,470	\$ 25,194	\$ —	\$ 573,664				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 48,090	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 48,090
80300 - Construction	400,380	25,194	—	—	—	—	—	425,574
80400 - Contingencies/Misc	50,000	—	—	—	—	—	—	50,000
87010 - Salary And Wages - Regular	50,000	—	—	—	—	—	—	50,000
Subtotal	\$ 548,470	\$ 25,194	\$ —	\$ 573,664				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 548,470	\$ 25,194	\$ —	\$ 573,664				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2649 Traffic Studies and Signal Needs Assessment/Upgrade

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Various locations throughout the City.

Description: Perform traffic studies and needs assessment/upgrade of existing traffic signal system.

Justification: Traffic studies may be required at various locations. The existing traffic signal equipment is reaching capacity and design life. Studies may be required prior to upgrade.

Duration: Q1 2007 to Ongoing

Status: Project in various stages of design/construction.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	275,819
Estimated Carryforward into 2017-18	\$	124,181
Total Available Appropriations	\$	224,181

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 220,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 220,000
59940 - Intra Trs In - Miscellaneous	180,000	—	—	—	—	—	—	180,000
59943 - Intra Trs In - Trfc Mit Fees	—	100,000	—	—	—	—	100,000	200,000
Total	\$ 400,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	\$ 600,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 12,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,500
80300 - Construction	240,568	100,000	—	—	—	—	100,000	440,568
80400 - Contingencies/ Misc	39,529	—	—	—	—	—	—	39,529
87010 - Salary And Wages - Regular	107,403	—	—	—	—	—	—	107,403
Subtotal	\$ 400,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	\$ 600,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 400,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	\$ 600,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2658 **Intersection Improvements - El Camino Real at San Tomas Expressway - Phase "B"**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: El Camino Real at San Tomas Expressway

Description: Add double left turn lanes on El Camino Real and other level of service improvements.

Justification: Increase in left turn traffic warrants the installation of double left turn lanes on El Camino Real.

Duration: Q1 2007 to Q4 2019

Status: Construction completed. County is completing final accounting.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 2,510,590
Estimated Carryforward into 2017-18	\$ 332,998
Total Available Appropriations	\$ 332,998

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55500 - Rev Frm Agency - Miscellaneous	\$ 707,263	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 707,263
56260 - Traffic Mitigation Fee	1,683,590	—	—	—	—	—	—	1,683,590
59000 - Developer Contributions	452,735	—	—	—	—	—	—	452,735
Total	\$ 2,843,588	\$ —	\$ 2,843,588					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 3,590	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,590
80200 - Land	320,000	—	—	—	—	—	—	320,000
80300 - Construction	2,439,998	—	—	—	—	—	—	2,439,998
80400 - Contingencies/Misc	40,000	—	—	—	—	—	—	40,000
87010 - Salary And Wages - Regular	40,000	—	—	—	—	—	—	40,000
Subtotal	\$ 2,843,588	\$ —	\$ 2,843,588					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,843,588	\$ —	\$ 2,843,588					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2660 Intersection Improvements - ECR at Lafayette Street - Phase "B"

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: El Camino Real at Lafayette Street

Description: Add second eastbound left turn lane on El Camino Real and other level of service improvements.

Justification: Increase in left turn traffic is expected to warrant the installation of double left turn lanes on El Camino Real. Project requires acquisition of right-of-way.

Duration: Q1 2007 to Q4 2025

Status: Design to start as part of City Place project.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 3,590
Estimated Carryforward into 2017-18	\$ 1,246,410
Total Available Appropriations	\$ 1,246,410

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 1,250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,250,000
Total	\$ 1,250,000	\$ —	\$ 1,250,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 3,590	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,590
80200 - Land	200,000	—	—	—	—	—	—	200,000
80300 - Construction	796,410	—	—	—	—	—	—	796,410
80400 - Contingencies/ Misc	125,000	—	—	—	—	—	—	125,000
87010 - Salary And Wages - Regular	125,000	—	—	—	—	—	—	125,000
Subtotal	\$ 1,250,000	\$ —	\$ 1,250,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,250,000	\$ —	\$ 1,250,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2665 **Central Control Traffic Signal Upgrade**
Project Type: Ongoing
Program: 4433
Theme: Public Systems and Facilities
Location: Citywide
Description: Upgrade existing traffic signal interconnect system.
Justification: To provide surveillance and coordination in order to improve traffic progression and reduce congestion and air pollution.
Duration: Q1 2009 to Ongoing
Status: Project in various stages of design/construction.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	280,082
Estimated Carryforward into 2017-18	\$	795,567
Total Available Appropriations	\$	995,567

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59940 - Intra Trs In - Miscellaneous	\$ 273,929	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 273,929
59943 - Intra Trs In - Trfc Mit Fees	801,720	200,000	206,000	212,000	219,000	226,000	232,000	2,096,720
Total	\$ 1,075,649	\$ 200,000	\$ 206,000	\$ 212,000	\$ 219,000	\$ 226,000	\$ 232,000	\$ 2,370,649
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 912,757	\$ 170,000	\$ 176,000	\$ 182,000	\$ 189,000	\$ 196,000	\$ 202,000	\$ 2,027,757
80400 - Contingencies/ Misc	102,892	15,000	15,000	15,000	15,000	15,000	15,000	192,892
87010 - Salary And Wages - Regular	60,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Subtotal	\$ 1,075,649	\$ 200,000	\$ 206,000	\$ 212,000	\$ 219,000	\$ 226,000	\$ 232,000	\$ 2,370,649
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,075,649	\$ 200,000	\$ 206,000	\$ 212,000	\$ 219,000	\$ 226,000	\$ 232,000	\$ 2,370,649
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2666 Traffic Signal - Monroe Street and Chromite Drive

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Monroe Street & Chromite Drive

Description: Install traffic signal at the intersection of Monroe Street and Chromite Drive.

Justification: Traffic signal will benefit vehicular and pedestrian traffic generated by Wilcox High School.

Duration: Q1 2017 to Q4 2020

Status: Design started Oct 2016. Scheduled for construction in 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	400,000
Total Available Appropriations	\$	400,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
59943 - Intra Trs In - Trfc Mit Fees	350,000	—	—	—	—	—	—	350,000
Total	\$ 400,000	\$ —	\$ 400,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
80300 - Construction	350,000	—	—	—	—	—	—	350,000
Subtotal	\$ 400,000	\$ —	\$ 400,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 400,000	\$ —	\$ 400,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2667 Install Sidewalks on San Tomas Expressway
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: San Tomas Expressway between Homestead Road and Scott Blvd.

Estimated Expenditures through 2016-17	\$	44,881
Estimated Carryforward into 2017-18	\$	60,119
Total Available Appropriations	\$	60,119

Description: Install sidewalks on west side of San Tomas Expressway in two phases: Phase I, between Homestead Rd. and Cabrillo Ave., and Phase II, between Central Expressway and Scott Blvd. City to provide local matching funds in joint effort with the County.

Justification: Expressway currently restricts pedestrians for most of this segment. Installing sidewalks will allow restrictions to be removed.

Duration: Q1 2013 to Q4 2020

Status: Design started with County staff. Phase I's Monroe-El Camino Real Section completed; El-Camino Real-Homestead Section underway.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 72,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	72,000
59943 - Intra Trs In - Trfc Mit Fees	33,000	—	—	—	—	—	—	33,000
Total	\$ 105,000	\$ —	105,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 105,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	105,000
Subtotal	\$ 105,000	\$ —	105,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 105,000	\$ —	105,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2668 Traffic Pre-Emptors
Project Type: Ongoing
Program: 4433
Theme: Public Systems and Facilities
Location: Strategic traffic intersections throughout the City.
Description: Continue to design and install traffic signal pre-emptors at various strategic intersections throughout the City.
Justification: Pre-emptors decrease response time and enhance the safety of emergency vehicles moving through traffic.
Duration: Q1 2009 to Ongoing
Status: Project in various stages of design/construction.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 574,904
Estimated Carryforward into 2017-18	\$ 270,355
Total Available Appropriations	\$ 270,355

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 308,104	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 308,104
59940 - Intra Trs In - Miscellaneous	87,155	—	—	—	—	—	—	87,155
59943 - Intra Trs In - Trfc Mit Fees	450,000	—	150,000	150,000	150,000	150,000	150,000	1,200,000
Total	\$ 845,259	\$ —	\$ 150,000	\$ 1,595,259				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 151,338	\$ —	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 301,338
80300 - Construction	693,040	—	120,000	120,000	120,000	120,000	120,000	1,293,040
87010 - Salary And Wages - Regular	881	—	—	—	—	—	—	881
Subtotal	\$ 845,259	\$ —	\$ 150,000	\$ 1,595,259				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 845,259	\$ —	\$ 150,000	\$ 1,595,259				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2669 Traffic Signal Enhancements

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Traffic signalization and enhancements throughout the City, including new signals and improvements to Central Control signal system.

Justification: Install new signals and video detection to provide enhanced detection and coordination in order to improve traffic progression, reduce congestion, and air pollution.

Duration: Q1 2011 to Ongoing

Status: Project in various stages of design/construction.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 374,717
Estimated Carryforward into 2017-18	\$ 325,283
Total Available Appropriations	\$ 425,283

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
59943 - Intra Trs In - Trfc Mit Fees	500,000	100,000	100,000	100,000	100,000	100,000	100,000	1,100,000
Total	\$ 700,000	\$ 100,000	\$ 1,300,000					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 612,134	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 1,152,134
80400 - Contingencies/ Misc	40,534	5,000	5,000	5,000	5,000	5,000	5,000	70,534
87010 - Salary And Wages - Regular	47,332	5,000	5,000	5,000	5,000	5,000	5,000	77,332
Subtotal	\$ 700,000	\$ 100,000	\$ 1,300,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 700,000	\$ 100,000	\$ 1,300,000					

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2670 **Pedestrian and Bicycle Enhancement Facilities**
Project Type: Ongoing
Program: 4433
Theme: Public Systems and Facilities
Location: Citywide
Description: Construct sidewalks and bicycle facilities.
Justification: To provide safe pathways for pedestrians and bicyclists and to promote the use of transit.
Duration: Q1 2011 to Ongoing
Status: Project in various stages of design/construction.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	153,068
Estimated Carryforward into 2017-18	\$	262,569
Total Available Appropriations	\$	462,569

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 64,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	64,000
59943 - Intra Trs In - Trfc Mit Fees	351,637	200,000	200,000	200,000	200,000	200,000	200,000	1,551,637
Total	\$ 415,637	\$ 200,000	\$ 1,615,637					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,250	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	2,250
80300 - Construction	218,387	170,000	170,000	170,000	170,000	170,000	170,000	1,238,387
80400 - Contingencies/ Misc	97,500	15,000	15,000	15,000	15,000	15,000	15,000	187,500
87010 - Salary And Wages - Regular	77,500	5,000	5,000	5,000	5,000	5,000	5,000	107,500
87020 - Salary And Wages - As Needed	20,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Subtotal	\$ 415,637	\$ 200,000	\$ 1,615,637					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 415,637	\$ 200,000	\$ 1,615,637					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2671 Creeks Trails Expansion Master Plan
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Along Calabazas Creek, Saratoga Creek, and Hetch-Hetchy Right-of-way
Description: Develop Master Plan for construction of bicycle and/or pedestrian trails along Calabazas Creek, Saratoga Creek, and Hetch-Hetchy right-of-way.
Justification: Per Council Principles and Priorities, dated September 29, 2009, Master Plan extending existing bicycle/pedestrian trails from San Tomas Aquino Creek and Guadalupe River to Calabazas Creek, Saratoga Creek, and Hetch-Hetchy right-of-way.
Duration: Q1 2014 to Q4 2018
Status: Scope and RFP in Winter 2016. Consultant selected; study underway.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —							
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
87010 - Salary And Wages - Regular	—	—	—	—	—	—	—	—
Subtotal	\$ —							
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —							
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2672 Traffic Monitoring at Various Locations - Phase "C"

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Various locations Citywide

Description: Installation of video cameras for traffic monitoring and operations at 30 locations. Approximately four (4) locations per year.

Justification: Project will allow staff to remotely monitor and adjust traffic signal operation while monitoring effect on traffic. Staff will be able to proactively look for and verify congestion or incident.

Duration: Q1 2012 to Q4 2022

Status: Project in various stages of design/construction.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	105,938
Estimated Carryforward into 2017-18	\$	181,062
Total Available Appropriations	\$	181,062

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56260 - Traffic Mitigation Fee	\$ 37,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 37,500
59943 - Intra Trs In - Trfc Mit Fees	249,500	—	37,500	37,500	37,500	37,500	37,500	437,000
Total	\$ 287,000	\$ —	\$ 37,500	\$ 474,500				

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 286,975	\$ —	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 474,475
80400 - Contingencies/ Misc	25	—	—	—	—	—	—	25
Subtotal	\$ 287,000	\$ —	\$ 37,500	\$ 474,500				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 287,000	\$ —	\$ 37,500	\$ 474,500				

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2676 **Citywide Accessible Pedestrian Signal Installation**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Replacement of existing pedestrian push buttons and audible pedestrian signals with new ADA compliant Accessible Pedestrian Signals.

Justification: Project will help make existing traffic signals ADA compliant

Duration: Q1 2018 to Ongoing

Status: Study Underway

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59943 - Intra Trs In - Trfc Mit Fees	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Total	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000
80300 - Construction	—	85,000	85,000	85,000	85,000	85,000	85,000	510,000
80400 - Contingencies/ Misc	—	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Subtotal	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2677 Traffic Signal Controller Replacement

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Replace old and obsolete traffic signal infrastructure, software, controllers and cabinets with state of the art equipment. Painting of traffic signal equipment.

Justification: Controllers have exceeded their useful life and parts are difficult to obtain. New units will provide better service.

Duration: Q1 2011 to Ongoing

Status: Design and replacement are as-needed and ongoing.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	75,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59943 - Intra Trs In - Trfc Mit Fees	\$ —	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 450,000
Total	\$ —	\$ 75,000	\$ 450,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 360,000
80400 - Contingencies/ Misc	—	5,000	5,000	5,000	5,000	5,000	5,000	30,000
87010 - Salary And Wages - Regular	—	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Subtotal	\$ —	\$ 75,000	\$ 450,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 75,000	\$ 450,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

Project ID/Name: 2678 Replacement of Traffic Signals in ECR-Lafayette St.-Homestead Rd.-Scott Blvd. Area

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Various streets within El Camino Real-Lafayette St.-Homestead Rd.-Scott Blvd. area

Description: Project will replace existing traffic signals throughout the downtown area with new signal poles, controller cabinets, communications, and development of new timing plans.

Justification: Existing traffic signals and infrastructures are well beyond useful life and in need of replacement. Equipment is no longer supported and very difficult to maintain. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q4 2018

Status: Design to start Spring 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	1,515,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59902 - Trs In - Gas Tax	\$ —	\$ 757,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 757,500
59943 - Intra Trs In - Trfc Mit Fees	—	757,500	—	—	—	—	—	757,500
Total	\$ —	\$ 1,515,000	\$ —	\$ 1,515,000				

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
80400 - Contingencies/ Misc	—	15,000	—	—	—	—	—	15,000
Subtotal	\$ —	\$ 1,515,000	\$ —	\$ 1,515,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 1,515,000	\$ —	\$ 1,515,000				

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 525 - TRAFFIC MITIGATION

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 525-001	Monroe St./San Tomas Expwy. Traffic Signal Improvement - Phase "C"				
First Year Funding Requested:	2017	Status:	Future			
Description:	Provide additional right-turn lane from westbound Monroe Street to northbound San Tomas Expressway.					
Justification:	To improve level of service operations at the intersection.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ 260,000	\$ —	\$ —	\$ —	260,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name:	Future 525-002	Scott Blvd./San Tomas Expwy. Traffic Signal Improvement - Phase "C"				
First Year Funding Requested:	2017	Status:	Future			
Description:	Provide additional right-turn lane from westbound Scott Boulevard to northbound San Tomas Expressway.					
Justification:	To improve level of service operations at the intersection.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 260,000	\$ —	\$ —	\$ —	\$ —	260,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name:	Future 525-003	Homestead Rd./Lawrence Expressway Traffic Signal Improvement - Phase "C"				
First Year Funding Requested:	2017	Status:	Future			
Description:	Provide additional eastbound through lane on Homestead Road at Lawrence Expressway.					
Justification:	To improve level of service operations at the intersection.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ 520,000	\$ —	\$ —	\$ —	520,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name:	Future 525-004	Benton St./Lawrence Expwy Signal Traffic Signal Improvement - Phase "C"				
First Year Funding Requested:	2017	Status:	Future			
Description:	Provide additional left-turn lane from westbound Benton Street to southbound Lawrence Expressway.					
Justification:	To improve level of service operations at the intersection.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ 520,000	\$ —	\$ —	\$ —	520,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 525 - TRAFFIC MITIGATION

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 525-005	Restriction of Access Points on Lawrence Expressway - Phase "C"				
First Year Funding Requested:	2017	Status:	Future			
Description:	Close median at Lochinvar and right-turn in & out access to Desoto, Golden State, Granada, Lillick, Buckley, and St. Lawrence/Lawrence Station on-ramp at Lawrence Expressway.					
Justification:	Closing minor access points will allow for better operations along Lawrence Expwy, reducing conflicts, which will reduce vehicle emissions, traffic congestions, travel time, and improve fuel consumption.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ —	\$ 300,000	\$ —	\$ 300,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Project Name:	Future 525-006	Traff. Sig. Controller Upgrade-Phase "C"				
First Year Funding Requested:	2017	Status:	Future			
Description:	City-wide traffic signal controller upgrade from Traconex 390 controllers to state-of-the-art Naztec controllers.					
Justification:	Existing Traconex controllers are obsolete and no longer supported by the industry. New controllers will provide advanced functionality, communications, and improved coordination/monitoring.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 537,500	\$ 537,500	\$ 537,500	\$ 537,500	\$ 537,500	\$ 2,687,500
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Project Name:	Future 525-007	City-wide Sidewalk Installation Program				
First Year Funding Requested:	2017	Status:	Future			
Description:	Installation of new sidewalks to mitigate traffic impacts from developments throughout the City.					
Justification:	Provide safe pathways for pedestrians and promote use of transit and alternate mode of transportation.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,200,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 525 - TRAFFIC MITIGATION

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 525-008	Trails and Bike Lanes						
First Year Funding Requested:	2017	Status: Future						
Description:	Provide 40 miles of trails, bike lanes, and pedestrian facilities. Ten miles of which will be used for bike/pedestrian trails (San Tomas Aquino Creek Trail & Spur Trail Phase I). Twenty-four miles of bike lanes and 6 miles of bike routes. This includes 5 trails and 17 bike lane projects.							
Justification:	To enhance and deliver high quality efficient services and infrastructure.							
	2018-19	2019-20	2020-21	2021-22	2022-23	Total		
Project Costs	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 30,000,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —		

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Fund 531

Street Beautification



Projects related to the replacement of trees and improvements to the landscape located within median islands, parking strips, and other areas of right-of-way.

Financing Sources:

- Capital Projects Reserve
- Electric Utility

FUND 531 - STREET BEAUTIFICATION

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Trs In - Water	59911 \$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	250,000
Trs In - Electric	59912 235,000	25,000	25,000	25,000	25,000	25,000	25,000	385,000
Trs In - Capital Proj Reserves	59913 1,588,000	55,000	55,000	55,000	55,000	55,000	55,000	1,918,000
Subtotal	\$ 2,073,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 2,553,000
Other Revenues								
Developer Contributions	59000 \$ —	\$ 46,200	\$ —	\$ —	\$ —	\$ —	\$ —	46,200
Subtotal	\$ —	\$ 46,200	\$ —	46,200				
Total Financing Sources	\$ 2,073,000	\$ 126,200	\$ 80,000	\$ 2,599,200				

* Amount represents cumulative appropriations since project inception.

FUND 531 - STREET BEAUTIFICATION

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 15,674	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	15,674
Construction	80300 2,057,326	126,200	80,000	80,000	80,000	80,000	80,000	2,583,526
Subtotal Appropriations	\$ 2,073,000	\$ 126,200	\$ 80,000	\$ 2,599,200				
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 2,073,000	\$ 126,200	\$ 80,000	\$ 2,599,200				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 531 - STREET BEAUTIFICATION

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	8039	Street Tree Planting	\$ 235,000	\$ 228,245	\$ 6,755	\$ 71,200	\$ 77,955
Ongoing	8040	Public Right-of-Way Landscaping Improvement	1,838,000	1,583,434	254,566	55,000	309,566
Total			\$ 2,073,000	\$ 1,811,679	\$ 261,321	\$ 126,200	\$ 387,521

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 531 - STREET BEAUTIFICATION

Project ID/Name: 8039 **Street Tree Planting**
Project Type: Ongoing
Program: 2951
Theme: Economic Development/Business Retention
Location: Various locations throughout the City.
Description: Ongoing street tree program requires the replacement of trees to enhance the appearance and environment of the City through the American Public Power Association Tree Program. City's electric utility will provide funds.
Justification: Ongoing street tree program requires the purchase of replacement trees to enhance the appearance and environment of the City and the value of affected properties.
Duration: Q3 2008 to Ongoing
Status: Ongoing installation of replacement street trees.
Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2016-17	\$	228,245
Estimated Carryforward into 2017-18	\$	6,755
Total Available Appropriations	\$	77,955

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ —	\$ 46,200	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 46,200
59912 - Trs In - Electric	235,000	25,000	25,000	25,000	25,000	25,000	25,000	385,000
Total	\$ 235,000	\$ 71,200	\$ 25,000	\$ 431,200				

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 235,000	\$ 71,200	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 431,200
Subtotal	\$ 235,000	\$ 71,200	\$ 25,000	\$ 431,200				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 235,000	\$ 71,200	\$ 25,000	\$ 431,200				

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 531 - STREET BEAUTIFICATION

Project ID/Name: 8040 Public Right-of-Way Landscaping Improvement

Project Type: Ongoing

Program: 2951

Theme: Economic Development/Business Retention

Location: Various locations throughout the City.

Description: Installation of landscape, irrigation, and surface treatments to various median islands, parking strips and other areas within the public right-of-way.

Justification: Beautify areas of the City to enhance the image of the community.

Duration: Q3 2010 to Ongoing

Status: 400 hanging baskets were purchased and installed on El Camino Real street light poles. Hanging banner purchase and installation to be coordinated with the City Manager's office spring/summer of 2017.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2016-17	\$ 1,583,434
Estimated Carryforward into 2017-18	\$ 254,566
Total Available Appropriations	\$ 309,566

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59911 - Trs In - Water	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
59913 - Trs In - Capital Proj Reserves	1,588,000	55,000	55,000	55,000	55,000	55,000	55,000	1,918,000
Total	\$ 1,838,000	\$ 55,000	\$ 2,168,000					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 15,674	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 15,674
80300 - Construction	1,822,326	55,000	55,000	55,000	55,000	55,000	55,000	2,152,326
Subtotal	\$ 1,838,000	\$ 55,000	\$ 2,168,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,838,000	\$ 55,000	\$ 2,168,000					

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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Fund 533

Streets and Highways



Projects related to the maintenance of local transportation facilities, traffic infrastructure, street rehabilitation, sidewalk, curb, and gutter improvements.



Financing Sources:

- Developer Contributions
- Gas Tax
- Grants
- Local Traffic Mitigation Fees
- Reserves
- Vehicle Registration Fees

FUND 533 - STREETS AND HIGHWAYS

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental								
Vehicle Registration Fees	55100 \$ 2,662,430	\$ 750,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 8,162,430
VTA Measure B	55150 —	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000
Grant Funding	55580 4,776,962	—	3,735,000	—	—	—	—	8,511,962
Subtotal	\$ 7,439,392	\$ 3,050,000	\$ 6,985,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 30,474,392
Op Transfers								
Trs In - Capital Proj Reserves	59913 \$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Distinct Trs In - Misc	59920 563,644	64,000	40,000	40,000	40,000	40,000	40,000	827,644
Intra Trs In - Dev Contrbtns	59941 327,725	2,210,000	370,000	—	—	—	—	2,907,725
Intra Trs In - Trfc Mit Fees	59943 449,850	—	—	—	—	—	—	449,850
Intra Trs In - Gas Tax	59944 325,000	—	—	380,000	390,000	400,000	410,000	1,905,000
Subtotal	\$ 1,962,219	\$ 2,374,000	\$ 510,000	\$ 520,000	\$ 530,000	\$ 540,000	\$ 550,000	\$ 6,986,219
Other Revenues								
Developer Contributions	59000 \$ 3,501,286	\$ 129,801	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,631,087
Subtotal	\$ 3,501,286	\$ 129,801	\$ —	\$ 3,631,087				
Total Financing Sources	\$ 12,902,897	\$ 5,553,801	\$ 7,495,000	\$ 3,770,000	\$ 3,780,000	\$ 3,790,000	\$ 3,800,000	\$ 41,091,698

* Amount represents cumulative appropriations since project inception.

FUND 533 - STREETS AND HIGHWAYS

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 254,069	\$ 810,000	\$ 715,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 2,139,069
Construction	80300 12,566,750	4,491,301	17,352,500	14,252,500	14,262,500	14,272,500	14,282,500	91,480,551
Contingency	80400 75,521	32,500	27,500	27,500	27,500	27,500	27,500	245,521
Salary And Wages	87010 6,557	220,000	50,000	50,000	50,000	50,000	50,000	476,557
Subtotal Appropriations	\$ 12,902,897	\$ 5,553,801	\$ 18,145,000	\$ 14,420,000	\$ 14,430,000	\$ 14,440,000	\$ 14,450,000	\$ 94,341,698
Less: Deferred/Unfunded**		—	(10,650,000)	(10,650,000)	(10,650,000)	(10,650,000)	(10,650,000)	(53,250,000)
Total Appropriations	\$ 12,902,897	\$ 5,553,801	\$ 7,495,000	\$ 3,770,000	\$ 3,780,000	\$ 3,790,000	\$ 3,800,000	\$ 41,091,698
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 533 - STREETS AND HIGHWAYS

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Distinct	1201	Creek Trail Network Expansion Master Plan	\$ 587,500	\$ —	\$ 587,500	\$ —	\$ 587,500
Ongoing	1203	Annual Creek Trail Rehabilitation Program	—	—	—	100,000	100,000
Distinct	1204	Saratoga Creek Trail (Homeridge Park to Central Park)	—	—	—	1,750,000	1,750,000
Distinct	1205	Pepper Tree Neighborhood Traffic Calming Study	—	—	—	100,000	100,000
Distinct	1314	River Oaks Bicycle/Pedestrian Bridge Project	649,000	600,000	49,000	—	49,000
Ongoing	1325	Bridge Maintenance Program	563,644	4,800	558,844	64,000	622,844
Ongoing	1326	Development Extensions	754,092	29,873	724,219	—	724,219
Ongoing	1356	Annual Street Maintenance and Rehabilitation Program	927,725	398,730	528,995	2,979,801	3,508,796
Ongoing	1357	Traffic Signal Controller Upgrade - Phase "C"	752,500	301,628	450,872	200,000	650,872
Distinct	1366	Mission College Boulevard Traffic Signal Timing and Interconnect	353,507	254,992	98,515	—	98,515
Distinct	1368	Stevens Creek Boulevard Traffic Signal Timing and Interconnect	536,923	504,599	32,324	—	32,324
Distinct	1369	Scott Boulevard Bicycle Lanes	196,000	104,240	91,760	—	91,760
Distinct	1370	Pedestrian and Bicycle Access to Central Park	2,348,194	574,674	1,773,520	—	1,773,520
Distinct	1374	Stevens Creek Boulevard Bus Priority Project	66,800	16,583	50,217	—	50,217
Distinct	1375	Saratoga Avenue Signal Timing and Interconnect Project	498,000	266,498	231,502	—	231,502
Distinct	1376	Vehicle Emissions Reductions Based in School (VERBS) Phase 2	565,000	2,117	562,883	—	562,883
Distinct	1377	Tasman Drive Bicycle Lanes Project	566,000	24,109	541,891	—	541,891
Distinct	1378	Bicycle and Pedestrian Improvements	298,012	—	298,012	—	298,012
Distinct	1379	Bicycle Plan	75,000	—	75,000	—	75,000
Ongoing	1382	Sidewalk, Curb and Gutter Repair	200,000	173,352	26,648	360,000	386,648
Distinct	1385	Santa Clara Citywide ITS Project 1 (Tasman, GAP, Homestead, etc.)	500,000	—	500,000	—	500,000
Distinct	1386	Santa Clara Citywide ITS Project 2 (Lafayette, Benton, and Monroe)	500,000	—	500,000	—	500,000
Distinct	1390	Lafayette Street Signal Timing Project	750,000	—	750,000	—	750,000
Distinct	1391	Bowers Avenue Signal Timing Project	850,000	—	850,000	—	850,000
Distinct	1392	SRTS Pedestrian Infrastructure Improvements Project	365,000	—	365,000	—	365,000
Total			\$ 12,902,897	\$ 3,256,194	\$ 9,646,703	\$ 5,553,801	\$ 15,200,504

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1201 Creek Trail Network Expansion Master Plan

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Develop a Master Plan for the expansion of City's Trail Network along Calabazas Creek, Saratoga Creek, and the Hetch-Hetchy right-of-way (San Francisco Public Utilities Commission right-of-way) within City of Santa Clara.

Justification: Per 2009-11 Council Principles and Priorities, City is to develop a master plan to expand its trail network to provide bicycle and pedestrian routes and to promote alternate mode of transportation.

Duration: Q4 2017 to Q4 2019

Status: Study underway.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	587,500
Total Available Appropriations	\$	587,500

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59902 - Trs In - Gas Tax	\$ 296,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 296,000
59943 - Intra Trs In - Trfc Mit Fees	291,500	—	—	—	—	—	—	291,500
Total	\$ 587,500	\$ —	\$ 587,500					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 587,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 587,500
Subtotal	\$ 587,500	\$ —	\$ 587,500					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 587,500	\$ —	\$ 587,500					

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1203 **Annual Creek Trail Rehabilitation Program**
Project Type: Ongoing
Program: 4443
Theme: Public Systems and Facilities
Location: Various locations along creek trails
Description: The scope of work includes pavement preventative maintenance and rehabilitation treatments for the creek trail, including application of seals, removal and replacement of failed asphalt, repair of miscellaneous amenities, and replacing worn-out striping and markings.
Justification: Preventative maintenance treatment and prompt repair of failed section extends the useful life of the City's trail system assets.
Duration: Q1 2018 to Ongoing
Status: Design and construction are as-needed and ongoing
Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Total	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Subtotal	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1204 Saratoga Creek Trail (Homeridge Park to Central Park)

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Along Saratoga Creek between Homeridge Park and Central Park

Description: Construction of a pedestrian and bicycle trail between Homeridge Park and Central Park, including undercrossings at Homestead Road and Kiely Boulevard.

Justification: Per Council's Goals and Strategic Objectives to enhance community recreation assets and develop new creek trail sections, Council approved the project design concept in 2015 and CEQA documentation in 2016.

Duration: Q2 2016 to Q4 2020

Status: CEQA study completed 2017. Design phase underway. Anticipated construction to begin 2019.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	1,750,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ —	\$ —	\$ 3,735,000	\$ —	\$ —	\$ —	\$ —	\$ 3,735,000
59941 - Intra Trs In - Dev Contrbtns	—	1,750,000	—	—	—	—	—	1,750,000
Total	\$ —	\$ 1,750,000	\$ 3,735,000	\$ —	\$ —	\$ —	\$ —	\$ 5,485,000

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 700,000	\$ 625,000	\$ —	\$ —	\$ —	\$ —	\$ 1,325,000
80300 - Construction	—	880,000	3,110,000	—	—	—	—	3,990,000
87010 - Salary And Wages - Regular	—	170,000	—	—	—	—	—	170,000
Subtotal	\$ —	\$ 1,750,000	\$ 3,735,000	\$ —	\$ —	\$ —	\$ —	\$ 5,485,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 1,750,000	\$ 3,735,000	\$ —	\$ —	\$ —	\$ —	\$ 5,485,000

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1205 **Pepper Tree Neighborhood Traffic Calming Study**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Kaiser Drive/Pepper Tree Neighborhood

Description: Traffic calming study to determine residential development impact on existing residential neighborhood streets.

Justification: Traffic calming study is required as part of EIR, Conditions of Approval, and DA for the Gallery Residential Development.

Duration: Q1 2018 to Q4 2020

Status: Study underway.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59941 - Intra Trs In - Dev Contrbts	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
Total	\$ —	\$ 100,000	\$ —	\$ 100,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 35,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 35,000
80300 - Construction	—	55,000	—	—	—	—	—	55,000
80400 - Contingencies/ Misc	—	10,000	—	—	—	—	—	10,000
Subtotal	\$ —	\$ 100,000	\$ —	\$ 100,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ —	\$ 100,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1314 River Oaks Bicycle/Pedestrian Bridge Project

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Guadalupe River at River Oaks Parkway

Description: Bridge study, design and construction.

Justification: Bridge will connect the Rivermark Trail System to the River Oaks light rail station on North First Street in San Jose. This connection will provide a critically needed link between jobs and housing from the new Rivermark development.

Duration: Q1 2003 to Q4 2018

Status: Construction completed; additional work might be needed pending Mansion Grove Apartment improvements.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 600,000
Estimated Carryforward into 2017-18	\$ 49,000
Total Available Appropriations	\$ 49,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 649,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 649,000
Total	\$ 649,000	\$ —	\$ 649,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 649,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 649,000
Subtotal	\$ 649,000	\$ —	\$ 649,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 649,000	\$ —	\$ 649,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1325 **Bridge Maintenance Program**
Project Type: Ongoing
Program: 4443
Theme: Public Systems and Facilities
Location: Various bridges throughout the city.
Description: Repair deterioration and/or damage to bridges as need arises and/or as noted in the Caltrans reports.
Justification: Maintenance of bridges will extend their useful life.
Duration: Q1 2007 to Ongoing
Status: Bridges repair as-needed and ongoing.
Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 4,800
Estimated Carryforward into 2017-18	\$ 558,844
Total Available Appropriations	\$ 622,844

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59920 - Distinct Trs In - Misc	\$ 563,644	\$ 64,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 827,644
Total	\$ 563,644	\$ 64,000	\$ 40,000	\$ 827,644				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 561,566	\$ 64,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 825,566
80400 - Contingencies/ Misc	760	—	—	—	—	—	—	760
87010 - Salary And Wages - Regular	1,318	—	—	—	—	—	—	1,318
Subtotal	\$ 563,644	\$ 64,000	\$ 40,000	\$ 827,644				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 563,644	\$ 64,000	\$ 40,000	\$ 827,644				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1326 **Development Extensions**
Project Type: Ongoing
Program: 4452
Theme: Public Systems and Facilities
Location: Not site specific
Description: Credit developers for constructing street pavement and landscape median.
Justification: Chapter 17.15 (Development Ordinance) provides for the payment of credits to developers.
Duration: Q1 2007 to Ongoing
Status: Credit to various developers for street improvements in progress.
Department/Contact: Public Works/Gustavo Gomez

Estimated Expenditures through 2016-17	\$	29,873
Estimated Carryforward into 2017-18	\$	724,219
Total Available Appropriations	\$	724,219

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 754,092	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 754,092
Total	\$ 754,092	\$ —	\$ 754,092					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 754,092	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 754,092
Subtotal	\$ 754,092	\$ —	\$ 754,092					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 754,092	\$ —	\$ 754,092					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1356 **Annual Street Maintenance and Rehabilitation Program**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Various locations

Estimated Expenditures through 2016-17	\$ 398,730
Estimated Carryforward into 2017-18	\$ 528,995
Total Available Appropriations	\$ 3,508,796

Description: Resurface existing streets with asphalt concrete or slurry seal. Remove and replace failed concrete and asphalt concrete pavement, curbs, gutters, sidewalks, driveway approaches, and miscellaneous storm drain improvements. Refresh and/or replace worn-out and destroyed traffic striping, markings, signage and inertial barriers. Also, provide local matching funds for State and Federal funded projects.

Justification: Damaged concrete and asphalt concrete pavement, curbs, gutters, sidewalks, driveway approaches, storm drain improvements, traffic striping, markings, signage and inertial barriers create hazards for both motorist and pedestrians, which may become a liability for the City. Prompt repair will remove possible liability, enhance riding quality, provide safe route for pedestrians, and restore positive drainage. Resurfacing and rehabilitation will extend streets' useful life and enhance riding quality.

Duration: Q1 2013 to Ongoing

Status: Design and construction are as-needed and ongoing.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55100 - Vehicle Registration Fees	\$ 800,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 4,100,000
55150 - VTA Measure B	—	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000
59000 - Developer Contributions	—	129,801	—	—	—	—	—	129,801
59941 - Intra Trs In - Dev Contrbtns	127,725	—	—	—	—	—	—	127,725
Total	\$ 927,725	\$ 2,979,801	\$ 2,850,000	\$ 18,157,526				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 40,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 400,000
80300 - Construction	847,725	2,852,301	13,372,500	13,372,500	13,372,500	13,372,500	13,372,500	70,562,526
80400 - Contingencies/Misc	34,761	17,500	17,500	17,500	17,500	17,500	17,500	139,761
87010 - Salary And Wages - Regular	5,239	50,000	50,000	50,000	50,000	50,000	50,000	305,239
Subtotal	\$ 927,725	\$ 2,979,801	\$ 13,500,000	\$ 71,407,526				
Less: Deferred/Unfunded		—	(10,650,000)	(10,650,000)	(10,650,000)	(10,650,000)	(10,650,000)	(53,250,000)
Total	\$ 927,725	\$ 2,979,801	\$ 2,850,000	\$ 18,157,526				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1357 Traffic Signal Controller Upgrade - Phase "C"

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Various locations

Description: Citywide traffic signal controller upgrade from Traconex 39D controllers to state-of-the-art Naztec controllers.

Justification: Existing Traconex controllers are obsolete and have no technical support. Their replacement controllers with Naztec software will allow advanced functionality, communications, and improved coordination/monitoring.

Duration: Q1 2013 to Ongoing

Status: Design as-needed and ongoing replacement.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	301,628
Estimated Carryforward into 2017-18	\$	450,872
Total Available Appropriations	\$	650,872

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55100 - Vehicle Registration Fees	\$ 752,500	\$ 200,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,952,500
Total	\$ 752,500	\$ 200,000	\$ 400,000	\$ 2,952,500				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 120,000	\$ 15,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 285,000
80300 - Construction	592,500	180,000	360,000	360,000	360,000	360,000	360,000	2,572,500
80400 - Contingencies/ Misc	40,000	5,000	10,000	10,000	10,000	10,000	10,000	95,000
Subtotal	\$ 752,500	\$ 200,000	\$ 400,000	\$ 2,952,500				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 752,500	\$ 200,000	\$ 400,000	\$ 2,952,500				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1366 **Mission College Boulevard Traffic Signal Timing and Interconnect**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Mission College Boulevard from Mission College Turn-About to Montague Expressway.

Estimated Expenditures through 2016-17	\$	254,992
Estimated Carryforward into 2017-18	\$	98,515
Total Available Appropriations	\$	98,515

Description: Install traffic signal interconnect, upgrade traffic signal controller equipment, and implement traffic signal coordination timing plans for seven existing traffic signals.

Justification: Improvement of traffic signal infrastructure and coordination will reduce delays and improve travel times for vehicles and transit on the corridor, reduce vehicle emissions, and allow for remote monitoring of traffic signals.

Duration: Q2 2014 to Q1 2018

Status: Construction phase underway. Expected completion by Summer 2017.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55100 - Vehicle Registration Fees	\$ 133,007	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 133,007
55580 - Grant Funding	220,500	—	—	—	—	—	—	220,500
Total	\$ 353,507	\$ —	\$ 353,507					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 353,507	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 353,507
Subtotal	\$ 353,507	\$ —	\$ 353,507					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 353,507	\$ —	\$ 353,507					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1368 **Stevens Creek Boulevard Traffic Signal Timing and Interconnect**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Stevens Creek Boulevard from Stern Avenue to Woodhams Road.

Description: Install traffic signal interconnect, upgrade traffic signal controller equipment, and implement traffic signal coordination timing plans for eight existing traffic signals.

Justification: Improvement of traffic signal infrastructure and coordination will reduce delays and improve travel times for vehicles and transit on the corridor, reduce vehicle emissions, and allow for remote monitoring of traffic signals.

Duration: Q2 2014 to Q1 2018

Status: Construction phase underway. Expected completion by Summer 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	504,599
Estimated Carryforward into 2017-18	\$	32,324
Total Available Appropriations	\$	32,324

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55100 - Vehicle Registration Fees	\$ 176,923	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 176,923
55580 - Grant Funding	360,000	—	—	—	—	—	—	360,000
Total	\$ 536,923	\$ —	\$ 536,923					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 536,923	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 536,923
Subtotal	\$ 536,923	\$ —	\$ 536,923					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 536,923	\$ —	\$ 536,923					

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1369 **Scott Boulevard Bicycle Lanes**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Scott Boulevard from Central Expressway to Monroe Street.
Description: Installation of Class II bicycle lanes.
Justification: Improve connectivity for adjacent existing bicycle lanes in the surrounding areas.
Duration: Q2 2014 to Q2 2018
Status: Construction completed. In closing out process with Grant Administrator.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	104,240
Estimated Carryforward into 2017-18	\$	91,760
Total Available Appropriations	\$	91,760

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 102,650	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 102,650
59943 - Intra Trs In - Trfc Mit Fees	93,350	—	—	—	—	—	—	93,350
Total	\$ 196,000	\$ —	\$ 196,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 196,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 196,000
Subtotal	\$ 196,000	\$ —	\$ 196,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 196,000	\$ —	\$ 196,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1370 Pedestrian and Bicycle Access to Central Park

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: 1 mile radius of Central Park: 909 Kiely Boulevard.

Description: Review, study, and development of concept plans for pedestrian and bicycle access to Central Park.

Justification: Per Council Principles and Priorities, dated September 29, 2009, City to provide pedestrian/bicycle facilities and amenities, ADA access, improvements and enhancements of signage and safety to encourage non-motorized travel to and about Central Park.

Duration: Q3 2014 to Q4 2019

Status: Study Underway

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 574,674
Estimated Carryforward into 2017-18	\$ 1,773,520
Total Available Appropriations	\$ 1,773,520

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 2,098,194	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,098,194
59944 - Intra Trs In - Gas Tax	250,000	—	—	—	—	—	—	250,000
Total	\$ 2,348,194	\$ —	\$ 2,348,194					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 94,069	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 94,069
80300 - Construction	2,254,125	—	—	—	—	—	—	2,254,125
Subtotal	\$ 2,348,194	\$ —	\$ 2,348,194					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,348,194	\$ —	\$ 2,348,194					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1374 **Stevens Creek Boulevard Bus Priority Project**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Stevens Creek Boulevard.

Description: Upgrade traffic signal controller equipment, install new bus signal priority equipment, and develop and implement new traffic signal timing for bus signal priority.

Justification: Improvement of traffic signal infrastructure and coordination will reduce delays and improve travel times for vehicles and transit on the corridor, and reduce vehicle emissions.

Duration: Q3 2015 to Q4 2018

Status: Construction started.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	16,583
Estimated Carryforward into 2017-18	\$	50,217
Total Available Appropriations	\$	50,217

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 66,800	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 66,800
Total	\$ 66,800	\$ —	\$ 66,800					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 66,800	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 66,800
Subtotal	\$ 66,800	\$ —	\$ 66,800					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 66,800	\$ —	\$ 66,800					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1375 **Saratoga Avenue Signal Timing and Interconnect Project**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Saratoga Avenue, from Scott Boulevard to Stevens Creek Boulevard.

Description: Install traffic signal interconnect, upgrade traffic signal controller equipment, and implement traffic signal coordination timing plans.

Justification: Improvement of traffic signal infrastructure and coordination will reduce delays and improve travel times for vehicles and transit on the corridor, reduce vehicle emissions, and allow for remote monitoring of traffic signals.

Duration: Q3 2015 to Q1 2018

Status: Construction started Winter 2016.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	266,498
Estimated Carryforward into 2017-18	\$	231,502
Total Available Appropriations	\$	231,502

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 498,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 498,000
Total	\$ 498,000	\$ —	\$ 498,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 498,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 498,000
Subtotal	\$ 498,000	\$ —	\$ 498,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 498,000	\$ —	\$ 498,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1376 **Vehicle Emissions Reductions Based in School (VERBS) Phase 2**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Various Schools in Santa Clara.

Description: Non-Infrastructure, Education, and Encouragement Program to increase non-motorized mode of travel to and from schools.

Justification: Non-motorized mode of transportation improves air quality and safety while reducing congestion.

Duration: Q3 2015 to Q4 2019

Status: Request for Proposal to be issued in Winter 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 2,117
Estimated Carryforward into 2017-18	\$ 562,883
Total Available Appropriations	\$ 562,883

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
59943 - Intra Trs In - Trfc Mit Fees	65,000	—	—	—	—	—	—	65,000
Total	\$ 565,000	\$ —	\$ 565,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 565,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 565,000
Subtotal	\$ 565,000	\$ —	\$ 565,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 565,000	\$ —	\$ 565,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1377 **Tasman Drive Bicycle Lanes Project**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Tasman Drive

Description: Install bicycle lanes and bicycle detectors at signalized intersections on both sides of Tasman Drive.

Justification: Project will promote bicycle usage as a viable alternative mode of transportation and connect existing bicycle lanes from Eastern City Limit in City of Sunnyvale to Western City Limit in City of San Jose.

Duration: Q1 2016 to Q4 2018

Status: Construction to start Summer 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$ 24,109
Estimated Carryforward into 2017-18	\$ 541,891
Total Available Appropriations	\$ 541,891

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 566,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 566,000
Total	\$ 566,000	\$ —	\$ 566,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 566,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 566,000
Subtotal	\$ 566,000	\$ —	\$ 566,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 566,000	\$ —	\$ 566,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1378 **Bicycle and Pedestrian Improvements**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Various Locations within the City
Description: Install various bicycle and pedestrian facilities.
Justification: Project will provide bicycle and pedestrian enhancements.
Duration: Q2 2016 to Q4 2018
Status: Construction started in 2017.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	298,012
Total Available Appropriations	\$	298,012

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 298,012	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 298,012
Total	\$ 298,012	\$ —	\$ 298,012					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 298,012	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 298,012
Subtotal	\$ 298,012	\$ —	\$ 298,012					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 298,012	\$ —	\$ 298,012					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1379 **Bicycle Plan**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Various Locations within the City
Description: Update City's Bicycle Plan.
Justification: Metropolitan Transportation Commission (MTC) requires Bicycle Plan to be updated every 5 years. This update will provide City access to grant funds managed by MTC.
Duration: Q3 2016 to Q4 2018
Status: Design started Spring 2017.
Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	75,000
Total Available Appropriations	\$	75,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
Total	\$ 75,000	\$ —	\$ 75,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
Subtotal	\$ 75,000	\$ —	\$ 75,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 75,000	\$ —	\$ 75,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1382 Sidewalk, Curb and Gutter Repair

Project Type: Ongoing

Program: 2911

Theme: Public Systems and Facilities

Location: Various locations throughout the City

Description: Repair of sidewalks, curbs, and gutters.

Justification: Repairs minimize trip and fall hazards and correct flow line issues that contribute to localized flooding. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Ongoing

Status: Sidewalk, curb and gutter repairs are identified, prioritized, and completed throughout the year. A new contract is in place for sidewalk, curb and gutter repair through December 2019.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2016-17	\$	173,352
Estimated Carryforward into 2017-18	\$	26,648
Total Available Appropriations	\$	386,648

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59941 - Intra Trs In - Dev Contrbts	\$ 200,000	\$ 360,000	\$ 370,000	\$ —	\$ —	\$ —	\$ —	\$ 930,000
59944 - Intra Trs In - Gas Tax	—	—	—	380,000	390,000	400,000	410,000	1,580,000
Total	\$ 200,000	\$ 360,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 200,000	\$ 360,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000
Subtotal	\$ 200,000	\$ 360,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 200,000	\$ 360,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000

Operating Impact	\$	—	\$	—	\$	—	\$	—	\$	—	\$	—	\$	—
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FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1385 Santa Clara Citywide ITS Project 1 (Tasman, GAP, Homestead, etc.)

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Tasman Dr., Great America Prkwy., Homestead Rd., Scott Blvd., Saratoga Ave., & El Camino Real.

Description: Procure and install controller/cabinets, traffic monitoring cameras, Bluetooth/WiFi Travel-time modulas, Fiber Optic Communications, and Permanent Changeable Message Sign.

Justification: Project will improve communications between signals and the Traffic Management Center, improve response time to changing traffic demands, and provide the public with real-time traffic information.

Duration: Q3 2017 to Q3 2019

Status: Design started Q4-17. Construction expected to begin Q3-18

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	500,000
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Total	\$ 500,000	\$ —	\$ 500,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Subtotal	\$ 500,000	\$ —	\$ 500,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ 500,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1386 Santa Clara Citywide ITS Project 2 (Lafayette, Benton, and Monroe)

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Lafayette St., Benton St., and Monroe St.

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	500,000
Total Available Appropriations	\$	500,000

Description: Procure and install controller/cabinets, traffic monitoring cameras, Bluetooth/WiFi Travel-time modulas, fiber optic communications, High-Intensity Activation crosswalk (HAWK) systems, and trailer mounted changeable message sign.

Justification: Project will improve communications between signals and the Traffic Management Center, improve response time to changing traffic demands, and provide the public with real-time traffic information.

Duration: Q3 2017 to Q4 2019

Status: Design started Q4 2016-17. Construction expected to begin Q3 2017-18.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Total	\$ 500,000	\$ —	\$ 500,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Subtotal	\$ 500,000	\$ —	\$ 500,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ 500,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1390 Lafayette Street Signal Timing Project

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Lafayette St., from El Camino Real to Newhall St.

Description: Install traffic signal interconnect, upgrade traffic signal controller equipment, and implement traffic signal coordination timing plans.

Justification: Improvement of traffic signal infrastructure and coordination will reduce delays and improve travel times for vehicles and transit on the corridor, reduce vehicle emissions, and allow for remote monitoring of traffic signals.

Duration: Q2 2017 to Q4 2018

Status: Design started Q4-17. Construction expected to begin Q2-18

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	750,000
Total Available Appropriations	\$	750,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55100 - Vehicle Registration Fees	\$ 540,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 540,000
55580 - Grant Funding	210,000	—	—	—	—	—	—	210,000
Total	\$ 750,000	\$ —	\$ 750,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Subtotal	\$ 750,000	\$ —	\$ 750,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 750,000	\$ —	\$ 750,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1391 **Bowers Avenue Signal Timing Project**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Bowers Ave., from 101 to El Camino Real

Description: Install traffic signal interconnect, upgrade traffic signal controller equipment, and implement traffic signal coordination timing plans.

Justification: Improvement of traffic signal infrastructure and coordination will reduce delays and improve travel times for vehicles and transit on the corridor, reduce vehicle emissions, and allow for remote monitoring of traffic signals.

Duration: Q2 2017 to Q4 2018

Status: Design started Q4-17. Construction expected to begin Q2-18

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	850,000
Total Available Appropriations	\$	850,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55100 - Vehicle Registration Fees	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 260,000
55580 - Grant Funding	590,000	—	—	—	—	—	—	590,000
Total	\$ 850,000	\$ —	\$ 850,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 850,000
Subtotal	\$ 850,000	\$ —	\$ 850,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 850,000	\$ —	\$ 850,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1392 **SRTS Pedestrian Infrastructure Improvements Project**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: CityWide

Description: Remove barriers and improve safety and connectivity for students walking and biking to school for seven Santa Clara Schools: Bowers, Briarwood, Haman, Montague, Scott Lane, and Sutter elementary schools and Cabrillo middle school.

Justification: Pedestrian improvements will remove barriers and improve safety for students resulting in decreased number of students driven to school and a reduction in vehicle emissions.

Duration: Q2 2017 to Q4 2018

Status: Design started Q4-17. Construction expected to begin Q2-18.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	365,000
Total Available Appropriations	\$	365,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 290,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 290,000
59944 - Intra Trs In - Gas Tax	75,000	—	—	—	—	—	—	75,000
Total	\$ 365,000	\$ —	\$ 365,000					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 365,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 365,000
Subtotal	\$ 365,000	\$ —	\$ 365,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 365,000	\$ —	\$ 365,000					

Operating Impact	\$	—	\$	—	\$	—	\$	—	\$	—
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FUND 533 - STREETS AND HIGHWAYS

PROJECTS CLOSING IN 2017-18

Project ID/Name: 1362 Lafayette Street Traffic Signal Timing and Interconnect

Status: Closed.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
55100 - Vehicle Registration Fees	\$ 100,000	\$ 100,000	\$ —
55580 - Grant Funding	\$ 1,344,237	\$ 1,344,237	\$ —
59943 - Intra Trs In - Trfc Mit Fees	\$ 298,280	\$ 298,280	\$ —
59944 - Intra Trs In - Gas Tax	\$ 170,983	\$ 54,312	\$ 116,671

Project ID/Name: 1372 Graham Lane Neighborhood Street Improvements

Status: Closed.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
55100 - Vehicle Registration Fees	\$ 265,000	\$ 265,000	\$ —
59000 - Developer Contributions	\$ 1,192,662	\$ 1,192,662	\$ —
59913 - Trs In - Capital Proj Reserves	\$ 1,000,000	\$ 859,416	\$ 140,584

Project ID/Name: 1381 Great America Parkway Pavement Rehabilitation

Status: Closed.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59000 - Developer Contributions	\$ 1,550,782	\$ 1,346,266	\$ 204,516

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City of Santa Clara

The Center of What's Possible

General Government Funds

- **Fund 532 – Parks and Recreation**
- **Fund 535 – Storm Drains**
- **Fund 536 – Fire Department**
- **Fund 537 – Library Department**
- **Fund 538 – Public Buildings**
- **Fund 539 – General Government - Other**

Fund 532

Parks and Recreation



Projects related to the acquisition, development, and capital improvement of neighborhood and community parks, recreation facilities, and open space to meet the needs of City residents.

Financing Sources:

- Developer Contributions
- Donations
- Grants
- Mitigation Fees
- Quimby Fees
- Reserves

FUND 532 - PARKS AND RECREATION

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental								
Grant Funding	55580 \$ 590,249	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	590,249
Subtotal	\$ 590,249	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	590,249
Op Transfers								
Trs In - Miscellaneous	59900 \$ —	\$ 65,410	\$ —	\$ —	\$ —	\$ —	\$ —	65,410
Trs In - Capital Proj Reserves	59913 795,000	251,728	275,850	226,276	236,700	252,126	267,550	2,305,230
Trs In - Land Sale Reserves	59915 23,330,000	—	—	—	—	—	—	23,330,000
Intra Trs In - Dev Contrbts	59941 250,000	310,000	—	—	—	—	—	560,000
Subtotal	\$ 24,375,000	\$ 627,138	\$ 275,850	\$ 226,276	\$ 236,700	\$ 252,126	\$ 267,550	\$ 26,260,640
Other Revenues								
Quimby Act Fees	56220 \$ 272,172	\$ 966,448	\$ 1,315,000	\$ 1,215,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 4,133,620
Mitigation Fee Act	56230 7,682,508	3,318,739	1,160,000	1,000,000	—	—	—	13,161,247
Developer Contributions	59000 6,473,412	—	—	—	—	—	—	6,473,412
Donations	59650 2,097	1,306	—	—	—	—	—	3,403
Subtotal	\$ 14,430,189	\$ 4,286,493	\$ 2,475,000	\$ 2,215,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 23,771,682
Total Financing Sources	\$ 39,395,438	\$ 4,913,631	\$ 2,750,850	\$ 2,441,276	\$ 356,700	\$ 372,126	\$ 392,550	\$ 50,622,571

* Amount represents cumulative appropriations since project inception.

FUND 532 - PARKS AND RECREATION

FUND SUMMARY

APPROPRIATIONS

Description		Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures									
Engineering	80100	\$ 2,815,058	\$ 969,258	\$ 19,985,750	\$ 360,125	\$ 183,500	\$ 114,375	\$ 210,250	\$ 24,638,316
Land	80200	13,330,000	—	—	—	—	—	—	13,330,000
Construction	80300	22,974,523	3,454,302	30,501,515	70,233,443	51,349,650	19,993,938	1,948,225	200,455,596
Contingency	80400	41,820	409,669	2,883,510	7,359,820	5,040,000	1,900,000	200,000	17,834,819
Equipment	80500	10,000	30,000	—	45,000	—	50,000	—	135,000
Salary And Wages	87010	224,037	50,402	100,075	65,388	33,550	33,813	34,075	541,340
Subtotal Appropriations		\$ 39,395,438	\$ 4,913,631	\$ 53,470,850	\$ 78,063,776	\$ 56,606,700	\$ 22,092,126	\$ 2,392,550	\$ 256,935,071
Less: Deferred/Unfunded**			—	(50,720,000)	(75,622,500)	(56,250,000)	(21,720,000)	(2,000,000)	(206,312,500)
Total Appropriations		\$ 39,395,438	\$ 4,913,631	\$ 2,750,850	\$ 2,441,276	\$ 356,700	\$ 372,126	\$ 392,550	\$ 50,622,571
Operating Impact			\$ 85,000	\$ 85,000	\$ 2,085,000	\$ 2,585,000	\$ —	\$ —	\$ 4,840,000

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 17,243,848	\$ 12,882,239	\$ 18,317,637	\$ 80,774,276	\$ —	\$ 129,218,000
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 532 - PARKS AND RECREATION

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Distinct	3001	Park Improvements	\$ 1,209,886	\$ 390,762	\$ 819,124	\$ 467,138	\$ 1,286,262
Ongoing	3008	Townsend Field, Washington Ball Park, Elmer Johnson Field Maintenance	485,000	172,273	312,727	185,000	497,727
Work Order	3009	Park Tree & Asset Inventory Work Order System	—	—	—	100,000	100,000
Distinct	3172	International Swim Center, Community Recreation Center, ISHOF	2,310,563	1,572,328	738,235	—	738,235
Distinct	3177	Youth Soccer Fields & Athletic Facilities- Reed & Grant Street	28,302,474	14,979,221	13,323,253	—	13,323,253
Ongoing	3178	Playground Construction	1,280,441	632,549	647,892	837,734	1,485,626
Distinct	3179	Ulistac Natural Area Maintenance	215,249	43,872	171,377	—	171,377
Distinct	3180	Youth Soccer Park Fields #1, #2 & #3	1,850,000	1,242,615	607,385	—	607,385
Ongoing	3181	Park Impact Fees (Quimby, MFA, Developer) Monitoring Project	496,622	72,538	424,084	73,759	497,843
Distinct	3182	New Neighborhood Park & Community Garden (San Tomas & Monroe)	2,745,203	278,856	2,466,347	60,000	2,526,347
Distinct	3183	Central Park Arbor Playground	500,000	—	500,000	—	500,000
Distinct	3184	Montague Park Enhancement	—	—	—	3,190,000	3,190,000
Total			\$ 39,395,438	\$ 19,385,014	\$ 20,010,424	\$ 4,913,631	\$ 24,924,055

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3001 Park Improvements
Project Type: Distinct
Program: 1132
Theme: Public Systems and Facilities
Location: Various facilities throughout the park system.

Estimated Expenditures through 2016-17	\$ 390,762
Estimated Carryforward into 2017-18	\$ 819,124
Total Available Appropriations	\$ 1,286,262

Description: Refurbishment, reconstruction preventative maintenance of park playgrounds, pathways, parking lots, signs, picnic areas, irrigation systems, restrooms, windows and building exteriors, sports turf, lighting, HVAC, electrical systems, roofs, security systems and related facilities. FY 1718 increased to include rehabilitation of the Marsalli Park restrooms, to meet ADA standards.

Justification: Council goal: Enhance sports & recreational assets. To replace and/or upgrade parks & recreation equipment and facilities which are worn and require replacement or do not meet current code and safety requirements; and to install additional equipment to enhance safety, quality and variety of park amenities.

Duration: Q1 2017 to Q4 2019

Status: Projects are identified during the year and engineered and constructed on an annual basis. One half of one (1) unrestricted developer contribution expected mid-2016 (from pre-parkland dedication ordinance 17.35) to provide source of funds allocated to miscellaneous park projects 2016-2022.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 1,208,159	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,208,159
59650 - Donations	1,727	—	—	—	—	—	—	1,727
59913 - Trs In - Capital Proj Reserves	—	217,138	165,850	171,276	176,700	182,126	187,550	1,100,640
59941 - Intra Trs In - Dev Contrbtns	—	250,000	—	—	—	—	—	250,000
Total	\$ 1,209,886	\$ 467,138	\$ 165,850	\$ 171,276	\$ 176,700	\$ 182,126	\$ 187,550	\$ 2,560,526
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 124,225	\$ 875	\$ 26,750	\$ 27,625	\$ 28,500	\$ 29,375	\$ 30,250	\$ 267,600
80300 - Construction	1,024,124	393,668	131,075	135,363	139,650	143,938	148,225	2,116,043
80400 - Contingencies/ Misc	—	64,569	—	—	—	—	—	64,569
87010 - Salary And Wages - Regular	61,537	8,026	8,025	8,288	8,550	8,813	9,075	112,314
Subtotal	\$ 1,209,886	\$ 467,138	\$ 165,850	\$ 171,276	\$ 176,700	\$ 182,126	\$ 187,550	\$ 2,560,526
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,209,886	\$ 467,138	\$ 165,850	\$ 171,276	\$ 176,700	\$ 182,126	\$ 187,550	\$ 2,560,526
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project Type: Ongoing
Program: 1132
Theme: Public Systems and Facilities
Location: 250 Washington Street, Buchser Middle School Campus

Estimated Expenditures through 2016-17	\$	172,273
Estimated Carryforward into 2017-18	\$	312,727
Total Available Appropriations	\$	497,727

Description: Maintenance costs of the football, baseball, softball fields & support structures (Townsend Field-1940's, Washington Ball Park-1933, Elmer Johnson Field -1964) at Buchser Middle School Campus are a contractual obligation between City and SCUSD since 1999. The facility includes buildings and grounds, turf, irrigation & landscape repairs, painting, electrical, mechanical systems, roof, stands, code compliance, etc. In 2015, the City entered into an agreement with the SCUSD for improvement and community use of the 8 tennis courts at Buchser (on Bellomy).

Justification: Council goal: Enhance sports & recreational assets. The sports complex is heavily used by the school district, City and youth sports & community groups. Ongoing maintenance of the aging infrastructure is necessary for safety, function and usability. Chapter 17.35 City Code (Quimby Act & Mitigation Fee Act) in-lieu fees may fund major rehabilitation and capital improvements at existing recreational and park facilities which will serve residents of the new development (Community Park & Recreation Facilities).

Duration: Q1 2013 to Ongoing

Status: On an annual basis, as housing is approved and funding is received, projects will be brought forward to council for funding approval.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56220 - Quimby Act Fees	\$ —	\$ 127,420	\$ 115,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 722,420
56230 - Mitigation Fee Act	—	57,580	—	—	—	—	—	57,580
59000 - Developer Contributions	385,000	—	—	—	—	—	—	385,000
59913 - Trs In - Capital Proj Reserves	100,000	—	—	—	—	—	—	100,000
Total	\$ 485,000	\$ 185,000	\$ 115,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 1,265,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 185,000	\$ 10,000	\$ 90,000	\$ 12,500	\$ 95,000	\$ 15,000	\$ 100,000	\$ 507,500
80300 - Construction	205,000	140,000	—	2,665,000	—	2,750,000	—	5,760,000
80500 - Equipment	10,000	30,000	—	45,000	—	50,000	—	135,000
87010 - Salary And Wages - Regular	85,000	5,000	25,000	15,000	25,000	25,000	25,000	205,000
Subtotal	\$ 485,000	\$ 185,000	\$ 115,000	\$ 2,737,500	\$ 120,000	\$ 2,840,000	\$ 125,000	\$ 6,607,500
Less: Deferred/Unfunded		—	—	(2,622,500)	—	(2,720,000)	—	(5,342,500)
Total	\$ 485,000	\$ 185,000	\$ 115,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 1,265,000
Operating Impact		\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ —	\$ —	\$ 340,000

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3009 Park Tree & Asset Inventory Work Order System

Project Type: Work Order

Program: 1132

Theme: Public Systems and Facilities

Location: All City Parks & Open Space

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Description: System-wide park asset inventory and work order system to effectively monitor/manage park trees, assets and infrastructure including: location, age, condition, and maintenance records and status. Funds inventory of assets, application/hardware, tree maintenance & replacement in City parks.

Justification: Council goal: Deliver & enhance high quality, efficient services and infrastructure. Project will inventory all park assets and trees, improve analytics and maintenance effectiveness. Associated hardware & software application will provide mobile initiation and tracking of work orders including trees and park infrastructure due to age, safety, damage, vandalism. Increase public information related to park infrastructure, better forecasting, quantitative and qualitative reporting. Fund tree replacement and habitat restoration.

Duration: Q1 2018 to Q4 2018

Status: Conducting asset inventory (trees) and placing asset information into data base. Planning purchase of field equipment, Lucity software implementation to enable work order tracking. Next items to inventory: irrigation systems; park lighting & electrical; park pathways & signs; scan asset construction and maintenance records. My Santa Clara integration for external work order initiation.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59900 - Trs In - Miscellaneous	\$ —	\$ 65,410	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 65,410
59913 - Trs In - Capital Proj Reserves	—	34,590	110,000	55,000	60,000	70,000	80,000	409,590
Total	\$ —	\$ 100,000	\$ 110,000	\$ 55,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 475,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 100,000	\$ 110,000	\$ 55,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 475,000
	\$ —	\$ 100,000	\$ 110,000	\$ 55,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 475,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 110,000	\$ 55,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 475,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3172 International Swim Center, Community Recreation Center, ISHOF

Project Type: Distinct

Program: 1133

Theme: Public Systems and Facilities

Location: International Swim Center - 2625 Patricia Drive

Estimated Expenditures through 2016-17	\$ 1,572,328
Estimated Carryforward into 2017-18	\$ 738,235
Total Available Appropriations	\$ 738,235

Description: Design & construction of new International Swim Center (ISC), replacement of the Community Recreation Center (CRC) and the addition of the International Swimming Hall of Fame (ISHOF). The phased project will include ISC--two 50 meter pools and swim arena for competitive swimming, diving, synchronized swimming, water polo, and state of art exhibit space for ISHOF; CRC--community pool for water therapy, recreation and instructional classes; gymnasium, and fitness center; multipurpose rooms for recreational classes; theatre and other spaces. Parking garage and early childhood enrichment.

Justification: Council goal: Replace the ISC--the existing George Haines ISC (1966) is deteriorating beyond its life expectancy; the CRC (1975) is undersized for future and not designed for current recreation, community health & wellness classes, and theatre needs; ISHOF is moving to Santa Clara.

Duration: Q1 2013 to Q4 2022

Status: 2013--Completed alternative design concepts, business models, funding options and public opinion survey. 2014--Completed schematic design & public and stakeholder input. 2015--Completed additional outreach, environmental, geotechnical, traffic, site survey and related internal project review of design & engineering (PCC). 2016--Presentation of final project schematic design and cost estimates and project construction phasing to Council, CEQA, begin capital campaign and construction documents. 2017- RFP issued for a financial consultant to assist with a capitol campaign, municipal finance advice, public opinion and public/private partnership options.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56220 - Quimby Act Fees	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
56230 - Mitigation Fee Act	160,463	—	—	—	—	—	—	160,463
59000 - Developer Contributions	1,900,100	—	—	—	—	—	—	1,900,100
Total	\$ 2,310,563	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,310,563
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,887,500	\$ —	\$ 19,260,000	\$ —	\$ —	\$ —	\$ —	\$ 21,147,500
80300 - Construction	423,063	—	26,883,400	65,668,000	51,210,000	17,100,000	1,800,000	163,084,463
80400 - Contingencies/Misc	—	—	2,856,600	7,332,000	5,040,000	1,900,000	200,000	17,328,600
Subtotal	\$ 2,310,563	\$ —	\$ 49,000,000	\$ 73,000,000	\$ 56,250,000	\$ 19,000,000	\$ 2,000,000	\$ 201,560,563
Less: Deferred/Unfunded		—	(49,000,000)	(73,000,000)	(56,250,000)	(19,000,000)	(2,000,000)	(199,250,000)
Total	\$ 2,310,563	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,310,563
Operating Impact		\$ —	\$ —	\$ 2,000,000	\$ 2,500,000	\$ —	\$ —	\$ 4,500,000

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3177 Youth Soccer Fields & Athletic Facilities- Reed & Grant Street

Project Type: Distinct

Program: 1132

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2016-17	\$ 14,979,221
Estimated Carryforward into 2017-18	\$ 13,323,253
Total Available Appropriations	\$ 13,323,253

Description: In September 2013, Council adopted a strategic goal to “Enhance Community Sports and Recreational Assets” to address the immediate demand and the future need for additional community soccer and other recreational and athletic facilities. The project addresses the Council goal to provide additional youth sports facilities to host practices, games and tournaments based on the athletic needs assessment. Site specific issues will be addressed through the community input and design processes.

Justification: After completion of a Youth Sports Complex Needs Assessment and Feasibility Study in March 2014, Council approved Capital Improvement Project (CIP) #3177 Additional Soccer Fields & Athletic Facilities and appropriated \$2 million of the total \$10 million estimated budget needed. Council Agenda Item 17.C- Allocated \$5,945,474 to develop and construct a Youth Sports Complex at Reed and Grant Street. Project will go out to bid in November 2017.

Duration: Q3 2014 to Q4 2020

Status: The current phase of work includes planning, engineering, design, construction cost estimating and bidding for particular locations as they are identified and selected. Council directed site work on a SVP owned parcel at Reed and Grant Street adjacent to the City’s Dog Park.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56230 - Mitigation Fee Act	\$ 5,612,474	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,612,474
59915 - Trs In - Land Sale Reserves	22,690,000	—	—	—	—	—	—	22,690,000
Total	\$ 28,302,474	\$ —	\$ 28,302,474					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80200 - Land	\$ 13,330,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 13,330,000
80300 - Construction	14,972,474	—	—	—	—	—	—	14,972,474
Subtotal	\$ 28,302,474	\$ —	\$ 28,302,474					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 28,302,474	\$ —	\$ 28,302,474					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3178 **Playground Construction**
Project Type: Ongoing
Program: 1132
Theme: Public Systems and Facilities
Location: Various Parks: Agnew, Bowers, Bracher, Henry Schmidt

Estimated Expenditures through 2016-17	\$ 632,549
Estimated Carryforward into 2017-18	\$ 647,892
Total Available Appropriations	\$ 1,485,626

Description: Complete design and construction of age appropriate, accessible playgrounds at each park site in conformance with ADA 2010 Standards, CA State law, CPSC guidelines.

Justification: Installation of new playgrounds and amenities at both existing and new sites will meet the needs of increased population/new development, a diversity of demand and new legal requirements. Playgrounds are accessible and serve the needs of the entire community.

Duration: Q3 2014 to Ongoing

Status: Planning, design & construction: Homeridge- 1956, Bowers-1957, Machado-1961, Maywood-1961, Westwood Oaks, Warburton-1954, Agnew 1970, Mary Gomez-1958.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56220 - Quimby Act Fees	\$ —	\$ 836,428	\$ 1,000,000	\$ 1,000,000	\$ —	\$ —	\$ —	\$ 2,836,428
56230 - Mitigation Fee Act	535,121	—	1,000,000	1,000,000	—	—	—	2,535,121
59000 - Developer Contributions	620,320	—	—	—	—	—	—	620,320
59650 - Donations	—	1,306	—	—	—	—	—	1,306
59913 - Trs In - Capital Proj Reserves	125,000	—	—	—	—	—	—	125,000
Total	\$ 1,280,441	\$ 837,734	\$ 2,000,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 6,118,175

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 68,500	\$ 195,000	\$ 175,000	\$ 175,000	\$ —	\$ —	\$ —	\$ 613,500
80300 - Construction	1,137,621	586,634	1,767,040	1,765,080	—	—	—	5,256,375
80400 - Contingencies/Misc	41,820	26,100	26,910	27,820	—	—	—	122,650
87010 - Salary And Wages - Regular	32,500	30,000	31,050	32,100	—	—	—	125,650
Subtotal	\$ 1,280,441	\$ 837,734	\$ 2,000,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 6,118,175
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,280,441	\$ 837,734	\$ 2,000,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 6,118,175

Operating Impact \$ — \$ — \$ — \$ — \$ — \$ — \$ — \$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3179 Ulistac Natural Area Maintenance

Project Type: Distinct

Program: 1132

Theme: Public Systems and Facilities

Location: Ulistac Natural Area (UNA), 4901 Lick Mill Blvd.

Estimated Expenditures through 2016-17	\$	43,872
Estimated Carryforward into 2017-18	\$	171,377
Total Available Appropriations	\$	171,377

Description: Ulistac Natural Area park site projects include native habitat restoration, removal of non-native species, environmental interpretation, trail construction, irrigation, and general clean-up.

Justification: The Ulistac Natural Area Master plan (2000) includes annual maintenance of the entire site as well as smaller projects to enhance the park for use and enjoyment by City residents. Periodic City-initiated, grant funded projects and ongoing volunteer supported efforts allow for implementation of the master plan goals.

Duration: Q1 2015 to Q4 2019

Status: Various annual maintenance tasks. SCVWD grant application includes levee trail access and rehabilitation, habitat restoration, and removal of non-native vegetation.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 165,249	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 165,249
59000 - Developer Contributions	50,000	—	—	—	—	—	—	50,000
Total	\$ 215,249	\$ —	\$ 215,249					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
80300 - Construction	165,249	—	—	—	—	—	—	165,249
87010 - Salary And Wages - Regular	25,000	—	—	—	—	—	—	25,000
Subtotal	\$ 215,249	\$ —	\$ 215,249					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 215,249	\$ —	\$ 215,249					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3180 Youth Soccer Park Fields #1, #2 & #3
Project Type: Distinct
Program: 1132
Theme: Public Systems and Facilities
Location: Youth Soccer Park Field #2 -Stars & Stripes Blvd.

Estimated Expenditures through 2016-17	\$ 1,242,615
Estimated Carryforward into 2017-18	\$ 607,385
Total Available Appropriations	\$ 607,385

Description: Youth Soccer Park, dedicated in 2005, has three full-size lighted soccer fields: one synthetic Field Turf (Field 2 = 2.35 acres) and two Tifway II natural bermuda grass/sand (Fields 1 & 3 = 4.42 acres). The synthetic field #2 has reached the end of its useful life and is deteriorating and was replaced in FY16-17. Field #3 project is a conversion from natural turf to synthetic turf that requires a complete redesign, additional engineering and triggers code upgrades to the YSP facility in FY17-18. Field #1 will be regraded in Q2 of FY18-19.

Justification: Council goal: Enhance sports & recreational assets. Provides playable field surface for practices, games and tournaments for 2,500 youth. Conversion of Field #3 from natural grass to Synthetic turf will provide additional game capacity (>5 per day) and during winter season and wet conditions.

Duration: Q1 2015 to Q4 2019

Status: City has contracted with LPA, Inc. to do the design and engineering. Additional funding is needed for construction of Field #3, based on project cost estimates and additional scope of work items.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 640,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 640,000
59913 - Trs In - Capital Proj Reserves	570,000	—	—	—	—	—	—	570,000
59915 - Trs In - Land Sale Reserves	640,000	—	—	—	—	—	—	640,000
Total	\$ 1,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,850,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 70,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 70,000
80300 - Construction	1,770,000	—	1,720,000	—	—	—	—	3,490,000
87010 - Salary And Wages - Regular	10,000	—	—	—	—	—	—	10,000
Subtotal	\$ 1,850,000	\$ —	\$ 1,720,000	\$ —	\$ —	\$ —	\$ —	\$ 3,570,000
Less: Deferred/Unfunded		—	(1,720,000)	—	—	—	—	(1,720,000)
Total	\$ 1,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,850,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3181 **Park Impact Fees (Quimby, MFA, Developer) Monitoring Project**

Project Type: Ongoing

Program: 1135

Theme: Public Systems and Facilities

Location: Parks & Recreation Administration.

Estimated Expenditures through 2016-17	\$	72,538
Estimated Carryforward into 2017-18	\$	424,084
Total Available Appropriations	\$	497,843

Description: Chapter 17.35 of the City Code adopted by Ordinance #1928 in July 2014 and supported by California Quimby Act and Mitigation Fee Act established parkland dedication and/or Fees due in lieu of dedication. Up to 2% of fees are set aside for program implementation & monitoring activities including park system nexus study, audit and land valuation/acquisition.

Justification: To allow for proper implementation, accounting and use of program funds generated according to the legal requirements of Quimby Act, Mitigation Fee Act, general accounting and appraisal practices.

Duration: Q3 2014 to Ongoing

Status: Nexus Study and land valuation activities conducted FY 2014-15. New residential housing project proposals applications reviewed by P&R Admin when submitted. Land valuation conducted in 2015 and reviewed in 2016.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56220 - Quimby Act Fees	\$ 22,172	\$ 2,600	\$ 200,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 324,772
56230 - Mitigation Fee Act	224,450	71,159	160,000	—	—	—	—	455,609
59941 - Intra Trs In - Dev Contrbtns	250,000	—	—	—	—	—	—	250,000
Total	\$ 496,622	\$ 73,759	\$ 360,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,030,381
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 40,000	\$ 66,383	\$ 324,000	\$ 90,000	\$ —	\$ —	\$ —	\$ 520,383
80300 - Construction	446,622	—	—	—	—	—	—	446,622
87010 - Salary And Wages - Regular	10,000	7,376	36,000	10,000	—	—	—	63,376
Subtotal	\$ 496,622	\$ 73,759	\$ 360,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,030,381
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 496,622	\$ 73,759	\$ 360,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,030,381
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3182 **New Neighborhood Park & Community Garden (San Tomas & Monroe)**

Project Type: Distinct

Program: 1132

Theme: Public Systems and Facilities

Location: San Tomas Expressway & Monroe Blvd

Estimated Expenditures through 2016-17	\$ 278,856
Estimated Carryforward into 2017-18	\$ 2,466,347
Total Available Appropriations	\$ 2,526,347

Description: In February 2015 Council directed staff to develop conceptual design for a new neighborhood park and community garden on a City owned, deed-restricted parcel at the southwest corner of San Tomas Expressway and Monroe Blvd. adjacent to the San Tomas Aquino Creek Trailhead. The park will provide close to two acres of developed neighborhood park and community garden space and support additional creek trail amenities.

Justification: Council goal: Enhance Community Sports and Recreational Assets. Santa Clara Park & Recreation Facilities Development Impact--Nexus Study (Willdan-2014) indicates City will need 97-115 acres of new developed parkland to meet the needs of residential growth. The undeveloped parcel will add an additional 2 acres of parkland and is in an underserved high density area of Santa Clara, accessible to entire community by major expressway and bike trail.

Duration: Q2 2016 to Q4 2019

Status: In December 2015, design contract approved with Gates & Associates, Inc. in the amount of \$218,000 to conduct community outreach, planning, design, engineering, site survey, construction estimating and management services. Construction anticipated mid FY 18-19.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 425,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 425,000
56230 - Mitigation Fee Act	1,150,000	—	—	—	—	—	—	1,150,000
59000 - Developer Contributions	1,169,833	—	—	—	—	—	—	1,169,833
59650 - Donations	370	—	—	—	—	—	—	370
59941 - Intra Trs In - Dev Contrbtns	—	60,000	—	—	—	—	—	60,000
Total	\$ 2,745,203	\$ 60,000	\$ —	\$ 2,805,203				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 299,833	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 299,833
80300 - Construction	2,445,370	60,000	—	—	—	—	—	2,505,370
Subtotal	\$ 2,745,203	\$ 60,000	\$ —	\$ 2,805,203				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,745,203	\$ 60,000	\$ —	\$ 2,805,203				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3183 Central Park Arbor Playground
Project Type: Distinct
Program: 1132
Theme: Public Systems and Facilities
Location: Central Park

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	500,000
Total Available Appropriations	\$	500,000

Description: Central Park Arbor Playground redesign & expansion, renovation & equipment replacement for accessibility & safety.
Justification: Design and community input for 2016-17. Followed by construction after design phase. Developer Contribution from Prometheus. Project meets the City Council goal and objective to continue planning and development of City-owned parks and recreational open space.
Duration: Q1 2017 to Q4 2018
Status: Design and community input for FY 2016-17. Followed by construction after design phase. Project delayed. Funding carried forward.
Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Total	\$ 500,000	\$ —	\$ 500,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 115,000
80300 - Construction	385,000	—	—	—	—	—	—	385,000
Subtotal	\$ 500,000	\$ —	\$ 500,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ 500,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3184 **Montague Park Enhancement**

Project Type: Distinct

Program: 1143

Theme: Public Systems and Facilities

Location: Citywide

Description: Montague Park enhancement to include building replacement, parking improvements, new playground, new barbeque area, and new perimeter pathways.

Justification: One Council goal is to enhance sports and recreational assets. During the 2015 community input process for Montague Park, replacement of the deteriorated building was identified. Further design was delayed until an alternative funding source (not athletic facilities) could be identified.

Duration: Q1 2018 to Q4 2019

Status: We will begin community outreach and design work in FY2017-18.

Department/Contact: Parks & Rec/James Teixeira

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	3,190,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56230 - Mitigation Fee Act	\$ —	\$ 3,190,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,190,000
Total	\$ —	\$ 3,190,000	\$ —	\$ 3,190,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 597,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 597,000
80300 - Construction	—	2,274,000	—	—	—	—	—	2,274,000
80400 - Contingencies/ Misc	—	319,000	—	—	—	—	—	319,000
Subtotal	\$ —	\$ 3,190,000	\$ —	\$ 3,190,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 3,190,000	\$ —	\$ 3,190,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 532-004	Park Service Center Upgrade & Restroom ADA				
First Year Funding Requested:	2017	Status: Future				
Description:	Remodel existing Park Service Center bathrooms and construction of employee locker and shower facilities to provide ADA accessible facility.					
Justification:	The Park Service Center building is not ADA accessible and dates from 1967.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ 113,598	\$ 786,402	\$ —	\$ 900,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Project Name:	Future 532-006	Fairway Glen Park-Phase II Restroom				
First Year Funding Requested:	2017	Status: Future				
Description:	Phase II to include installation of a restroom building.					
Justification:	There is no restroom at this park. It contains a playground, tennis courts and picnic facilities.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ 77,797	\$ 432,203	\$ —	\$ 510,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Project Name:	Future 532-007	Fuller Street Park-Phase II Sport Court				
First Year Funding Requested:	2017	Status: Future				
Description:	Phase II to include design and construction of Sport Courts on south side.					
Justification:	The park design includes an undeveloped area for a sports court. Funding is needed for design and construction.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ 43,859	\$ 251,141	\$ —	\$ 295,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Project Name:	Future 532-008	Live Oak Park Sport Turf Renovation				
First Year Funding Requested:	2017	Status: Future				
Description:	Redesign and construction of a multi-sport game/practice field.					
Justification:	The field is heavily used for sports and by Don Callejon School and has drainage issues. Redesign would improve playability of the turf.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ 92,887	\$ 832,113	\$ —	\$ 925,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 532-014	Montague Swim Center Renovation				
First Year Funding Requested:	2017	Status: Future				
Description:	Renovation of Montague Swim Center facility (pool, decks, mechanical room, lobby/locker/shower building, lighting) and associated parking to support expanded year round access and programming.					
Justification:	Council goal to upgrade sports and recreational assets.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ —	\$ 975,000	\$ —	\$ 975,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Project Name:	Future 532-015	Ulistac Nature Education Facility				
First Year Funding Requested:	2017	Status: Future				
Description:	Construction of interpretive center with restrooms, instructional space, native plant nursery, permeable off street parking and renovated informational panels.					
Justification:	Enhancement of Ulistac Natural area with facility initially proposed for NEF grant funding. Provide enhanced learning experience for community as well as off street parking and restrooms.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ —	\$ 1,462,500	\$ —	\$ 1,462,500
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Project Name:	Future 532-016	Youth Sports Complex (Land Acquisition & Construction)				
First Year Funding Requested:	2017	Status: Future				
Description:	Needs Assessment indicates 30 acres and Sports Facilities construction to meet increased demand. Four soccer fields, one baseball field, lacrosse/ cricket pitch, gymnasium, ten tennis courts, BMX and Emerging X-sports.					
Justification:	2014 needs assessment.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 1,268,283	\$ 6,770,304	\$ 13,969,496	\$ 71,991,917	\$ —	\$ 94,000,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 532-017	Retrofit of City Parks with Recycled Water				
First Year Funding Requested:	2017	Status:	Future			
Description:	Complete design and construction of two recycled water retrofit projects.					
Justification:	Reduce potable water consumption.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 1,075,565	\$ 1,111,935	\$ —	\$ —	\$ —	2,187,500
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name:	Future 532-018	Parkland Acquisition 2015-2035 GP				
First Year Funding Requested:	2017	Status:	Future			
Description:	In July 2014, Council added City Code Chapter 17.35 "Park and Recreational Land" to ensure that new residential development provides adequate park land for active recreational uses and/or pays a fee in-lieu of parkland dedication to mitigate the impacts of the new growth. The Nexus Study 2014 indicates a need to acquire 97-115 acres of parkland over General Plan horizon of 2010-2035.					
Justification:	Council goal and General Plan (2010-2035) policy: purchase of new public parkland per the Quimby Act and the Fee Mitigation Act guidelines. Project meets the City Council goal and objective to continue planning and development of City-owned parks and recreational open space.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 7,400,000	\$ —	\$ —	\$ —	\$ —	7,400,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name:	Future 532-019	Infrastructure Requirements				
First Year Funding Requested:	2017	Status:	Future			
Description:	To address infrastructure needs that are determined by the Parks & Rec infrastructure study.					
Justification:	Improvements to various Parks infrastructure due to aging facilities.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 7,500,000	\$ 5,000,000	\$ 3,500,000	\$ —	\$ —	16,000,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 532 - PARKS AND RECREATION

PROJECTS CLOSING IN 2017-18

Project ID/Name: 3002 Community Recreation Center Refurbishment

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59000 - Developer Contributions	\$ 25,000	\$ 12,043	\$ 12,957

Project ID/Name: 3003 Tennis & Sports Court Resurfacing & Lighting

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 65,000	\$ 54,413	\$ 10,587
56230 - Mitigation Fee Act	\$ 200,000	\$ —	\$ 200,000
59913 - Trs In - Capital Proj Reserves	\$ —	\$ —	\$ —

Project ID/Name: 3004 Youth Activity Center Refurbishment

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 50,000	\$ 50,000	\$ —
59913 - Trs In - Capital Proj Reserves	\$ 324,056	\$ 147,740	\$ 176,316

Project ID/Name: 3005 Senior Center Refurbishment

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 51,659	\$ 51,659	\$ —
56230 - Mitigation Fee Act	\$ 150,000	\$ 86,333	\$ 63,667

Project ID/Name: 3006 Teen Center Refurbishment

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 25,000	\$ —	\$ 25,000

FUND 532 - PARKS AND RECREATION

PROJECTS CLOSING IN 2017-18

Project ID/Name: 3007 Mission City Center for Performing Arts Maintenance

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 50,000	\$ 50,000	—
59913 - Trs In - Capital Proj Reserves	\$ 175,000	\$ 75,982	99,018

Project ID/Name: 3010 Park Building Roof & Structure Rehabilitation & Replacement

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 150,000	\$ 53,368	96,632

Project ID/Name: 3176 Miscellaneous Swim Pool Improvements - Phase VI

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59941 - Intra Trs In - Dev Contrbtns	\$ 30,000	\$ 30,000	—
59650 - Donations	\$ 11,228	\$ 11,228	—
59913 - Trs In - Capital Proj Reserves	\$ 120,000	\$ 116,896	3,104

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Fund 535

Storm Drains



Projects related to the expansion, reconstruction, and rehabilitation of the storm drain system.



Financing Sources:

- Capital Projects Reserve
- Developer Contributions
- Storm Drain Charges

FUND 535 - STORM DRAINS

FUND SUMMARY

FINANCING SOURCES

Description		Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services									
Storm Drain Outlet Charges	56290	\$ 1,097,077	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,097,077
Subtotal		\$ 1,097,077	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,097,077
Op Transfers									
Trs In - Capital Proj Reserves	59913	\$ 6,633,652	\$ 840,000	\$ 6,555,000	\$ 550,000	\$ 850,000	\$ 550,000	\$ 850,000	\$ 16,828,652
Intra Trs In - Cust Svc Chrg	59945	1,417,039	—	250,000	—	300,000	—	—	1,967,039
Subtotal		\$ 8,050,691	\$ 840,000	\$ 6,805,000	\$ 550,000	\$ 1,150,000	\$ 550,000	\$ 850,000	\$ 18,795,691
Other Revenues									
Developer Contributions	59000	\$ 145,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 145,500
Subtotal		\$ 145,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 145,500
Total Financing Sources		\$ 9,293,268	\$ 840,000	\$ 6,805,000	\$ 550,000	\$ 1,150,000	\$ 550,000	\$ 850,000	\$ 20,038,268

* Amount represents cumulative appropriations since project inception.

FUND 535 - STORM DRAINS

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 433,660	\$ —	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,933,660
Construction	80300 8,642,179	840,000	13,610,000	7,615,000	8,220,000	7,625,000	7,930,000	54,482,179
Contingency	80400 83,753	—	725,000	500,000	500,000	500,000	500,000	2,808,753
Salary And Wages	87010 133,676	—	30,000	—	—	—	—	163,676
Subtotal Appropriations	\$ 9,293,268	\$ 840,000	\$ 14,865,000	\$ 8,615,000	\$ 9,220,000	\$ 8,625,000	\$ 8,930,000	\$ 60,388,268
Less: Deferred/Unfunded**		—	(8,060,000)	(8,065,000)	(8,070,000)	(8,075,000)	(8,080,000)	(40,350,000)
Total Appropriations	\$ 9,293,268	\$ 840,000	\$ 6,805,000	\$ 550,000	\$ 1,150,000	\$ 550,000	\$ 850,000	\$ 20,038,268
Operating Impact		\$ 40,000	\$ 60,000	\$ 60,000	\$ 100,000	\$ 105,000	\$ 110,000	\$ 475,000

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,600,000
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 535 - STORM DRAINS

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	1811	Pump Station Rehabilitation	\$ 880,000	\$ 784,367	\$ 95,633	\$ 40,000	\$ 135,633
Ongoing	1830	Development Extensions	83,473	—	83,473	—	83,473
Ongoing	1831	Miscellaneous Storm Drain Improvements	871,028	632,313	238,715	50,000	288,715
Ongoing	1834	Storm Drain System Improvements	560,374	391,865	168,509	30,000	198,509
Ongoing	1835	Storm Drain Outfall Reconstruction Program	973,000	744,313	228,687	50,000	278,687
Distinct	1837	Storm Water Retention Basin Remediation	2,449,887	549,222	1,900,665	220,000	2,120,665
Ongoing	1838	Storm Pump Motor and Control Replacement	1,290,317	1,020,040	270,277	450,000	720,277
Ongoing	1839	Urban Runoff Pollution Prevention Program (URPPP)	1,754,689	1,627,851	126,838	—	126,838
Distinct	1840	Kiely Blvd.-Saratoga Creek Storm Drain Outfall Relocation	145,500	20,000	125,500	—	125,500
Distinct	1841	Laurelwood Pump Station Rehabilitation	285,000	—	285,000	—	285,000
		Total	\$ 9,293,268	\$ 5,769,971	\$ 3,523,297	\$ 840,000	\$ 4,363,297

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 535 - STORM DRAINS

Project ID/Name: 1811 Pump Station Rehabilitation

Project Type: Ongoing

Program: 2921

Theme: Public Systems and Facilities

Location: Various pump station locations.

Estimated Expenditures through 2016-17	\$	784,367
Estimated Carryforward into 2017-18	\$	95,633
Total Available Appropriations	\$	135,633

Description: Rehabilitation of pump station facilities and buildings, including painting, site improvements, roof rehabilitations, generator repairs and load tests, minor facility modifications, and minor repairs to outfall pipes and check valves and OSHA safety compliance.

Justification: Required to maintain the control houses for the existing storm pump stations in proper repair.

Duration: Q1 2011 to Ongoing

Status: Based on a 2010 Storm Pump Station Study, an annual contribution into a sinking fund is necessary to adequately plan for the maintenance and replacement of pump stations. Video inspections of storm pump station outfalls that drain into San Tomas Aquino Creek were performed in FY 16/17 that identified some repairs that are needed. The repairs will occur in FY 17/18.

Department/Contact: Public Works/Dave Staub

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 520,000	\$ 40,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 560,000
59945 - Intra Trs In - Cust Srvc Chrg	360,000	—	—	—	—	—	—	360,000
Total	\$ 880,000	\$ 40,000	\$ —	\$ 920,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 21,460	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 21,460
80300 - Construction	858,540	40,000	2,060,000	2,065,000	2,070,000	2,075,000	2,080,000	11,248,540
Subtotal	\$ 880,000	\$ 40,000	\$ 2,060,000	\$ 2,065,000	\$ 2,070,000	\$ 2,075,000	\$ 2,080,000	\$ 11,270,000
Less: Deferred/Unfunded		—	(2,060,000)	(2,065,000)	(2,070,000)	(2,075,000)	(2,080,000)	(10,350,000)
Total	\$ 880,000	\$ 40,000	\$ —	\$ 920,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1830 **Development Extensions**
Project Type: Ongoing
Program: 4452
Theme: Public Systems and Facilities
Location: At various locations of new development.
Description: Provides funds to pay developer's credits for public storm drain facilities.
Justification: Chapter 17.15 (Development Ordinance) provides for the payment of credits to developers.
Duration: Q1 2007 to Ongoing
Status: Credits to various developers for constructing storm drain facilities in progress.
Department/Contact: Public Works/Gustavo Gomez

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	83,473
Total Available Appropriations	\$	83,473

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 83,473	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 333,473
Total	\$ 83,473	\$ —	\$ 50,000	\$ 333,473				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 83,473	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 333,473
Subtotal	\$ 83,473	\$ —	\$ 50,000	\$ 333,473				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 83,473	\$ —	\$ 50,000	\$ 333,473				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1831 **Miscellaneous Storm Drain Improvements**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Description: Construction of storm drain system facilities to solve minor problems.

Justification: Unforeseen drainage problems arise due to settlement, reconstruction, development or other activities. A fund to correct these problems expedites the solution.

Duration: Q1 2007 to Ongoing

Status: Design/Construct as needed.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	632,313
Estimated Carryforward into 2017-18	\$	238,715
Total Available Appropriations	\$	288,715

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56290 - Storm Drain Outlet Charges	\$ 292,950	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 292,950
59913 - Trs In - Capital Proj Reserves	578,078	50,000	50,000	50,000	50,000	50,000	50,000	878,078
Total	\$ 871,028	\$ 50,000	\$ 1,171,028					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 33,710	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 33,710
80300 - Construction	816,189	50,000	50,000	50,000	50,000	50,000	50,000	1,116,189
80400 - Contingencies/ Misc	8,593	—	—	—	—	—	—	8,593
87010 - Salary And Wages - Regular	12,536	—	—	—	—	—	—	12,536
Subtotal	\$ 871,028	\$ 50,000	\$ 1,171,028					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 871,028	\$ 50,000	\$ 1,171,028					

Operating Impact	\$	—	\$	—	\$	—	\$	—	\$	—
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FUND 535 - STORM DRAINS

Project ID/Name: 1834 Storm Drain System Improvements

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Description: Preliminary engineering, design, and construction of storm drain system improvement projects.

Justification: City's storm drain system improvement projects prolong the life of existing infrastructure and provide a 10-year design storm capacity throughout the City to reduce the risk of flooding in the City.

Duration: Q1 2010 to Ongoing

Status: Consultant Agreement for Storm Drain Fee & Rate Study is to be approved in February 2017 and the study to be completed in 2018. Construction of storm drain projects pending results of the Study and available funding.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	391,865
Estimated Carryforward into 2017-18	\$	168,509
Total Available Appropriations	\$	198,509

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56290 - Storm Drain Outlet Charges	\$ 554,127	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 554,127
59913 - Trs In - Capital Proj Reserves	6,247	30,000	—	—	—	—	—	36,247
Total	\$ 560,374	\$ 30,000	\$ —	\$ 590,374				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 136,247	\$ —	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,636,247
80300 - Construction	367,937	30,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,397,937
80400 - Contingencies/ Misc	19,358	—	500,000	500,000	500,000	500,000	500,000	2,519,358
87010 - Salary And Wages - Regular	36,832	—	—	—	—	—	—	36,832
Subtotal	\$ 560,374	\$ 30,000	\$ 6,000,000	\$ 30,590,374				
Less: Deferred/Unfunded		—	(6,000,000)	(6,000,000)	(6,000,000)	(6,000,000)	(6,000,000)	(30,000,000)
Total	\$ 560,374	\$ 30,000	\$ —	\$ 590,374				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1835 **Storm Drain Outfall Reconstruction Program**
Project Type: Ongoing
Program: 2921
Theme: Public Systems and Facilities
Location: Various Storm Drain Lift Stations

Estimated Expenditures through 2016-17	\$	744,313
Estimated Carryforward into 2017-18	\$	228,687
Total Available Appropriations	\$	278,687

Description: Reconstruction of failing storm drain outfall structures and erosion repair in waterways caused by storm drain outfall discharges.

Justification: Storm drain outfalls are video inspected every five years to stay in compliance with Army Corps of Engineers requirements. Repairs to damaged outfalls and erosion to creek banks minimize the risk of outfall structure failure and related flood damage.

Duration: Q1 2011 to Ongoing

Status: The Santa Clara Valley Water District will be adding the Laurelwood pump station outfall repair work to its summer maintenance program. Undermining of outfall structures at Rambo and Westside Retention Basin pump stations has been identified. A consultant will need to be brought on to apply for the necessary permits and prepare the necessary environmental clearance documents prior to performing repair work in a waterway.

Department/Contact: Public Works/Dave Staub

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56290 - Storm Drain Outlet Charges	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
59913 - Trs In - Capital Proj Reserves	723,000	50,000	500,000	—	300,000	—	300,000	1,873,000
Total	\$ 973,000	\$ 50,000	\$ 500,000	\$ —	\$ 300,000	\$ —	\$ 300,000	\$ 2,123,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 646	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 646
80300 - Construction	972,354	50,000	500,000	—	300,000	—	300,000	2,122,354
Subtotal	\$ 973,000	\$ 50,000	\$ 500,000	\$ —	\$ 300,000	\$ —	\$ 300,000	\$ 2,123,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 973,000	\$ 50,000	\$ 500,000	\$ —	\$ 300,000	\$ —	\$ 300,000	\$ 2,123,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1837 **Storm Water Retention Basin Remediation**

Project Type: Distinct

Program: 2921

Theme: Public Systems and Facilities

Location: Eastside and Westside storm water retention basins.

Description: Remove silt and perform repairs at stormwater retention basins.

Justification: Increase retention basin storage capacity and remove heavy metals and other contaminants from the water to reduce pollution flowing into the Bay and improve local wildlife habitat.

Duration: Q3 2010 to Q4 2019

Status: The Westside Retention Basin Desilting Project has been awarded and construction will be completed in September/October of 2017. The development of plans and specifications to desilt the Eastside Retention Basin will begin in FY 2017-18, with construction occurring the following year.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2016-17	\$ 549,222
Estimated Carryforward into 2017-18	\$ 1,900,665
Total Available Appropriations	\$ 2,120,665

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 2,449,887	\$ 220,000	\$ 1,650,000	\$ —	\$ —	\$ —	\$ —	\$ 4,319,887
Total	\$ 2,449,887	\$ 220,000	\$ 1,650,000	\$ —	\$ —	\$ —	\$ —	\$ 4,319,887
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 4,395	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,395
80300 - Construction	2,443,261	220,000	1,650,000	—	—	—	—	4,313,261
80400 - Contingencies/ Misc	2,231	—	—	—	—	—	—	2,231
Subtotal	\$ 2,449,887	\$ 220,000	\$ 1,650,000	\$ —	\$ —	\$ —	\$ —	\$ 4,319,887
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,449,887	\$ 220,000	\$ 1,650,000	\$ —	\$ —	\$ —	\$ —	\$ 4,319,887
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1838 **Storm Pump Motor and Control Replacement**

Project Type: Ongoing

Program: 2921

Theme: Public Systems and Facilities

Location: Various locations throughout the City.

Description: Replacement and repair of pumps, motors, motor controls, telemetry, valves, and instrumentation at stormwater pump stations.

Justification: Replacement and repairs to pumps and motor controls are necessary to keep storm pumpstations operational to minimize the chance of flooding during large storm events.

Duration: Q3 2011 to Ongoing

Status: Nine (9) storm pumps were replaced in FY 16/17. A consultant was brought on to prepare new wire diagrams and a pump replacement schedule for aging pumps. Additional pumps and motor control systems will be replaced in FY 17/18 based the replacement schedule developed by the consultant.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2016-17	\$ 1,020,040
Estimated Carryforward into 2017-18	\$ 270,277
Total Available Appropriations	\$ 720,277

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 1,290,317	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 3,990,317
Total	\$ 1,290,317	\$ 450,000	\$ 3,990,317					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 1,289,664	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 3,989,664
87010 - Salary And Wages - Regular	653	—	—	—	—	—	—	653
Subtotal	\$ 1,290,317	\$ 450,000	\$ 3,990,317					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,290,317	\$ 450,000	\$ 3,990,317					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1839 **Urban Runoff Pollution Prevention Program (URPPP)**

Project Type: Ongoing

Program: 2924

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2016-17	\$ 1,627,851
Estimated Carryforward into 2017-18	\$ 126,838
Total Available Appropriations	\$ 126,838

Description: Covers all facets of complying with the State Municipal Regional Permit (MRP) for stormwater discharges, permit costs, data collection, monitoring, reporting, trash load reduction implementation, and new development (C.3).

Justification: State mandated MRP requires covered public agencies to perform specific tasks with regard to stormwater discharges to the San Francisco Bay.

Duration: Q1 2011 to Ongoing

Status: 190 full trash capture devices were installed along Stevens Creek Boulevard, around Levi's Stadium and high trash generating neighborhoods in 2017 to enable the City to comply with the State's 70% trashload reduction mandate.

Department/Contact: Public Works/Dave Staub

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 697,650	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 697,650
59945 - Intra Trs In - Cust Srvc Chrg	1,057,039	—	250,000	—	300,000	—	—	1,607,039
Total	\$ 1,754,689	\$ —	\$ 250,000	\$ —	\$ 300,000	\$ —	\$ —	\$ 2,304,689
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 12,202	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,202
80300 - Construction	1,665,261	—	250,000	—	300,000	—	—	2,215,261
80400 - Contingencies/ Misc	53,571	—	—	—	—	—	—	53,571
87010 - Salary And Wages - Regular	23,655	—	—	—	—	—	—	23,655
Subtotal	\$ 1,754,689	\$ —	\$ 250,000	\$ —	\$ 300,000	\$ —	\$ —	\$ 2,304,689
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,754,689	\$ —	\$ 250,000	\$ —	\$ 300,000	\$ —	\$ —	\$ 2,304,689
Operating Impact		\$ 40,000	\$ 60,000	\$ 60,000	\$ 100,000	\$ 105,000	\$ 110,000	\$ 475,000

FUND 535 - STORM DRAINS

Project ID/Name: 1840 **Kiely Blvd.-Saratoga Creek Storm Drain Outfall Relocation**

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: North side of Saratoga Creek, west of Kiely Blvd.

Description: Develop plan to relocate storm drain outfall on north side of Saratoga Creek, west of Kiely Blvd., in association with the construction of the creek trail under crossing at Kiely Blvd.

Justification: Storm drain outfall conflicts with the proposed creek trail under-crossing and will need to be relocated with the creek trail project.

Duration: Q1 2013 to Q3 2020

Status: Design/Construction is pending on the Creek Trail project.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 20,000
Estimated Carryforward into 2017-18	\$ 125,500
Total Available Appropriations	\$ 125,500

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 145,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 145,500
Total	\$ 145,500	\$ —	\$ 145,500					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 145,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 145,500
Subtotal	\$ 145,500	\$ —	\$ 145,500					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 145,500	\$ —	\$ 145,500					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1841 Laurelwood Pump Station Rehabilitation

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Corner of Laurelwood Road and Victor Street.

Description: Upgrade pumps, motors, motor control center, electric generator, wetwell and transfer switch.

Justification: Increase the pump station's pumping capacity to provide adequate storm protection. Increase the pump station's storage capacity to provide for a more efficient pumping operation.

Duration: Q2 2019 to Q2 2022

Status: Design to start Fall 2019.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	285,000
Total Available Appropriations	\$	285,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 285,000	\$ —	\$ 3,855,000	\$ —	\$ —	\$ —	\$ —	\$ 4,140,000
Total	\$ 285,000	\$ —	\$ 3,855,000	\$ —	\$ —	\$ —	\$ —	\$ 4,140,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 225,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 225,000
80300 - Construction	—	—	3,600,000	—	—	—	—	3,600,000
80400 - Contingencies/ Misc	—	—	225,000	—	—	—	—	225,000
87010 - Salary And Wages - Regular	60,000	—	30,000	—	—	—	—	90,000
Subtotal	\$ 285,000	\$ —	\$ 3,855,000	\$ —	\$ —	\$ —	\$ —	\$ 4,140,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 285,000	\$ —	\$ 3,855,000	\$ —	\$ —	\$ —	\$ —	\$ 4,140,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

FUTURE UNAPPROPRIATED PROJECTS

Project Name: Future 535-001 SCADA Installation
First Year Funding Requested: 2017 **Status:** Future

Description: Install SCADA system at storm drain pump station sites by connecting the existing SVP fiber network.

Justification: Current SVP and Water/Sewer Department Supervisory Control and Data Acquisition (SCADA) systems are reaching the end of their service life. The units are in the process of being replaced and re-engineered to provide for continued support and maintenance. The storm drain pump stations are not currently controlled by a SCADA system. This is an ideal time to coordinate with the utility departments to connect to the SVP fiber network and standardize control systems at the Water Department's lift stations and the storm drain pump stations.

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,600,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Fund 536

Fire Department



Projects related to firefighting equipment, emergency generators, and firehouse safety systems.



Financing Sources:

- Capital Projects Reserve
- Donations
- Grants

FUND 536 - FIRE DEPARTMENT

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental								
Rev Frm Agency - Miscellaneous	55500 \$ 109,952	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	109,952
Grant Funding	55580 597,015	—	—	—	—	—	—	597,015
Subtotal	\$ 706,967	\$ —	706,967					
Op Transfers								
Trs In - Capital Proj Reserves	59913 \$ 2,940,410	\$ 416,900	\$ 323,000	\$ 475,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 4,560,310
Subtotal	\$ 2,940,410	\$ 416,900	\$ 323,000	\$ 475,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 4,560,310
Total Financing Sources	\$ 3,647,377	\$ 416,900	\$ 323,000	\$ 475,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 5,267,277

* Amount represents cumulative appropriations since project inception.

FUND 536 - FIRE DEPARTMENT

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 60,000	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 560,000
Construction	80300 434,220	—	—	5,000,000	—	—	—	5,434,220
Contingency	80400 50,280	—	—	—	—	—	—	50,280
Equipment	80500 3,102,877	416,900	323,000	475,000	130,000	135,000	140,000	4,722,777
Subtotal Appropriations	\$ 3,647,377	\$ 416,900	\$ 823,000	\$ 5,475,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 10,767,277
Less: Deferred/Unfunded**		—	(500,000)	(5,000,000)	—	—	—	(5,500,000)
Total Appropriations	\$ 3,647,377	\$ 416,900	\$ 323,000	\$ 475,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 5,267,277
Operating Impact		\$ 13,000	\$ 13,500	\$ 1,200	\$ 1,500	\$ 1,800	\$ 2,000	\$ 33,000

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 1,045,000	\$ 625,000	\$ 1,975,000	\$ —	\$ —	\$ 3,645,000
Future Operating Impact	\$ 500	\$ 600	\$ 700	\$ 800	\$ 900	\$ 3,500

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 536 - FIRE DEPARTMENT

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	4084	Protective Equipment Replacement	\$ 2,264,647	\$ 1,093,776	\$ 1,170,871	\$ 100,000	\$ 1,270,871
Distinct	4085	Emergency Operations Center Communications System Upgrade	237,378	189,440	47,938	10,000	57,938
Distinct	4086	Emergency Operations Center Capital Refurbishment	430,000	271,396	158,604	150,000	308,604
Distinct	4088	EMS System First Responder Projects	109,952	93,835	16,117	—	16,117
Distinct	4092	Fire Station Generator Replacements	175,000	58,513	116,487	—	116,487
Distinct	4094	Computer Aided Dispatch (CAD) Alerting System Upgrade	140,000	—	140,000	50,000	190,000
Distinct	4095	Emergency Response Technology Updates	130,400	39,797	90,603	106,900	197,503
Distinct	4096	Fire Station 5 Repair/Replacement	160,000	—	160,000	—	160,000
Total			\$ 3,647,377	\$ 1,746,757	\$ 1,900,620	\$ 416,900	\$ 2,317,520

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4084 Protective Equipment Replacement

Project Type: Ongoing

Program: 7822

Theme: Public Systems and Facilities

Location: Fire Station 9, 3011 Corvin Drive

Estimated Expenditures through 2016-17	\$ 1,093,776
Estimated Carryforward into 2017-18	\$ 1,170,871
Total Available Appropriations	\$ 1,270,871

Description: Ongoing replacement of unsafe protective firefighting equipment, such as personal protective equipment /clothing (PPE) and breathing apparatus assemblies and air bottles.

Justification: Approximately 50 sets of PPE must be replaced annually to ensure the safety of all full-time and Volunteer/Reserve Firefighters. Breathing apparatus assemblies and air bottles must also be replaced every 15 years per federal regulations. This project supports the Council goal of delivering and enhancing high quality efficient services by ensuring the safety of employees so they can perform life and property saving operations.

Duration: Q3 2008 to Ongoing

Status: Forty five sets of structural PPE and 70 sets of wildland PPE must be replaced in FY 2017-18 in order to meet safety standards. All breathing apparatus and air bottles must be replaced by the end of FY 2017-18 to meet federal standards. A federal grant award of half the cost of the breathing apparatus was received and the balance of the replacement was funded in FY 16-17.

Department/Contact: Fire/Katy Ryan

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 555,637	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 555,637
59913 - Trs In - Capital Proj Reserves	1,709,010	100,000	123,000	125,000	130,000	135,000	140,000	2,462,010
Total	\$ 2,264,647	\$ 100,000	\$ 123,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 3,017,647
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80400 - Contingencies/Misc	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 15,000
80500 - Equipment	2,249,647	100,000	123,000	125,000	130,000	135,000	140,000	3,002,647
Subtotal	\$ 2,264,647	\$ 100,000	\$ 123,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 3,017,647
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,264,647	\$ 100,000	\$ 123,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 3,017,647
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4085 **Emergency Operations Center Communications System Upgrade**

Project Type: Distinct

Program: 7821

Theme: Public Systems and Facilities

Location: Emergency Operations Center, 1990 Walsh Ave.

Description: Communications systems upgrade for the Emergency Operations Center (EOC) to improve connectivity and reliability.

Justification: The City's EOC is in need of communications systems upgrades in order to bring the internal and external connectivity up to modern standards and improve the reliability in case of a disaster activation. This project supports the Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2009 to Q2 2018

Status: Satellite phones and a computer aided emergency dispatch console to be added in FY 2017-18.

Department/Contact: Fire/Lisa Schoenthal

Estimated Expenditures through 2016-17	\$	189,440
Estimated Carryforward into 2017-18	\$	47,938
Total Available Appropriations	\$	57,938

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55580 - Grant Funding	\$ 41,378	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 41,378
59913 - Trs In - Capital Proj Reserves	196,000	10,000	—	—	—	—	—	206,000
Total	\$ 237,378	\$ 10,000	\$ —	\$ 247,378				

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80400 - Contingencies/Misc	\$ 34,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 34,500
80500 - Equipment	202,878	10,000	—	—	—	—	—	212,878
Subtotal	\$ 237,378	\$ 10,000	\$ —	\$ 247,378				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 237,378	\$ 10,000	\$ —	\$ 247,378				

Operating Impact	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ 1,000	\$ 1,000	\$ 1,200	\$ 1,500	\$ 1,800	\$ 2,000	\$ 8,500

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4086 **Emergency Operations Center Capital Refurbishment**

Project Type: Distinct

Program: 7821

Theme: Public Systems and Facilities

Location: Emergency Operations Center, 1990 Walsh Ave.

Estimated Expenditures through 2016-17	\$	271,396
Estimated Carryforward into 2017-18	\$	158,604
Total Available Appropriations	\$	308,604

Description: Modifications are necessary to expand the space which houses the Emergency Operations Center (EOC) into the adjacent space which formerly housed the emergency dispatchers. This will include setting up a class room / conference room which will also be used by the Police Department. The building's age also necessitates some major repairs and replacement of the emergency generator.

Justification: Facility vacated after long time use as 911 dispatch center. Modifications are needed to make it more useful as an Emergency Operations Center (EOC). The EOC is a critical public safety facility. In addition to providing the central location for emergency managers to work, the building houses the public safety radio system equipment. Maintaining a secure building with fully functioning support systems is vital to ensure public safety and citizen welfare. This project supports the Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2011 to Q2 2019

Status: Roof and heating/air conditioning system repairs to be completed in FY 17/18. Security upgrades to begin in FY 17/18, with completion expected by the end of FY 18/19.

Department/Contact: Fire/Lisa Schoenthal

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 430,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 580,000
Total	\$ 430,000	\$ 150,000	\$ —	\$ 580,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 159,220	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 159,220
80400 - Contingencies/ Misc	780	—	—	—	—	—	—	780
80500 - Equipment	270,000	150,000	—	—	—	—	—	420,000
Subtotal	\$ 430,000	\$ 150,000	\$ —	\$ 580,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 430,000	\$ 150,000	\$ —	\$ 580,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4088 **EMS System First Responder Projects**

Project Type: Distinct

Program: 7861

Theme: Public Systems and Facilities

Location: 777 Benton St.

Estimated Expenditures through 2016-17	\$	93,835
Estimated Carryforward into 2017-18	\$	16,117
Total Available Appropriations	\$	16,117

Description: Santa Clara County Emergency Medical Services (EMS) Agency transferred funds to the City for the development of a Comprehensive EMS Patient Care Data System. Funding for additional EMS projects may be transferred in the future.

Justification: All EMS agencies in Santa Clara County will be participating in the development of a County-wide Comprehensive EMS Patient Care Data System and funding is provided by County EMS.

Duration: Q3 2013 to Q2 2018

Status: Technology projects to benefit the Santa Clara County EMS system are ongoing.

Department/Contact: Fire/Casey Potts

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55500 - Rev Frm Agency - Miscellaneous	\$ 109,952	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	109,952
Total	\$ 109,952	\$ —	109,952					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ 109,952	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	109,952
Subtotal	\$ 109,952	\$ —	109,952					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 109,952	\$ —	109,952					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4092 Fire Station Generator Replacements

Project Type: Distinct

Program: 7822

Theme: Public Systems and Facilities

Location: Fire Apparatus

Estimated Expenditures through 2016-17	\$ 58,513
Estimated Carryforward into 2017-18	\$ 116,487
Total Available Appropriations	\$ 116,487

Description: Replacement of emergency generators for Fire Stations 8 and 9, both of which are at least 33 years old and exceed life expectancy by 5 - 10 years. These generators are necessary to perform critical emergency response operations in the event of a power outage.

Justification: Maintenance costs have increased substantially in the last few years, parts are hard to find and the reliability of the generators is a real concern. This project supports the council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2015 to Q2 2018

Status: Emergency generator for Fire Station 8 to be replaced in FY 17/18.

Department/Contact: Fire/Katy Ryan

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 175,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 175,000
Total	\$ 175,000	\$ —	\$ 175,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 175,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 175,000
Subtotal	\$ 175,000	\$ —	\$ 175,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 175,000	\$ —	\$ 175,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4094 Computer Aided Dispatch (CAD) Alerting System Upgrade

Project Type: Distinct

Program: 7822

Theme: Public Systems and Facilities

Location: 777 Benton St., Santa Clara, CA 95050

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	140,000
Total Available Appropriations	\$	190,000

Description: Mandatory upgrade of CAD radio alert system, which notifies fire station personnel that emergency response is required and is also responsible for insuring that electrical and gas appliances shut down and lights turn on automatically for faster emergency response.

Justification: The public safety radio system, managed by the Police Department, requires alerting equipment to be installed in each fire station. The current radio alert system is obsolete, un-repairable and has outdated software that cannot be supported. This system is integrated with the City's CAD system, which makes this a mandatory upgrade. This project meets the Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2016 to Q2 2019

Status: CAD alerting software upgrade and hardware replacement for all 10 fire stations to be completed in FY 17/18 and FY 18/19.

Department/Contact: Fire/John Madden

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 140,000	\$ 50,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Total	\$ 140,000	\$ 50,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ 140,000	\$ 50,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Subtotal	\$ 140,000	\$ 50,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 140,000	\$ 50,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4095 **Emergency Response Technology Updates**
Project Type: Distinct
Program: 7822
Theme: Public Systems and Facilities
Location: 777 Benton Street, Santa Clara, CA 95050

Estimated Expenditures through 2016-17	\$	39,797
Estimated Carryforward into 2017-18	\$	90,603
Total Available Appropriations	\$	197,503

Description: Development of mobile platforms (tablet based technology) for Fire Department emergency response, implementation of mobile device management software to provide security and device management and replacement of obsolete hardware.

Justification: With the increased use of tablet and mobile technology, the Fire and IT Departments have identified a need for obsolete hardware replacement, centralized software administration and device control and security. Fire Department emergency response mobile data computers are obsolete and maintenance costs are very high. Developing mobile platforms, including geographical information systems, which will integrate into the new computer aided dispatch system recommended in the Police Department analysis, will increase Fire Department functionality, efficiency and service levels and allow for the integration of future technology advancements. These mobile platforms are also consistent with Santa Clara County's requirement for the use of tablet based technology by Fire Department personnel on medical calls.

A mobile device management software platform is required to provide device security and management. The Police Department currently uses this software, developed by the Department of Justice, which minimizes the need for the IT Department to manage a separate platform. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure

Duration: Q3 2016 to Q2 2019

Status: Hardware and software purchases and implementation will continue in FY 17/18.

Department/Contact: Fire/John Madden

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 130,400	\$ 106,900	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 237,300
Total	\$ 130,400	\$ 106,900	\$ —	\$ 237,300				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ 130,400	\$ 106,900	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 237,300
Subtotal	\$ 130,400	\$ 106,900	\$ —	\$ 237,300				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 130,400	\$ 106,900	\$ —	\$ 237,300				
Operating Impact		\$ 12,000	\$ 12,500	\$ —	\$ —	\$ —	\$ —	\$ 24,500

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4096 Fire Station 5 Repair/Replacement

Project Type: Distinct

Program: 7822

Theme: Public Systems and Facilities

Location: 1912 Bowers Ave., Santa Clara CA 95051

Description: Replacement of 50 year old fire station at 1912 Bowers Avenue.

Justification: Fire Station 5 needs to be expanded to store and support the larger fire apparatus that are required to protect the central and southwest portions of the City. Although the land area is sufficient to support an expanded station, the old structure will not accommodate new fire apparatus. The roof is in need of immediate replacement and plumbing, ventilation and electrical systems are aging and experiencing regular and increasing maintenance issues. A significant remodel or replacement is necessary to accommodate Fire Department operations. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2017 to Q4 2019

Status: Site Study to be completed in FY 16/17 and construction is expected to begin in FY 17/18 if the study recommends rebuilding of the station.

Department/Contact: Fire/John Madden

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	160,000
Total Available Appropriations	\$	160,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 160,000
Total	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 160,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 60,000	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 560,000
80300 - Construction	100,000	—	—	5,000,000	—	—	—	5,100,000
Subtotal	\$ 160,000	\$ —	\$ 500,000	\$ 5,000,000	\$ —	\$ —	\$ —	\$ 5,660,000
Less: Deferred/Unfunded		—	(500,000)	(5,000,000)	—	—	—	(5,500,000)
Total	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 160,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 536 - FIRE DEPARTMENT

FUTURE UNAPPROPRIATED PROJECTS

Project Name: Future 536-001 Training Equipment
First Year Funding Requested: 2017 **Status:** Future

Description: The current Fire Training facility located at 1900 Walsh Ave. was evaluated during the Standards of Cover study conducted by Citygate. The study identified a lack of training props and recommends investing in the building of permanent props.

Justification: The Santa Clara Fire Department Training Center is in need of modern training props to ensure the department is able to comply with industry standards. It was identified as an area of improvement in Citygate study finding #20 and is identified as an organizational weakness in the recently completed 5-year Santa Clara Fire Department Community Driven Strategic Plan. The training center currently does not have the necessary props for our firefighters to train on fire ventilation, live fire training, roof ladder operations and forcible entry. The department is currently having to travel to neighboring city fire training center to perform this training. The recommendation is to purchase the props for our training facility to ensure that our firefighters are able to maintain their skills throughout the course of their careers and to ensure we are meeting National Fire Protection Association and State of California recommendations and requirements. This project meets the Council goal of delivering and enhancing high quality efficient services and infrastructure.

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 125,000	\$ 100,000	\$ 100,000	\$ —	\$ —	325,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name: Future 536-002 Fire Station 7 Remodel
First Year Funding Requested: 2017 **Status:** Future

Description: Major remodel of Fire Station 7 at 3495 Benton Street.

Justification: Fire Station 7 was opened in 1972 and has wood frame construction with wood shingle siding. Termites have significantly damaged the building over the years and have caused significant emergency repairs. The apparatus bays are extremely small and do not accommodate the larger fire apparatus in use today. The land area is more than sufficient to accommodate upgrades and the unique structure offers opportunities to remodel rather than fully replace the building. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 60,000	\$ 200,000	\$ 1,800,000	\$ —	\$ —	2,060,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 536 - FIRE DEPARTMENT

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 536-003	Fire Station Safety Modifications				
First Year Funding Requested:	2017	Status:	Future			
Description:	Modifications to fire stations to provide a dedicated exercise room and a personal protective equipment (PPE) storage area for employees that will not be exposed to diesel exhaust.					
Justification:	Several fire stations do not have sufficient space to provide a separate exercise and PPE storage area that is not exposed to diesel particulates. As part of a health and safety regimen, firefighters routinely exercise at the fire stations to maintain health and physical fitness, which is necessary to perform firefighter duties. PPE is also stored on the apparatus floor for lack of space. Both practices increase exposure to diesel particulates. Separate facilities will provide a cleaner environment with adequate ventilation, thereby increasing PPE service life, while providing a cleaner environment for physical fitness activities. This project supports the City Council goal of delivering and enhancing efficient services and infrastructure.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 250,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 500,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Project Name:	Future 536-004	Fitness Equipment				
First Year Funding Requested:	2018	Status:	Future			
Description:	This project request is to fund the required 10% federal grant match to replace and upgrade physical fitness/training equipment for all fire stations. If grant funding is not awarded, full funding will be requested in FY 18/19.					
Justification:	The current inventory of fitness equipment in all fire stations is obsolete, problematic or in some cases non-existent. Maintenance costs on this equipment increase yearly as the equipment ages. A cost/benefit analysis shows that using a conservative 10 year life span on the equipment, that the per member/per day cost of the equipment is \$1.39/day, which compared to \$4.00/day for the cost of a gym membership is significantly less expensive. Additionally, the Peer Fitness group is unable to develop fitness plans based on the current status of the equipment, which is more than 20 years old and inconsistent between stations. The requested funds will be used to purchase equipment that provides cardiovascular, endurance, strength, and flexibility training necessary for firefighter specific movements. This project aligns with the Council's goals of delivering and enhancing high quality efficient services in that enhanced physical fitness increases responders' strength and endurance on emergency incidents and reduces injuries, which is a cost savings to the taxpayers.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 536 - FIRE DEPARTMENT

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 536-005	Diesel Exhaust Removal Systems				
First Year Funding Requested:	2018	Status:	Future			
Description:	This project will fund the purchase and installation of a direct source capture diesel exhaust removal system that mounts directly to the vehicle's exhaust and automatically eliminate toxic diesel exhaust while the engine is running.					
Justification:	The Bay Area Air Quality Management District (BAAQMD) reports that diesel exhaust includes over 40 substances that are toxic air contaminants, with fifteen of these substances listed by the International Agency for Research on Cancer. On an emergency scene, firefighters and patients are constantly covered with diesel exhaust from the apparatus running in high idle. Driver/Engineers were consistently found to have the highest levels of CO; at least 3x the CO levels of other firefighters. This project will fund a Source Capture Exhaust System mounted directly to the fire apparatus, reducing the various toxic contaminants by 92-98%. This meets the Council goal of delivering and enhancing high quality efficient services by protecting emergency responders and the public.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 260,000	\$ —	\$ —	\$ —	\$ —	260,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

Project Name:	Future 536-006	Station Security Upgrades				
First Year Funding Requested:	2018	Status:	Future			
Description:	Security upgrades for three fire stations including gates, security cameras, enhanced fencing and key cards to ensure the safety of all employees.					
Justification:	To increase the level of security at Santa Clara City Fire Stations to an adequate level. Currently there are easy access points in several stations for local criminals as well as domestic and foreign terrorists. These potential breaches pose a threat to not only to the safety of our on duty firefighters, but also to sensitive patient information and costly equipment that the citizens of Santa Clara depend on. Nationwide there has been an increase in the number of intruders into fire stations and several firefighter attacks have occurred in the last few years. Santa Clara Fire Department has experienced a stolen employee vehicle and items stolen from other employee vehicles, as well as suspicious persons entering fire stations. This project meets the Council goal of delivering and enhancing high quality efficient services and infrastructure.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 100,000	\$ 75,000	\$ 75,000	\$ —	\$ —	250,000
Operating Impact	\$ 500	\$ 600	\$ 700	\$ 800	\$ 900	3,500

FUND 536 - FIRE DEPARTMENT

PROJECTS CLOSING IN 2017-18

Project ID/Name: 4080 Automatic External Defibrillators (AEDs) for City Facilities

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
59650 - Donations	\$	51,000	\$	51,000	—
59913 - Trs In - Capital Proj Reserves	\$	242,600	\$	235,086	7,514

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Fund 537

Library Department



Projects related to the capital maintenance, construction, safety and appearance of library facilities.



Financing Sources:

- Capital Projects Reserve
- Land Sale Reserve

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Trs In - Capital Proj Reserves	59913 \$ 1,835,278	\$ 783,000	\$ —	\$ —	\$ —	\$ —	\$ —	2,618,278
Trs In - Land Sale Reserves	59915 2,488,946	—	—	—	—	—	—	2,488,946
Subtotal	\$ 4,324,224	\$ 783,000	\$ —	5,107,224				
Total Financing Sources	\$ 4,324,224	\$ 783,000	\$ —	5,107,224				

* Amount represents cumulative appropriations since project inception.

FUND 537 - LIBRARY

FUND SUMMARY

APPROPRIATIONS

Description		Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures									
Engineering	80100	\$ 9,139	\$ 83,000	\$ —	\$ —	\$ —	\$ —	\$ —	92,139
Construction	80300	325,000	360,000	150,000	—	—	—	—	835,000
Contingency	80400	10,000	—	—	—	—	—	—	10,000
Equipment	80500	3,980,085	340,000	65,000	—	—	—	—	4,385,085
Subtotal Appropriations		\$ 4,324,224	\$ 783,000	\$ 215,000	\$ —	\$ —	\$ —	\$ —	5,322,224
Less: Deferred/Unfunded**			—	(215,000)	—	—	—	—	(215,000)
Total Appropriations		\$ 4,324,224	\$ 783,000	\$ —	\$ —	\$ —	\$ —	\$ —	5,107,224
Operating Impact			\$ 3,534	\$ (31,466)	\$ (31,466)	\$ (31,466)	\$ (31,466)	\$ (23,966)	(146,296)

FUTURE PROJECTS

Description		2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP		\$ 450,000	\$ —	\$ —	\$ —	\$ —	450,000
Future Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	—

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 537 - LIBRARY

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Distinct	5043	Central Park Library Refurbishment	\$ 1,405,388	\$ 1,195,483	\$ 209,905	\$ —	\$ 209,905
Distinct	5044	Remodel of Mission Branch Library	2,893,836	282,203	2,611,633	323,000	2,934,633
Distinct	5046	Automated Invoicing System	25,000	16,942	8,058	—	8,058
Distinct	5047	Public Computer Access Upgrades	—	—	—	60,000	60,000
Distinct	5048	Automated Material Check-in and Sorting Machine	—	—	—	400,000	400,000
Total			\$ 4,324,224	\$ 1,494,628	\$ 2,829,596	\$ 783,000	\$ 3,612,596

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 537 - LIBRARY

Project ID/Name: 5043 Central Park Library Refurbishment

Project Type: Distinct

Program: 1221

Theme: Public Systems and Facilities

Location: Central Park Library, 2635 Homestead Road

Description: Refurbishment of the Central Park Library to repair/replace/upgrade furniture, equipment and the facility.

Justification: Replacing and/or upgrading furniture, equipment and the facility due to heavy usage over the last 15 years. Ongoing maintenance is necessary for function, safety and appearance of the Central Park Library. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure

Duration: Q1 2014 to Q4 2019

Status: Received or working on quotes for FY2016-17 work: Recover wood frame chairs, replace surface of public tables and study carrels, repair/replace fire panels, recover built-in bench seats. For FY2017-18 work: restroom floor replacement, Parkside ceiling lights, shade for children's garden.

Department/Contact: Library/Hilary Keith

Estimated Expenditures through 2016-17	\$ 1,195,483
Estimated Carryforward into 2017-18	\$ 209,905
Total Available Appropriations	\$ 209,905

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 978,388	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 978,388
59915 - Trs In - Land Sale Reserves	427,000	—	—	—	—	—	—	427,000
Total	\$ 1,405,388	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,405,388
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 9,139	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 9,139
80300 - Construction	325,000	—	150,000	—	—	—	—	475,000
80400 - Contingencies/Misc	10,000	—	—	—	—	—	—	10,000
80500 - Equipment	1,061,249	—	65,000	—	—	—	—	1,126,249
Subtotal	\$ 1,405,388	\$ —	\$ 215,000	\$ —	\$ —	\$ —	\$ —	\$ 1,620,388
Less: Deferred/Unfunded		—	(215,000)	—	—	—	—	(215,000)
Total	\$ 1,405,388	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,405,388
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 537 - LIBRARY

Project ID/Name: 5044 Remodel of Mission Branch Library

Project Type: Distinct

Program: 1221

Theme: Public Systems and Facilities

Location: Mission Library

Description: Renovation of the Mission Library to modernize library building, services, and technology.

Justification: The Mission Library is sixty years old and is slated for renovation in FY 2016-17 to address ADA and operational inefficiencies as well as the need for expanded spaces for community events and library programming, dedicated places for children and teens, and updated and expanded collections. The renovation affords an opportunity to provide a more energy efficient facility to meet long-term sustainability initiatives and mandates.

Duration: Q4 2015 to Q4 2018

Status: The project is in the design phase and is expected to break ground in Summer 2017 with completion targeted for January 2018.

Department/Contact: Library/Hilary Keith

Estimated Expenditures through 2016-17	\$ 282,203
Estimated Carryforward into 2017-18	\$ 2,611,633
Total Available Appropriations	\$ 2,934,633

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 831,890	\$ 323,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,154,890
59915 - Trs In - Land Sale Reserves	2,061,946	—	—	—	—	—	—	2,061,946
Total	\$ 2,893,836	\$ 323,000	\$ —	\$ 3,216,836				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 33,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 33,000
80300 - Construction	—	290,000	—	—	—	—	—	290,000
80500 - Equipment	2,893,836	—	—	—	—	—	—	2,893,836
Subtotal	\$ 2,893,836	\$ 323,000	\$ —	\$ 3,216,836				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,893,836	\$ 323,000	\$ —	\$ 3,216,836				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 537 - LIBRARY

Project ID/Name: 5046 Automated Invoicing System

Project Type: Distinct

Program: 1221

Theme: Public Systems and Facilities

Location: Santa Clara Libraries

Description: Install Output Voucher module for ILS to accept electronic invoices and import directly into City's accounting system.

Justification: Reduces staff time and increases operating efficiencies in accounting and invoicing of library books, materials and other purchases. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q1 2018

Status: Reviewing Innovative Interfaces Sierra module "Output Vouchers" and PeopleSoft integration requirements and specifications for interoperability.

Department/Contact: Library/Hilary Keith

Estimated Expenditures through 2016-17	\$	16,942
Estimated Carryforward into 2017-18	\$	8,058
Total Available Appropriations	\$	8,058

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Total	\$ 25,000	\$ —	\$ 25,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Subtotal	\$ 25,000	\$ —	\$ 25,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 25,000	\$ —	\$ 25,000					
Operating Impact		\$ (7,500)	\$ (7,500)	\$ (7,500)	\$ (7,500)	\$ (7,500)	\$ —	\$ (37,500)

FUND 537 - LIBRARY

Project ID/Name: 5047 **Public Computer Access Upgrades**

Project Type: Distinct

Program: 1272

Theme: Community Information and Technology

Location: Central and Northside Library

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	60,000

Description: Purchase, configure and install two laptop and device checkout vending machines including devices for the Central Park Library and the Northside Branch Library. Upgrade current desktop computers and monitors.

Justification: Laptop checkout vending machines would improve workplace efficiency by reducing staff time checking out, inspecting and reconfiguring laptops, Chromebooks and iPads. An upgrade to public computing workstations and monitors is necessary to provide continued reliable access to the internet, as well as library and City of Santa Clara services. This project meets the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2016 to Q4 2018

Status: Review of vending machine vendors for self-checkout.

Department/Contact: Library/Hilary Keith

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
Total	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
Subtotal	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
Operating Impact		\$ 11,034	\$ 11,034	\$ 11,034	\$ 11,034	\$ 11,034	\$ 11,034	\$ 66,204

FUND 537 - LIBRARY

Project ID/Name: 5048 **Automated Material Check-in and Sorting Machine**

Project Type: Distinct

Program: 1221

Theme: Public Systems and Facilities

Location: Central and Northside Library

Description: Replace fifteen year old legacy automated book and material handling system with new safer and more efficient system.

Justification: Replacing the existing legacy automated book and material handling system would improve workplace safety and create additional operational efficiency potentially reducing staffing requirements. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2018 to Q4 2018

Status: Received three quotes and designs

Department/Contact: Library/Hilary Keith

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	400,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Total	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
80300 - Construction	—	70,000	—	—	—	—	—	70,000
80500 - Equipment	—	280,000	—	—	—	—	—	280,000
Subtotal	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Operating Impact		\$ —	\$ (35,000)	\$ (35,000)	\$ (35,000)	\$ (35,000)	\$ (35,000)	\$ (175,000)

FUTURE UNAPPROPRIATED PROJECTS

Project Name: Future 537-003 Library STEAM Media Lab
First Year Funding Requested: 2017 **Status:** Future

Description: Design and Build Media STEAM (Science Technology , Engineering, Art, and Math) Lab in underutilized library spaces. Convert and upgrade periodicals and facilities storage to staff workspace.

Justification: Media STEAM lab is necessary to align technology and services with expectations of an increasingly diverse and entrepreneurial community that recognizes a need for increased STEAM learning initiatives throughout the community as illustrated by the 10,000 attendees to the STEM Innovation Bowl. This STEAM Lab would extend access to students and other community members who may not have access to the school STEM facilities. Utilize underused public space and staff workroom space to consolidate work functions. Leverage corporate grants and donations through Friends & Foundation to fund additional equipment, furniture and classes. Mitigate operating and staffing costs through the use of volunteers and community experts and through future and existing cost saving measures.

	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 450,000	\$ —	\$ —	\$ —	\$ —	450,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

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Fund 538

Public Buildings



Projects related to repairs and capital maintenance for public buildings, including mechanical and electrical systems.



Financing Sources:

- Auto Funds
- Building Inspection Reserve
- Capital Projects Reserve

FUND 538 - PUBLIC BUILDINGS

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Trs In - Auto	59903 \$ —	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 230,000
Trs In - Electric	59912 —	—	—	—	200,000	—	—	200,000
Trs In - Capital Proj Reserves	59913 7,032,238	1,795,000	1,850,000	2,235,000	1,275,000	1,875,000	860,000	16,922,238
Trs In - Bldg Insp Reserves	59914 55,000	—	—	—	—	—	—	55,000
Subtotal	\$ 7,087,238	\$ 2,025,000	\$ 1,850,000	\$ 2,235,000	\$ 1,475,000	\$ 1,875,000	\$ 860,000	\$ 17,407,238
Total Financing Sources	\$ 7,087,238	\$ 2,025,000	\$ 1,850,000	\$ 2,235,000	\$ 1,475,000	\$ 1,875,000	\$ 860,000	\$ 17,407,238

* Amount represents cumulative appropriations since project inception.

FUND 538 - PUBLIC BUILDINGS

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 826,673	\$ 72,500	\$ 297,500	\$ 1,297,500	\$ 447,500	\$ 262,500	\$ 17,500	\$ 3,221,673
Construction	80300 5,432,050	1,937,500	2,807,500	10,713,500	4,697,500	3,623,500	832,500	30,044,050
Contingency	80400 291,887	15,000	155,000	789,000	240,000	139,000	10,000	1,639,887
Equipment	80500 495,576	—	—	—	—	—	—	495,576
Salary And Wages	87010 41,052	—	—	235,000	90,000	50,000	—	416,052
Subtotal Appropriations	\$ 7,087,238	\$ 2,025,000	\$ 3,260,000	\$ 13,035,000	\$ 5,475,000	\$ 4,075,000	\$ 860,000	\$ 35,817,238
Less: Deferred/Unfunded**		—	(1,410,000)	(10,800,000)	(4,000,000)	(2,200,000)	—	(18,410,000)
Total Appropriations	\$ 7,087,238	\$ 2,025,000	\$ 1,850,000	\$ 2,235,000	\$ 1,475,000	\$ 1,875,000	\$ 860,000	\$ 17,407,238
Operating Impact		\$ 10,080	\$ 10,684	\$ 11,325	\$ —	\$ —	\$ —	\$ 32,089

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 100,000	\$ 3,500,000	\$ —	\$ —	\$ —	\$ 3,600,000
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 538 - PUBLIC BUILDINGS

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	6047	City Building Assessment	\$ 184,489	\$ 83,839	\$ 100,650	\$ 150,000	\$ 250,650
Ongoing	6054	Street Corporation Yard Renovation	1,072,000	1,028,910	43,090	100,000	143,090
Distinct	6078	Council Chamber Remodel	198,458	196,854	1,604	—	1,604
Distinct	6085	Cafeteria Upgrade	140,000	124,215	15,785	—	15,785
Ongoing	6123	Public Building Parking Lot Improvements	375,597	350,597	25,000	50,000	75,000
Distinct	6132	City Hall HVAC Renovation	793,000	685,172	107,828	—	107,828
Distinct	6134	Overflow-Tank Replacement	601,313	331,012	270,301	460,000	730,301
Ongoing	6137	Soil and Groundwater Mitigation Project	596,572	426,569	170,003	25,000	195,003
Ongoing	6138	Repairs-Modifications to City Buildings	1,156,985	1,005,473	151,512	200,000	351,512
Ongoing	6139	Repair to Historic Buildings	331,492	194,464	137,028	40,000	177,028
Ongoing	6140	Triton Museum Repair and Modifications	462,332	306,832	155,500	35,000	190,500
Distinct	6143	Police Building Parking Lot Improvements	75,000	—	75,000	—	75,000
Distinct	6146	Stationary Standby Generators	600,000	—	600,000	500,000	1,100,000
Distinct	6147	Building Security Upgrade	500,000	93,880	406,120	115,000	521,120
Distinct	6148	Civic Center Building Renovation	—	—	—	—	—
Distinct	6149	HVAC Chiller Unit	—	—	—	250,000	250,000
Distinct	6150	City Hall Security & Key System Upgrade	—	—	—	100,000	100,000
Total			\$ 7,087,238	\$ 4,827,816	\$ 2,259,422	\$ 2,025,000	\$ 4,284,422

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6047 City Building Assessment

Project Type: Ongoing

Program: 2222

Theme: Public Systems and Facilities

Location: Various public buildings throughout City.

Description: Perform site investigations of public buildings and develop plan for maintenance, rehabilitation and replacement. Efforts in 2017-18 will be on the Police Building, various fire stations and roof access safety plans.

Justification: To maintain the appearance and the operating efficiency of City Buildings, including miscellaneous tenant improvements.

Duration: Q1 2012 to Ongoing

Status: Hold open for site investigations as needs arise.

Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2016-17	\$	83,839
Estimated Carryforward into 2017-18	\$	100,650
Total Available Appropriations	\$	250,650

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 184,489	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 10,000	\$ 744,489
Total	\$ 184,489	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 10,000	\$ 744,489

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 136,338	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 10,000	\$ 296,338
80300 - Construction	46,567	120,000	70,000	70,000	70,000	70,000	—	446,567
87010 - Salary And Wages - Regular	1,584	—	—	—	—	—	—	1,584
Subtotal	\$ 184,489	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 10,000	\$ 744,489
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 184,489	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 10,000	\$ 744,489

Operating Impact	\$	—	\$	—	\$	—	\$	—	\$	—	\$	—	\$	—
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FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6054 Street Corporation Yard Renovation

Project Type: Ongoing

Program: 2951

Theme: Public Systems and Facilities

Location: Street Corporation Yard, 1700 Walsh Ave.

Estimated Expenditures through 2016-17	\$ 1,028,910
Estimated Carryforward into 2017-18	\$ 43,090
Total Available Appropriations	\$ 143,090

Description: Upgrades to Street Corporation Yard to maintain Cal-OSHA and other regulatory agency compliance, adequate security, and replace outdated infrastructures.

Justification: Renovations needed to Corporation Yard facilities necessary to maintain compliance, security and to replace critical infrastructure needs.

Duration: Q3 2011 to Ongoing

Status: Fence replacement around the debris bunker completed in 2016. The employee parking lot drive-thru gate replaced and a controller was added to include it on the Corp Yard security system in 2017.

Department/Contact: Public Works/Dave Staub

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 1,072,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,772,000
Total	\$ 1,072,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,772,000

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 10,000	\$ 25,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 135,000
80300 - Construction	983,683	75,000	—	500,000	—	—	—	1,558,683
80400 - Contingencies/ Misc	7,277	—	—	—	—	—	—	7,277
80500 - Equipment	56,759	—	—	—	—	—	—	56,759
87010 - Salary And Wages - Regular	14,281	—	—	—	—	—	—	14,281
Subtotal	\$ 1,072,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,772,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,072,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,772,000

Operating Impact \$ — \$ — \$ — \$ — \$ — \$ — \$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6078 Council Chamber Remodel

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: City Hall Council Chambers.

Description: Upgrade the layout appearance and equipment in the Council Chambers.

Justification: Several upgrades in appearance and audio/visual equipment have been made in the past, but the basic configuration of the Chambers has been unchanged since it was built. This project will modify the Chambers to meet the present needs and regulations.

Duration: Q1 2003 to Q4 2019

Status: Project currently on hold.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	196,854
Estimated Carryforward into 2017-18	\$	1,604
Total Available Appropriations	\$	1,604

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 198,458	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 198,458
Total	\$ 198,458	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 198,458
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 88,153	\$ —	\$ —	\$ 620,000	\$ —	\$ —	\$ —	\$ 708,153
80300 - Construction	70,736	—	—	3,800,000	—	—	—	3,870,736
80400 - Contingencies/ Misc	10,000	—	—	380,000	—	—	—	390,000
80500 - Equipment	28,569	—	—	—	—	—	—	28,569
87010 - Salary And Wages - Regular	1,000	—	—	—	—	—	—	1,000
Subtotal	\$ 198,458	\$ —	\$ —	\$ 4,800,000	\$ —	\$ —	\$ —	\$ 4,998,458
Less: Deferred/Unfunded		—	—	(4,800,000)	—	—	—	(4,800,000)
Total	\$ 198,458	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 198,458
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6085 Cafeteria Upgrade
Project Type: Distinct
Program: 4443
Theme: Public Systems and Facilities
Location: City Hall Cafeteria and East Wing, Lower Level Restrooms
Description: Upgrade equipment and configuration of food preparation area of cafeteria. Upgrade East Wing downstairs restrooms to meet ADA standards.
Justification: Cafeteria equipment was installed in 1964. There has been no replacement or upgrade of equipment during that time. Equipment is aging and the layout doesn't meet current needs. Upgrades will trigger ADA work in restrooms.
Duration: Q1 2003 to Q4 2019
Status: Project currently on hold.
Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 124,215
Estimated Carryforward into 2017-18	\$ 15,785
Total Available Appropriations	\$ 15,785

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 140,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 140,000
Total	\$ 140,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 140,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 114,737	\$ —	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ 234,737
80300 - Construction	756	—	1,150,000	—	—	—	—	1,150,756
80400 - Contingencies/ Misc	13,061	—	140,000	—	—	—	—	153,061
80500 - Equipment	10,248	—	—	—	—	—	—	10,248
87010 - Salary And Wages - Regular	1,198	—	—	—	—	—	—	1,198
Subtotal	\$ 140,000	\$ —	\$ 1,410,000	\$ —	\$ —	\$ —	\$ —	\$ 1,550,000
Less: Deferred/Unfunded		—	(1,410,000)	—	—	—	—	(1,410,000)
Total	\$ 140,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 140,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6123 **Public Building Parking Lot Improvements**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Various public building locations throughout the City.

Description: Removal and replacement of failed asphalt, drainage improvements, surface seal, and associated striping at parking lots located at various public buildings throughout the City.

Justification: Numerous public building parking lots require preventative maintenance to avoid/lessen total reconstruction in the future. Timely maintenance will reduce overall expense, increase quality of vehicular and pedestrian traffic and improve aesthetics.

Duration: Q3 2012 to Ongoing

Status: Rehabilitation of the Warburton Swim Center parking lot is completed. Rehabilitation of various public building parking lots are planned on as-needed basis.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	350,597
Estimated Carryforward into 2017-18	\$	25,000
Total Available Appropriations	\$	75,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 375,597	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 675,597
Total	\$ 375,597	\$ 50,000	\$ 675,597					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 374,272	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 674,272
87010 - Salary And Wages - Regular	1,325	—	—	—	—	—	—	1,325
Subtotal	\$ 375,597	\$ 50,000	\$ 675,597					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 375,597	\$ 50,000	\$ 675,597					

Operating Impact	\$	—	\$	—	\$	—	\$	—	\$	—
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FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6132 City Hall HVAC Renovation

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: City Hall, East Wing Building - Basement

Description: Replace/rehabilitate the chiller, boiler, air handling system, and control system in a systematic order.

Justification: HVAC system in City Hall is aged, deteriorating, and has parts that can no longer be obtained. New technology can provide a much more energy efficient HVAC system, which will provide a reliable HVAC for City Hall for years to come.

Duration: Q1 2006 to Q4 2020

Status: Phase I completed. Phase II on hold.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	685,172
Estimated Carryforward into 2017-18	\$	107,828
Total Available Appropriations	\$	107,828

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 793,000	\$ —	\$ 600,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,593,000
Total	\$ 793,000	\$ —	\$ 600,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,593,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 75,000	\$ —	\$ 40,000	\$ —	\$ —	\$ —	\$ —	\$ 115,000
80300 - Construction	714,735	—	560,000	100,000	100,000	—	—	1,474,735
87010 - Salary And Wages - Regular	3,265	—	—	—	—	—	—	3,265
Subtotal	\$ 793,000	\$ —	\$ 600,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,593,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 793,000	\$ —	\$ 600,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,593,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6134 **Overfill-Tank Replacement**
Project Type: Distinct
Program: 2222
Theme: Public Systems and Facilities
Location: Existing known and unknown underground tanks at various locations.

Estimated Expenditures through 2016-17	\$	331,012
Estimated Carryforward into 2017-18	\$	270,301
Total Available Appropriations	\$	730,301

Description: Replace three existing above ground diesel fuel tanks (Fire Station #7, 8, 9) and upgrade to automated fuel tank monitoring. Remove existing above ground fuel tank and Fire Station #5 (no-longed needed). Install California Air Resources Board (CARB) Certified Vapor Recovery System, Phase II at 3 fuel sites (Streets Corporation Yard, Utilities Corporation Yard, Parks & Recreation)

Justification: Replacing the fuel tanks and upgrading the fuel sites will ensure all applicable regulatory agency requirements are met. It will also enhance the fueling infrastructure within the City. CARB Certified Vapor Recovery System is required as per Bay Area Air Quality Management District (BAAQMD) Regulation 8 Organic Compounds Rule 7 Gasoline Dispensing Facilities.

Duration: Q1 2006 to Q2 2018

Status: FY 2016-17 - Consultant will have 60% plans completed by the end of this fiscal year.
 FY 2017-18 - Procure a vendor to begin construction.

Department/Contact: Public Works/Chris Fazzi

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59903 - Trs In - Auto	\$ —	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 230,000
59913 - Trs In - Capital Proj Reserves	601,313	230,000	—	—	—	—	—	831,313
Total	\$ 601,313	\$ 460,000	\$ —	\$ 1,061,313				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 85,445	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 85,445
80300 - Construction	459,642	460,000	—	—	—	—	—	919,642
80400 - Contingencies/Misc	56,226	—	—	—	—	—	—	56,226
Subtotal	\$ 601,313	\$ 460,000	\$ —	\$ 1,061,313				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 601,313	\$ 460,000	\$ —	\$ 1,061,313				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6137 **Soil and Groundwater Mitigation Project**
Project Type: Ongoing
Program: 4463
Theme: Public Systems and Facilities
Location: Miscellaneous City-owned locations
Description: Mitigate soil and groundwater contamination.
Justification: To remove hazardous material from soil and groundwater in compliance with environmental law.
Duration: Q1 2010 to Ongoing
Status: Ongoing.
Department/Contact: Public Works/Craig Temple

Estimated Expenditures through 2016-17	\$	426,569
Estimated Carryforward into 2017-18	\$	170,003
Total Available Appropriations	\$	195,003

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 596,572	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 746,572
Total	\$ 596,572	\$ 25,000	\$ 746,572					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 17,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 17,000
80300 - Construction	557,850	25,000	25,000	25,000	25,000	25,000	25,000	707,850
80400 - Contingencies/ Misc	6,722	—	—	—	—	—	—	6,722
87010 - Salary And Wages - Regular	15,000	—	—	—	—	—	—	15,000
Subtotal	\$ 596,572	\$ 25,000	\$ 746,572					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 596,572	\$ 25,000	\$ 746,572					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6138 **Repairs-Modifications to City Buildings**

Project Type: Ongoing

Program: 2222

Theme: Public Systems and Facilities

Location: Various City buildings

Description: Repair, replace or upgrade building components, including tenant improvements and general maintenance.

Justification: To maintain the appearance and operating efficiency of City buildings, including miscellaneous tenant improvements and maintain rental properties managed by the City Manager's Office.

Duration: Q1 2011 to Ongoing

Status: Sub-projects in various states of planning and execution.

Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2016-17	\$ 1,005,473
Estimated Carryforward into 2017-18	\$ 151,512
Total Available Appropriations	\$ 351,512

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 1,101,985	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,301,985
59914 - Trs In - Bldg Insp Reserves	55,000	—	—	—	—	—	—	55,000
Total	\$ 1,156,985	\$ 200,000	\$ 2,356,985					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 100,000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 145,000
80300 - Construction	991,985	182,500	182,500	182,500	182,500	182,500	182,500	2,086,985
80400 - Contingencies/Misc	61,601	10,000	10,000	10,000	10,000	10,000	10,000	121,601
87010 - Salary And Wages - Regular	3,399	—	—	—	—	—	—	3,399
Subtotal	\$ 1,156,985	\$ 200,000	\$ 2,356,985					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,156,985	\$ 200,000	\$ 2,356,985					

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6139 **Repair to Historic Buildings**
Project Type: Ongoing
Program: 2222
Theme: Public Systems and Facilities
Location: City-owned historic buildings
Description: Capital repairs or modifications to City-owned historic buildings.
Justification: To preserve the integrity and appearance of historic buildings.
Duration: Q1 2011 to Ongoing
Status: Sub-projects in various stages of planning and execution.
Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2016-17	\$	194,464
Estimated Carryforward into 2017-18	\$	137,028
Total Available Appropriations	\$	177,028

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 331,492	\$ 40,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,571,492
Total	\$ 331,492	\$ 40,000	\$ 240,000	\$ 1,571,492				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 294,492	\$ 40,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,534,492
80400 - Contingencies/Misc	37,000	—	—	—	—	—	—	37,000
Subtotal	\$ 331,492	\$ 40,000	\$ 240,000	\$ 1,571,492				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 331,492	\$ 40,000	\$ 240,000	\$ 1,571,492				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6140 Triton Museum Repair and Modifications
Project Type: Ongoing
Program: 2222
Theme: Public Systems and Facilities
Location: Triton Museum of Art, 1505 Warburton Ave.
Description: Repair, replace or upgrade building components.
Justification: Various projects to maintain the appearance and operating efficiency of the facility. Replace old inefficient pneumatic HVAC controls system to a DDC system.
Duration: Q1 2011 to Ongoing
Status: Sub-projects in various stages of planning and execution.
Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2016-17	\$	306,832
Estimated Carryforward into 2017-18	\$	155,500
Total Available Appropriations	\$	190,500

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 462,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 535,000	\$ 35,000	\$ 1,172,332
Total	\$ 462,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 535,000	\$ 35,000	\$ 1,172,332
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 412,332	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 530,000	\$ 35,000	\$ 1,097,332
80400 - Contingencies/Misc	50,000	5,000	5,000	5,000	5,000	5,000	—	75,000
Subtotal	\$ 462,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 535,000	\$ 35,000	\$ 1,172,332
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 462,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 535,000	\$ 35,000	\$ 1,172,332
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6143 Police Building Parking Lot Improvements
Project Type: Distinct
Program: 7747
Theme: Public Systems and Facilities
Location: 601 El Camino Real

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	75,000
Total Available Appropriations	\$	75,000

Description: Place Slurry Seal over existing parking lot asphalt. This provides a new surface to the existing asphalt, preserving and extending the life of the parking lot. This in conjunction with crack sealing provides a cost-effective method to prevent damage from weather and vehicle traffic. Upgrade existing perimeter fencing to include razor ribbon and/or barbwire specifically designed to provide maximum perimeter security.

Justification: The Police Department's parking lot requires preventative maintenance to avoid excessive damage from weather and vehicle traffic. Slurry Seal is typically applied once every 7 to 8 years. The parking lot was constructed in 2000, and has never been resealed. With recent incidents of trespassing into the parking lot a need for improved security has become apparent. The current Perimeter fencing was installed in 2000 and is in need of maintenance and upgrading. The improved fencing will also have a deterrent effect along with providing better security. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q4 2018

Status: Due to the City having a new city wide contract with a new vendor for parking lot maintenance, we had to abandon our plan with a different vendor this year. We will be working with the Public Works Dept. to coordinate this project to be completed in FY 17-18.

Department/Contact: Police/Wahid Kazem

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
Total	\$ 75,000	\$ —	\$ 75,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
Subtotal	\$ 75,000	\$ —	\$ 75,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 75,000	\$ —	\$ 75,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6146 **Stationary Standby Generators**
Project Type: Distinct
Program: 2222
Theme: Public Systems and Facilities
Location: Various City Owned Sites

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	600,000
Total Available Appropriations	\$	1,100,000

Description: Funding to evaluate and replace Stationary Emergency Standby Generators as recommended.

Justification: Many of the City's Stationary Emergency Standby Generators have reached their useful lifecycles and are in need of major repairs. The average model year of the Stationary Emergency Standby Generator fleet is 1994 or 23 years old. Many of them are restricted to limited maintenance run times by regulatory agencies due to their emissions output. Over the past years the overall condition and reliability of the Stationary Emergency Standby Generator fleet has diminished. Replacing the Stationary Generator fleet contributes to delivering and enhancing high-quality efficient services and infrastructure.

Duration: Q1 2017 to Q4 2024

Status: FY 2016-17 - Begin evaluation of Stationary Emergency Standby Generators and replacement process. The evaluation process was performed by Fleet Management and replacement is scheduled into 3 phases.. Fire Station #9 Emergency Standby Generator was replaced by Fleet Management and funded by Fire Departments CIP 536-7822-80300-4092. Complete RFP to procure a consultant in determining replacement design and future budgetary cost estimates.
 NOTE: This project does not include generators for Water/Sewer Department or Triton Museum.
 FY 2017-18 - Work with Consultant and replacement design to include a 3 phase replacement program from FY 2018-19 through FY 2022-23.

Department/Contact: Public Works/Chris Fazzi

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59912 - Trs In - Electric	\$ —	\$ —	\$ —	\$ —	\$ 200,000	\$ —	\$ —	\$ 200,000
59913 - Trs In - Capital Proj Reserves	600,000	500,000	500,000	725,000	525,000	725,000	300,000	3,875,000
Total	\$ 600,000	\$ 500,000	\$ 500,000	\$ 725,000	\$ 725,000	\$ 725,000	\$ 300,000	\$ 4,075,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
80300 - Construction	100,000	500,000	500,000	725,000	725,000	725,000	300,000	3,575,000
80500 - Equipment	400,000	—	—	—	—	—	—	400,000
Subtotal	\$ 600,000	\$ 500,000	\$ 500,000	\$ 725,000	\$ 725,000	\$ 725,000	\$ 300,000	\$ 4,075,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 600,000	\$ 500,000	\$ 500,000	\$ 725,000	\$ 725,000	\$ 725,000	\$ 300,000	\$ 4,075,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6147 **Building Security Upgrade**
Project Type: Distinct
Program: 7744
Theme: Public Systems and Facilities
Location: 601 El Camino Real, Santa Clara, CA 95050

Estimated Expenditures through 2016-17	\$ 93,880
Estimated Carryforward into 2017-18	\$ 406,120
Total Available Appropriations	\$ 521,120

Description: Install bullet resistant glass on the outside facing windows of employee work areas, reinforce the existing building framing to support the upgraded glass, build a natural barrier in the lobby of the Police Department to better control access by the public, and address any other security related items.

Justification: The Police Department building was constructed in 2000. Since then, national and global acts of terrorism and violence against public safety personnel and buildings have become common. In December of 2015, the Police Department's 9-1-1 Dispatch Center was shot at by an unknown suspect with a firearm. Fortunately, that portion of the building was newly constructed (2010) and was built with bullet resistant glass and reinforced framing. However, the older portion of the building, housing the Records Unit, does not have such structural reinforcement and safeguards to protect our employees while they work. Additionally, the lobby of the Police Department was designed and built in a way that lacks safety barriers against someone from directly accessing employees on every floor of the building. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q2 2018

Status: Security audit and assessment was completed FY16-17. Implementation and construction will be completed in FY17-18. Anticipated 100% completion Q3 of 2018.

Department/Contact: Police/Wahid Kazem

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 500,000	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 615,000
Total	\$ 500,000	\$ 115,000	\$ —	\$ 615,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
80300 - Construction	350,000	115,000	—	—	—	—	—	465,000
80400 - Contingencies/Misc	50,000	—	—	—	—	—	—	50,000
Subtotal	\$ 500,000	\$ 115,000	\$ —	\$ 615,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 500,000	\$ 115,000	\$ —	\$ 615,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6148 Civic Center Building Renovation

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Civic Center

Description: Renovation to portions of City Hall.

Justification: Civic Center buildings require upgrade and expansion of electrical, HVAC system, communication/data systems, structural and refurbishment of 45+ year old buildings. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2018 to Q4 2023

Status: On hold.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ —	\$ —	640,000	410,000	225,000	—	1,275,000
80300 - Construction	—	—	—	4,731,000	3,275,000	1,801,000	—	9,807,000
80400 - Contingencies/ Misc	—	—	—	394,000	225,000	124,000	—	743,000
87010 - Salary And Wages - Regular	—	—	—	235,000	90,000	50,000	—	375,000
Subtotal	\$ —	\$ —	\$ —	6,000,000	4,000,000	2,200,000	\$ —	12,200,000
Less: Deferred/Unfunded				(6,000,000)	(4,000,000)	(2,200,000)	—	(12,200,000)
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6149 HVAC Chiller Unit
Project Type: Distinct
Program: 7745
Theme: Public Systems and Facilities
Location: 601 El Camino Real, Santa Clara, CA 95050

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	250,000

Description: The Police Department Building is in need of a new cooling system.

Justification: The Police Department building was constructed in 2000. The building's two cooling units (chillers) have reached their end of life. The two unit's maintenance and repair has reached a point where the numerous repairs are exceeding the replacement costs. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2018 to Q1 2020

Status: Complete replacement of two chillers over FY17-18 and FY19-20. FY17-18 replacement of first unit and in FY 19-20 replacement of second unit.

Department/Contact: Police/Wahid Kazem

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ —	\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Total	\$ —	\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Subtotal	\$ —	\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Operating Impact		\$ 10,080	\$ 10,684	\$ 11,325	\$ —	\$ —	\$ —	\$ 32,089

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6150 City Hall Security & Key System Upgrade

Project Type: Distinct

Program: 2222

Theme: Public Systems and Facilities

Location: City Hall

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Description: Installation of Security Cameras & Card Key access at exterior entrance doors, card readers in various departments' interior doors, upgrade Human Resources key card system, and upgrade city locks to full size interchangeable core, D series (efp cylinder) and ADA locksets.

Justification: To enhance security and access at City Hall and to comply with ADA requirements.

Duration: Q1 2018 to Q4 2018

Status: RFP to be sent Fall 2017.

Department/Contact: Public Works/Ken Winland

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
Total	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 10,000
80300 - Construction	\$ —	90,000	—	—	—	—	—	90,000
Subtotal	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 538-001	Building Maintenance Shop Design and Relocation					
First Year Funding Requested:	2018	Status:	Future				
Description:	Design and relocate Building Maintenance Shop.						
Justification:	The Building Maintenance Shop is approximately 60+ years old. There are buildings that are not structurally sound and the shop sits next to a gas compression plant. The Division is outgrowing the current location.						
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ 100,000	\$ 3,500,000	\$ —	\$ —	\$ —	\$ 3,600,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	

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Fund 539

General Government-Other



Projects related to the Convention Center and Information Technology projects.



Financing Sources:

- Developer Contributions
- Enterprise Contributions
- Grants
- Other Agencies
- Reserves

FUND 539 - GENERAL GOVERNMENT

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental								
Rev Frm Agency - Miscellaneous 55500	\$ 618,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	618,000
Subtotal	\$ 618,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	618,000
Op Transfers								
Trs In - Miscellaneous 59900	\$ 430,600	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	430,600
Trs In - Auto 59903	140,377	13,316	10,000	—	—	—	—	163,693
Trs In - Cemetery 59904	28,840	3,602	11,569	11,569	2,892	2,892	2,892	64,256
Trs In - Solid Waste 59907	753,215	61,563	133,180	133,180	49,420	49,420	49,420	1,229,398
Trs In - Storm Drain 59908	1,472	1,000	1,000	1,000	1,000	1,000	1,000	7,472
Trs In - Sewer 59909	816,907	94,917	121,154	121,154	83,539	83,539	83,539	1,404,749
Trs In - Water 59911	1,294,203	331,700	262,294	261,873	151,343	151,343	151,343	2,604,099
Trs In - Electric 59912	10,989,030	968,298	976,469	923,735	599,934	599,934	599,934	15,657,334
Trs In - Capital Proj Reserves 59913	18,104,919	2,742,485	2,439,530	2,122,685	943,171	943,171	743,171	28,039,132
Trs In - Bldg Insp Reserves 59914	5,363,514	909,520	124,804	74,804	18,701	18,701	18,701	6,528,745
Trs In - Land Sale Reserves 59915	14,913,395	—	—	—	—	—	—	14,913,395
Intra Trs In - Dev Contrbtns 59941	1,090,000	400,000	50,000	250,000	50,000	250,000	50,000	2,140,000
Subtotal	\$ 53,926,472	\$ 5,526,401	\$ 4,130,000	\$ 3,900,000	\$ 1,900,000	\$ 2,100,000	\$ 1,700,000	\$ 73,182,873
Total Financing Sources	\$ 54,544,472	\$ 5,526,401	\$ 4,130,000	\$ 3,900,000	\$ 1,900,000	\$ 2,100,000	\$ 1,700,000	\$ 73,800,873

* Amount represents cumulative appropriations since project inception.

FUND 539 - GENERAL GOVERNMENT

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 22,830,501	\$ 3,055,177	\$ 1,115,000	\$ 895,000	\$ 695,000	\$ 695,000	\$ 695,000	\$ 29,980,678
Land	80200 14,913,395	—	—	—	—	—	—	14,913,395
Construction	80300 1,209,997	—	—	—	—	—	—	1,209,997
Contingency	80400 435,119	120,000	5,000	5,000	5,000	5,000	5,000	580,119
Equipment	80500 13,367,386	2,201,224	7,103,000	6,057,000	2,611,500	2,161,000	1,415,000	34,916,110
Salary And Wages	87010 1,788,074	150,000	300,000	300,000	100,000	100,000	100,000	2,838,074
Subtotal Appropriations	\$ 54,544,472	\$ 5,526,401	\$ 8,523,000	\$ 7,257,000	\$ 3,411,500	\$ 2,961,000	\$ 2,215,000	\$ 84,438,373
Less: Deferred/Unfunded**		—	(4,393,000)	(3,357,000)	(1,511,500)	(861,000)	(515,000)	(10,637,500)
Total Appropriations	\$ 54,544,472	\$ 5,526,401	\$ 4,130,000	\$ 3,900,000	\$ 1,900,000	\$ 2,100,000	\$ 1,700,000	\$ 73,800,873
Operating Impact		\$ 126,000	\$ 900,000	\$ 1,375,000	\$ 1,575,000	\$ 1,575,000	\$ 1,575,000	\$ 7,126,000

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 55,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 255,000
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 539 - GENERAL GOVERNMENT

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	6003	Broadband Community System General Government Network (GGNET)	\$ 890,000	\$ 733,079	\$ 156,921	\$ 50,000	\$ 206,921
Work Order	6018	Convention Center Repairs and Upgrades	—	—	—	304,000	304,000
Distinct	6053	Telephone System Enhancements	1,275,000	1,124,774	150,226	—	150,226
Distinct	6062	Document Imaging/Agenda Management System	295,000	284,337	10,663	15,000	25,663
Ongoing	6072	Institutional Telecommunications Networks and Broadcast Infrastructure	1,218,000	779,131	438,869	350,000	788,869
Distinct	6075	Permit Information System	2,302,668	1,447,547	855,121	1,000,224	1,855,345
Ongoing	6103	Utility Management Information System (UMIS) Enhancements	11,098,573	9,788,996	1,309,577	500,000	1,809,577
Distinct	6118	CAD System Server Replacement/Maintenance	4,445,000	1,514,842	2,930,158	—	2,930,158
Distinct	6119	IT Disaster Protection Enhancements	400,000	350,369	49,631	—	49,631
Ongoing	6501	FHRMS Update Project	3,678,212	2,793,241	884,971	622,865	1,507,836
Ongoing	6505	Replace Network Equipment	1,675,000	1,617,567	57,433	252,000	309,433
Ongoing	6513	Computer Replacement Program	1,800,000	1,552,493	247,507	75,000	322,507
Ongoing	6514	Consolidate and Upgrade Servers	1,650,000	1,533,422	116,578	250,000	366,578
Distinct	6520	General Plan Update	2,821,000	2,530,154	290,846	—	290,846
Distinct	6521	Web Content Management System	390,000	282,981	107,019	150,000	257,019
Distinct	6532	Intranet Collaboration Suite Implementation	208,000	32,625	175,375	—	175,375
Ongoing	6534	GIS Enterprise System (Geospatial Information System)	2,275,000	1,890,720	384,280	800,000	1,184,280
Ongoing	6541	1021-1031 El Camino Real Development Site	2,850,000	2,725,077	124,923	—	124,923
Distinct	6542	Automotive Services IT Upgrades	110,000	70,674	39,326	10,000	49,326
Distinct	6543	Digital Radio System Infrastructure	1,244,624	1,242,773	1,851	622,312	624,163
Distinct	6544	Specific Plan for Tasman East	770,000	606,745	163,255	—	163,255
Distinct	6547	Convention Center Land Purchase	4,108,395	—	4,108,395	—	4,108,395
Distinct	6549	Agenda and Document Management Systems	400,000	8,500	391,500	400,000	791,500
Distinct	6550	Cyber Security Risk Mitigation	175,000	—	175,000	125,000	300,000
Distinct	6551	End User/Desktop Transformation	260,000	—	260,000	—	260,000
Distinct	6552	Financial Management System Replacement	250,000	—	250,000	—	250,000
Distinct	6553	Purchase of Morse Mansion	3,905,000	3,876,893	28,107	—	28,107
Distinct	6554	90 N Winchester Market Value	4,050,000	4,050,000	—	—	—
Total			\$ 54,544,472	\$ 40,836,943	\$ 13,707,529	\$ 5,526,401	\$ 19,233,930

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6003 **Broadband Community System General Government Network (GGNET)**

Project Type: Ongoing

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$	733,079
Estimated Carryforward into 2017-18	\$	156,921
Total Available Appropriations	\$	206,921

Description: Design, construct and reconfigure the existing General Government network to allow all City facilities to be interconnected in a reliable and fault-tolerant manner.

Justification: The City's network backbone provides access to all City computers and mission critical applications that deliver core City services. Its design has a single point of failure. This project will reuse the existing General Government network to mitigate this risk.

Duration: Q1 2008 to Ongoing

Status: The Police Dept., EOC, Central Library, and Civic Center have now been re-architected into a core redundant mesh, mitigating a single point of network failure. Diverse redundant fiber paths for data and voice communication have been installed at remaining City locations with one link going to City Hall and the other to one of the other three core sites. Additional fiber capacity was installed at the Police Dept. Dispatch center allowing other runs to be installed at a future date. The City Hall campus had new fiber run from the council chambers back to the data center for the Council Chambers sound project and for the future HD Video upgrade.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
59941 - Intra Trs In - Dev Contrbts	490,000	50,000	50,000	50,000	50,000	50,000	50,000	790,000
Total	\$ 890,000	\$ 50,000	\$ 1,190,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
80300 - Construction	670,000	—	—	—	—	—	—	670,000
80400 - Contingencies/ Misc	57,349	—	—	—	—	—	—	57,349
80500 - Equipment	102,651	50,000	50,000	50,000	50,000	50,000	50,000	402,651
Subtotal	\$ 890,000	\$ 50,000	\$ 1,190,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 890,000	\$ 50,000	\$ 1,190,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6018 Convention Center Repairs and Upgrades
Project Type: Work Order
Program: 1012
Theme: Public Systems and Facilities
Location: 5001 Great America Parkway

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	304,000

Description: Repairs and upgrades to the Santa Clara Convention Center. To perform building assessment, add theatre step lighting, replace a chiller, and replace 500 chairs.

Justification: To maintain the appearance and efficiency of the Convention Center.

Duration: Q1 2018 to Q4 2018

Status: Sub-projects in various stages of planning and execution.

Department/Contact: Convention Center/Lisa Moreno

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ —	\$ 304,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 304,000
Total	\$ —	\$ 304,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 304,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ —	\$ 304,000	\$ 4,393,000	\$ 3,357,000	\$ 1,511,500	\$ 861,000	\$ 515,000	\$ 10,941,500
Subtotal	\$ —	\$ 304,000	\$ 4,393,000	\$ 3,357,000	\$ 1,511,500	\$ 861,000	\$ 515,000	\$ 10,941,500
Less: Deferred/Unfunded		—	(4,393,000)	(3,357,000)	(1,511,500)	(861,000)	(515,000)	(10,637,500)
Total	\$ —	\$ 304,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 304,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6053 Telephone System Enhancements

Project Type: Distinct

Program: 1941

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$ 1,124,774
Estimated Carryforward into 2017-18	\$ 150,226
Total Available Appropriations	\$ 150,226

Description: This project adds the capability for the network to provide telephone service, known as Voice-over-IP (VoIP). Key goals include replacing aging telephony applications and provide functionality such as Integrated Voice Response and Auto Call Distribution along with dial tone.

Justification: The current Centrex phone service provides basic telephony services to City employees and is increasingly obsolete and expensive to utilize. The cost for the services is operational in nature and ongoing. This project uses our internal network and fiber infrastructure to provide telephony services at a reduced operational cost.

Duration: Q1 2007 to Q4 2019

Status: Work continued on dismantling of the old Centrex system in conjunction with the transition of phone numbers and billing records. New VoIP switches were installed at the Central Library, Northside Library at the City Hall Data Center to increase capacity as new phones are being added. Expansion of VoIP phones to remaining facilities and a review of the remaining analog phones throughout the City are planned.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59903 - Trs In - Auto	\$ 9,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 9,000
59904 - Trs In - Cemetery	4,500	—	—	—	—	—	—	4,500
59907 - Trs In - Solid Waste	4,500	—	—	—	—	—	—	4,500
59909 - Trs In - Sewer	22,500	—	—	—	—	—	—	22,500
59911 - Trs In - Water	22,500	—	—	—	—	—	—	22,500
59912 - Trs In - Electric	45,000	—	—	—	—	—	—	45,000
59913 - Trs In - Capital Proj Reserves	1,167,000	—	100,000	—	—	—	—	1,267,000
Total	\$ 1,275,000	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 1,375,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 58,837	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 58,837
80300 - Construction	24,967	—	—	—	—	—	—	24,967
80500 - Equipment	1,191,196	—	100,000	—	—	—	—	1,291,196
Subtotal	\$ 1,275,000	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 1,375,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,275,000	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 1,375,000
Operating Impact		\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6062 **Document Imaging/Agenda Management System**
Project Type: Distinct
Program: 2312
Theme: Community Information and Technology
Location: City Hall

Estimated Expenditures through 2016-17	\$	284,337
Estimated Carryforward into 2017-18	\$	10,663
Total Available Appropriations	\$	25,663

Description: The Citywide records management program includes implementing the policies, procedures, and technology to support the Citywide use of document imaging (SIRE solution). Upgrade, support and maintenance of Hyland Software, Inc. is needed to support the City Clerk's Office agenda management, retention of City files, Council video feeds and website information access.

Justification: The City's Files Management Program includes the promotion of program compliance for records retention including the development of document imaging, file and conversion standards. The SIRE Document Management, Council and Authorities Concurrent Agenda and Video streaming system are critical citizen facing tools for City business which requires periodic upgrades, enhancements or replacements. This project includes engineering for migration and supported solution for records management, records retention, streaming video, agenda, minutes, workflow and mobile application. This project supports Council priorities for public outreach and information.

Duration: Q1 2003 to Q4 2019

Status: Due to staffing issues in the department and the limitations of SIRE, the implementation of Workflow was put on hold. Currently, staff continues to provide training and support of the agenda and document management system, including to the mobile module, Agenda To Go. Project to be completed in 2018 when the implementation of the new Project No. 6549.

Department/Contact: City Clerk/Jose Jasso

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 295,000	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 310,000
Total	\$ 295,000	\$ 15,000	\$ —	\$ 310,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 48,497	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 48,497
80300 - Construction	161,503	—	—	—	—	—	—	161,503
80400 - Contingencies/ Misc	3,000	15,000	—	—	—	—	—	18,000
80500 - Equipment	82,000	—	—	—	—	—	—	82,000
Subtotal	\$ 295,000	\$ 15,000	\$ —	\$ 310,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 295,000	\$ 15,000	\$ —	\$ 310,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6072 **Institutional Telecommunications Networks and Broadcast Infrastructure**

Project Type: Ongoing

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$	779,131
Estimated Carryforward into 2017-18	\$	438,869
Total Available Appropriations	\$	788,869

Description: Deployment of the City's Public Education and Government (PEG) Broadcast Infrastructure and support of the City of Santa Clara Video Institutional Network (INET) which connects City facility sites.

Justification: While the fiber backbone is sound, the interface equipment installed at both ends has been breaking down over time. Replace the INET system and components with newer digital technology. The new system will provide operational efficiencies and reduce the risk of system failure.

Duration: Q3 2005 to Ongoing

Status: Work continues on development of a design to move to HD Video transmission of Council meetings. In addition to the Council Chambers HD cameras upgrade, the project scope will include relocation of the AV Control Room into the Council Chambers and consolidation of additional AV systems.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
55500 - Rev Frm Agency - Miscellaneous	\$ 618,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 618,000
59941 - Intra Trs In - Dev Contrbts	600,000	350,000	—	200,000	—	200,000	—	1,350,000
Total	\$ 1,218,000	\$ 350,000	\$ —	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ 1,968,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 307,049	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 307,049
80300 - Construction	101,513	—	—	—	—	—	—	101,513
80500 - Equipment	809,438	350,000	—	200,000	—	200,000	—	1,559,438
Subtotal	\$ 1,218,000	\$ 350,000	\$ —	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ 1,968,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,218,000	\$ 350,000	\$ —	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ 1,968,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6075 **Permit Information System**
Project Type: Distinct
Program: 5532
Theme: Community Information and Technology
Location: Citywide

Estimated Expenditures through 2016-17	\$ 1,447,547
Estimated Carryforward into 2017-18	\$ 855,121
Total Available Appropriations	\$ 1,855,345

Description: Computer-based tracking and permit system to automate permits, allow other departments and the public to access information on the City network or the Internet. Improve permit streamlining and coordination for both staff and applicants; provide online information for applicants.

Justification: Improve permit streamlining and coordination for both staff and applicants; provide online information for applicants; enhance security of the permit system. The project will deliver and enhance high quality efficient services, and promote and enhance economic development.

Duration: Q1 2016 to Q4 2019

Status: Upgrading software products for existing permit system and inspection field modules to improve efficiency.

Department/Contact: Building/Sharon Goei

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59911 - Trs In - Water	\$ —	\$ 138,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 138,000
59912 - Trs In - Electric	—	126,000	—	—	—	—	—	126,000
59913 - Trs In - Capital Proj Reserves	456,868	—	—	—	—	—	—	456,868
59914 - Trs In - Bldg Insp Reserves	1,845,800	736,224	—	—	—	—	—	2,582,024
Total	\$ 2,302,668	\$ 1,000,224	\$ —	\$ 3,302,892				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,622,090	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,622,090
80400 - Contingencies/ Misc	8,385	100,000	—	—	—	—	—	108,385
80500 - Equipment	460,010	900,224	—	—	—	—	—	1,360,234
87010 - Salary And Wages - Regular	212,183	—	—	—	—	—	—	212,183
Subtotal	\$ 2,302,668	\$ 1,000,224	\$ —	\$ 3,302,892				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,302,668	\$ 1,000,224	\$ —	\$ 3,302,892				
Operating Impact		\$ —	\$ —	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,200,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6103 **Utility Management Information System (UMIS) Enhancements**

Project Type: Ongoing

Program: 3332

Theme: Santa Clara Utilities

Location: 1500 Warburton Ave. - City Hall

Estimated Expenditures through 2016-17	\$ 9,788,996
Estimated Carryforward into 2017-18	\$ 1,309,577
Total Available Appropriations	\$ 1,809,577

Description: Critical system maintenance and high priority modification to ensure timely and accurate billing, collections, and excellent customer service to 60,000+ utility accounts. UMIS represents the hardware, software, and integration for customer information, automated phone service, web service, and meeting mandatory reporting requirements.

Justification: To address the growing volume of utility accounts and to meet customer expectations. To remain competitive and customer-friendly in the utility market sector and to ensure continued billing and collections for \$400 million in retail utility revenues.

Duration: Q3 2001 to Ongoing

Status: Completed telephony replacement project which includes outbound calling software, new enterprise contact center tools, and Voice over Internet Protocol (VoIP) technologies. Updated the utility billing customer-facing web portal to include robust self-service options for utility customers. Upcoming projects for the Municipal Services Division include 3 initiatives: 1) Website Enhancements 2) Access Database Replacement 3) MVRS Replacement - Hand-held meter readers are at the end of their useful life.

Department/Contact: Finance/Michelle Eglesia

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59907 - Trs In - Solid Waste	\$ 513,442	\$ 21,500	\$ 21,500	\$ 21,500	\$ 21,500	\$ 21,500	\$ 21,500	\$ 642,442
59908 - Trs In - Storm Drain	1,472	1,000	1,000	1,000	1,000	1,000	1,000	7,472
59909 - Trs In - Sewer	494,200	46,000	46,000	46,000	46,000	46,000	46,000	770,200
59911 - Trs In - Water	704,196	39,500	39,500	39,500	39,500	39,500	39,500	941,196
59912 - Trs In - Electric	9,385,263	392,000	392,000	392,000	392,000	392,000	392,000	11,737,263
Total	\$ 11,098,573	\$ 500,000	\$ 14,098,573					

FUND 539 - GENERAL GOVERNMENT

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 9,174,660	\$ 495,000	\$ 495,000	\$ 495,000	\$ 495,000	\$ 495,000	\$ 495,000	\$ 12,144,660
80300 - Construction	5,000	—	—	—	—	—	—	5,000
80400 - Contingencies/ Misc	64,999	5,000	5,000	5,000	5,000	5,000	5,000	94,999
80500 - Equipment	1,299,008	—	—	—	—	—	—	1,299,008
87010 - Salary And Wages - Regular	554,906	—	—	—	—	—	—	554,906
Subtotal	\$ 11,098,573	\$ 500,000	\$ 14,098,573					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 11,098,573	\$ 500,000	\$ 14,098,573					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6118 CAD System Server Replacement/Maintenance

Project Type: Distinct

Program: 7747

Theme: Community Information and Technology

Location: Public Safety Communications Center

Estimated Expenditures through 2016-17	\$ 1,514,842
Estimated Carryforward into 2017-18	\$ 2,930,158
Total Available Appropriations	\$ 2,930,158

Description: Replacement and upgrade of the Computer Aided Dispatch (CAD) and Records Management System (RMS) workstations and associated software.

Justification: The Police Department's Public Safety 9-1-1 Dispatch Center relies on a CAD system to initiate calls for service, to dispatch Police and Fire, and to maintain the status of responding public safety units. The Police Records Unit relies on RMS to file police reports and maintain accurate records of law enforcement documents. Both of these existing systems are aging and are not fully integrated. Our version of these software systems are reaching their shelf life and will no longer be supported by the vendors. In addition, most police departments have purchased or are in the process of purchasing fully integrated CAD/RMS systems with a single vendor. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q4 2008 to Q4 2019

Status: Consultant work Phase I and Phase II : Needs Assessment and RFP Development have been completed. RFP was due 1/25/17.

Department/Contact: Police/Wahid Kazem

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59900 - Trs In - Miscellaneous	\$ 425,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 425,000
59913 - Trs In - Capital Proj Reserves	4,020,000	—	—	—	—	—	—	4,020,000
Total	\$ 4,445,000	\$ —	\$ 4,445,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 645,544	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 645,544
80300 - Construction	28,189	—	—	—	—	—	—	28,189
80400 - Contingencies/Misc	300,000	—	—	—	—	—	—	300,000
80500 - Equipment	3,471,267	—	—	—	—	—	—	3,471,267
Subtotal	\$ 4,445,000	\$ —	\$ 4,445,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 4,445,000	\$ —	\$ 4,445,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6119 IT Disaster Protection Enhancements

Project Type: Distinct

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Description: Develop and deploy critical server redundancy solution; develop & deploy emergency backup solution.

Justification: To provide the City adequate backup and recovery capability for its IT systems.

Duration: Q3 2005 to Q4 2018

Status: A cloud based backup solution for critical systems is being evaluated for Business Continuity/Disaster Recovery for improved performance, cost and flexibility. Moving to the cloud will improve reliability by removing the tape devices that are prone to mechanical failures. This step will also facilitate development of a DR design using cloud resources.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2016-17	\$	350,369
Estimated Carryforward into 2017-18	\$	49,631
Total Available Appropriations	\$	49,631

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Total	\$ 400,000	\$ —	\$ 400,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 74,002	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 74,002
80300 - Construction	218,825	—	—	—	—	—	—	218,825
80400 - Contingencies/ Misc	1,386	—	—	—	—	—	—	1,386
80500 - Equipment	86,746	—	—	—	—	—	—	86,746
87010 - Salary And Wages - Regular	19,041	—	—	—	—	—	—	19,041
Subtotal	\$ 400,000	\$ —	\$ 400,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 400,000	\$ —	\$ 400,000					
Operating Impact		\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6501 FHRMS Update Project
Project Type: Ongoing
Program: 3322
Theme: Community Information and Technology
Location: City Hall

Estimated Expenditures through 2016-17	\$ 2,793,241
Estimated Carryforward into 2017-18	\$ 884,971
Total Available Appropriations	\$ 1,507,836

Description: Upgrade the various FHRMS business applications as needed to maintain vendor support for software and hardware needs.

Justification: The current version of PeopleSoft will be at the end of its lifecycle in January 2018. Upgrading will ensure proper PeopleSoft support through FY 2023-24 as well as provide technological upgrades and process enhancements.

Duration: Q1 2005 to Ongoing

Status: The PeopleSoft system (Financials and HR/Payroll) began an upgrade in March 2017. This upgrade to PeopleSoft Version 9.2 will ensure the City is on the minimum supported version from Oracle and will also provide for some enhanced functionality. Other FHRMS modules including CORE Onestep, SecurePay Pro, and HdL Prime Business License, and Questica Budgeting are currently in supported versions.

Department/Contact: Finance/David Noce

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59900 - Trs In - Miscellaneous	\$ 5,600	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,600
59904 - Trs In - Cemetery	21,244	3,602	—	—	—	—	—	24,846
59907 - Trs In - Solid Waste	205,079	34,781	—	—	—	—	—	239,860
59909 - Trs In - Sewer	92,099	15,620	—	—	—	—	—	107,719
59911 - Trs In - Water	270,623	45,897	—	—	—	—	—	316,520
59912 - Trs In - Electric	792,796	134,456	—	—	—	—	—	927,252
59913 - Trs In - Capital Proj Reserves	2,153,408	365,213	—	—	—	—	—	2,518,621
59914 - Trs In - Bldg Insp Reserves	137,363	23,296	—	—	—	—	—	160,659
Total	\$ 3,678,212	\$ 622,865	\$ —	\$ 4,301,077				

FUND 539 - GENERAL GOVERNMENT

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,777,689	\$ 462,865	\$ —	\$ —	\$ —	\$ —	\$ —	3,240,554
80500 - Equipment	513,965	10,000	—	—	—	—	—	523,965
87010 - Salary And Wages - Regular	386,558	150,000	—	—	—	—	—	536,558
Subtotal	\$ 3,678,212	\$ 622,865	\$ —	4,301,077				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,678,212	\$ 622,865	\$ —	4,301,077				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6505 **Replace Network Equipment**

Project Type: Ongoing

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$ 1,617,567
Estimated Carryforward into 2017-18	\$ 57,433
Total Available Appropriations	\$ 309,433

Description: Replace outdated network infrastructure with a fault-tolerant and redundant solution in support of mission critical voice, video and data needs.

Justification: Standard best practices such as fault tolerance and enterprise management are critical in support of life and property and revenue based systems. These features are critical as the network in transition to Citywide connectivity including Police and Fire departments.

Duration: Q1 2008 to Ongoing

Status: The network warranty and support was renewed for a further 5 years. Switches were upgraded to handle additional capacity requirements and the Wi-Fi access points were upgraded to the latest wireless standards to provide support of new and faster protocols. Additional wireless access points were added to improve coverage and performance within city facilities after performing a wireless survey of the coverage. The network infrastructure continues to be enhanced to better support Wi-Fi and mobility with the ever growing use of laptops, tablets and smartphones for city and public use.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 1,675,000	\$ 252,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Total	\$ 1,675,000	\$ 252,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ 1,675,000	\$ 252,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Subtotal	\$ 1,675,000	\$ 252,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,675,000	\$ 252,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6513 Computer Replacement Program

Project Type: Ongoing

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$ 1,552,493
Estimated Carryforward into 2017-18	\$ 247,507
Total Available Appropriations	\$ 322,507

Description: Replacement of older and obsolete desktop and laptop computers. Approximately 1000 computers are installed throughout the City for staff use and fall under this project.

Justification: Desktop computers, laptops, printers and peripherals used throughout the City are replaced every four to five years to insure computers are compatible with current software, stay reliable and support end user productivity.

Duration: Q1 2006 to Ongoing

Status: A significant project to move to the new Windows and Office platform is to be undertaken and a bulk of the replacements planned to be made in phased manner in conjunction with the rollout. In addition, we will be refreshing older monitors, upgrading the last remaining conference rooms with updated A/V equipment, and adding some addition tablets and laptops to increase user mobility and improve productivity and customer service.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59903 - Trs In - Auto	\$ 14,745	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 14,745
59904 - Trs In - Cemetery	1,650	—	—	—	—	—	—	1,650
59907 - Trs In - Solid Waste	5,670	—	—	—	—	—	—	5,670
59909 - Trs In - Sewer	14,745	—	—	—	—	—	—	14,745
59911 - Trs In - Water	20,770	—	—	—	—	—	—	20,770
59913 - Trs In - Capital Proj Reserves	1,742,420	75,000	250,000	250,000	250,000	250,000	250,000	3,067,420
Total	\$ 1,800,000	\$ 75,000	\$ 250,000	\$ 3,125,000				

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 12,060	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,060
80500 - Equipment	1,787,940	75,000	250,000	250,000	250,000	250,000	250,000	3,112,940
Subtotal	\$ 1,800,000	\$ 75,000	\$ 250,000	\$ 3,125,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,800,000	\$ 75,000	\$ 250,000	\$ 3,125,000				

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6514 **Consolidate and Upgrade Servers**

Project Type: Ongoing

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Description: Consolidate, upgrade and replace City application and infrastructure servers. Upgrade equipment in City Hall Data Center.

Justification: Servers should be replaced every four to five years due to the anticipated serviceable life and capacity of the equipment. This project also focuses on server virtualization, consolidation, storage, and back-up equipment to decrease the number of servers housed in the Data Center while improving performance and reliability.

Duration: Q1 2006 to Ongoing

Status: Dramatic reduction in physical servers has resulted in well over a million dollars of cost savings over the past few years. The City continues to follow this strategy with work continuing to virtualize the remaining servers in the infrastructure. A high availability metro stretch cluster is in place between City Hall and the Police Dept. We are focusing on task automation and virtual infrastructure management to increase performance, resiliency and security. Storage continues to grow and will be expanded as needed to meet demand.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2016-17	\$ 1,533,422
Estimated Carryforward into 2017-18	\$ 116,578
Total Available Appropriations	\$ 366,578

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 1,650,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,700,000
Total	\$ 1,650,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,700,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 118,474	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 118,474
80500 - Equipment	1,531,526	250,000	200,000	200,000	200,000	200,000	—	2,581,526
Subtotal	\$ 1,650,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,700,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,650,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,700,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6520 General Plan Update

Project Type: Distinct

Program: 5523

Theme: Land Use and Housing Programs

Location: Citywide

Description: A comprehensive update of the City's General Plan and Zoning Code.

Justification: This project meets the Council Priority and Goal to promote and enhance economic development and housing development. The City adopted the current General Plan in 2010. According to the General Plan (Action 1.7.2), the Zoning Code is required to be updated following the General Plan adoption. The remaining project budget and additional funds are intended to cover this update and related tasks which will allow continued housing and economic development.

Duration: Q1 2014 to Q4 2018

Status: Zoning Code update underway to implement adopted General Plan.

Department/Contact: Planning/Lee Butler

Estimated Expenditures through 2016-17	\$ 2,530,154
Estimated Carryforward into 2017-18	\$ 290,846
Total Available Appropriations	\$ 290,846

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 1,200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,200,000
59914 - Trs In - Bldg Insp Reserves	1,621,000	—	—	—	—	—	—	1,621,000
Total	\$ 2,821,000	\$ —	\$ 2,821,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,555,614	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,555,614
87010 - Salary And Wages - Regular	265,386	—	—	—	—	—	—	265,386
Subtotal	\$ 2,821,000	\$ —	\$ 2,821,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,821,000	\$ —	\$ 2,821,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6521 **Web Content Management System**

Project Type: Distinct

Program: 1912

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$	282,981
Estimated Carryforward into 2017-18	\$	107,019
Total Available Appropriations	\$	257,019

Description: Enhancements to the City's web site resulting in consistency, branding, ease of search, improved navigation, updates for ADA compliance and residents' transactions.

Justification: Continuing to build on the current Content Management Project will provide improved functionality on the City's websites for residents. Further technological enhancements will improve efficiencies and enhance visitors' experiences consistent with the City's brand image when accessing services and information within the City.

Duration: Q1 2007 to Q4 2018

Status: In the summer of 2015, a complete redesign of the City websites was implemented including rebranding, partnering with departments to remove dated and unused web content and updating the site menu structure and organization. The on premise content management system was moved to a cloud service and upgraded to a newer version content management system with improved functionality and disaster recovery. The result was a revitalized web presence with a clear brand. An ADA review for users with disabilities and remediation of identified gaps is planned in support of the user experience.

The Capital Budget for FY 2017-18 envisions a review and update to the City Websites in support of a new and improved user experience. This review will include a redesigned Home Page, improvements in content and an ADA review and remediation of identified gaps

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59912 - Trs In - Electric	\$ —	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
59913 - Trs In - Capital Proj Reserves	390,000	130,000	—	—	—	—	—	520,000
Total	\$ 390,000	\$ 150,000	\$ —	\$ 540,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 368,736	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 518,736
80500 - Equipment	21,264	—	—	—	—	—	—	21,264
Subtotal	\$ 390,000	\$ 150,000	\$ —	\$ 540,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 390,000	\$ 150,000	\$ —	\$ 540,000				
Operating Impact		\$ 26,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 276,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6532 **Intranet Collaboration Suite Implementation**
Project Type: Distinct
Program: 1912
Theme: Community Information and Technology
Location: Citywide

Estimated Expenditures through 2016-17	\$ 32,625
Estimated Carryforward into 2017-18	\$ 175,375
Total Available Appropriations	\$ 175,375

Description: The intranet is built upon Microsoft Share Point Server and is a collaborative hub with relevant modules for document management, site search, and portal services to provide a unified portal for internal Citywide and Departmental content and collaboration.

Justification: This Intranet Collaboration Suite takes another step forward and creates an environment conducive to information sharing and knowledge building. This will enhance the City's ability to serve its residents by enhancing internal communication and making information easier to access.

Duration: Q1 2009 to Q4 2018

Status: The Intranet, built upon SharePoint, continues to increase. The current SharePoint platform is an older version and lacks in permission management and functionality. The Capital Budget for FY 2017-18 envisions a complete business process analysis, redesign, and implementation of SharePoint Online and training of City staff.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 208,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 208,000
Total	\$ 208,000	\$ —	\$ 208,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 192,625	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 192,625
80500 - Equipment	15,375	—	—	—	—	—	—	15,375
Subtotal	\$ 208,000	\$ —	\$ 208,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 208,000	\$ —	\$ 208,000					
Operating Impact		\$ —	\$ 100,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 200,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6534 **GIS Enterprise System (Geospatial Information System)**

Project Type: Ongoing

Program: 1913

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$ 1,890,720
Estimated Carryforward into 2017-18	\$ 384,280
Total Available Appropriations	\$ 1,184,280

Description: Investment in GIS technologies to build a Citywide GIS Enterprise system. The goal of Enterprise GIS is to distribute geospatial data and functionality throughout the City while leveraging and integrating department layers. Enterprise GIS streamline engineering, permitting and inspection processes; improve land management; improve asset utilization of public services; and helps engage the community through increasing shared information.

Justification: Primary benefits of GIS system include cost savings resulting from greater efficiency, better recordkeeping and decision making, improved communication, and managing projects geographically rather than departmentally task based.

Duration: Q1 2013 to Ongoing

Status: The program has contributed to the enablement of City infrastructure by modeling utility networks in GIS and integrating with the computerized asset maintenance management system. More asset classes have been added to GIS such as underground electric easements, city trees, roadside signs and markings, and parks irrigation systems, making them available for an asset management solution. Citizen's usage is increasing through multiple public outlets such as MapSantaClara, Public Geospatial Data Portal, the Development Projects Story Map, and the Live Traffic Cameras application.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59909 - Trs In - Sewer	\$ 170,500	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 320,500
59911 - Trs In - Water	199,500	75,000	75,000	75,000	75,000	75,000	75,000	649,500
59912 - Trs In - Electric	475,000	150,000	150,000	100,000	100,000	100,000	100,000	1,175,000
59913 - Trs In - Capital Proj Reserves	450,000	400,000	300,000	200,000	—	—	—	1,350,000
59914 - Trs In - Bldg Insp Reserves	980,000	150,000	50,000	—	—	—	—	1,180,000
Total	\$ 2,275,000	\$ 800,000	\$ 600,000	\$ 400,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,675,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,075,000	\$ 800,000	\$ 600,000	\$ 400,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,475,000
80500 - Equipment	200,000	—	—	—	—	—	—	200,000
Subtotal	\$ 2,275,000	\$ 800,000	\$ 600,000	\$ 400,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,675,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,275,000	\$ 800,000	\$ 600,000	\$ 400,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,675,000
Operating Impact		\$ —	\$ 400,000	\$ 600,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 3,400,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6541 1021-1031 El Camino Real Development Site
Project Type: Ongoing
Program: 1013
Theme: Economic Development/Business Retention
Location: City Wide

Estimated Expenditures through 2016-17	\$ 2,725,077
Estimated Carryforward into 2017-18	\$ 124,923
Total Available Appropriations	\$ 124,923

Description: In September 2014, The City purchased 1031 El Camino Real (aka former 1948 King's Highway Motel), an L-shaped lot approximately 0.59 acres which is currently a vacant lot. It was determined that the acquisition of the adjacent property would facilitate development by creating a rectangular lot. In January 2017, the Council authorized an agreement to purchase 1021 El Camino Real, a 0.18 acre site. The carryover balance includes the cost to acquire the property, a due diligence review, standard transaction, demolition of structure and general maintenance.

Justification: The City's purchase of these properties is to eliminate blight along El Camino Real and to possibly redevelop into one site for affordable housing purposes. This meets the Council Goal to promote and enhance economic development and housing development.

Duration: Q3 2014 to Ongoing

Status: Properties are fenced in for security purposes. Sufficient carryover to assist in preparing the 1031 El Camino Real property land for development i.e. soil testing and environmental review. The carryover balance includes the cost to acquire the 1021 El Camino Real property, a due diligence review, standard transaction, demolition of structure and general maintenance.

Department/Contact: Community Development/Andrew Crabtree

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59915 - Trs In - Land Sale Reserves	\$ 2,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,850,000
Total	\$ 2,850,000	\$ —	\$ 2,850,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80200 - Land	\$ 2,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,850,000
Subtotal	\$ 2,850,000	\$ —	\$ 2,850,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,850,000	\$ —	\$ 2,850,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6542 Automotive Services IT Upgrades

Project Type: Distinct

Program: 2123

Theme: Community Information and Technology

Location: 1700 Walsh Ave

Estimated Expenditures through 2016-17	\$	70,674
Estimated Carryforward into 2017-18	\$	39,326
Total Available Appropriations	\$	49,326

Description: Fleet Management is upgrading Fleet Management, Fuel Management, and Fuel Monitoring software applications. Fleet Management application upgrade to improved web-based application. Fuel Management application upgrade to web-based version, upgrade fuel key pads to minimize manual data entry, and dedicated IP addressing at fuel sites. Fuel Monitoring application upgrade to web-based application, and dedicated IP addressing.

Justification: Upgrading these applications assists Fleet Management in staying current with best available recourses for tracking fleets. These applications help us deliver and enhance high quality efficient services and infrastructure to our customers.

Duration: Q1 2015 to Q4 2019

Status: FY 2017-18 - upgrade Fleet Management software.
FY 2018-19 - complete Fleet Management software upgrade.

Department/Contact: Public Works/Chris Fazzi

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59903 - Trs In - Auto	\$ 110,000	\$ 10,000	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ 130,000
Total	\$ 110,000	\$ 10,000	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ 130,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ 110,000	\$ 10,000	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ 130,000
Subtotal	\$ 110,000	\$ 10,000	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ 130,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 110,000	\$ 10,000	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ 130,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6543 **Digital Radio System Infrastructure**
Project Type: Distinct
Program: 7722
Theme: Community Information and Technology
Location: Various locations in the County of Santa Clara

Estimated Expenditures through 2016-17	\$ 1,242,773
Estimated Carryforward into 2017-18	\$ 1,851
Total Available Appropriations	\$ 624,163

Description: The City is replacing its existing analog radio system and infrastructure with a new digital radio system. All dispatch consoles, vehicle radios, and hand-held radios were replaced in 2014. The amount requested represents the City's portion of the SVRCS capital contribution toward a future countywide communications system. The infrastructure will be completed in a phased approach with the goal to connect the entire region's public safety radio system.

Justification: This project was initially approved in FY 2015-16 in order to pay the City's portion of the infrastructure costs (e.g. equipment, and infrastructure/development) to the Silicon Valley Radio Communication System (SVRCS). Completion of the Countywide radio system infrastructure will ensure better communication among public safety agencies in surrounding counties and enhance the delivery of essential City services.

Duration: Q3 2015 to Q4 2019

Status: The total payment was to be spread over three fiscal years. In FY 2015-16, \$614,029 was paid, in FY 2016-17, \$599,732 was paid. For FY 2017-18, \$622,000 will be due.

Department/Contact: Police/Steve Buress

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59903 - Trs In - Auto	\$ 6,632	\$ 3,316	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 9,948
59907 - Trs In - Solid Waste	10,564	5,282	—	—	—	—	—	15,846
59909 - Trs In - Sewer	16,594	8,297	—	—	—	—	—	24,891
59911 - Trs In - Water	49,780	24,890	—	—	—	—	—	74,670
59912 - Trs In - Electric	182,326	91,163	—	—	—	—	—	273,489
59913 - Trs In - Capital Proj Reserves	978,728	489,364	—	—	—	—	—	1,468,092
Total	\$ 1,244,624	\$ 622,312	\$ —	\$ 1,866,936				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,244,624	\$ 622,312	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,866,936
Subtotal	\$ 1,244,624	\$ 622,312	\$ —	\$ 1,866,936				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,244,624	\$ 622,312	\$ —	\$ 1,866,936				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6544 Specific Plan for Tasman East

Project Type: Distinct

Program: 5532

Theme: Land Use and Housing Programs

Location: Tasman East Future Area

Estimated Expenditures through 2016-17	\$	606,745
Estimated Carryforward into 2017-18	\$	163,255
Total Available Appropriations	\$	163,255

Description: Create a Specific Plan for the Tasman East Future Area that would implement Policy 5.4.5.P-1 General Plan, which requires creation of a plan for the Future Areas of the City.

Justification: The City's 2010 General Plan calls for the creation of Specific Plans. Reimbursement from developers is anticipated to cover a significant portion of costs. The reimbursement process will begin after the completion of the Specific Plan. This project meets the Council Priority and Goal to promote and enhance economic development and housing development.

Duration: Q2 2016 to Q2 2018

Status: Project outreach will continue in FY17-18 with anticipated completion of the Plan and supporting EIR for Council adoption in Q2 of 2018.

Department/Contact: Planning/John Davidson

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59914 - Trs In - Bldg Insp Reserves	\$ 770,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 770,000
Total	\$ 770,000	\$ —	\$ 770,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 420,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 420,000
87010 - Salary And Wages - Regular	350,000	—	—	—	—	—	—	350,000
Subtotal	\$ 770,000	\$ —	\$ 770,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 770,000	\$ —	\$ 770,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6547 Convention Center Land Purchase
Project Type: Distinct
Program: 1013
Theme: Economic Development/Business Retention
Location: Convention Center

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	4,108,395
Total Available Appropriations	\$	4,108,395

Description: To purchase the Convention Center as a result of the dissolution of the Santa Clara Redevelopment Agency. The Santa Clara Redevelopment Agency, along with all redevelopment agencies in the State of California, was dissolved effective February 1, 2012 in accordance with Dissolution Laws adopted by the State Legislature. In accordance with the Dissolution Laws, all assets of the former Redevelopment Agency are required to be disposed of pursuant to a Long Range Property Management Plan, approved by the Oversight Board for the Successor Agency and the California Department of Finance. The Oversight Board approved a Long Range Property Management Plan (LRPMP) on December 18, 2015 and the Department of Finance approved the LRPMP on December 22, 2015. The LRPMP calls for the Santa Clara Convention Center property as well as the parking structure and the common areas surrounding the Convention Center to be retained by the City of Santa Clara pursuant to the terms of a Compensation Agreement to be entered into by and among the City, the Successor Agency and all of the taxing entities in the former Redevelopment Project Area.

Justification: Provides a place for the community to gather for special events and serves as a location for businesses to utilize for conferences. This will meet City Council's goal to promote and enhance economic development and deliver high quality efficient services and infrastructure.

Duration: Q3 2016 to Q4 2018

Status: In contract negotiations to settle the purchase agreement.

Department/Contact: City Manager's Office

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59915 - Trs In - Land Sale Reserves	\$ 4,108,395	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,108,395
Total	\$ 4,108,395	\$ —	\$ 4,108,395					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80200 - Land	\$ 4,108,395	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,108,395
Subtotal	\$ 4,108,395	\$ —	\$ 4,108,395					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 4,108,395	\$ —	\$ 4,108,395					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6549 **Agenda and Document Management Systems**

Project Type: Distinct

Program: 2312

Theme: Community Information and Technology

Location: City Hall

Estimated Expenditures through 2016-17	\$	8,500
Estimated Carryforward into 2017-18	\$	391,500
Total Available Appropriations	\$	791,500

Description: The SIRE system has recently shown its limitations regarding functionality, suffering frequent system failures, and caused an inability for both internal and external users to access the system and view Council meetings. To resolve these issues, the City Clerk would like to submit a request for proposals (RFP) for a new agenda and document management system. The replacement system would provide modern technology, functionality and reliability for the City, enhancing efficiency for staff and improving the interface for the public.

Justification: In the previous fiscal year, the City deferred funding a new agenda and records management system. The current obsolete status of SIRE and recurring reliability issues make it untenable to continue for another year without retaining and implementing a new system. A new agenda and document management system will provide a more stable platform on which to enhance services and build efficiencies. Examples of this include a more sustainable migration to an electronic "workflow" agenda preparation process, reduce the interruptions in video streaming for staff and the public, and overall enhance functionality for the City. This project supports the City council goal of delivering and enhancing high quality efficient services and infrastructure. This project supports the Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q4 2019

Status: Staff anticipates Council awarding the Agenda and Document Management project in Fiscal Year 2017/2018, full implementation of the Agenda Management System and a phased implementation of the Electronic Document Management System during Fiscal Year 2017-2018. In the interim, staff will continue to provide training and support for the current SIRE system, including the agenda, records management and iPad application. SIRE has frequent reliability issues, a lack of clarity regarding future vendor support, and a replacement system is greatly needed.

Department/Contact: City Clerk/Rod Diridon

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59911 - Trs In - Water	\$ 8,412	\$ 8,413	\$ 421	\$ —	\$ —	\$ —	\$ —	\$ 17,246
59912 - Trs In - Electric	54,679	54,679	2,734	—	—	—	—	112,092
59913 - Trs In - Capital Proj Reserves	336,909	336,908	16,845	—	—	—	—	690,662
Total	\$ 400,000	\$ 400,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ 820,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 390,000	\$ 400,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ 810,000
80500 - Equipment	10,000	—	—	—	—	—	—	10,000
Subtotal	\$ 400,000	\$ 400,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ 820,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 400,000	\$ 400,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ 820,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6550 Cyber Security Risk Mitigation
Project Type: Distinct
Program: 1921
Theme: Community Information and Technology
Location: Citywide

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	175,000
Total Available Appropriations	\$	300,000

Description: Cyber Security program to protect City networks, computers, programs and data from attack, damage or unauthorized access.

Justification: There is a critical need to monitor, manage and secure the City's technology assets. This project will enable the City to implement a Cyber Security program designed to protect networks, computers, programs and sensitive data from attack, damage or unauthorized access. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q4 2018

Status: Security Monitoring has been implemented and fine tuning of the tools continues. Additional security scanning tools have been identified and implemented.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 175,000	\$ 125,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Total	\$ 175,000	\$ 125,000	\$ —	\$ 300,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 175,000	\$ 125,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Subtotal	\$ 175,000	\$ 125,000	\$ —	\$ 300,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 175,000	\$ 125,000	\$ —	\$ 300,000				
Operating Impact		\$ —	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6551 **End User/Desktop Transformation**

Project Type: Distinct

Program: 1921

Theme: Community Information and Technology

Location: Citywide

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	260,000
Total Available Appropriations	\$	260,000

Description: Update City desktop systems Windows 10 and migrate to Microsoft's Government Office 365 Cloud services.

Justification: To maintain an efficient, productive and secure computing environment, City desktops and laptops will be upgrade to Windows 10 and to the current cloud based productivity software Microsoft Office 365. Backend collaboration infrastructure such as email will be migrated to Microsoft's Government Office 365 Cloud Services. This will ensure more seamless collaboration across and between all parts of the City organization for making informed and thoughtful decisions and finally to the residents and business we are here to serve. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2017 to Q4 2018

Status: Work continues on the pilot program to migrate the IT Dept to Office 365, including Skype for Business, and OneDrive. Migration of City departments is planned in 17/18.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59913 - Trs In - Capital Proj Reserves	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 260,000
Total	\$ 260,000	\$ —	\$ 260,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 260,000
Subtotal	\$ 260,000	\$ —	\$ 260,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 260,000	\$ —	\$ 260,000					
Operating Impact		\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6552 **Financial Management System Replacement**
Project Type: Distinct
Program: 3322
Theme: Community Information and Technology
Location: City Hall

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	250,000
Total Available Appropriations	\$	250,000

Description: This project will replace the current financial system (PeopleSoft) with a new, government accounting specific financial reporting package. The new system will contain the General Ledger and Financial Reporting as well as new Human Resources and Payroll systems. It is anticipated that the new ERP system would replace other stand alone systems currently in use, such as the cashing and business license systems.

Justification: The current financial reporting system is more than thirteen years old and not designed specifically for local government fund accounting. This new system will allow the City to leverage government specific functionality and ease of use in all aspects of financial reporting.

Duration: Q1 2017 to Q4 2022

Status: For 2018-19 - initial contact with consultants to evaluate the needs of the City and help select an ERP vendor.

Department/Contact: Finance/David Noce

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59904 - Trs In - Cemetery	\$ 1,446	\$ —	\$ 11,569	\$ 11,569	\$ 2,892	\$ 2,892	\$ 2,892	\$ 33,260
59907 - Trs In - Solid Waste	13,960	—	111,680	111,680	27,920	27,920	27,920	321,080
59909 - Trs In - Sewer	6,269	—	50,154	50,154	12,539	12,539	12,539	144,194
59911 - Trs In - Water	18,422	—	147,373	147,373	36,843	36,843	36,843	423,697
59912 - Trs In - Electric	53,966	—	431,735	431,735	107,934	107,934	107,934	1,241,238
59913 - Trs In - Capital Proj Reserves	146,586	—	1,172,685	1,172,685	293,171	293,171	293,171	3,371,469
59914 - Trs In - Bldg Insp Reserves	9,351	—	74,804	74,804	18,701	18,701	18,701	215,062
Total	\$ 250,000	\$ —	\$ 2,000,000	\$ 2,000,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,750,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
80500 - Equipment	—	—	1,700,000	1,700,000	400,000	400,000	400,000	4,600,000
87010 - Salary And Wages - Regular	—	—	300,000	300,000	100,000	100,000	100,000	900,000
Subtotal	\$ 250,000	\$ —	\$ 2,000,000	\$ 2,000,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,750,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 250,000	\$ —	\$ 2,000,000	\$ 2,000,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,750,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6553 **Purchase of Morse Mansion**
Project Type: Distinct
Program: 1013
Theme: Economic Development/Business Retention
Location: Morse Mansion

Estimated Expenditures through 2016-17	\$ 3,876,893
Estimated Carryforward into 2017-18	\$ 28,107
Total Available Appropriations	\$ 28,107

Description: On June 30, 2016, the Purchase and Sale Agreement with Morse- Fremont 08 LLC was executed to acquire the Morse Mansion, located at 981 Fremont St.

Justification: Preservation of Land. This will meet the Council Goal to promote and enhance economic development and housing development.

Duration: Q1 2017 to Q4 2018

Status: Purchase of the Morse Mansion was completed October 7, 2016. Currently identifying repair work timeline. The property is currently being leased to and used by a sorority for student housing. Lease term expires in January 2024. Current agreement with Property Manager expires April 20, 2017. RFP for Property Manager to go out February 2017, and anticipated to be taken to Council April 2017.

Department/Contact: City Manager's Office

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59915 - Trs In - Land Sale Reserves	\$ 3,905,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,905,000
Total	\$ 3,905,000	\$ —	\$ 3,905,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80200 - Land	\$ 3,905,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,905,000
Subtotal	\$ 3,905,000	\$ —	\$ 3,905,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,905,000	\$ —	\$ 3,905,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6554 90 N Winchester Market Value

Project Type: Distinct

Program: 1013

Theme: Economic Development/Business Retention

Location: 90 N Winchester

Estimated Expenditures through 2016-17	\$ 4,050,000
Estimated Carryforward into 2017-18	\$ —
Total Available Appropriations	\$ —

Description: In September 2016, SB 680 was approved which authorized the modification of existing terms and conditions of the transfer to the Housing authority from the state approx. 6 acres of land at 90 N. Winchester Blvd.

Justification: This meets the Council Goal to Promote and enhance economic development and affordable housing development.

Duration: Q2 2017 to Q4 2018

Status: The land purchase from the state was completed in December 2016. The Housing Authority is currently in the process of developing transaction documents with the developer and Council has hired a place-making contract to be incorporated into the development of this site. Anticipated entitlements to developer estimated June 2018.

Department/Contact: City Manager's Office

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59915 - Trs In - Land Sale Reserves	\$ 4,050,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,050,000
Total	\$ 4,050,000	\$ —	\$ 4,050,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80200 - Land	\$ 4,050,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,050,000
Subtotal	\$ 4,050,000	\$ —	\$ 4,050,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 4,050,000	\$ —	\$ 4,050,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 539-001	Fire Alarm Panel Migration					
First Year Funding Requested:	2017	Status: Future					
Description:	The Police Department building has an automatic fire alarm system that was installed when the building was opened (2000). The system is managed by a central control panel.						
Justification:	The current fire alarm panel has been inspected and is working reasonably well for it's age. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.						
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ 55,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	

Project Name:	Future 539-003	Gun Range Roof Replacement					
First Year Funding Requested:	2017	Status: Future					
Description:	The Police Department's indoor pistol range is in need of a roof replacement.						
Justification:	The current roof is leaking and has outlived its usable life.						
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ —	\$ 200,000	\$ —	\$ —	\$ —	\$ 200,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	

FUND 539 - GENERAL GOVERNMENT

PROJECTS CLOSING IN 2017-18

Project ID/Name:	6093 Planning and Building Inspection Document Imaging
Status:	Closed.
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
59914 - Trs In - Bldg Insp Reserves	\$ 851,500 \$ 772,308 \$ 79,192

Project ID/Name:	6102 Greenhouse Gas Emissions Monitoring Tool
Status:	Closed.
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
59914 - Trs In - Bldg Insp Reserves	\$ 10,000 \$ 9,995 \$ 5

Project ID/Name:	6516 Data Center Enhancements
Status:	Closed. Moved to the Operating budget.
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
59913 - Trs In - Capital Proj Reserves	\$ 580,000 \$ 579,999 \$ 1

Project ID/Name:	6535 Housing Element and General Plan Update
Status:	Closed.
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
59914 - Trs In - Bldg Insp Reserves	\$ 184,000 \$ 117,531 \$ 66,469

Project ID/Name:	6536 Precise Plan for El Camino Real
Status:	Closed. Moved to the Operating budget.
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
55580 - Grant Funding	\$ 850,000 \$ — \$ 850,000
59914 - Trs In - Bldg Insp Reserves	115,909 — 115,909

Project ID/Name:	6537 Specific Plan for Lawrence Station
Status:	Completed.
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
59914 - Trs In - Bldg Insp Reserves	\$ 1,210,522 \$ 992,942 \$ 217,580

FUND 539 - GENERAL GOVERNMENT

PROJECTS CLOSING IN 2017-18

Project ID/Name: 6545 Specific Plan for the Downtown Focus Area

Status: Closed. Moved to the Operating budget.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59914 - Trs In - Bldg Insp Reserves	\$ 650,000 \$	— \$	650,000

Project ID/Name: 6548 Community Signage Project

Status: Closed.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
59913 - Trs In - Capital Proj Reserves	\$ 226,000 \$	— \$	226,000



City of Santa Clara

The Center of What's Possible

Enterprise Funds

- **Fund 534 – Street Lighting**
- **Fund 591 – Electric Utility**
- **Fund 592 – Water Utility**
- **Fund 597 – Recycled Water**
- **Fund 594 – Sewer Utility**
- **Fund 593 – Cemetery**
- **Fund 596 – Solid Waste**

Fund 534

Street Lighting



Projects related to the replacement and installation of Citywide street lighting to provide adequate lighting for streets, new developments, and parking lots.



Financing Sources:

- Customer Service Charges
- Developer Contributions
- Electric Public Benefits Charge

FUND 534 - STREET LIGHTING

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Intra Trs In - Cust Srvc Chrg	59945 \$ 11,179,953	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 11,429,953
Intra Trs In - Electric (PBC)	59947 3,060,000	—	—	—	—	—	—	3,060,000
Subtotal	\$ 14,239,953	\$ —	\$ 50,000	\$ 14,489,953				
Other Revenues								
Developer Contributions	59000 \$ 50,000	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
Subtotal	\$ 50,000	\$ —	\$ 50,000	\$ 300,000				
Total Financing Sources	\$ 14,289,953	\$ —	\$ 100,000	\$ 14,789,953				

* Amount represents cumulative appropriations since project inception.

FUND 534 - STREET LIGHTING

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 233,486	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 283,486
Construction	80300 12,451,265	—	90,000	90,000	90,000	90,000	90,000	12,901,265
Contingency	80400 846	—	—	—	—	—	—	846
Equipment	80500 1,250,000	—	—	—	—	—	—	1,250,000
Salary And Wages	87010 354,356	—	—	—	—	—	—	354,356
Subtotal Appropriations	\$ 14,289,953	\$ —	\$ 100,000	\$ 14,789,953				
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 14,289,953	\$ —	\$ 100,000	\$ 14,789,953				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 534 - STREET LIGHTING

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	2871	Miscellaneous Street Lighting	\$ 491,625	\$ 395,553	\$ 96,072	\$ —	\$ 96,072
Ongoing	2872	New Development Street Lighting	507,615	291,059	216,556	—	216,556
Distinct	2873	El Camino Real Street Lighting Improvement	5,736,335	5,543,602	192,733	—	192,733
Distinct	2874	LED Street Lighting Retrofit	3,420,000	1,286,293	2,133,707	—	2,133,707
Distinct	2875	Great America Street Light Replacement Project	4,054,378	444,575	3,609,803	—	3,609,803
Distinct	2876	LED Street Flood Lighting Retrofit	80,000	—	80,000	—	80,000
Total			\$ 14,289,953	\$ 7,961,081	\$ 6,328,872	\$ —	\$ 6,328,872

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 534 - STREET LIGHTING

Project ID/Name: 2871 **Miscellaneous Street Lighting**

Project Type: Ongoing

Program: 1361

Theme: Santa Clara Utilities

Location: Various Locations throughout the City.

Description: Install additional and replace existing street lighting facilities to maintain adequate street lightning levels.

Justification: Provide adequate street lighting in areas where existing street lighting levels are deficient.

Duration: Q1 2009 to Ongoing

Status: Work is initiated and completed dependent upon customer requests and identified opportunities.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	395,553
Estimated Carryforward into 2017-18	\$	96,072
Total Available Appropriations	\$	96,072

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 491,625	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 741,625
Total	\$ 491,625	\$ —	\$ 50,000	\$ 741,625				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 38,086	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 63,086
80300 - Construction	390,604	—	45,000	45,000	45,000	45,000	45,000	615,604
80400 - Contingencies/ Misc	846	—	—	—	—	—	—	846
87010 - Salary And Wages - Regular	62,089	—	—	—	—	—	—	62,089
Subtotal	\$ 491,625	\$ —	\$ 50,000	\$ 741,625				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 491,625	\$ —	\$ 50,000	\$ 741,625				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

Project ID/Name: 2872 **New Development Street Lighting**
Project Type: Ongoing
Program: 1361
Theme: Santa Clara Utilities
Location: Various Locations throughout the City.
Description: Street lighting projects for new developments.
Justification: Provide street lighting in new developments.
Duration: Q1 2009 to Ongoing
Status: Work will be performed as demand requires.
Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	291,059
Estimated Carryforward into 2017-18	\$	216,556
Total Available Appropriations	\$	216,556

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 50,000	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
59945 - Intra Trs In - Cust Srvs Chrg	457,615	—	—	—	—	—	—	457,615
Total	\$ 507,615	\$ —	\$ 50,000	\$ 757,615				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 15,400	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 40,400
80300 - Construction	440,661	—	45,000	45,000	45,000	45,000	45,000	665,661
87010 - Salary And Wages - Regular	51,554	—	—	—	—	—	—	51,554
Subtotal	\$ 507,615	\$ —	\$ 50,000	\$ 757,615				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 507,615	\$ —	\$ 50,000	\$ 757,615				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

Project ID/Name: 2873 **EI Camino Real Street Lighting Improvement**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Various
Description: Replace existing mercury vapor and high pressure sodium street lights with LED street lights.
Justification: Energy efficiency.
Duration: Q1 2015 to Q4 2019
Status: Scheduled for completion in calendar year 2016.
Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$ 5,543,602
Estimated Carryforward into 2017-18	\$ 192,733
Total Available Appropriations	\$ 192,733

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Svc Chrg	\$ 5,736,335	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,736,335
Total	\$ 5,736,335	\$ —	\$ 5,736,335					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 5,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,500,000
87010 - Salary And Wages - Regular	236,335	—	—	—	—	—	—	236,335
Subtotal	\$ 5,736,335	\$ —	\$ 5,736,335					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 5,736,335	\$ —	\$ 5,736,335					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

Project ID/Name: 2874 **LED Street Lighting Retrofit**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Various
Description: Replace existing mercury vapor and high pressure sodium street lights with LED street lights.
Justification: Energy efficiency.
Duration: Q1 2015 to Q4 2019
Status: Planning phase in FY 2016-17.
Department/Contact: Electric/Mary McEnroe

Estimated Expenditures through 2016-17	\$ 1,286,293
Estimated Carryforward into 2017-18	\$ 2,133,707
Total Available Appropriations	\$ 2,133,707

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvs Chrg	\$ 420,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 420,000
59947 - Intra Trs In - Electric (PBC)	3,000,000	—	—	—	—	—	—	3,000,000
Total	\$ 3,420,000	\$ —	\$ 3,420,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 110,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 110,000
80300 - Construction	3,310,000	—	—	—	—	—	—	3,310,000
Subtotal	\$ 3,420,000	\$ —	\$ 3,420,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,420,000	\$ —	\$ 3,420,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

Project ID/Name: 2875 **Great America Street Light Replacement Project**

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Tasman Drive and Great America Parkway

Description: Phase 1 - Replace street lights along Tasman Drive and Great America Parkway.

Justification: Existing luminaires are deteriorated and are no longer manufactured. Project will also support the efforts to modernize appearance of approaches to the Northern Entertainment District.

Duration: Q1 2015 to Q4 2018

Status: Going to construction Q3 2016.

Department/Contact: Electric/Mark Gervacio

Estimated Expenditures through 2016-17	\$ 444,575
Estimated Carryforward into 2017-18	\$ 3,609,803
Total Available Appropriations	\$ 3,609,803

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 4,054,378	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,054,378
Total	\$ 4,054,378	\$ —	\$ 4,054,378					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
80300 - Construction	2,750,000	—	—	—	—	—	—	2,750,000
80500 - Equipment	1,250,000	—	—	—	—	—	—	1,250,000
87010 - Salary And Wages - Regular	4,378	—	—	—	—	—	—	4,378
Subtotal	\$ 4,054,378	\$ —	\$ 4,054,378					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 4,054,378	\$ —	\$ 4,054,378					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

Project ID/Name: 2876 LED Street Flood Lighting Retrofit

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Various.

Description: Replace existing mercury vapor and high pressure sodium floodlights under the current SL-2 rate schedule with energy efficient LED lights.

Justification: Replace existing mercury vapor and high pressure sodium floodlights under the current SL-2 rate schedule with energy efficient LED lights. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2016 to Q4 2018

Status: Planning phase in FY 2017/18.

Department/Contact: Electric/Mary McEnroe

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	80,000
Total Available Appropriations	\$	80,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
59947 - Intra Trs In - Electric (PBC)	60,000	—	—	—	—	—	—	60,000
Total	\$ 80,000	\$ —	\$ 80,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
80300 - Construction	60,000	—	—	—	—	—	—	60,000
Subtotal	\$ 80,000	\$ —	\$ 80,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 80,000	\$ —	\$ 80,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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Fund 591

Electric Utility



Projects related to ongoing system improvements, substation construction, and technology projects



Financing Sources:

- Bonds
- Electric Cost Recovery
- Customer Service Charges
- Developer Contributions
- Other Enterprise Revenue
- Sale of Land

FUND 591 - ELECTRIC UTILITY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Trs In - Solid Waste	59907 \$ —	\$ 21,500	\$ 129,000	\$ 182,750	\$ 182,750	\$ —	\$ —	\$ 516,000
Trs In - Storm Drain	59908 —	1,000	6,000	8,500	8,500	—	—	24,000
Trs In - Sewer	59909 250,000	546,000	276,000	391,000	391,000	—	—	1,854,000
Trs In - Water	59911 250,000	539,500	237,000	335,750	335,750	—	—	1,698,000
Trs In - Electric	59912 —	392,000	2,352,000	3,332,000	3,332,000	—	—	9,408,000
Intra Trs In - Miscellaneous	59940 4,461,075	17,000,000	—	—	—	—	—	21,461,075
Intra Trs In - Debt Financing	59942 21,800,000	—	—	—	—	—	—	21,800,000
Intra Trs In - Cust Svc Chrg	59945 129,339,263	31,890,200	23,891,400	11,496,400	18,750,400	13,017,600	11,920,000	240,305,263
Intra Trs In - Electric Fiber	59946 —	300,000	300,000	300,000	300,000	300,000	—	1,500,000
Intra Trs In - Electric (PBC)	59947 1,215,133	—	—	—	—	—	—	1,215,133
Intra Trs In - Electric (CRF)	59948 14,410,332	250,000	7,050,000	7,050,000	250,000	250,000	300,000	29,560,332
Subtotal	\$ 171,725,803	\$ 50,940,200	\$ 34,241,400	\$ 23,096,400	\$ 23,550,400	\$ 13,567,600	\$ 12,220,000	\$ 329,341,803
Other Revenues								
Developer Contributions	59000 \$ 21,050,000	\$ 4,525,000	\$ 3,950,000	\$ 13,900,000	\$ 3,750,000	\$ 3,650,000	\$ 4,200,000	\$ 55,025,000
Damage Recoveries	59200 3,000,000	—	—	—	—	—	—	3,000,000
Subtotal	\$ 24,050,000	\$ 4,525,000	\$ 3,950,000	\$ 13,900,000	\$ 3,750,000	\$ 3,650,000	\$ 4,200,000	\$ 58,025,000
Total Financing Sources	\$ 195,775,803	\$ 55,465,200	\$ 38,191,400	\$ 36,996,400	\$ 27,300,400	\$ 17,217,600	\$ 16,420,000	\$ 387,366,803

* Amount represents cumulative appropriations since project inception.

FUND 591 - ELECTRIC UTILITY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 31,575,051	\$ 3,725,000	\$ 4,315,000	\$ 4,325,000	\$ 4,275,000	\$ 915,000	\$ 865,000	\$ 49,995,051
Land	80200 3,000,000	—	—	—	—	—	—	3,000,000
Construction	80300 109,311,979	42,055,000	31,091,000	24,621,000	16,785,000	11,731,000	8,920,000	244,514,979
Contingency	80400 2,089,911	100,000	600,000	850,000	850,000	—	—	4,489,911
Equipment	80500 47,537,764	9,585,200	2,185,400	7,200,400	5,390,400	4,571,600	6,635,000	83,105,764
Salary And Wages	87010 2,261,098	—	—	—	—	—	—	2,261,098
Subtotal Appropriations	\$ 195,775,803	\$ 55,465,200	\$ 38,191,400	\$ 36,996,400	\$ 27,300,400	\$ 17,217,600	\$ 16,420,000	\$ 387,366,803
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 195,775,803	\$ 55,465,200	\$ 38,191,400	\$ 36,996,400	\$ 27,300,400	\$ 17,217,600	\$ 16,420,000	\$ 387,366,803
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 3,050,000	\$ 6,000,000	\$ 16,000,000	\$ 500,000	\$ —	\$ 25,550,000
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 591 - ELECTRIC UTILITY

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Work Order	2004	Fiber Optic Network Work Orders for Dept, City and Fiber Lease Customers	\$ —	\$ —	\$ —	\$ 1,075,000	\$ 1,075,000
Work Order	2005	New Business Estimate Work	—	—	—	3,750,000	3,750,000
Work Order	2006	Distribution Capital Maintenance and Betterments	—	—	—	2,150,000	2,150,000
Work Order	2007	Transmission Capital Maintenance and Betterments	—	—	—	250,000	250,000
Work Order	2008	Substation Capital Maintenance & Betterments	—	—	—	750,000	750,000
Work Order	2010	Electric Yard Buildings and Grounds	—	—	—	100,000	100,000
Distinct	2104	Serra Substation Re-Build	16,974,097	3,636,182	13,337,915	—	13,337,915
Distinct	2106	System Short Circuit Fault Duty Reduction	4,471,040	974,546	3,496,494	—	3,496,494
Distinct	2108	SCADA System II Phase II	500,000	312,141	187,859	—	187,859
Distinct	2111	Implementation of Advanced Metering Infrastructure (AMI)	32,072,355	25,972,808	6,099,547	750,000	6,849,547
Distinct	2116	De La Cruz Junction Substation 60kV	12,592,163	6,844,184	5,747,979	—	5,747,979
Ongoing	2119	Generation Capital Maintenance and Betterments	7,151,548	4,998,694	2,152,854	750,000	2,902,854
Ongoing	2122	Power Scheduling	3,544,175	3,410,372	133,803	350,000	483,803
Distinct	2123	Customer Service Program Development	867,464	589,980	277,484	60,000	337,484
Ongoing	2124	Transmission System Reinforcements	3,834,439	2,732,211	1,102,228	250,000	1,352,228
Ongoing	2125	Public Benefits Program	1,215,133	201,657	1,013,476	—	1,013,476
Distinct	2126	Silicon Valley Power Utility Center	3,701,923	179,989	3,521,934	20,500,000	24,021,934
Ongoing	2127	Major Engine Overhaul and Repair	25,727,373	22,588,871	3,138,502	5,200,000	8,338,502
Distinct	2385	Back-Up Control Center	550,000	511,395	38,605	—	38,605
Ongoing	2387	PC Lifecycle Replacement	777,002	776,910	92	115,200	115,292
Ongoing	2390	Electric Cyber Security	3,680,567	3,155,025	525,542	650,000	1,175,542
Ongoing	2395	Operations and Planning Technology	5,622,876	4,891,738	731,138	250,000	981,138
Distinct	2398	Clean Energy and Carbon Reduction	1,461,565	304,352	1,157,213	—	1,157,213
Distinct	2403	Install Fairview Substation	21,114,896	18,367,872	2,747,024	—	2,747,024
Distinct	2404	Install Phase Shifting Transformer at NRS	29,196,778	20,440,695	8,756,083	—	8,756,083
Distinct	2405	SVP Fiber Optic Expansion Project	3,228,802	2,635,403	593,399	50,000	643,399
Ongoing	2406	Utility Communications Infrastructure Betterments	450,000	266,882	183,118	—	183,118
Distinct	2407	Bucks Creek Relicensing	4,427,997	3,848,671	579,326	635,000	1,214,326
Distinct	2408	Electric Planning and Strategic Services Building and Grounds	145,000	124,936	20,064	30,000	50,064
Distinct	2409	Substation Protective Relay	700,000	487,793	212,207	450,000	662,207
Distinct	2410	Replace NRS 115/60kV Transformers	655,191	614,609	40,582	9,050,000	9,090,582
Distinct	2411	Control Center Transmission Outage Application Suite (TOA)	375,000	215,211	159,789	—	159,789
Distinct	2413	Distributed Antenna System Development	2,318,719	729,523	1,589,196	—	1,589,196

FUND 591 - ELECTRIC UTILITY

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Distinct	2415	SCADA EMS	475,000	206,750	268,250	—	268,250
Distinct	2416	Black Butte Afterbay Erosion Remediation	2,502,772	546,313	1,956,459	200,000	2,156,459
Distinct	2417	Outage Management & Communications Program	300,000	—	300,000	—	300,000
Distinct	2418	Esperanca Substation	750,000	—	750,000	—	750,000
Distinct	2419	Brokaw Substation Expansion	548,640	324,271	224,369	—	224,369
Ongoing	2420	Overhead Infrastructure Replacement	1,001,606	11,634	989,972	1,000,000	1,989,972
Distinct	2421	Relocation of Electric Crossings for CALTrain	500,000	—	500,000	2,250,000	2,750,000
Distinct	2422	Northwestern Substation Expansion	2,341,682	162,266	2,179,416	—	2,179,416
Distinct	2423	Utility Billing CIS Replacement	—	—	—	500,000	500,000
Distinct	2424	Substation Physical Security Improvements	—	—	—	250,000	250,000
Distinct	2425	DVR Gas Turbine Control System Upgrade	—	—	—	500,000	500,000
Distinct	2426	DVR SCR and CO Catalyst Replacement	—	—	—	500,000	500,000
Distinct	2427	Mitsubishi Steam Turbine Major Overhaul	—	—	—	2,500,000	2,500,000
Distinct	2428	Cogen Gas Turbine 25ppm Nox Reduction	—	—	—	200,000	200,000
Distinct	2429	Storm Water Compliance	—	—	—	400,000	400,000
Total			\$ 195,775,803	\$ 131,063,882	\$ 64,711,921	\$ 55,465,200	\$ 120,177,121

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2004 **Fiber Optic Network Work Orders for Dept, City and Fiber Lease Customers**

Project Type: Work Order

Program: 1317

Theme: Santa Clara Utilities

Location: Various locations served by the SVP Fiber Enterprise Program (Dark Fiber Leasing Services)

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	1,075,000

Description: SVP Fiber Optic work orders provide necessary communication and support for Electric Utility operations and City Departments, and for Dark Fiber Lease Services for schools and businesses through the SVP Fiber Enterprise Program.

Justification: This project supports construction and overall operations and maintenance of the dark fiber infrastructure (i.e. fiber plant, including fiber cable, innerduct, manholes/handholes, and vaults) and allows for future development of communications infrastructure to support Electric and City-based applications and Dark Fiber Lease Customers. SVP Fiber CIP 2004 also supports the Water and Sewer Utilities SCADA Improvement and Replacement Projects.

Duration: Q1 2018 to Q4 2018

Status: On-going work orders are driven by Fiber Customer Demand and by F/O System maintenance requirements. Current Fiber Lease Customers include 28 long-term Fiber Leases, Electric Utility, and City Departments. Over the next 5 years, CIP 2004 will support Water and Sewer Utilities SCADA Improvement and Replacement Projects, and new customer projects.

Department/Contact: Electric/Deborah Barry

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ —	\$ 775,000	\$ 700,000	\$ 500,000	\$ 400,000	\$ 400,000	\$ 700,000	\$ 3,475,000
59946 - Intra Trs In - Electric Fiber	—	300,000	300,000	300,000	300,000	300,000	—	1,500,000
Total	\$ —	\$ 1,075,000	\$ 1,000,000	\$ 800,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,975,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 975,000	\$ 900,000	\$ 720,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 4,485,000
80500 - Equipment	—	100,000	100,000	80,000	70,000	70,000	70,000	490,000
Subtotal	\$ —	\$ 1,075,000	\$ 1,000,000	\$ 800,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,975,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 1,075,000	\$ 1,000,000	\$ 800,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 4,975,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2005 **New Business Estimate Work**

Project Type: Work Order

Program: 1361

Theme: Santa Clara Utilities

Location: Various locations throughout the City.

Description: Design and construct new electric distribution facilities to serve new and existing customers' requests for increased electric load. Increased budget to reflect increased development activity in the City of Santa Clara.

Justification: Required to serve the electric energy needs of customers within the City.

Duration: Q1 2018 to Q4 2018

Status: Ongoing work using the existing estimate (work order) management system.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	3,750,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ —	\$ 3,750,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,500,000	\$ 20,250,000
Total	\$ —	\$ 3,750,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,500,000	\$ 20,250,000

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000
80300 - Construction	\$ —	3,500,000	3,000,000	3,000,000	3,000,000	3,000,000	3,250,000	18,750,000
Subtotal	\$ —	\$ 3,750,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,500,000	\$ 20,250,000

Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 3,750,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,500,000	\$ 20,250,000

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2006 Distribution Capital Maintenance and Betterments

Project Type: Work Order

Program: 1376

Theme: Santa Clara Utilities

Location: Citywide

Description: Design and construction of capital maintenance and betterment to the distribution system.

Justification: Maintain system reliability and extend the life span of the existing distribution system.

Duration: Q1 2018 to Q4 2018

Status: On-going work using an estimate (work order) system.

Department/Contact: Electric/Dave Padilla

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	2,150,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srv Chrg	\$ —	\$ 2,150,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 14,650,000
Total	\$ —	\$ 2,150,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 14,650,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 2,150,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 14,650,000
Subtotal	\$ —	\$ 2,150,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 14,650,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 2,150,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 14,650,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2007 Transmission Capital Maintenance and Betterments

Project Type: Work Order

Program: 1361

Theme: Santa Clara Utilities

Location: Various locations throughout the City.

Description: Design and construct modifications to the high voltage (60kV, 115kV and 230kV) transmission lines required to meet reliability and operations requirements.

Justification: Modifications are required to maintain system reliability and extend the useful life of the transmission system throughout the City. Modifications provide for the safety and high reliability of the transmission system that is expected by our customer base.

Duration: Q1 2018 to Q4 2018

Status: Ongoing work using an estimate (work order) management system.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	250,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 1,550,000
Total	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 1,550,000

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 1,550,000
Subtotal	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 1,550,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 1,550,000

Operating Impact	\$	—	\$	—	\$	—	\$	—	\$	—
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FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2008 **Substation Capital Maintenance & Betterments**
Project Type: Work Order
Program: 1372
Theme: Santa Clara Utilities
Location: Citywide
Description: Design and construction of capital maintenance and betterment modifications to distribution substations and receiving stations.
Justification: Maintain system reliability and extend life span of existing substation equipment.
Duration: Q1 2018 to Q4 2018
Status: On-going work using an estimate (work order) system.
Department/Contact: Electric/Greg Garcia

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	750,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 750,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ —	\$ 3,050,000
Total	\$ —	\$ 750,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ —	\$ 3,050,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ —	\$ 250,000
80300 - Construction	—	700,000	500,000	500,000	550,000	550,000	—	2,800,000
Subtotal	\$ —	\$ 750,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ —	\$ 3,050,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 750,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ —	\$ 3,050,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2010 Electric Yard Buildings and Grounds
Project Type: Work Order
Program: 1378
Theme: Santa Clara Utilities
Location: 1705 Martin Avenue
Description: Improvements at the Utility Center, e.g., re-roofing, fencing, paving and structural needs.
Justification: This is a work order account to fund the capital improvements and ensure building code compliance at the Utility Service Center.
Duration: Q1 2018 to Q4 2018
Status: May include ADA improvements, paving and other system upgrades.
Department/Contact: Electric/Mark Gervacio

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Total	\$ —	\$ 100,000	\$ 600,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Subtotal	\$ —	\$ 100,000	\$ 600,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 600,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2104 Serra Substation Re-Build
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Serra Substation 5301 Stevens Creek Boulevard

Estimated Expenditures through 2016-17	\$ 3,636,182
Estimated Carryforward into 2017-18	\$ 13,337,915
Total Available Appropriations	\$ 13,337,915

Description: Replace a 20 MVA transformer (Bank 1) and install an additional 20 MVA transformer (Bank 2); replace old metal class switchgear with new 12kV switchgear and add additional 12kV switchgear. Currently leasing the site and are in the process of purchasing the land.

Justification: Provide for the replacement of older equipment at Serra Substation to serve customer loads in the area. Installation of 20 MVA transformer at Serra will enable this substation to serve the changing customer load requirements in the area. Increased budget for additional design, increased land costs, re-certification of transformers by manufacturer, and installation of distribution feeder substructures.

Duration: Q1 2007 to Q4 2019

Status: New transformers are on-site and available for installation. Environmental/Land work started and design work is in progress. Negotiating land purchase with current land owner.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Svc Chrg	\$ 13,474,097	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 13,474,097
59948 - Intra Trs In - Electric (CRF)	3,500,000	—	—	—	—	—	—	3,500,000
Total	\$ 16,974,097	\$ —	\$ 16,974,097					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,386,817	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,386,817
80200 - Land	3,000,000	—	—	—	—	—	—	3,000,000
80300 - Construction	12,496,240	—	—	—	—	—	—	12,496,240
87010 - Salary And Wages - Regular	91,040	—	—	—	—	—	—	91,040
Subtotal	\$ 16,974,097	\$ —	\$ 16,974,097					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 16,974,097	\$ —	\$ 16,974,097					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2106 **System Short Circuit Fault Duty Reduction**

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Various Electric Utility Substations throughout the City.

Description: Install new equipment to limit the available short circuit fault duty within the substation facilities. Replace existing substation equipment, if necessary, to be within available short circuit fault duty at the substation.

Justification: To reduce the available short circuit fault duty on the electric system to reduce the risk of equipment damage.

Duration: Q4 2008 to Q4 2018

Status: Projects and work are identified as other work activities develop. No specific initiatives are underway at this time, but further system modifications are required.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$ 974,546
Estimated Carryforward into 2017-18	\$ 3,496,494
Total Available Appropriations	\$ 3,496,494

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 2,305,147	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,305,147
59948 - Intra Trs In - Electric (CRF)	2,165,893	—	—	—	—	—	—	2,165,893
Total	\$ 4,471,040	\$ —	\$ 4,471,040					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 759,158	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 759,158
80300 - Construction	3,646,548	—	—	—	—	—	—	3,646,548
87010 - Salary And Wages - Regular	65,334	—	—	—	—	—	—	65,334
Subtotal	\$ 4,471,040	\$ —	\$ 4,471,040					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 4,471,040	\$ —	\$ 4,471,040					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2108 SCADA System II Phase II

Project Type: Distinct

Program: 1362

Theme: Santa Clara Utilities

Location: Electric Service Center

Description: Upgrade SCADA System Software and Hardware.

Justification: Current SCADA hardware and software revisions are nearing the end of their service life. These units need to be replaced and re-engineered to provide for continued support, maintenance and to facilitate a back-up control room for SVP.

Duration: Q2 2012 to Q1 2018

Status: The system is expected to be completed in the first quarter of fiscal year 2018.

Department/Contact: Electric/Jeff Ipsaro

Estimated Expenditures through 2016-17	\$	312,141
Estimated Carryforward into 2017-18	\$	187,859
Total Available Appropriations	\$	187,859

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59948 - Intra Trs In - Electric (CRF)	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Total	\$ 500,000	\$ —	\$ 500,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Subtotal	\$ 500,000	\$ —	\$ 500,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ 500,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2111 **Implementation of Advanced Metering Infrastructure (AMI)**

Project Type: Distinct

Program: 1351

Theme: Santa Clara Utilities

Location: Santa Clara residents & businesses, IT and wireless communication infrastructure.

Estimated Expenditures through 2016-17	\$ 25,972,808
Estimated Carryforward into 2017-18	\$ 6,099,547
Total Available Appropriations	\$ 6,849,547

Description: Design, install and leverage wireless communication system for Citywide benefit. Support real-time, two-way communication to advanced electric meters with compatibility to incorporate water meter reading. Data integration with multiple systems in billing and SVP operations for automated billing and outage detection.

Justification: Automating the acquisition of data from customer meters and distribution monitors through a robust communication network will bring flexibility and efficiency to SVP Engineering and Operations, eliminate meter reading errors/estimates and reduce risks to reading staff. Provides platform for customer service benefits and wireless communications for City efforts. Major expense in FY2017-18 is purchase of meters to complete field replacements throughout the City. Also purchasing equipment to improve reliability for meterdata and billing support. Moving forward there is an expected expense to replace batteries in wifi radios and Gatekeeper equipment. With EOL announcement of current bladecenter product, a new product will need to be researched and replaced (in concert with efforts leveraged out of Cybersecurity 2390).

Duration: Q1 2008 to Q4 2018

Status: First stage of meter installations complete. Integration testing complete. Remaining phases of meter installs to be completed along with creating robust processing tools and procedures.

Department/Contact: Electric/Tim Lynch/Ann Hatcher

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Svc Chrg	\$ 29,062,355	\$ 750,000	\$ 125,000	\$ 110,000	\$ 115,000	\$ 80,000	\$ —	\$ 30,242,355
59948 - Intra Trs In - Electric (CRF)	3,010,000	—	—	—	—	—	—	3,010,000
Total	\$ 32,072,355	\$ 750,000	\$ 125,000	\$ 110,000	\$ 115,000	\$ 80,000	\$ —	\$ 33,252,355
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,856,880	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,906,880
80300 - Construction	12,962,220	700,000	125,000	110,000	115,000	80,000	—	14,092,220
80400 - Contingencies/ Misc	64,804	—	—	—	—	—	—	64,804
80500 - Equipment	15,896,443	—	—	—	—	—	—	15,896,443
87010 - Salary And Wages - Regular	292,008	—	—	—	—	—	—	292,008
Subtotal	\$ 32,072,355	\$ 750,000	\$ 125,000	\$ 110,000	\$ 115,000	\$ 80,000	\$ —	\$ 33,252,355
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 32,072,355	\$ 750,000	\$ 125,000	\$ 110,000	\$ 115,000	\$ 80,000	\$ —	\$ 33,252,355
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2116 De La Cruz Junction Substation 60kV
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Mathew Avenue and De La Cruz Boulevard

Estimated Expenditures through 2016-17	\$ 6,844,184
Estimated Carryforward into 2017-18	\$ 5,747,979
Total Available Appropriations	\$ 5,747,979

Description: Design and construct 60kV junction substation to connect to a single customer substation. Facilities are being provided at the request of the customer and will be done at the customer's expense. Remaining funds are for completing south loop expansion required to serve this customer. These funds are developer's contributions toward completion of this project.

Justification: To provide facilities to serve a single customer at 60kV service and meet the customer's increased electric demand.

Duration: Q2 2008 to Q4 2018

Status: Construction of customer substation completed May 2011. Transmission line work planned for 2018.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 12,300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,300,000
59945 - Intra Trs In - Cust Srvc Chrg	292,163	—	—	—	—	—	—	292,163
Total	\$ 12,592,163	\$ —	\$ 12,592,163					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,124,831	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,124,831
80300 - Construction	11,017,796	—	—	—	—	—	—	11,017,796
80400 - Contingencies/ Misc	22,172	—	—	—	—	—	—	22,172
87010 - Salary And Wages - Regular	427,364	—	—	—	—	—	—	427,364
Subtotal	\$ 12,592,163	\$ —	\$ 12,592,163					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 12,592,163	\$ —	\$ 12,592,163					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2119 **Generation Capital Maintenance and Betterments**

Project Type: Ongoing

Program: 1377

Theme: Santa Clara Utilities

Location: Generation Plants within the City.

Description: Design and construct modifications to electric generation facilities owned by the City.

Justification: Perform capital maintenance identified via routine and periodic inspections and overhaul. Design and construct capital modifications of existing generation facilities and associated equipment necessary to maintain operating efficiency and comply with regulatory requirements.

Duration: Q1 2009 to Ongoing

Status: Work is initiated and completed dependent upon identified opportunities.

Department/Contact: Electric/Chet Manchester

Estimated Expenditures through 2016-17	\$ 4,998,694
Estimated Carryforward into 2017-18	\$ 2,152,854
Total Available Appropriations	\$ 2,902,854

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 7,151,548	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 11,651,548
Total	\$ 7,151,548	\$ 750,000	\$ 11,651,548					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,870,443	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 2,470,443
80300 - Construction	4,226,560	500,000	500,000	500,000	500,000	500,000	500,000	7,226,560
80400 - Contingencies/ Misc	2,935	—	—	—	—	—	—	2,935
80500 - Equipment	1,028,735	150,000	150,000	150,000	150,000	150,000	150,000	1,928,735
87010 - Salary And Wages - Regular	22,875	—	—	—	—	—	—	22,875
Subtotal	\$ 7,151,548	\$ 750,000	\$ 11,651,548					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 7,151,548	\$ 750,000	\$ 11,651,548					

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2122 **Power Scheduling**
Project Type: Ongoing
Program: 1351
Theme: Santa Clara Utilities
Location: 881 Martin Avenue

Estimated Expenditures through 2016-17	\$ 3,410,372
Estimated Carryforward into 2017-18	\$ 133,803
Total Available Appropriations	\$ 483,803

Description: Implement hardware and software changes to power scheduling trading computers.

Justification: Necessary to maintain scheduling reliability and to incorporate new agency requirements CA.-Oregon Transmission Project, Transmission Agency of Northern CA. Power Pool, and Western System Power Pool, CA. Independent System Operator. Anticipated expenses next year are mostly surrounding efforts on the NCPA scheduling application work as well as definitively separating network segments that might fall under NERC CIP scrutiny. New equipment will be needed for both efforts.

Duration: Q1 2009 to Ongoing

Status: Ongoing implementation of new hardware and software (ACES, Cal ISO) modifications to reflect continuous upgrades to accommodate sizing of trading business.

Department/Contact: Electric/Chris Cervelli/Tim Lynch

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 3,544,175	\$ 350,000	\$ 350,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ —	\$ 5,444,175
Total	\$ 3,544,175	\$ 350,000	\$ 350,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ —	\$ 5,444,175
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 470,203	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 470,203
80300 - Construction	883,944	—	—	—	—	—	—	883,944
80500 - Equipment	2,190,028	350,000	350,000	400,000	400,000	400,000	—	4,090,028
Subtotal	\$ 3,544,175	\$ 350,000	\$ 350,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ —	\$ 5,444,175
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,544,175	\$ 350,000	\$ 350,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ —	\$ 5,444,175
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2123 **Customer Service Program Development**

Project Type: Distinct

Program: 1311

Theme: Santa Clara Utilities

Location: Citywide

Description: Develop and improve new services for customers enabled by information technology advancements and contemporary customer service strategies.

Justification: Develop and improve new services for customers enabled by information technology advancements and strategies.

Duration: Q1 2009 to Q4 2025

Status: Actively working on updated e-billing and energy use data portals, the design and implementation of summary billing and the investigation of an automated outage management and communications system, including all aspects of customer service associated with these technologies.

Department/Contact: Electric/Larry Owens

Estimated Expenditures through 2016-17	\$	589,980
Estimated Carryforward into 2017-18	\$	277,484
Total Available Appropriations	\$	337,484

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 867,464	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,427,464
Total	\$ 867,464	\$ 60,000	\$ 100,000	\$ 1,427,464				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 316,563	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 876,563
80300 - Construction	534,755	—	—	—	—	—	—	534,755
80500 - Equipment	16,146	—	—	—	—	—	—	16,146
Subtotal	\$ 867,464	\$ 60,000	\$ 100,000	\$ 1,427,464				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 867,464	\$ 60,000	\$ 100,000	\$ 1,427,464				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2124 **Transmission System Reinforcements**

Project Type: Ongoing

Program: 1361

Theme: Santa Clara Utilities

Location: Various locations throughout the City.

Description: Design and construct modifications to the 60kV, 115kV and 230kV transmission system required to meet forecasted load increases and maintain reliability and operational flexibility.

Justification: To meet forecasted load demands due to customer load increases and system operational changes. Provide system enhancements to maintain reliability and operational flexibility of the transmission system.

Duration: Q1 2009 to Ongoing

Status: Ongoing upgrades are being made to the transmission system to meet customer load and reliability requirements.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$ 2,732,211
Estimated Carryforward into 2017-18	\$ 1,102,228
Total Available Appropriations	\$ 1,352,228

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 3,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,000,000
59948 - Intra Trs In - Electric (CRF)	834,439	250,000	7,050,000	7,050,000	250,000	250,000	300,000	15,984,439
Total	\$ 3,834,439	\$ 250,000	\$ 7,050,000	\$ 7,050,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 18,984,439
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 550,000
80300 - Construction	3,584,439	200,000	7,000,000	7,000,000	200,000	200,000	250,000	18,434,439
Subtotal	\$ 3,834,439	\$ 250,000	\$ 7,050,000	\$ 7,050,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 18,984,439
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,834,439	\$ 250,000	\$ 7,050,000	\$ 7,050,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 18,984,439
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2125 **Public Benefits Program**
Project Type: Ongoing
Program: 1312
Theme: Santa Clara Utilities
Location: Various
Description: Various Public Benefits Program projects, such as Habitat for Humanity PV projects, a City energy efficiency loan program, photovoltaic systems projects, and other renewable resources projects.
Justification: Project funds as required by AB 1890.
Duration: Q1 2009 to Ongoing
Status: On-going projects as designated by state law.
Department/Contact: Electric/Mary McEnroe

Estimated Expenditures through 2016-17	\$ 201,657
Estimated Carryforward into 2017-18	\$ 1,013,476
Total Available Appropriations	\$ 1,013,476

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59947 - Intra Trs In - Electric (PBC)	\$ 1,215,133	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,215,133
Total	\$ 1,215,133	\$ —	\$ 1,215,133					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 106,160	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 106,160
80500 - Equipment	1,108,973	—	—	—	—	—	—	1,108,973
Subtotal	\$ 1,215,133	\$ —	\$ 1,215,133					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,215,133	\$ —	\$ 1,215,133					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2126 Silicon Valley Power Utility Center
Project Type: Distinct
Program: 1351
Theme: Santa Clara Utilities
Location: Civic Center Drive and El Camino Real
Description: Plan and construct a new utility center using green technology that will be capable of housing the Electric and Water Utility.
Justification: Increased efficiencies.
Duration: Q1 2011 to Q4 2021
Status: Preliminary Design Phase.
Department/Contact: Electric/Mark Gervacio

Estimated Expenditures through 2016-17	\$ 179,989
Estimated Carryforward into 2017-18	\$ 3,521,934
Total Available Appropriations	\$ 24,021,934

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59909 - Trs In - Sewer	\$ 250,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
59911 - Trs In - Water	250,000	500,000	—	—	—	—	—	750,000
59940 - Intra Trs In - Miscellaneous	3,000,000	17,000,000	—	—	—	—	—	20,000,000
59945 - Intra Trs In - Cust Srvs Chrg	201,923	2,500,000	1,000,000	500,000	—	—	—	4,201,923
Total	\$ 3,701,923	\$ 20,500,000	\$ 1,000,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 25,701,923
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 3,200,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,700,000
80300 - Construction	500,000	20,000,000	1,000,000	500,000	—	—	—	22,000,000
87010 - Salary And Wages - Regular	1,923	—	—	—	—	—	—	1,923
Subtotal	\$ 3,701,923	\$ 20,500,000	\$ 1,000,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 25,701,923
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,701,923	\$ 20,500,000	\$ 1,000,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 25,701,923
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2127 **Major Engine Overhaul and Repair**

Project Type: Ongoing

Program: 1377

Theme: Santa Clara Utilities

Location: Generation plants throughout the City.

Description: Complete major repairs due to unforeseen events and emergencies at generation facilities. Repair combustion turbines and complete generator inspections required due to operating hours of units.

Justification: To provide funding to repair facilities due to unanticipated major events/emergencies. To provide funding for overhauls/repairs identified due to required inspections.

Duration: Q1 2008 to Ongoing

Status: Work is initiated and completed dependent upon identified opportunities.

Department/Contact: Electric/Chet Manchester

Estimated Expenditures through 2016-17	\$ 22,588,871
Estimated Carryforward into 2017-18	\$ 3,138,502
Total Available Appropriations	\$ 8,338,502

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59200 - Damage Recoveries	\$ 3,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,000,000
59945 - Intra Trs In - Cust Srvs Chrg	22,727,373	5,200,000	3,200,000	3,300,000	2,500,000	5,800,000	5,800,000	48,527,373
Total	\$ 25,727,373	\$ 5,200,000	\$ 3,200,000	\$ 3,300,000	\$ 2,500,000	\$ 5,800,000	\$ 5,800,000	\$ 51,527,373
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 25,724,197	\$ 3,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ —	\$ 39,224,197
80500 - Equipment	—	1,700,000	700,000	800,000	—	3,300,000	5,800,000	12,300,000
87010 - Salary And Wages - Regular	3,176	—	—	—	—	—	—	3,176
Subtotal	\$ 25,727,373	\$ 5,200,000	\$ 3,200,000	\$ 3,300,000	\$ 2,500,000	\$ 5,800,000	\$ 5,800,000	\$ 51,527,373
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 25,727,373	\$ 5,200,000	\$ 3,200,000	\$ 3,300,000	\$ 2,500,000	\$ 5,800,000	\$ 5,800,000	\$ 51,527,373
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2385 **Back-Up Control Center**
Project Type: Distinct
Program: 1362
Theme: Santa Clara Utilities
Location: 881 Martin Avenue

Estimated Expenditures through 2016-17	\$	511,395
Estimated Carryforward into 2017-18	\$	38,605
Total Available Appropriations	\$	38,605

Description: Develop a remote back-up to Electric Control Center system for emergency back-up operations. This is a critical infrastructure modification.

Justification: Currently there are insufficient back-up capabilities for electric operations in the event of a catastrophic event such as a fire or earthquake. This project will analyze, design, and put in place back-up systems required to operate safely and reliably in such an emergency.

Duration: Q2 2012 to Q4 2018

Status: The project is in process and backup has moved to 881 Martin Avenue.

Department/Contact: Electric/Jeff Ipsaro

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
59948 - Intra Trs In - Electric (CRF)	300,000	—	—	—	—	—	—	300,000
Total	\$ 550,000	\$ —	\$ 550,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 100,000
80300 - Construction	450,000	—	—	—	—	—	—	450,000
Subtotal	\$ 550,000	\$ —	\$ 550,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 550,000	\$ —	\$ 550,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2387 **PC Lifecycle Replacement**

Project Type: Ongoing

Program: 1351

Theme: Santa Clara Utilities

Location: Various throughout City.

Description: Lifecycle Personal Computer replacement for aging machines, computing and communications operations.

Justification: SVP PC lifecycle replacement targets PCs not meeting minimum standards for performance and serviceability. Government agencies customarily observe a 4-6 year PC lifecycle. Extended PC replacements from 3-year to 4-year frequency. FY2017-18 we see a spike from the first turn of that change due to desktop and laptop quantities up for replacement. SSG has also been asked to include DVR workstations in the PC Lifecycle program moving forward.

Duration: Q1 2011 to Ongoing

Status: Plan on annually replacing aging PC's as needed.

Department/Contact: Electric/Chris Cervelli

Estimated Expenditures through 2016-17	\$	776,910
Estimated Carryforward into 2017-18	\$	92
Total Available Appropriations	\$	115,292

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 777,002	\$ 115,200	\$ 60,400	\$ 60,400	\$ 60,400	\$ 81,600	\$ 70,000	\$ 1,225,002
Total	\$ 777,002	\$ 115,200	\$ 60,400	\$ 60,400	\$ 60,400	\$ 81,600	\$ 70,000	\$ 1,225,002
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 196,655	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 196,655
80300 - Construction	140,937	—	—	—	—	—	—	140,937
80500 - Equipment	439,410	115,200	60,400	60,400	60,400	81,600	70,000	887,410
Subtotal	\$ 777,002	\$ 115,200	\$ 60,400	\$ 60,400	\$ 60,400	\$ 81,600	\$ 70,000	\$ 1,225,002
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 777,002	\$ 115,200	\$ 60,400	\$ 60,400	\$ 60,400	\$ 81,600	\$ 70,000	\$ 1,225,002
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2390 Electric Cyber Security
Project Type: Ongoing
Program: 1351
Theme: Santa Clara Utilities
Location: Various in City

Estimated Expenditures through 2016-17	\$ 3,155,025
Estimated Carryforward into 2017-18	\$ 525,542
Total Available Appropriations	\$ 1,175,542

Description: Implementation of SVP cyber security master plan to meet FERC security guidelines and infrastructure as outlined by industry and regulatory requirements included in the Federal Energy Power Act of 2005.

Justification: Several network security switches are at End of Life and will need to be replaced over the next fiscal year. We are also creating a small server room area to better aid in NERC CIP compliance for BECC. A second Oracle DB appliance will be purchased to help in management and utilization of current Oracle licenses, potentially with a slight reduction to Operating cost of oracle moving forward as we migrate Oracle license to these appliances. Increased meter data storage is needed to support requests from Engineering for AMI data. IBM has moved their blade center products under Lenovo who is obsoleting the product we currently use so SSG will be looking for replacement products.

Duration: Q1 2011 to Ongoing

Status: Implementation proceeding as per NERC CIP schedule through FY 2016-17. FERC continues to modify requirements.

Department/Contact: Electric/Tim Lynch

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 2,730,567	\$ 650,000	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,860,567
59948 - Intra Trs In - Electric (CRF)	950,000	—	—	—	—	—	—	950,000
Total	\$ 3,680,567	\$ 650,000	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,810,567
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 256,585	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 256,585
80300 - Construction	1,431,850	—	—	—	—	—	—	1,431,850
80500 - Equipment	1,991,796	650,000	480,000	500,000	500,000	500,000	500,000	5,121,796
87010 - Salary And Wages - Regular	336	—	—	—	—	—	—	336
Subtotal	\$ 3,680,567	\$ 650,000	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,810,567
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,680,567	\$ 650,000	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,810,567
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2395 **Operations and Planning Technology**

Project Type: Ongoing

Program: 1361

Theme: Santa Clara Utilities

Location: Service Center and City Hall

Estimated Expenditures through 2016-17	\$	4,891,738
Estimated Carryforward into 2017-18	\$	731,138
Total Available Appropriations	\$	981,138

Description: Implement, develop, procure and install an electronic mapping/records management system, operations planning tool, system planning and data warehouse.

Justification: The project will integrate processes, staff, and computer systems to improve the quality and efficiency of planning, operating and mapping/records for the electric utility. The improved systems and tools will result in improved work processes, asset record retention and service reliability.

Duration: Q1 2006 to Ongoing

Status: ISM is in deployment stages. Next working on enhancing ISM and developing a work management system.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 2,472,876	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 3,972,876
59948 - Intra Trs In - Electric (CRF)	3,150,000	—	—	—	—	—	—	3,150,000
Total	\$ 5,622,876	\$ 250,000	\$ 7,122,876					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 4,261,341	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 5,761,341
80300 - Construction	138,958	—	—	—	—	—	—	138,958
80500 - Equipment	1,117,392	—	—	—	—	—	—	1,117,392
87010 - Salary And Wages - Regular	105,185	—	—	—	—	—	—	105,185
Subtotal	\$ 5,622,876	\$ 250,000	\$ 7,122,876					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 5,622,876	\$ 250,000	\$ 7,122,876					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2398 **Clean Energy and Carbon Reduction**
Project Type: Distinct
Program: 1356
Theme: Santa Clara Utilities
Location: To be determined

Estimated Expenditures through 2016-17	\$ 304,352
Estimated Carryforward into 2017-18	\$ 1,157,213
Total Available Appropriations	\$ 1,157,213

Description: Analyze projects that may contribute to SVP's carbon offset requirements and meet state goals of AB32 and SB350. Develop projects that meet the needs of the utility to serve load in alignment with the Integrated Resource Plan.

Justification: To meet regulatory guidelines and for environmental protection.

Duration: Q1 2011 to Q4 2022

Status: Have analyzed areas of the City in need of Electric Vehicle infrastructure and began construction of infrastructure to support EV chargers (a goal of SB350), with emphasis on public locations. Continued analysis of clean energy generation opportunities to support SVP's carbon offset requirements.

Department/Contact: Electric/Kathleen Hughes/Ann Hatcher

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59940 - Intra Trs In - Miscellaneous	\$ 1,461,075	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,461,075
59945 - Intra Trs In - Cust Srvc Chrg	490	—	—	—	—	—	—	490
Total	\$ 1,461,565	\$ —	\$ 1,461,565					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 1,461,075	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,461,075
87010 - Salary And Wages - Regular	490	—	—	—	—	—	—	490
Subtotal	\$ 1,461,565	\$ —	\$ 1,461,565					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,461,565	\$ —	\$ 1,461,565					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2403 **Install Fairview Substation**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Fairview Substation Site at Central Expressway and Coronado Ave.

Estimated Expenditures through 2016-17	\$ 18,367,872
Estimated Carryforward into 2017-18	\$ 2,747,024
Total Available Appropriations	\$ 2,747,024

Description: Design, engineer, procure and construct a new distribution substation consisting of two transformer banks out of a three transformer bank station. Includes extension of 60kV transmission lines, installation of 60kV breakers and 12kV enclosed switchgear.

Justification: A new substation is required to meet future load growth in the area of Central Expressway and Coronado Ave.

Duration: Q1 2012 to Q4 2018

Status: Project is substantially complete and in operation with some punch list items remaining to be completed.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 6,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 6,000,000
59945 - Intra Trs In - Cust Srvc Chrg	15,114,896	—	—	—	—	—	—	15,114,896
Total	\$ 21,114,896	\$ —	\$ 21,114,896					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,494,089	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,494,089
80300 - Construction	5,175,619	—	—	—	—	—	—	5,175,619
80500 - Equipment	13,200,000	—	—	—	—	—	—	13,200,000
87010 - Salary And Wages - Regular	245,188	—	—	—	—	—	—	245,188
Subtotal	\$ 21,114,896	\$ —	\$ 21,114,896					

Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 21,114,896	\$ —	\$ 21,114,896					

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2404 Install Phase Shifting Transformer at NRS

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Northern Receiving Station, Santa Clara

Estimated Expenditures through 2016-17	\$	20,440,695
Estimated Carryforward into 2017-18	\$	8,756,083
Total Available Appropriations	\$	8,756,083

Description: Engineering, design, procure and construct the installation of a new 420 MVA 230kV Phase Shifting Transformer at Northern Receiving Station. Install supplemental equipment to reduce fault duties on the 115 kV system and 60 kV system resulting from the increased power flow on the 230kV system.

Justification: Phase Shifting Transformer has been installed. Presently working with CAISO and PG&E to improve operating conditions of the PST. The modifications to breakers at NRS is to mitigate system operating limits on 115kV system.

Duration: Q1 2013 to Q4 2018

Status: Project is in construction and scheduled for completion in 2017. Phase Shifting Transformer (PST) is in service. Next phase is replacing breakers at Northern Receiving Station (NRS).

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59942 - Intra Trs In - Debt Financing	\$ 21,800,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 21,800,000
59945 - Intra Trs In - Cust Srvc Chrg	7,396,778	—	—	—	—	—	—	7,396,778
Total	\$ 29,196,778	\$ —	\$ 29,196,778					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,483,244	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,483,244
80300 - Construction	13,947,866	—	—	—	—	—	—	13,947,866
80400 - Contingencies/ Misc	2,000,000	—	—	—	—	—	—	2,000,000
80500 - Equipment	10,000,000	—	—	—	—	—	—	10,000,000
87010 - Salary And Wages - Regular	765,668	—	—	—	—	—	—	765,668
Subtotal	\$ 29,196,778	\$ —	\$ 29,196,778					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 29,196,778	\$ —	\$ 29,196,778					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2405 SVP Fiber Optic Expansion Project

Project Type: Distinct

Program: 1317

Theme: Santa Clara Utilities

Location: Various Locations served by the SVP Fiber Enterprise (dark fiber leasing services).

Estimated Expenditures through 2016-17	\$ 2,635,403
Estimated Carryforward into 2017-18	\$ 593,399
Total Available Appropriations	\$ 643,399

Description: Since its launch in 2000, the SVP Fiber Enterprise dark fiber network has expanded from 43 to 145 fiber miles. This growth in the Central, Mission and Northern Rings was driven by new fiber lease customer demand, new data centers, social media, and cloud technology in Santa Clara. In addition, the old fiber infrastructure required reinforcement and flexibility to expand to meet speed-to-market business development demands.

Justification: Required to support new business development and communications needs of the City and Electric Utility, and the on-going demand of multiple Dark Fiber Lease customers. This project is now expected to be completed in FY 17-18.

Duration: Q1 2013 to Q4 2018

Status: In FY 2015-16, fiber re-enforcement and expansion of Northern Ring was completed. The Central Ring reinforcement was substantially completed with the installation of conduit and cable, incrementally. In FY 2016-17, the Central Ring reinforcement will be final with the installation of a 432 fiber cable, and final splicing and termination points to the backbone. The Southern Ring and a few other areas will require reinforcement in FY 17-18.

Department/Contact: Electric/Deborah Barry

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 3,228,802	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,278,802
Total	\$ 3,228,802	\$ 50,000	\$ —	\$ 3,278,802				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,244,226	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,244,226
80300 - Construction	614,364	50,000	—	—	—	—	—	664,364
80500 - Equipment	368,650	—	—	—	—	—	—	368,650
87010 - Salary And Wages - Regular	1,562	—	—	—	—	—	—	1,562
Subtotal	\$ 3,228,802	\$ 50,000	\$ —	\$ 3,278,802				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 3,228,802	\$ 50,000	\$ —	\$ 3,278,802				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2406 **Utility Communications Infrastructure Betterments**

Project Type: Ongoing

Program: 1313

Theme: Santa Clara Utilities

Location: Citywide

Estimated Expenditures through 2016-17	\$	266,882
Estimated Carryforward into 2017-18	\$	183,118
Total Available Appropriations	\$	183,118

Description: Optimize, expand and further develop the SVP MeterConnect Wi-Fi network and associated communication systems to support utility operations, new applications and future goals of this multi-use utility asset.

Justification: Augmenting the SVP MeterConnect outdoor Wi-Fi system expands the value of this multi-use system with relatively low additional costs. Still, new applications require funding support for research, development and deployment.

Duration: Q2 2014 to Ongoing

Status: The SVP MeterConnect Wi-Fi system is providing outdoor public Wi-Fi access across Santa Clara. In-use applications include: advanced metering, mobile workforce, remote monitoring, free public internet access and is being evaluated to support Water SCADA. Per City Council goal, enhancement efforts have included the placement of additional nodes in low income areas and consideration of plans to increase throughput.

Department/Contact: Electric/Larry Owens

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 450,000	\$ —	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 100,000	\$ 1,100,000
Total	\$ 450,000	\$ —	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 100,000	\$ 1,100,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 60,000	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 135,000
80300 - Construction	265,000	—	40,000	65,000	65,000	65,000	40,000	540,000
80500 - Equipment	125,000	—	45,000	70,000	70,000	70,000	45,000	425,000
Subtotal	\$ 450,000	\$ —	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 100,000	\$ 1,100,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 450,000	\$ —	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 100,000	\$ 1,100,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2407 Bucks Creek Relicensing
Project Type: Distinct
Program: 1356
Theme: Santa Clara Utilities
Location: Feather River in Plumas County
Description: Relicensing of Grizzly power plant.
Justification: This cost is to pay for the relicensing of 20 MW Grizzly hydroelectric facility. Annual energy generation of the Grizzly project is estimated at 57.3 GWh in an average water year.
Duration: Q2 2014 to Q2 2019
Status: The process started in FY 2013-14 and is expected to end in FY 2018-19.
Department/Contact: Electric/Ken Kohtz

Estimated Expenditures through 2016-17	\$ 3,848,671
Estimated Carryforward into 2017-18	\$ 579,326
Total Available Appropriations	\$ 1,214,326

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 4,427,997	\$ 635,000	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ 5,662,997
Total	\$ 4,427,997	\$ 635,000	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ 5,662,997
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 4,224,016	\$ 635,000	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ 5,459,016
80300 - Construction	153,451	—	—	—	—	—	—	153,451
87010 - Salary And Wages - Regular	50,530	—	—	—	—	—	—	50,530
Subtotal	\$ 4,427,997	\$ 635,000	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ 5,662,997
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 4,427,997	\$ 635,000	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ 5,662,997
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2408 **Electric Planning and Strategic Services Building and Grounds**

Project Type: Distinct

Program: 1356

Theme: Santa Clara Utilities

Location: 881 Martin Avenue

Estimated Expenditures through 2016-17	\$	124,936
Estimated Carryforward into 2017-18	\$	20,064
Total Available Appropriations	\$	50,064

Description: Improvements at the adjunct Electric Building housing the backup control center and real-time desks and resources and customer services, e.g. tenant improvements, rewiring, energy efficiency measures, security measures and structural needs.

Justification: This is a work order account to fund the capital improvements and ensure building code compliance at the adjunct Electric Utility Building.

Duration: Q1 2014 to Q4 2022

Status: Coordinate and manage space overflow until construction of new Utility Center. Added additional offices and cubicles to house Electric staff in 2016 and 2017. Improved training room space for benefit of department and City staff.

Department/Contact: Electric/Ann Hatcher

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 145,000	\$ 30,000	\$ 26,000	\$ 26,000	\$ 25,000	\$ 6,000	\$ —	\$ 258,000
Total	\$ 145,000	\$ 30,000	\$ 26,000	\$ 26,000	\$ 25,000	\$ 6,000	\$ —	\$ 258,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
80300 - Construction	125,000	30,000	26,000	26,000	25,000	6,000	—	238,000
Subtotal	\$ 145,000	\$ 30,000	\$ 26,000	\$ 26,000	\$ 25,000	\$ 6,000	\$ —	\$ 258,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 145,000	\$ 30,000	\$ 26,000	\$ 26,000	\$ 25,000	\$ 6,000	\$ —	\$ 258,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2409 **Substation Protective Relay**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Various

Estimated Expenditures through 2016-17	\$	487,793
Estimated Carryforward into 2017-18	\$	212,207
Total Available Appropriations	\$	662,207

Description: Design and construct upgrades to the protective relays for the transmission, substation and distribution systems. This project will replace obsolete and outdated relays with current state of the art relays which are compatible with new protection systems being installed as part of substation upgrades.

Justification: Relays become compatible with new protection systems being installed as part of substation upgrades.

Duration: Q1 2014 to Q4 2023

Status: Design is in progress.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 700,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 3,400,000
Total	\$ 700,000	\$ 450,000	\$ 3,400,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	700,000	450,000	450,000	450,000	450,000	450,000	450,000	3,400,000
Subtotal	\$ 700,000	\$ 450,000	\$ 3,400,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 700,000	\$ 450,000	\$ 3,400,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2410 **Replace NRS 115/60kV Transformers**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Northern Receiving Station
Description: Replace/upgrade Transformer B and Transformer C at Northern Receiving Station.
Justification: Interim repairs were made in October 2015. Work has been delayed for one year.
Duration: Q1 2014 to Q4 2020
Status: Design is scheduled to begin in September 2017.
Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	614,609
Estimated Carryforward into 2017-18	\$	40,582
Total Available Appropriations	\$	9,090,582

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 655,191	\$ 9,050,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 9,705,191
Total	\$ 655,191	\$ 9,050,000	\$ —	\$ 9,705,191				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 550,000	\$ 550,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,100,000
80300 - Construction	100,000	2,000,000	—	—	—	—	—	2,100,000
80500 - Equipment	5,191	6,500,000	—	—	—	—	—	6,505,191
Subtotal	\$ 655,191	\$ 9,050,000	\$ —	\$ 9,705,191				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 655,191	\$ 9,050,000	\$ —	\$ 9,705,191				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2411 **Control Center Transmission Outage Application Suite (TOA)**

Project Type: Distinct

Program: 1362

Theme: Santa Clara Utilities

Location: Electric Service Center

Estimated Expenditures through 2016-17	\$	215,211
Estimated Carryforward into 2017-18	\$	159,789
Total Available Appropriations	\$	159,789

Description: Set-up and configure TOA as per SVP requirements. Suite includes outage and work request submission, processing and tracking; switching order process; searchable operator logs; detailed audit trail for tracking changes to data and record evidence; compliance with NERC documentation requirements; interface with CAISO and WECC.

Justification: This vendor supported system will replace the "home grown" outage, switching and operator log systems currently in place. These new systems will incorporate a searchable database architecture and provide an upgrade path as regulatory changes are made. This will help SVP maintain a high degree of NERC compliancy in these areas.

Duration: Q4 2014 to Q4 2018

Status: Project is in progress and is expected to be completed in Q4 2017.

Department/Contact: Electric/Jeff Ipsaro

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 375,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 375,000
Total	\$ 375,000	\$ —	\$ 375,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 375,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 375,000
Subtotal	\$ 375,000	\$ —	\$ 375,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 375,000	\$ —	\$ 375,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2413 **Distributed Antenna System Development**
Project Type: Distinct
Program: 1317
Theme: Santa Clara Utilities
Location: Various

Estimated Expenditures through 2016-17	\$ 729,523
Estimated Carryforward into 2017-18	\$ 1,589,196
Total Available Appropriations	\$ 1,589,196

Description: The outdoor DAS (oDAS) business model was designed and implemented using a turn-key contractor and supported by City's assets, including dark fiber, and utility street light pole infrastructure and a City-owned hub sited to house wireless equipment. Under this model, the City acts as a infrastructure landlord and uses a Wireless Service Provider (WSP) service agreement to lease space at the hub and on street light poles. The ODAS project has one WSP Customer under lease and is successfully delivering services as well as providing an on-going annual revenue stream to the City.

Justification: The oDAS project allows for further expansion of enhanced cellular service throughout Santa Clara, especially in congested areas.

Duration: Q4 2014 to Q4 2021

Status: In 2015, City used an ODAS turn-key contractor to design and complete a hub site and 15 ODAS-ready street light poles, supported by City-owned assets. By January 2016, the completed ODAS wireless platform allowed the City to successfully support its first Wireless Service Provider (WSP), and to expand the business to additional WSP participants.

Department/Contact: Electric/Deborah Barry

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 2,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,000,000
59945 - Intra Trs In - Cust Srvc Chrg	318,719	—	—	—	—	—	—	318,719
Total	\$ 2,318,719	\$ —	\$ 2,318,719					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 2,250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,250,000
87010 - Salary And Wages - Regular	68,719	—	—	—	—	—	—	68,719
Subtotal	\$ 2,318,719	\$ —	\$ 2,318,719					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,318,719	\$ —	\$ 2,318,719					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2415 SCADA EMS
Project Type: Distinct
Program: 1362
Theme: Santa Clara Utilities
Location: Electric Utility Primary and Backup Control Centers

Estimated Expenditures through 2016-17	\$	206,750
Estimated Carryforward into 2017-18	\$	268,250
Total Available Appropriations	\$	268,250

Description: Add Energy Management System (EMS) capabilities to the existing Supervisory Control and Data Acquisition (SCADA) system. The additional capabilities to include: State Estimation, Security Analysis (Contingency Analysis), and Dispatcher Power Flow.

Justification: These analytical tools run in real-time to help ensure that System Operators have good situational awareness of SVP's Bulk Electric and 60kv sub-transmission systems. The addition of these tools will help SVP meet it's obligations under NERC Reliability Standards as SVP is a registered Transmission Owner and Operator.

Duration: Q1 2016 to Q4 2018

Status: This project is in contract negotiations.

Department/Contact: Electric/Jeff Ipsaro

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Total	\$ 475,000	\$ —	\$ 475,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Subtotal	\$ 475,000	\$ —	\$ 475,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 475,000	\$ —	\$ 475,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2416 Black Butte Afterbay Erosion Remediation

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Black Butte Reservoir-Orland California

Description: Engineering, Design, and Construction of approximately 470 feet of shoreline bank erosion repair and restoration.

Justification: Response to US Army Corps of Engineers and FERC requirements for Black Butte Hydro Generation Project. Increased budget request based on RFP for design work. Construction is estimated based on potential work required. Actual unknown until design finalized. Increased request due to the unknown mitigation requirements from federal and state regulators (e.g. Corps of Engineers, State Fish and Game, EPA, etc.)

Duration: Q1 2015 to Q4 2020

Status: Detailed design pending approval of Army Corps of Engineers.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$ 546,313
Estimated Carryforward into 2017-18	\$ 1,956,459
Total Available Appropriations	\$ 2,156,459

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 2,502,772	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,702,772
Total	\$ 2,502,772	\$ 200,000	\$ —	\$ 2,702,772				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 125,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 225,000
80300 - Construction	2,350,000	100,000	—	—	—	—	—	2,450,000
87010 - Salary And Wages - Regular	27,772	—	—	—	—	—	—	27,772
Subtotal	\$ 2,502,772	\$ 200,000	\$ —	\$ 2,702,772				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,502,772	\$ 200,000	\$ —	\$ 2,702,772				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2417 **Outage Management & Communications Program**
Project Type: Distinct
Program: 1313
Theme: Santa Clara Utilities
Location: Utility Service Centers

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	300,000
Total Available Appropriations	\$	300,000

Description: Implement an outage communication system that accepts and interprets inputs from multiple sources and communicates power outage information to SVP staff, customers and other stakeholders

Justification: Electricity has become critically essential to modern society; residents and businesses face great hardships when the power goes out. As such, power reliability is our customer's top service priority. Automated detection and reporting systems enable faster response and more effective communications during these crisis events.

Duration: Q1 2015 to Q4 2020

Status: New Project waiting on completion of GIS tasks.

Department/Contact: Electric/Larry Owens

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Total	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
80300 - Construction	175,000	—	300,000	—	—	—	—	475,000
80500 - Equipment	50,000	—	—	—	—	—	—	50,000
Subtotal	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2418 Esperanca Substation

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Northern Receiving Station

Description: Construct 2 bank substation with 14 distribution feeders at NRS.

Justification: Add capacity in the North Santa Clara area to meet projected growth associated with City Place development and other planned developments in the area.

Duration: Q1 2015 to Q4 2022

Status: Pending service agreement with developer. Project deferred due to litigation.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	750,000
Total Available Appropriations	\$	750,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 750,000	\$ —	\$ —	\$ 10,150,000	\$ 100,000	\$ —	\$ —	\$ 11,000,000
59945 - Intra Trs In - Cust Srvc Chrg	—	—	—	—	9,000,000	—	—	9,000,000
Total	\$ 750,000	\$ —	\$ —	\$ 10,150,000	\$ 9,100,000	\$ —	\$ —	\$ 20,000,000

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 750,000	\$ —	\$ —	\$ 150,000	\$ 100,000	\$ —	\$ —	\$ 1,000,000
80300 - Construction	—	—	—	5,000,000	5,000,000	—	—	10,000,000
80500 - Equipment	—	—	—	5,000,000	4,000,000	—	—	9,000,000
Subtotal	\$ 750,000	\$ —	\$ —	\$ 10,150,000	\$ 9,100,000	\$ —	\$ —	\$ 20,000,000

Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 750,000	\$ —	\$ —	\$ 10,150,000	\$ 9,100,000	\$ —	\$ —	\$ 20,000,000

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2419 **Brokaw Substation Expansion**

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Brokaw Substation Expansion

Description: Expand Brokaw Substation by adding feeders 101B and 102B and Bank 3 and five additional distribution feeders.

Justification: Additional capacity at Brokaw Substation is required to meet new load demands in the area. Phase 1 is complete. Phase 2 is planned to start in FY 2017-18 with Engineering and then construction in FY 2018-19. Phase 2 is anticipated to cost about \$7.5M (Engineering \$500K).

Duration: Q1 2014 to Q4 2020

Status: Phase 1 is substantially completed.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	324,271
Estimated Carryforward into 2017-18	\$	224,369
Total Available Appropriations	\$	224,369

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 548,640	\$ —	\$ 7,700,000	\$ —	\$ —	\$ —	\$ —	\$ 8,248,640
Total	\$ 548,640	\$ —	\$ 7,700,000	\$ —	\$ —	\$ —	\$ —	\$ 8,248,640
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 50,000	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 550,000
80300 - Construction	450,000	—	7,000,000	—	—	—	—	7,450,000
80500 - Equipment	—	—	200,000	—	—	—	—	200,000
87010 - Salary And Wages - Regular	48,640	—	—	—	—	—	—	48,640
Subtotal	\$ 548,640	\$ —	\$ 7,700,000	\$ —	\$ —	\$ —	\$ —	\$ 8,248,640
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 548,640	\$ —	\$ 7,700,000	\$ —	\$ —	\$ —	\$ —	\$ 8,248,640
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2420 Overhead Infrastructure Replacement

Project Type: Ongoing

Program: 1361

Theme: Santa Clara Utilities

Location: Various in City

Description: Overhead infrastructure replacement and rehabilitation and betterments. Replacing aging distribution systems.

Justification: Distribution power poles in residential areas in need of betterments and/or replacements. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q1 2016 to Ongoing

Status: Annual replacement of aging distribution systems.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$ 11,634
Estimated Carryforward into 2017-18	\$ 989,972
Total Available Appropriations	\$ 1,989,972

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 1,001,606	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,001,606
Total	\$ 1,001,606	\$ 1,000,000	\$ 7,001,606					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000
80300 - Construction	900,000	900,000	900,000	900,000	900,000	900,000	900,000	6,300,000
87010 - Salary And Wages - Regular	1,606	—	—	—	—	—	—	1,606
Subtotal	\$ 1,001,606	\$ 1,000,000	\$ 7,001,606					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,001,606	\$ 1,000,000	\$ 7,001,606					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2421 **Relocation of Electric Crossings for CALTrain**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Various Locations

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	500,000
Total Available Appropriations	\$	2,750,000

Description: Reconstruct overhead 12kV Electric distribution utility crossings of Caltrain tracks to clear proposed electric train structures.

Justification: CalTrain is installing electrification facilities for rail in its right of way. Proposed facilities will conflict with 8 existing SVP 12kV crossings of Caltrain right of way. Caltrain is requesting that these facilities be reconstructed to be clear of their new facilities in their right of way. Initial schedule completion date is January 31, 2018. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2016 to Q1 2018

Status: Initial engineering investigation of impact.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 500,000	\$ 2,250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,750,000
Total	\$ 500,000	\$ 2,250,000	\$ —	\$ 2,750,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 500,000	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 700,000
80300 - Construction	—	2,050,000	—	—	—	—	—	2,050,000
Subtotal	\$ 500,000	\$ 2,250,000	\$ —	\$ 2,750,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 500,000	\$ 2,250,000	\$ —	\$ 2,750,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2422 **Northwestern Substation Expansion**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: 2685 Condensa Way
Description: Substation Expansion construction.
Justification: Customer load increase.
Duration: Q2 2017 to Q1 2019
Status: Construction scheduled to begin in April 2017.
Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$ 162,266
Estimated Carryforward into 2017-18	\$ 2,179,416
Total Available Appropriations	\$ 2,179,416

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvs Chrg	\$ 2,341,682	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,341,682
Total	\$ 2,341,682	\$ —	\$ 2,341,682					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 2,300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,300,000
87010 - Salary And Wages - Regular	41,682	—	—	—	—	—	—	41,682
Total	\$ 2,341,682	\$ —	\$ 2,341,682					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,341,682	\$ —	\$ 2,341,682					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2423 **Utility Billing CIS Replacement**
Project Type: Distinct
Program: 3332
Theme: Santa Clara Utilities
Location: 1500 Warburton Ave. - City Hall

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	500,000

Description: Implementation and conversion to a new Utility Management Information System providing residential, large commercial, and industrial customers enhanced customer services such as consumption information, summary billing, advanced and net metering offerings, online self-service tools, etc.

Justification: To provide competitive services to Santa Clara Utility customers, continued business functionality, strategic business reporting tools and integrated decision support systems. This will meet Council's goal of delivering and enhancing high-quality efficient services and infrastructure.

Duration: Q1 2018 to Q4 2021

Status: The project is in the initiation phase which includes requirements gathering, fit-gap analysis, business process documentation, and RFP preparation.

Department/Contact: Finance/Michelle Eglesia

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59907 - Trs In - Solid Waste	\$ —	\$ 21,500	\$ 129,000	\$ 182,750	\$ 182,750	\$ —	\$ —	\$ 516,000
59908 - Trs In - Storm Drain	—	1,000	6,000	8,500	8,500	—	—	24,000
59909 - Trs In - Sewer	—	46,000	276,000	391,000	391,000	—	—	1,104,000
59911 - Trs In - Water	—	39,500	237,000	335,750	335,750	—	—	948,000
59912 - Trs In - Electric	—	392,000	2,352,000	3,332,000	3,332,000	—	—	9,408,000
Total	\$ —	\$ 500,000	\$ 3,000,000	\$ 4,250,000	\$ 4,250,000	\$ —	\$ —	\$ 12,000,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 380,000	\$ 2,300,000	\$ 3,260,000	\$ 3,260,000	\$ —	\$ —	\$ 9,200,000
80400 - Contingencies/Misc	—	100,000	600,000	850,000	850,000	—	—	2,400,000
80500 - Equipment	—	20,000	100,000	140,000	140,000	—	—	400,000
Subtotal	\$ —	\$ 500,000	\$ 3,000,000	\$ 4,250,000	\$ 4,250,000	\$ —	\$ —	\$ 12,000,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 500,000	\$ 3,000,000	\$ 4,250,000	\$ 4,250,000	\$ —	\$ —	\$ 12,000,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2424 **Substation Physical Security Improvements**
Project Type: Distinct
Program: 1361
Theme: Santa Clara Utilities
Location: Various throughout the City
Description: To improve 115kV substation physical security to comply with regulatory requirements.
Justification: To comply with new NERC regulatory requirements.
Duration: Q1 2018 to Q4 2021
Status: Initial planning in process.
Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	250,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 250,000	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,250,000
Total	\$ —	\$ 250,000	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,250,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
80300 - Construction	—	—	500,000	500,000	—	—	—	1,000,000
Subtotal	\$ —	\$ 250,000	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,250,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 250,000	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,250,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2425 **DVR Gas Turbine Control System Upgrade**

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: DVR Control Systems for Units 1 and 2

Description: Replace and upgrade gas turbine controls to supported version.

Justification: DVR gas turbine control systems (Mark VI) will no longer be supported by the mfr after 2019. Starting to have failures of current system due to age. Need to upgrade the controls systems to the current version (Mark Vie) to maintain high unit availability and reliability.

Duration: Q1 2018 to Q4 2019

Status: Continue to maintain control systems using available parts, evaluating options from GE, Ehtos, Emmerson.

Department/Contact: Electric/Chet Manchester

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Total	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Subtotal	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2426 **DVR SCR and CO Catalyst Replacement**
Project Type: Distinct
Program: 1377
Theme: Santa Clara Utilities
Location: DVR Power Plant

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	500,000

Description: The SCR and CO catalyst for both HRSGs require replacement.

Justification: The SCR and CO catalyst for both HRSG trains are nearing their end of life and require replacement so we can maintain our emissions within the permitted limits. April 2016 core samples indicated that we have ~3 years of life remaining. We will take additional core samples in 2017 to ensure that the exhaustion rate is holding constant.

Duration: Q1 2018 to Q4 2019

Status: Evaluating the effective life remaining. Getting budgetary numbers from mfg for replacement.

Department/Contact: Electric/Chet Manchester

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Total	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Subtotal	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 500,000	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2427 Mitsubishi Steam Turbine Major Overhaul

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: DVR Power Plant

Description: The STG requires a mjaor overhaul.

Justification: The STG is due for its major overhaul maintenance and inspection.

Duration: Q1 2018 to Q4 2019

Status: The STG major overhaul and inspection is due but has been defered in the past based on STG inspections.

Department/Contact: Electric/Chet Manchester

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	2,500,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 2,500,000	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ 5,000,000
Total	\$ —	\$ 2,500,000	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ 5,000,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 2,500,000	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ 5,000,000
Subtotal	\$ —	\$ 2,500,000	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ 5,000,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 2,500,000	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ 5,000,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2428 Cogen Gas Turbine 25ppm Nox Reduction

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: Cogen Gas Turbine (GT) Unit1 and Unit2

Description: Bay Area Air Quality Management District (BAAQMD) is considering a change to the Cogen permit reducing Nox emissions from 42ppm to 25ppm

Justification: BAAQMD wants the emissions from the Cogen GTs to reduce to less than 25ppm Nox from the current permitted levels of 42ppm. Study to determine the most cost effective upgrade technology to reduce emission levels below 25ppm.

Duration: Q1 2018 to Q4 2019

Status: Exploring potential vendors and technologies to reduce Cogen GT emissions below 25ppm

Department/Contact: Electric/Chet Manchester

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	200,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Total	\$ —	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Subtotal	\$ —	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2429 Storm Water Compliance
Project Type: Distinct
Program: 1378
Theme: Santa Clara Utilities
Location: 1705 Marin Avenue

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	400,000

Description: To erect a cover over our treated wood pole storage area for storm water protection and to erect a permanent structure to cover the metal recycling and scrap bins

Justification: To comply with storm water regulations to prevent contaminating rain water run off.

Duration: Q1 2018 to Q2 2018

Status: In FY 2017-18 construction will occur and project will be completed in 1 year.

Department/Contact: Electric/Damon Beck

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Total	\$ —	\$ 400,000	\$ —	\$ 400,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Subtotal	\$ —	\$ 400,000	\$ —	\$ 400,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 400,000	\$ —	\$ 400,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 591-001	Homestead Substation Rebuild				
First Year Funding Requested:	2017	Status:	Future			
Description:	Replace existing 60kV bus work and breakers; replace old metal clad switchgear with new 12kV switchgear. Refurbish existing transformers.					
Justification:	Existing switchgear is 45 years old and obsolete. Spare parts for the switchgear are no longer available and have to be custom built. Switchgear operation is not in compliance with best utility practice for worker safety.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ 500,000	\$ 14,500,000	\$ —	\$ —	\$ 15,000,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Project Name:	Future 591-002	Substation Control Betterments				
First Year Funding Requested:	2017	Status:	Future			
Description:	Design and construct the replacement of various substation capital assets that have reached the end of their useful life and reduce the risk of "in-service" equipment failure.					
Justification:	Several SVP distribution substations have control systems that are getting more difficult to maintain due to availability of parts. In addition, remote access to the legacy control systems are more difficult for SCADA software suppliers to support. Failure in one of these control systems could result in an outage affecting several thousand customers.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 50,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ —	\$ 1,550,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Project Name:	Future 591-003	Reconfigure South Transmission Loop				
First Year Funding Requested:	2017	Status:	Future			
Description:	Reconfigure 60kV loops serving the eastern and southern portions of Santa Clara.					
Justification:	Relieve projected overloads on the South Loop. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure. Project is being moved forward one year due to new customer development in the area.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 3,000,000	\$ 5,000,000	\$ 1,000,000	\$ —	\$ —	\$ 9,000,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

PROJECTS CLOSING IN 2017-18

Project ID/Name: 2414 Electric Vehicle Charging Center

Status: Closed.

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
55590 - Property From Other Agencies	\$ 405,804 \$	302,881 \$	102,923

Fund 592

Water Utility



Projects related to the construction and upkeep of the water system including, water mains, hydrants, wells and pumps, storage tanks, and asset management system.

Financing Sources:

- Customer Service Charges
- Developer Contributions

FUND 592 - WATER UTILITY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Intra Trs In - Cust Srvc Chrg	59945 \$ 20,535,160	\$ 5,557,500	\$ 4,960,000	\$ 4,010,000	\$ 4,305,000	\$ 4,350,000	\$ 3,925,000	\$ 47,642,660
Subtotal	\$ 20,535,160	\$ 5,557,500	\$ 4,960,000	\$ 4,010,000	\$ 4,305,000	\$ 4,350,000	\$ 3,925,000	\$ 47,642,660
Other Revenues								
Developer Contributions	59000 \$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Subtotal	\$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Total Financing Sources	\$ 20,535,160	\$ 6,017,500	\$ 5,440,000	\$ 4,510,000	\$ 4,825,000	\$ 4,890,000	\$ 4,485,000	\$ 50,702,660

* Amount represents cumulative appropriations since project inception.

FUND 592 - WATER UTILITY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 1,747,870	\$ 967,500	\$ 1,215,000	\$ 930,000	\$ 250,000	\$ 450,000	\$ 926,250	\$ 6,486,620
Construction	80300 16,799,962	5,050,000	4,225,000	3,580,000	4,575,000	4,440,000	3,558,750	42,228,712
Contingency	80400 35,865	—	—	—	—	—	—	35,865
Equipment	80500 4,546	—	—	—	—	—	—	4,546
Salary And Wages	87010 1,946,917	—	—	—	—	—	—	1,946,917
Subtotal Appropriations	\$ 20,535,160	\$ 6,017,500	\$ 5,440,000	\$ 4,510,000	\$ 4,825,000	\$ 4,890,000	\$ 4,485,000	\$ 50,702,660
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 20,535,160	\$ 6,017,500	\$ 5,440,000	\$ 4,510,000	\$ 4,825,000	\$ 4,890,000	\$ 4,485,000	\$ 50,702,660
Operating Impact		\$ 50,000	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (2,500)	\$ 27,500

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 592 - WATER UTILITY

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	7005	Buildings and Grounds	\$ 305,000	\$ 431	\$ 304,569	\$ 110,000	\$ 414,569
Work Order	7006	Services and Development Improvements	—	—	—	460,000	460,000
Ongoing	7054	Distribution System Replacement/Restoration	17,358,286	14,072,388	3,285,898	2,417,500	5,703,398
Distinct	7056	Office Rehabilitation	536,874	421,424	115,450	50,000	165,450
Distinct	7057	Asset Management Program	350,000	15,500	334,500	400,000	734,500
Ongoing	7058	SCADA Improvements	325,000	2,081	322,919	900,000	1,222,919
Ongoing	7059	New and Replacement Wells	1,300,000	—	1,300,000	700,000	2,000,000
Ongoing	7060	Tank Rehabilitation	360,000	—	360,000	580,000	940,000
Distinct	7061	Implementation of Advanced Metering Infrastructure (AMI)	—	—	—	100,000	100,000
Distinct	7062	Water Fiber Optic Network Work Orders for SVP	—	—	—	200,000	200,000
Ongoing	7063	Water Transmission Mains Assessment	—	—	—	100,000	100,000
Total			\$ 20,535,160	\$ 14,511,825	\$ 6,023,335	\$ 6,017,500	\$ 12,040,835

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 592 - WATER UTILITY

Project ID/Name: 7005 **Buildings and Grounds**

Project Type: Ongoing

Program: 1423

Theme: Santa Clara Utilities

Location: Citywide

Description: Improvements at Utility Center and well/pump stations, (e.g., re-roofing, fencing, paving, landscape maintenance, and raw material bin covers at the Yard).

Justification: Maintenance and improvements of the building and grounds of the Utility Center is necessary for efficiency, appearance, and safety of Water Utility facilities.

Duration: Q1 2017 to Ongoing

Status: Ongoing. In addition to other smaller projects, in FY 2016-17 the Utility Center will be repaved and restriped to provide for the more efficient use of the yard.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$ 431
Estimated Carryforward into 2017-18	\$ 304,569
Total Available Appropriations	\$ 414,569

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 305,000	\$ 110,000	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 530,000
Total	\$ 305,000	\$ 110,000	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 530,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 305,000	\$ 110,000	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 530,000
Subtotal	\$ 305,000	\$ 110,000	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 530,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 305,000	\$ 110,000	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ 530,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7006 **Services and Development Improvements**

Project Type: Work Order

Program: 1423

Theme: Santa Clara Utilities

Location: Various, Citywide.

Description: Install water mains, hydrants and services in new developments.

Justification: Construction of water services to new developments is required to provide service to the new facilities. The new services, hydrants, and water services necessary to serve new developments are paid for through development fees.

Duration: Q1 2018 to Q4 2018

Status: Ongoing. Water mains and services are designed and constructed as developments occur. The number and types of projects vary from year to year.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	460,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Total	\$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Subtotal	\$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 460,000	\$ 480,000	\$ 500,000	\$ 520,000	\$ 540,000	\$ 560,000	\$ 3,060,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7054 **Distribution System Replacement/Restoration**

Project Type: Ongoing

Program: 1423

Theme: Santa Clara Utilities

Location: Various, Citywide

Estimated Expenditures through 2016-17	\$ 14,072,388
Estimated Carryforward into 2017-18	\$ 3,285,898
Total Available Appropriations	\$ 5,703,398

Description: Construct, replace, rehabilitate or relocate water mains, backflow preventers, hydrants, meters and related appurtenances, etc., not funded by developer contribution.

Justification: To provide for replacement, relocation, or rehabilitation of obsolete distribution mains and facilities including appurtenances necessary to insure a dependable water supply.

Duration: Q1 2010 to Ongoing

Status: FY2016-17: replaced broken water main on Scott Blvd. between El Camino and Clay Street; in process to design and replace approximately 5000 LF of water mains in the Moraga Street, Kiely Boulevard, and El Camino vicinity; replaced mains on Alpine Ave, Butte, Pacheco, and Fresno streets. For FY 2017-18: working on design to install/replace approximately 2000 LF of water main on Norman Avenue from Lafayette Street to Bassett Street, will replace approximately 1500 LF of water main on Shafer Drive.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 17,358,286	\$ 2,417,500	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Total	\$ 17,358,286	\$ 2,417,500	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 822,870	\$ 242,500	\$ 590,000	\$ 330,000	\$ —	\$ 300,000	\$ 326,250	\$ 2,611,620
80300 - Construction	14,574,962	2,175,000	1,900,000	1,300,000	1,875,000	1,700,000	1,848,750	25,373,712
80400 - Contingencies/ Misc	20,865	—	—	—	—	—	—	20,865
80500 - Equipment	4,546	—	—	—	—	—	—	4,546
87010 - Salary And Wages - Regular	1,935,043	—	—	—	—	—	—	1,935,043
Subtotal	\$ 17,358,286	\$ 2,417,500	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 17,358,286	\$ 2,417,500	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7056 Office Rehabilitation
Project Type: Distinct
Program: 1423
Theme: Santa Clara Utilities
Location: City Hall and Utility Center

Estimated Expenditures through 2016-17	\$	421,424
Estimated Carryforward into 2017-18	\$	115,450
Total Available Appropriations	\$	165,450

Description: Rehabilitate office space for Water Utility staff use and provide office space at Utility Center. Provide two new office trailers at the Utility Center for the Water Departments Compliance Division and Utility Center Staff to create a more efficient work space.

Justification: To facilitate improved customer service and create a more efficient work space for Water Utility staff.

Duration: Q1 2014 to Q4 2019

Status: Director's office remodel completed. Design received from contractor to improve efficiency and storage. Lobby will be remodeled to increase work surface and storage. Will continue to rehabilitate City Hall office space as needed to accommodate staffing needs.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 536,874	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Total	\$ 536,874	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 510,000	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	610,000
80400 - Contingencies/ Misc	15,000	—	—	—	—	—	—	15,000
87010 - Salary And Wages - Regular	11,874	—	—	—	—	—	—	11,874
Subtotal	\$ 536,874	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 536,874	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 592 - WATER UTILITY

Project ID/Name: 7057 **Asset Management Program**

Project Type: Distinct

Program: 1423

Theme: Santa Clara Utilities

Location: Citywide

Estimated Expenditures through 2016-17	\$ 15,500
Estimated Carryforward into 2017-18	\$ 334,500
Total Available Appropriations	\$ 734,500

Description: Implement a comprehensive Asset Management Program for the City's Water Utility which includes risk assessments, reliability assessments, hydraulic modeling, rate study, and work order management of the water system.

Justification: The efficient management of the service life of the Water Utility assets using risk management and priority ranking system.

Duration: Q3 2015 to Q4 2021

Status: A Request For Proposals was issued in FY 2016-17 to Environmental Systems to conduct a study to serve as a baseline for the Water and Sewer Utilities Asset Management Program.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 350,000	\$ 400,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,150,000
Total	\$ 350,000	\$ 400,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,150,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 350,000	\$ 400,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,150,000
Subtotal	\$ 350,000	\$ 400,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,150,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 350,000	\$ 400,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 1,150,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7058 **SCADA Improvements**
Project Type: Ongoing
Program: 1423
Theme: Santa Clara Utilities
Location: Citywide

Estimated Expenditures through 2016-17	\$ 2,081
Estimated Carryforward into 2017-18	\$ 322,919
Total Available Appropriations	\$ 1,222,919

Description: Improve and upgrade the existing Supervisory Control and Data Acquisition (SCADA) system including Phase II, III, and IV improvements for the water utility.

Justification: Ensure the continued effective control and operation of the City water utility distribution system.

Duration: Q3 2015 to Ongoing

Status: SCADA replacement Phase I is currently under construction. Phases II, III, and IV improvements will be designed and constructed once Phase I is complete and operational.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 325,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,450,000
Total	\$ 325,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,450,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 175,000	\$ 125,000	\$ 125,000	\$ 200,000	\$ —	\$ —	\$ 500,000	\$ 1,125,000
80300 - Construction	150,000	775,000	200,000	200,000	500,000	500,000	—	2,325,000
Subtotal	\$ 325,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,450,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 325,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,450,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7059 **New and Replacement Wells**

Project Type: Ongoing

Program: 1423

Theme: Santa Clara Utilities

Location: Citywide

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	1,300,000
Total Available Appropriations	\$	2,000,000

Description: Construct new and replacement groundwater wells for the City's water distribution system, including engineering, site improvements and construction associated with groundwater wells.

Justification: Replacement of groundwater wells that are no longer serviceable and construct new wells needed to meet operational demands.

Duration: Q3 2015 to Ongoing

Status: A Request For Proposals is being prepared for the design of two new wells. The design of the two wells is expected to be completed in FY 2017-18.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 1,300,000	\$ 700,000	\$ 800,000	\$ 950,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Total	\$ 1,300,000	\$ 700,000	\$ 800,000	\$ 950,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 400,000	\$ 100,000	\$ 250,000	\$ 250,000	\$ 100,000	\$ 100,000	\$ 50,000	\$ 1,250,000
80300 - Construction	900,000	600,000	550,000	700,000	1,000,000	1,000,000	450,000	5,200,000
Subtotal	\$ 1,300,000	\$ 700,000	\$ 800,000	\$ 950,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,300,000	\$ 700,000	\$ 800,000	\$ 950,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Operating Impact		\$ —	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (2,500)	\$ (22,500)

FUND 592 - WATER UTILITY

Project ID/Name: 7060 Tank Rehabilitation
Project Type: Ongoing
Program: 1423
Theme: Santa Clara Utilities
Location: Citywide

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	360,000
Total Available Appropriations	\$	940,000

Description: Construct, rehabilitate, design and inspect City water tanks, including site improvements, electrical systems, motor control centers, booster pumps, emergency generators and piping to improve safety, reliability and water quality.

Justification: To provide improved water system reliability and compliance with safety and water quality regulations.

Duration: Q3 2015 to Ongoing

Status: FY2017-18 - Serra Tanks 1, 2, and 3 will be inspected for integrity.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvs Chrg	\$ 360,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 600,000	\$ 600,000	\$ 3,880,000
Total	\$ 360,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 600,000	\$ 600,000	\$ 3,880,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 360,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 600,000	\$ 600,000	\$ 3,880,000
Subtotal	\$ 360,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 600,000	\$ 600,000	\$ 3,880,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 360,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 600,000	\$ 600,000	\$ 3,880,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7061 **Implementation of Advanced Metering Infrastructure (AMI)**

Project Type: Distinct

Program: 1422

Theme: Santa Clara Utilities

Location: Santa Clara residents & businesses.

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Description: Design, install and leverage wireless communication system for City-wide benefit to support real-time, two-way communication to advanced water meters with compatibility to incorporate electric meter readings. Data integration with multiple systems in billing and Water operations for automated billing and usage detection.

Justification: Automating the acquisition of data from customer meters and distribution monitors through a communication network will bring efficiency in the reading of utility meters eliminating manual meter reading errors/estimates and reducing risks to reading staff. Utility customers will benefit from the high quality efficient service and infrastructure satisfying one of the Council's strategic objectives.

Duration: Q1 2017 to Q4 2022

Status: Approximately 27,000 meters in the City. Several thousand meters have been installed. More meter installations planned depending on staffing levels.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvs Chrg	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Total	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Subtotal	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Operating Impact		\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000

FUND 592 - WATER UTILITY

Project ID/Name: 7062 **Water Fiber Optic Network Work Orders for SVP**
Project Type: Distinct
Program: 1424
Theme: Santa Clara Utilities
Location: Various sites
Description: Funding for SVP work orders to provide fiber optic capability for efficient communication support of various sewer utilities sites.
Justification: Without funding, Sewer Utilities would not be able to deliver and enhance high quality services and infrastructure for our customers which is one of the Council objectives.
Duration: Q1 2018 to Q4 2021
Status: Implementation of Phase I for SCADA system.
Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	200,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 200,000	\$ 250,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 650,000
Total	\$ —	\$ 200,000	\$ 250,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 650,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 200,000	\$ 250,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 650,000
Subtotal	\$ —	\$ 200,000	\$ 250,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 650,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 200,000	\$ 250,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 650,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7063 **Water Transmission Mains Assessment**

Project Type: Ongoing

Program: 1424

Theme: Santa Clara Utilities

Location: Throughout the City

Description: Assessment of Water Transmission Mains.

Justification: Water transmission mains are critical as they supply large quantities of water to meet the city of Santa Clara's residential and commercial water supply requirements. These mains will be assessed using ultrasonic technology to evaluate structural integrity for maintenance and repair.

Duration: Q1 2017 to ongoing

Status: New project. RFP will be generated FY2017-18.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000
Total	\$ —	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ —	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000
Subtotal	\$ —	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

PROJECTS CLOSING IN 2017-18

Project ID/Name:	7008 Wells and Pumps			
Status:	Closed.			
Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance	
59945 - Intra Trs In - Cust Srvc Chrg	\$ 670,000 \$	100,144 \$	569,856	

Project ID/Name:	7045 Seismic Retrofit for Storage Tanks			
Status:	Closed.			
Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance	
59945 - Intra Trs In - Cust Srvc Chrg	\$ 4,990,314 \$	4,569,208 \$	421,106	

Project ID/Name:	7052 Solar Pool Heating			
Status:	Closed. Program moved to Operating budget.			
Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance	
56150 - Solar Pool Connection	\$ 294,320 \$	125,928 \$	168,392	
59911 - Trs In - Water	\$ 40,000 \$	40,000 \$	—	
59945 - Intra Trs In - Cust Srvc Chrg	\$ 15,918 \$	15,918 \$	—	

Project ID/Name:	7053 Domestic Hot Water Heating			
Status:	Closed. Program moved to Operating budget.			
Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance	
56050 - Solar Domestic Connection	\$ 225,876 \$	155,243 \$	70,633	
59945 - Intra Trs In - Cust Srvc Chrg	\$ 2,783 \$	2,783 \$	—	

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Fund 597

Recycled Water



Projects related to the installation of recycled water mains, including extensions to existing service and for new developments.



Financing Sources:

- Recycled Water Customer Service Charges

FUND 597 - RECYCLED WATER

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers								
Intra Trs In - Cust Srvc Chrg	59945 \$ 650,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,550,000
Subtotal	\$ 650,000	\$ 150,000	\$ 1,550,000					
Total Financing Sources	\$ 650,000	\$ 150,000	\$ 1,550,000					

* Amount represents cumulative appropriations since project inception.

FUND 597 - RECYCLED WATER

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 850,000
Construction	80300 392,261	50,000	50,000	50,000	50,000	50,000	50,000	692,261
Salary And Wages	87010 7,739	—	—	—	—	—	—	7,739
Subtotal Appropriations	\$ 650,000	\$ 150,000	\$ 1,550,000					
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 650,000	\$ 150,000	\$ 1,550,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 597 - RECYCLED WATER

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	7505	Recycled Water System Mains and Services	\$ 400,000	\$ 400,000	\$ —	\$ 50,000	\$ 50,000
Ongoing	7507	Retrofit of City Parks with Recycled Water	250,000	—	250,000	100,000	350,000
Total			\$ 650,000	\$ 400,000	\$ 250,000	\$ 150,000	\$ 400,000

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 597 - RECYCLED WATER

Project ID/Name: 7505 **Recycled Water System Mains and Services**

Project Type: Ongoing

Program: 1523

Theme: Santa Clara Utilities

Location: Various, Citywide

Description: Install recycled water mains and services.

Justification: Providing recycled water service to new and existing developments provides a drought-proof, lower cost water supply for the development and broadens the City's water supply portfolio.

Duration: Q1 2014 to Ongoing

Status: Recycled water main extensions are designed and constructed as developments occur where it is financially and practically feasible to use recycled water for landscape irrigation or other non potable uses. FY2016-17: Extended approximately 2000 LF of recycled water main on Juliette Lane from Mission College. FY2017-18: Expand recycled water system mains and services as required by developments.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$	400,000
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	50,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 400,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Total	\$ 400,000	\$ 50,000	\$ 700,000					

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 392,261	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 692,261
87010 - Salary And Wages - Regular	7,739	—	—	—	—	—	—	7,739
Subtotal	\$ 400,000	\$ 50,000	\$ 700,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 400,000	\$ 50,000	\$ 700,000					

Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 597 - RECYCLED WATER

Project ID/Name: 7507 **Retrofit of City Parks with Recycled Water**
Project Type: Ongoing
Program: 1523
Theme: Santa Clara Utilities
Location: Various City Parks

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	250,000
Total Available Appropriations	\$	350,000

Description: Design of recycled water main extensions and on site improvements to facilitate the conversion of City Parks from potable water to recycled water where appropriate.

Justification: To provide recycled water service to replace potable water currently used for irrigation and non potable other uses.

Duration: Q1 2016 to Ongoing

Status: FY2016-17: Completed retrofit of Buchser Middle School sport field. FY2017-18: Coordinate with Parks and Recreation to develop a priority list of locations for retrofit.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 850,000
Total	\$ 250,000	\$ 100,000	\$ 850,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 850,000
Subtotal	\$ 250,000	\$ 100,000	\$ 850,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 250,000	\$ 100,000	\$ 850,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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Fund 594

Sewer Utility



Projects related to the construction and upkeep of the sewer system, including sewer mains and the City of Santa Clara/San Jose wastewater treatment facility.



Financing Sources:

- Customer Service Charges
- Connection Charges
- Developer Contributions
- Sanitary Outlet Charge
- Sewer Conveyance Fee

FUND 594 - SEWER UTILITY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services								
Sanitary Outlet Charge	56240 \$ 220,445	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 520,445
Sewer Conveyance Fee	56270 16,326,124	6,000,000	3,000,000	3,000,000	3,000,000	4,110,000	3,000,000	38,436,124
Subtotal	\$ 16,546,569	\$ 6,000,000	\$ 3,056,000	\$ 3,058,000	\$ 3,060,000	\$ 4,172,000	\$ 3,064,000	\$ 38,956,569
Op Transfers								
Intra Trs In - Debt Financing	59942 \$ 12,000,000	\$ —	\$ —	\$ 12,500,000	\$ 15,000,000	\$ —	\$ —	\$ 39,500,000
Intra Trs In - Cust Srvc Chrg	59945 82,193,360	28,383,323	35,217,289	30,313,500	25,610,738	9,829,909	17,380,000	228,928,119
Subtotal	\$ 94,193,360	\$ 28,383,323	\$ 35,217,289	\$ 42,813,500	\$ 40,610,738	\$ 9,829,909	\$ 17,380,000	\$ 268,428,119
Other Revenues								
Connection Charges	56200 \$ 5,455,000	\$ 5,200,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 16,655,000
Developer Contributions	59000 750,000	—	—	—	—	—	—	750,000
Subtotal	\$ 6,205,000	\$ 5,200,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 17,405,000
Total Financing Sources	\$ 116,944,929	\$ 39,583,323	\$ 39,773,289	\$ 47,371,500	\$ 44,670,738	\$ 15,001,909	\$ 21,444,000	\$ 324,789,688

* Amount represents cumulative appropriations since project inception.

FUND 594 - SEWER UTILITY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 7,733,994	\$ 2,115,900	\$ 1,472,350	\$ 1,564,800	\$ 1,382,250	\$ 1,522,700	\$ 1,564,500	\$ 17,356,494
Construction	80300 98,074,209	35,281,523	37,010,589	44,502,900	41,961,238	11,806,509	18,390,000	287,026,968
Contingency	80400 2,441,098	1,407,600	763,900	779,200	784,500	1,022,800	934,000	8,133,098
Equipment	80500 6,479,427	3,000	2,000	2,000	2,000	2,000	2,000	6,492,427
Salary And Wages	87010 2,216,201	775,300	524,450	522,600	540,750	647,900	553,500	5,780,701
Subtotal Appropriations	\$ 116,944,929	\$ 39,583,323	\$ 39,773,289	\$ 47,371,500	\$ 44,670,738	\$ 15,001,909	\$ 21,444,000	\$ 324,789,688
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 116,944,929	\$ 39,583,323	\$ 39,773,289	\$ 47,371,500	\$ 44,670,738	\$ 15,001,909	\$ 21,444,000	\$ 324,789,688
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 594 - SEWER UTILITY

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	1906	Lift Station Equipment Replacement	\$ 1,698,348	\$ 1,305,867	\$ 392,481	\$ 450,000	\$ 842,481
Ongoing	1907	Development Extensions	220,445	—	220,445	—	220,445
Ongoing	1908	S.J.-S.C. Regional Wastewater Facility	65,668,012	60,935,252	4,732,760	26,557,323	31,290,083
Ongoing	1909	Sanitary Sewer Capacity Improvements	16,326,124	8,992,305	7,333,819	6,000,000	13,333,819
Ongoing	1911	Sanitary Sewer System Condition Assessment	2,875,000	2,586,728	288,272	1,500,000	1,788,272
Ongoing	1912	Sanitary Sewer System Improvements	6,103,000	3,256,010	2,846,990	2,306,000	5,152,990
Distinct	1913	Sanitary Sewer Pump Station Improvements	2,569,000	1,896,966	672,034	1,720,000	2,392,034
Distinct	1914	SCADA Replacement	7,625,000	1,021,842	6,603,158	900,000	7,503,158
Distinct	1915	Sewer Utility Asset Management System	1,110,000	112,405	997,595	50,000	1,047,595
Distinct	1916	Walsh Avenue @ San Tomas Aquino Creek Sanitary Sewer Siphon	750,000	—	750,000	—	750,000
Distinct	1917	Trimble Road Trunk Sanitary Sewer	12,000,000	11,128,844	871,156	—	871,156
Distinct	1918	Sewer Fiber Optic Network	—	—	—	100,000	100,000
Total			\$ 116,944,929	\$ 91,236,219	\$ 25,708,710	\$ 39,583,323	\$ 65,292,033

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 594 - SEWER UTILITY

Project ID/Name: 1906 Lift Station Equipment Replacement

Project Type: Ongoing

Program: 1514

Theme: Santa Clara Utilities

Location: At various aging sewer pumping stations.

Description: Replacement of worn pumps, motors, valves, instrumentation, and motor control units.

Justification: Project to be closed at FY2016-17 year end.

Duration: Q1 2007 to Ongoing

Status: Anderson Pacific Engineering Construction, Inc. to complete equipment upgrades by close of FY2016-17.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$ 1,305,867
Estimated Carryforward into 2017-18	\$ 392,481
Total Available Appropriations	\$ 842,481

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 1,698,348	\$ 450,000	\$ 230,000	\$ 235,000	\$ 240,000	\$ 250,000	\$ —	\$ 3,103,348
Total	\$ 1,698,348	\$ 450,000	\$ 230,000	\$ 235,000	\$ 240,000	\$ 250,000	\$ —	\$ 3,103,348
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 215,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 215,000
80300 - Construction	1,426,979	450,000	230,000	235,000	240,000	250,000	—	2,831,979
80400 - Contingencies/ Misc	16,701	—	—	—	—	—	—	16,701
80500 - Equipment	14,409	—	—	—	—	—	—	14,409
87010 - Salary And Wages - Regular	25,259	—	—	—	—	—	—	25,259
Subtotal	\$ 1,698,348	\$ 450,000	\$ 230,000	\$ 235,000	\$ 240,000	\$ 250,000	\$ —	\$ 3,103,348
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,698,348	\$ 450,000	\$ 230,000	\$ 235,000	\$ 240,000	\$ 250,000	\$ —	\$ 3,103,348
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1907 **Development Extensions**

Project Type: Ongoing

Program: 4452

Theme: Public Systems and Facilities

Location: At various locations of new development.

Description: To provide funds to pay developer's credit for constructing public sanitary sewer facilities.

Justification: Payment of credits to developers established under the City's Development Ordinance (Chapter 17.15).

Duration: Q1 2007 to Ongoing

Status: Credits to various developers for constructing sanitary sewer facilities.

Department/Contact: Public Works/Gustavo Gomez

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	220,445
Total Available Appropriations	\$	220,445

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56240 - Sanitary Outlet Charge	\$ 220,445	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 520,445
Total	\$ 220,445	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 520,445
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 220,445	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 520,445
Subtotal	\$ 220,445	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 520,445
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 220,445	\$ —	\$ 56,000	\$ 58,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 520,445
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1908 **S.J.-S.C. Regional Wastewater Facility**
Project Type: Ongoing
Program: 1515
Theme: Santa Clara Utilities
Location: Los Esteros Road, San Jose
Description: Funding of the City of Santa Clara share of the S.J./S.C. Regional Wastewater Facility (RWF) multi-year CIP including water recycling.
Justification: City owns the RWF facility jointly with the City of San Jose. The RWF is undergoing an extensive capital improvement program to rebuild the RWF. This project is ongoing.
Duration: Q1 2008 to Ongoing
Status: Ongoing administration by city of San Jose.
Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$ 60,935,252
Estimated Carryforward into 2017-18	\$ 4,732,760
Total Available Appropriations	\$ 31,290,083

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56200 - Connection Charges	\$ 5,455,000	\$ 5,200,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 16,655,000
59942 - Intra Trs In - Debt Financing	—	—	—	12,500,000	15,000,000	—	—	27,500,000
59945 - Intra Trs In - Cust Srvc Chrg	60,213,012	21,357,323	31,153,289	26,116,500	21,205,738	5,311,909	13,000,000	178,357,771
Total	\$ 65,668,012	\$ 26,557,323	\$ 32,653,289	\$ 40,116,500	\$ 37,205,738	\$ 6,311,909	\$ 14,000,000	\$ 222,512,771
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 65,668,012	\$ 26,557,323	\$ 32,653,289	\$ 40,116,500	\$ 37,205,738	\$ 6,311,909	\$ 14,000,000	\$ 222,512,771
Subtotal	\$ 65,668,012	\$ 26,557,323	\$ 32,653,289	\$ 40,116,500	\$ 37,205,738	\$ 6,311,909	\$ 14,000,000	\$ 222,512,771
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 65,668,012	\$ 26,557,323	\$ 32,653,289	\$ 40,116,500	\$ 37,205,738	\$ 6,311,909	\$ 14,000,000	\$ 222,512,771
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1909 Sanitary Sewer Capacity Improvements

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Description: Design and construction of sanitary sewer mains based on identified capacity deficiencies in the Sanitary Sewer Master Plan.

Justification: Provide sanitary sewer system conveyance capacity and reliable infrastructure.

Duration: Q1 2008 to Ongoing

Status: Ongoing project.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 8,992,305
Estimated Carryforward into 2017-18	\$ 7,333,819
Total Available Appropriations	\$ 13,333,819

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
56270 - Sewer Conveyance Fee	\$ 16,326,124	\$ 6,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Total	\$ 16,326,124	\$ 6,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,119,289	\$ 650,000	\$ 306,000	\$ 308,000	\$ 310,000	\$ 435,000	\$ 335,000	\$ 4,463,289
80300 - Construction	11,106,835	3,750,000	1,925,000	1,925,000	1,915,000	2,570,000	1,760,000	24,951,835
80400 - Contingencies/ Misc	2,125,000	1,120,000	485,000	490,000	485,000	713,000	613,000	6,031,000
87010 - Salary And Wages - Regular	975,000	480,000	284,000	277,000	290,000	392,000	292,000	2,990,000
Subtotal	\$ 16,326,124	\$ 6,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 16,326,124	\$ 6,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1911 **Sanitary Sewer System Condition Assessment**
Project Type: Ongoing
Program: 1514
Theme: Santa Clara Utilities
Location: Citywide

Estimated Expenditures through 2016-17	\$ 2,586,728
Estimated Carryforward into 2017-18	\$ 288,272
Total Available Appropriations	\$ 1,788,272

Description: Condition assessment of the existing sanitary sewer system is conducted through systematic inspection, cataloging of defects, and prioritization of repairs and replacements.

Justification: Condition assessment of the sanitary sewer system is needed to identify specific sewer rehabilitation/replacement projects and estimate long-term sewer rehabilitation/replacement needs to maintain reliable service of the City's 270 miles of sewer pipelines. FY 2016-17: National Plant Services completed the cleaning & assessment of 19 sewer siphons, Pipe & Plant Solutions to clean & assess sanitary sewer mains greater than 12" in diameter within 150 feet of waterways (about 25% complete). FY2017-18: Pipe and Plant will complete project, National Plant Services will clean and assess 4 more sewer siphons, City will engage additional contractor to clean and assess sanitary sewer mains greater than 12" in diameter outside of 150 feet of waterways.

Duration: Q1 2009 to Ongoing

Status: Water and Sewer Department will perform the condition assessments of the 19 sanitary sewer siphon assemblies and approximately 41,000 linear feet of sanitary sewer collection system.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Svc Chrg	\$ 2,875,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,375,000
Total	\$ 2,875,000	\$ 1,500,000	\$ 1,000,000	\$ 9,375,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 1,806,320	\$ 945,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 5,901,320
80300 - Construction	596,798	315,000	210,000	210,000	210,000	210,000	210,000	1,961,798
80400 - Contingencies/ Misc	121,629	57,000	38,000	38,000	38,000	38,000	38,000	368,629
80500 - Equipment	5,018	3,000	2,000	2,000	2,000	2,000	2,000	18,018
87010 - Salary And Wages - Regular	345,235	180,000	120,000	120,000	120,000	120,000	120,000	1,125,235
Subtotal	\$ 2,875,000	\$ 1,500,000	\$ 1,000,000	\$ 9,375,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,875,000	\$ 1,500,000	\$ 1,000,000	\$ 9,375,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1912 **Sanitary Sewer System Improvements**
Project Type: Ongoing
Program: 4443
Theme: Public Systems and Facilities
Location: Citywide
Description: Design and construction/reconstruction of sanitary sewer mains as identified from condition assessment reports.
Justification: Improvements to correct deficiencies in the sanitary sewer system to provide reliable service.
Duration: Q1 2012 to Ongoing
Status: Projects in various stages of design and construction.
Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$ 3,256,010
Estimated Carryforward into 2017-18	\$ 2,846,990
Total Available Appropriations	\$ 5,152,990

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 6,103,000	\$ 2,306,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Total	\$ 6,103,000	\$ 2,306,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,050,000	\$ 345,900	\$ 361,350	\$ 376,800	\$ 392,250	\$ 407,700	\$ 424,500	\$ 4,358,500
80300 - Construction	3,373,000	1,614,200	1,686,300	1,758,400	1,830,500	1,902,600	1,981,000	14,146,000
80400 - Contingencies/ Misc	—	230,600	240,900	251,200	261,500	271,800	283,000	1,539,000
87010 - Salary And Wages - Regular	680,000	115,300	120,450	125,600	130,750	135,900	141,500	1,449,500
Subtotal	\$ 6,103,000	\$ 2,306,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 6,103,000	\$ 2,306,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1913 Sanitary Sewer Pump Station Improvements
Project Type: Distinct
Program: 4443
Theme: Public Systems and Facilities
Location: Various sanitary sewer pump stations

Estimated Expenditures through 2016-17	\$	1,896,966
Estimated Carryforward into 2017-18	\$	672,034
Total Available Appropriations	\$	2,392,034

Description: Purchase and install new generators and other related site and electrical upgrades at the Rabello and Northside Sanitary Sewer Pump Station, construct sanitary sewer bypass pumping connections from gravity lines to force mains and relocate flowmeter at the Rabello and Northside Sanitary Sewer Pump Stations, shut-off valve at the regional wastewater facility outfall structure, and improvements to various other pump stations.

Justification: Generators are needed to provide emergency back-up power and maintain continuous operation at various sanitary sewer pump stations. The sanitary sewer bypass pumping connections are required to comply with Environmental Protection Agency and Regional Water Quality Control Board regulatory requirements.

Duration: Q1 2011 to Q3 2018

Status: Generator installation completed. Design in progress for bypass pumping connection and flowmeter relocation, construction fall 2017.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 2,569,000	\$ 1,720,000	\$ —	\$ —	\$ —	\$ —	\$ —	4,289,000
Total	\$ 2,569,000	\$ 1,720,000	\$ —	4,289,000				
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 218,385	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	218,385
80300 - Construction	1,982,140	1,720,000	—	—	—	—	—	3,702,140
80400 - Contingencies/ Misc	177,768	—	—	—	—	—	—	177,768
87010 - Salary And Wages - Regular	190,707	—	—	—	—	—	—	190,707
Subtotal	\$ 2,569,000	\$ 1,720,000	\$ —	4,289,000				
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 2,569,000	\$ 1,720,000	\$ —	4,289,000				
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 594 - SEWER UTILITY

Project ID/Name: 1914 SCADA Replacement
Project Type: Distinct
Program: 1514
Theme: Santa Clara Utilities
Location: Various

Estimated Expenditures through 2016-17	\$ 1,021,842
Estimated Carryforward into 2017-18	\$ 6,603,158
Total Available Appropriations	\$ 7,503,158

Description: Replacement of the SCADA System for the Sewer Utility to meet current operational and regulatory requirements for the efficient operation of the sanitary sewer collection system and associated pumping facilities.

Justification: The Supervisory Control And Data Acquisition (SCADA) system has reached the end of its useful life and is in need of replacement.

Duration: Q1 2012 to Q4 2020

Status: SCADA replacement Phase I is currently under construction.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 7,625,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 10,750,000
Total	\$ 7,625,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 10,750,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 325,000	\$ 125,000	\$ 125,000	\$ 200,000	\$ —	\$ —	\$ 125,000	\$ 900,000
80300 - Construction	1,000,000	775,000	200,000	200,000	500,000	500,000	375,000	3,550,000
80500 - Equipment	6,300,000	—	—	—	—	—	—	6,300,000
Subtotal	\$ 7,625,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 10,750,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 7,625,000	\$ 900,000	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 10,750,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1915 **Sewer Utility Asset Management System**
Project Type: Distinct
Program: 1514
Theme: Santa Clara Utilities
Location: Various

Estimated Expenditures through 2016-17	\$	112,405
Estimated Carryforward into 2017-18	\$	997,595
Total Available Appropriations	\$	1,047,595

Description: Maintain and upgrade existing sewer utility asset management system to ensure reliable and timely asset management, accurate reports and data, and compliance with regulatory record keeping requirements.

Justification: The Sewer Utility is required to maintain a computerized maintenance management system. Upgrading the existing system to meet these requirements necessitates hardware and software upgrades.

Duration: Q1 2012 to Q4 2018

Status: A Request For Proposals will be issued in FY 2016-17 for conducting a study to serve as a baseline for the Water and Sewer Utilities Asset Management Program.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ 1,110,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,410,000
Total	\$ 1,110,000	\$ 50,000	\$ 1,410,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 950,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,250,000
80500 - Equipment	160,000	—	—	—	—	—	—	160,000
Subtotal	\$ 1,110,000	\$ 50,000	\$ 1,410,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 1,110,000	\$ 50,000	\$ 1,410,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1916 Walsh Avenue @ San Tomas Aquino Creek Sanitary Sewer Siphon

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Walsh Avenue at San Tomas Aquino Creek

Description: Construct new sanitary sewer siphon along Walsh Ave. and under San Tomas Aquino Creek.

Justification: The new sanitary sewer siphon will align with the relocated sanitary sewer main on the east side of San Tomas Aquino Creek, resulting in a more efficient and effective system with better maintenance access.

Duration: Q1 2015 to Q4 2019

Status: Conceptual Engineering Study completed.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	750,000
Total Available Appropriations	\$	750,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59000 - Developer Contributions	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Total	\$ 750,000	\$ —	\$ 750,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
80300 - Construction	700,000	—	—	—	—	—	—	700,000
Subtotal	\$ 750,000	\$ —	\$ 750,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 750,000	\$ —	\$ 750,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1917 Trimble Road Trunk Sanitary Sewer
Project Type: Distinct
Program: 4443
Theme: Santa Clara Utilities
Location: Trimble Road

Estimated Expenditures through 2016-17	\$ 11,128,844
Estimated Carryforward into 2017-18	\$ 871,156
Total Available Appropriations	\$ 871,156

Description: Rehabilitation and replacement of approximately 1.4 miles of sanitary sewer system from the intersection of Central Expressway and De La Cruz Boulevard to the intersection of Trimble Road and Zanker Road where it connects to the city of San Jose's interceptor system

Justification: Improve the existing trunk sewer system and continue to provide reliable infrastructure.

Duration: Q1 2015 to Q1 2018

Status: Construction completed in 2016. Hold open for project closeout and final accounting.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59942 - Intra Trs In - Debt Financing	\$ 12,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,000,000
Total	\$ 12,000,000	\$ —	\$ 12,000,000					
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ 12,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,000,000
Subtotal	\$ 12,000,000	\$ —	\$ 12,000,000					
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 12,000,000	\$ —	\$ 12,000,000					
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1918 Sewer Fiber Optic Network
Project Type: Distinct
Program: 1514
Theme: Santa Clara Utilities
Location: Various sites
Description: Funding for SVP work orders to provide fiber optic capability for efficient communication support of various sewer utilities sites.
Justification: Without funding, Sewer Utilities would not be able to deliver and enhance high quality services and infrastructure for our customers which is one of the Council objectives.
Duration: Q1 2018 to Q4 2021
Status: Implementation of Phase I for SCADA system.
Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59945 - Intra Trs In - Cust Srvc Chrg	\$ —	\$ 100,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 150,000
Total	\$ —	\$ 100,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 150,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80300 - Construction	\$ —	\$ 100,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 150,000
Subtotal	\$ —	\$ 100,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 150,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 100,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 150,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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Fund 593 Cemetery



Projects related to construction, engineering, repairs, and design of the two City-owned cemeteries.

Financing Sources:

- Capital Projects Reserve
- Cemetery Revenue

FUND 593 - CEMETERY

FUND SUMMARY

FINANCING SOURCES

Description		Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers									
Distinct Trs In - Loan	59921	\$ 91,053	\$ 30,175	\$ 58,850	\$ 5,525	\$ 62,700	\$ 5,875	\$ —	254,178
Intra Trs In - Miscellaneous	59940	29,715	5,000	5,350	11,050	11,400	11,750	—	74,265
	Subtotal	\$ 120,768	\$ 35,175	\$ 64,200	\$ 16,575	\$ 74,100	\$ 17,625	\$ —	328,443
Total Financing Sources		\$ 120,768	\$ 35,175	\$ 64,200	\$ 16,575	\$ 74,100	\$ 17,625	\$ —	328,443

* Amount represents cumulative appropriations since project inception.

FUND 593 - CEMETERY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 2,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	2,500
Land	80200 65,768	10,175	10,700	16,575	17,100	17,625	—	137,943
Construction	80300 50,000	—	53,500	—	57,000	—	—	160,500
Equipment	80500 —	25,000	—	—	—	—	—	25,000
Salary And Wages	87010 2,500	—	—	—	—	—	—	2,500
Subtotal Appropriations	\$ 120,768	\$ 35,175	\$ 64,200	\$ 16,575	\$ 74,100	\$ 17,625	\$ —	328,443
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 120,768	\$ 35,175	\$ 64,200	\$ 16,575	\$ 74,100	\$ 17,625	\$ —	328,443
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 62,100	\$ 4,174,100	\$ 2,850,000	\$ —	\$ —	7,086,200
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 593 - CEMETERY

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	3622	Repurchase Cemetery Property	\$ 65,768	\$ 47,858	\$ 17,910	\$ 10,175	\$ 28,085
Distinct	3626	Cremation Niche Bank Project	55,000	—	55,000	—	55,000
Distinct	3627	Casket Lift	—	—	—	25,000	25,000
Total			\$ 120,768	\$ 47,858	\$ 72,910	\$ 35,175	\$ 108,085

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 593 - CEMETERY

Project ID/Name: 3622 **Repurchase Cemetery Property**

Project Type: Ongoing

Program: 1162

Theme: Public Systems and Facilities

Location: Mission City Memorial Park.

Description: Repurchase of cemetery property.

Justification: Repurchase of cemetery property sold to customers.

Duration: Q3 2012 to Ongoing

Status: Ongoing. Properties are sold back to City when customers no longer need unused cemetery property. New customers purchase property at current, normally higher fees.

Department/Contact: Parks & Rec/L. DeJanvier

Estimated Expenditures through 2016-17	\$	47,858
Estimated Carryforward into 2017-18	\$	17,910
Total Available Appropriations	\$	28,085

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59921 - Distinct Trs In - Loan	\$ 36,053	\$ 5,175	\$ 5,350	\$ 5,525	\$ 5,700	\$ 5,875	\$ —	\$ 63,678
59940 - Intra Trs In - Miscellaneous	29,715	5,000	5,350	11,050	11,400	11,750	—	74,265
Total	\$ 65,768	\$ 10,175	\$ 10,700	\$ 16,575	\$ 17,100	\$ 17,625	\$ —	\$ 137,943

Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80200 - Land	\$ 65,768	\$ 10,175	\$ 10,700	\$ 16,575	\$ 17,100	\$ 17,625	\$ —	\$ 137,943
Subtotal	\$ 65,768	\$ 10,175	\$ 10,700	\$ 16,575	\$ 17,100	\$ 17,625	\$ —	\$ 137,943
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 65,768	\$ 10,175	\$ 10,700	\$ 16,575	\$ 17,100	\$ 17,625	\$ —	\$ 137,943

Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
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FUND 593 - CEMETERY

Project ID/Name: 3626 **Cremation Niche Bank Project**

Project Type: Distinct

Program: 1162

Theme: Public Systems and Facilities

Location: Mission City Memorial Park (Cemetery)

Description: Design, engineering and construction of approximately 300 new cremation niches.

Justification: To provide new cremation niche burial options for Santa Clara residents.

Duration: Q3 2015 to Q4 2020

Status: A new niche bank was purchased and installed in Willow Bend Way and is available for individual sales.

Department/Contact: Parks & Rec/James Teixeira

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	55,000
Total Available Appropriations	\$	55,000

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59921 - Distinct Trs In - Loan	\$ 55,000	\$ —	\$ 53,500	\$ —	\$ 57,000	\$ —	\$ —	\$ 165,500
Total	\$ 55,000	\$ —	\$ 53,500	\$ —	\$ 57,000	\$ —	\$ —	\$ 165,500
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 2,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,500
80300 - Construction	50,000	—	53,500	—	57,000	—	—	160,500
87010 - Salary And Wages - Regular	2,500	—	—	—	—	—	—	2,500
Subtotal	\$ 55,000	\$ —	\$ 53,500	\$ —	\$ 57,000	\$ —	\$ —	\$ 165,500
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 55,000	\$ —	\$ 53,500	\$ —	\$ 57,000	\$ —	\$ —	\$ 165,500
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 593 - CEMETERY

Project ID/Name: 3627 **Casket Lift**
Project Type: Distinct
Program: 1164
Theme: Public Systems and Facilities
Location: 420 N. Winchester Boulevard

Estimated Expenditures through 2016-17	\$	—
Estimated Carryforward into 2017-18	\$	—
Total Available Appropriations	\$	25,000

Description: Replacement of unsafe equipment.

Justification: The casket lift is necessary to access above ground crypts. This would replace the current equipment deemed unsafe by Automotive Services. To continue to offer this service, the Cemetery has borrowed a casket lift; the equipment can be called back at any time, preventing the Cemetery from being able to offer promised services to citizens.

Duration: Q1 2018 to Q4 2018

Status: In FY 2018 equipment will be purchased to fulfill the needs of cemetery operations.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
59921 - Distinct Trs In - Loan	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Total	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80500 - Equipment	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Subtotal	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 25,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 593 - CEMETERY

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 593-001	Internal Cemetery Roadway Conversion				
First Year Funding Requested:	2017	Status: Future				
Description:	Design, engineering and construction of additional in-ground pre-installed cement companion crypts, cremation and ground premium spaces.					
Justification:	Purchase and installation provides additional space and level of service for the Cemetery and residents.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ 62,100	\$ 85,600	\$ —	\$ —	\$ —	147,700
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—
Project Name:	Future 593-002	Mausoleum Memorial Center				
First Year Funding Requested:	2017	Status: Future				
Description:	Design, engineering and construction of 672 casket spaces and 320 niches, including one Mausoleum on each side of present building.					
Justification:	Purchase and installation provides additional space and level of service for the Cemetery and residents.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ 4,088,500	\$ —	\$ —	\$ —	4,088,500
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—
Project Name:	Future 593-003	Mission Mausoleum				
First Year Funding Requested:	2017	Status: Future				
Description:	Design, engineering and construction of 564 casket spaces and 80 niches, to be located on the South side of Evergreen area.					
Justification:	Purchase and installation provides additional space and level of service for the Cemetery and residents.					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Project Costs	\$ —	\$ —	\$ 2,850,000	\$ —	\$ —	2,850,000
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	—

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Fund 596

Solid Waste



Projects related to the construction of wells, well abandonments, erosion, maintenance of landfill gas, and miscellaneous landfill monitoring requirements.

Financing Sources:

- Capital Projects Reserve
- Customer Service Charges
- Lease Payments

FUND 596 - SOLID WASTE

FUND SUMMARY

FINANCING SOURCES

Description		Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Interest and Rent									
Lease Revenues	54750	\$ 98,000	\$ 17,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ —	\$ 179,000
Subtotal		\$ 98,000	\$ 17,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ —	\$ 179,000
Op Transfers									
Trs In - Capital Proj Reserves	59913	\$ 4,804,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,804,000
Intra Trs In - Cust Svc Chrg	59945	2,667,000	849,000	454,000	474,000	494,000	514,000	—	5,452,000
Subtotal		\$ 7,471,000	\$ 849,000	\$ 454,000	\$ 474,000	\$ 494,000	\$ 514,000	\$ —	\$ 10,256,000
Total Financing Sources		\$ 7,569,000	\$ 866,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ —	\$ 10,435,000

* Amount represents cumulative appropriations since project inception.

FUND 596 - SOLID WASTE

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Engineering	80100 \$ 349,874	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 349,874
Construction	80300 6,914,678	866,000	470,000	490,000	510,000	530,000	—	9,780,678
Contingency	80400 283,839	—	—	—	—	—	—	283,839
Salary And Wages	87010 20,609	—	—	—	—	—	—	20,609
Subtotal Appropriations	\$ 7,569,000	\$ 866,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ —	\$ 10,435,000
Less: Deferred/Unfunded**		—	—	—	—	—	—	—
Total Appropriations	\$ 7,569,000	\$ 866,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ —	\$ 10,435,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Future Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* Amount represents cumulative appropriations since project inception.

** Deferred/Unfunded - Current projects that represent a future need or are deferred due to a lack of funding or other resources.

FUND 596 - SOLID WASTE

PROJECT SUMMARY

Project Type	Project ID	Project Title	Prior Years Appropriations*	Prior Years Expenditures	Carryforward Balance	2017-18 Appropriations	Total Available Appropriations
Ongoing	6109	Sanitary Landfill Development - Post Closure	\$ 7,569,000	\$ 6,454,300	\$ 1,114,700	\$ 866,000	\$ 1,980,700
		Total	\$ 7,569,000	\$ 6,454,300	\$ 1,114,700	\$ 866,000	\$ 1,980,700

* Projects with no prior year appropriations are either a work order project or a new project.

FUND 596 - SOLID WASTE

Project ID/Name: 6109 **Sanitary Landfill Development - Post Closure**
Project Type: Ongoing
Program: 2931
Theme: Santa Clara Utilities
Location: 5401/5500 Lafayette Street

Estimated Expenditures through 2016-17	\$ 6,454,300
Estimated Carryforward into 2017-18	\$ 1,114,700
Total Available Appropriations	\$ 1,980,700

Description: Construct monitoring wells, well abandonments, leachate removal, roadway repair, fence repairs, landscaping, irrigation systems, erosion repair and prevention, monitoring, data collection, reporting, flare source test, maintenance of the landfill gas collection system, and other work for landfill post-closure.

Justification: State requires City owned landfill to provide financial assurances on annual basis. \$600,000 reserve fund balance, \$735,000 for water release corrective action, and \$867,000 for post closure maintenance expenses.

Duration: Ongoing to Ongoing

Status: Post-closure activities performed as required. Maintenance and financial assurance required through 2023. An agreement with a vendor provide and install a new landfill gas flare was executed. The installation of the landfill gas flare should be completed in 2018.

Department/Contact: Public Works/Dave Staub

Financing Sources	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
54750 - Lease Revenues	\$ 98,000	\$ 17,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ —	\$ 179,000
59913 - Trs In - Capital Proj Reserves	4,804,000	—	—	—	—	—	—	4,804,000
59945 - Intra Trs In - Cust Srvc Chrg	2,667,000	849,000	454,000	474,000	494,000	514,000	—	5,452,000
Total	\$ 7,569,000	\$ 866,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ —	\$ 10,435,000
Appropriations	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
80100 - Engineering	\$ 349,874	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 349,874
80300 - Construction	6,914,678	866,000	470,000	490,000	510,000	530,000	—	9,780,678
80400 - Contingencies/ Misc	283,839	—	—	—	—	—	—	283,839
87010 - Salary And Wages - Regular	20,609	—	—	—	—	—	—	20,609
Subtotal	\$ 7,569,000	\$ 866,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ —	\$ 10,435,000
Less: Deferred/Unfunded		—	—	—	—	—	—	—
Total	\$ 7,569,000	\$ 866,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ —	\$ 10,435,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —



City of Santa Clara

The Center of What's Possible

Additional Information

BUDGET PRINCIPLES

Budget Principles for 2017-18

(As adopted by the City Council on January 24, 2017)



- * The City's Code of Ethics and Values, especially being Fiscally Responsible, Communicative, and Service-Oriented, will be used as a guide for decisions.
- * Budget decisions will be made with long-term implications taken into account, using data from the Five-Year Financial Plan.
- * The perception of funding actions, as well as the fiscal impact, will be considered before budgetary decisions are made.
- * Focus on projects and services that provide benefit to the community as a whole.
- * Pursue economic development objectives and strategies to foster new public and private investment within Santa Clara, and to create employment opportunities.
- * Ensure ongoing revenues are sufficient to cover the full cost of any staffing changes or service level enhancements.
- * It is important to find the right balance between compensation for existing employees and funding for new positions.
- * As positions become vacant through attrition, it is prudent to review the services they supported to determine whether the resources would be better allocated to other areas based on today's environment.
- * One-time unrestricted revenues (e.g., annual General Fund surplus) should only be used for one-time uses such as increasing reserves, funding capital projects, paying off debt, and/or paying off unfunded pension or other post-employment benefits liabilities.
- * Funding challenges due to the impacts of the last recession resulted in the delay of many capital improvement, major maintenance, and technology projects (e.g., street resurfacing, equipment replacement, replacing older and/or obsolete computer applications, etc.) creating a backlog of needed work. It is important to set aside a portion of one-time monies to reduce this backlog.
- * In accordance with Council policy, continue to maintain the General Fund Working Capital Reserve balance at or above targeted levels for the long-term fiscal health of the City.
- * Inform residents, businesses and employees of any fiscal challenges along with the City's responses.
- * With limited exceptions, establish fees based on full cost recovery where individuals/businesses rather than the community at-large are benefiting from City services. This preserves limited unrestricted resources for providing services that benefit the community as a whole.

READER'S GUIDE

This Capital Improvement Project Budget document is organized by fund within fund categories. Each CIP fund is comprised of a FUND SUMMARY page that begins with the fund section, a PROJECT SUMMARY, and individual project detail pages(s). See below for an example of an individual project detail page.

TRAFFIC MITIGATION- FUND 525									
Project ID/Name:	1357	Traffic Signal Controller Upgrade - Phase "C"							
Project Type:	Ongoing	Estimated Expenditure through 2016-17 (2)					\$ 540,000		
Program:	4433	Estimated Carryforward into 2017-18 (3)					\$ 160,000		
Theme:	Public Systems and Facilities	Total Available Appropriation 2017-18 (4)					\$ 460,000		
Location:	Various locations								
Description:	City-wide traffic signal controller upgrade from Traconex 39D controllers to state-of-the-art Naztec controllers.								
Justification:	Existing Traconex controllers are obsolete and have no technical support. Their replacement controllers with Naztec software will allow advanced functionality, communications, and improved coordination/monitoring.								
Duration:	Q1 2013 - Ongoing								
Status:	Design as-needed and ongoing replacement.								
Department/Contact:	Public Works/Dennis Ng								
Financing Sources		Prior Years (1)	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Vehicle Registration Fees	55100	\$ 700,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,000,000
Total		\$ 700,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,000,000
Appropriations		Prior Years (1)	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	80100	\$ 60,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 240,000
Construction	80300	620,000	260,000	360,000	360,000	360,000	360,000	360,000	2,680,000
Contingencies	80400	20,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
Subtotal		\$ 700,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,000,000
Less: Deferred/Future Needs			—	—	—	—	—	—	—
Total		\$ 700,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,000,000
Operating Budget			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

- (1) Amount under Prior Years reflects the cumulative budget totals since project inception.
- (2) Project expenditures from project inception through the end of 2016-17.
- (3) Amount of estimated carryforward appropriations into 2017-18.
- (4) Amount of estimated appropriations available for 2017-18.

READER'S GUIDE

TYPES OF PROJECTS

The City defines three types of CIP projects:

- **Work Order:** Appropriations lapse at year end. Exception for encumbered funds.
- **Ongoing:** Appropriations carryforward and the project is needed indefinitely.
- **Distinct:** Appropriations carryforward. Project is closed once the scope has been completed.

BASIS OF ACCOUNTING

The City adheres to Generally Accepted Accounting Principles (GAAP) in all of its financial transactions and record keeping: budgets are developed on a non-GAAP budgetary basis and the annual financial reports include the reconciliation between GAAP modified and/or full accrual accounting for the financial reports and the budgetary basis budget.

IMPACT OF INFLATION ON CONSTRUCTION PROJECTS

In preparing the CIP budget and the Five-Year Financial Plan, staff has taken into account the construction period of each project and has adjusted appropriations to reflect anticipated inflationary cost increases. Staff has also taken inflationary impacts into consideration when projects have been delayed one or more years and has adjusted project appropriations accordingly.

GLOSSARY

The following explanations of terms are presented to aid in understanding the information included in this document:

Appropriation- Per the City Charter, from the effective date of the budget, proposed expenditures approved by the City Council shall become appropriated to the various departments and agencies for the respective projects named. For purposes of the Capital Improvement Project budget, appropriations are automatically renewed, for the life of the project, unless altered or rescinded.

Basis of Accounting- The timing of recognition, that is, when the effects of transactions or events are recognized for financial reporting or budgeting purposes. The three bases of accounting for governmental agencies are: (1) cash basis (when cash is received or paid), (2) accrual basis (when the underlying transaction or event takes place), and (3) modified accrual basis (revenues are recognized in the accounting period in which they become available and measurable and expenditures are recognized in the accounting period in which the fund liability occurred).

Budget Year Appropriation- Denotes appropriation requested or approved for the budget year. These appropriations are in the form of new project requests or additional appropriations for existing projects.

Capital Improvement- A permanent addition to the City's assets, including the design, construction or purchase of land, buildings, or facilities, or major renovations of same.

Capital Improvement Project (CIP) Budget- A plan of annual appropriation for capital improvements and various kinds of major facility maintenance. These projects are often multi-year in length, which requires funding beyond the one-year period in the annual budget. The appropriations, therefore, do not lapse at the end of the fiscal year but continue until the project is completed or closed.

Charges for Services- Fees and charges leveled by City departments for services rendered (example: utility charges to customers, recreation program fees, engineering fees, etc...).

Closed Project- A project that has been completed. Any unrestricted excess appropriation is added to the fund's unallocated account.

Department- An organizational unit comprised of divisions and/or programs. It is the basic unit of service responsibility encompassing a broad mandate of related activities. Department directors generally report directly to the City Manager's Office, for instance, Fire and Finance.

Financing Sources- The revenue streams available to finance project appropriations.

GLOSSARY

Fiscal Year- The time period designated by the City signifying the beginning and ending period for recording financial transactions. Consistent with all cities and counties in the State of California, the City of Santa Clara has specified July 1 to June 30 as its fiscal year.

Fund- An independent fiscal and accounting entity with a self-balancing set of accounts recording its assets, liabilities, fund equity, revenues and expenditures or expenses and other changes in residual fund equity or balances, segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, limitations, or public policy.

Generally Accepted Accounting Principles (GAAP)- Uniform minimum standards and guidelines for financial accounting and reporting that govern the form and content of the financial statements of an entity. GAAP encompass the conventions, rules, and procedures necessary to define accepted accounting practice at a particular time. GAAP provide a standard by which to measure financial presentations. The primary authoritative body on the application of GAAP to state and local governments is the GASB (Governmental Accounting Standards Board).

Interest and Rent- Interest income on investments and rental income received on property owned by the City.

Intergovernmental- Revenue received from other government entities (example: grants).

Prior Years Appropriations- Denotes the accumulation of all appropriations from the year of project initiation through the prior fiscal year. This applies to all active projects except Work Order projects whose annual appropriations lapse at the end of the fiscal year.

Program- The program is a service activity that may or may not correspond to an organizational unit such as a division. The presentation of budgeted expenditures is the expenditure category for a program.

Reduced Project- A project that has its appropriation reduced from a previously authorized level.

Unallocated Appropriations- Each fund contains an unallocated appropriations account used to accumulate monies remaining after existing projects are closed or reduced in value. These appropriations are typically unrestricted allowing them to be reallocated to new or existing projects in the same fund under the administration of the City Manager.

Work Order Projects- Annually appropriated capital projects whose unspent and unencumbered appropriation lapses at the end of each fiscal year.

LIST OF ACRONYMS

AB	Assembly Bill	GFOA	Government Finance Officers Association
ADA	Americans with Disability Act	GIS	Geographical Information Systems
AED	Automated External Defibrillator	GPS	Global Positioning System
ALS	Advanced Life Support	JPA	Joint Power Agreement
AMI	Advanced Metering Infrastructure	kWh	Kilo Watt Hour
CAD	Computer Aided Dispatch	LED	Light Emitting Diodes
CAFR	Comprehensive Annual Financial Report	LEED	Leadership in Energy and Environmental Design
CAISCO	California Independent System Operator	LLEBG	Local Law Enforcement Block Grants Program
CDBG	Community Development Block Grant	LPD	Land, Property & Development
CEQA	California Environmental Quality Act	N/A	Not Applicable
CIP	Capital Improvement Project	NCPA	Northern California Power Agency
CMAQ	Congestion Mitigation and Air Quality Improvements	O&M	Operations and Maintenance
CMP	Congestion Management Plan	OBAG	One Bay Area Grant
CNG	Compressed Natural Gas	OSHA	Occupational Safety and Health Administration
COP	Certificates of Participation	PG&E	Pacific Gas and Electric
CRC	Community Recreation Center	SB	Senate Bill
CSMFO	California Society of Municipal Finance Officers	SCADA	Supervisory Control and Data Acquisition
CVB	Convention-Visitors Bureau	SVP	Silicon Valley Power (City owned Electric Utility)
DVR	Donald Von Raesfeld Power Plant	TBD	To Be Determined
ECR	El Camino Real	TDA	Transportation Development Act
EIR	Environmental Impact Report	TFCA	Transportation Fund for Clean Air
EMS	Emergency Medical Services	TMP	Transportation Management Program
EMT	Emergency Medical Technician	TPAC	Treatment Plant Advisory Committee
EOC	Emergency Operations Center	UMIS	Utility Management Information System
FEMA	Federal Emergency Management Agency	URPPP	Urban Runoff Pollution Prevention Plan
FERC	Federal Energy Regulatory Commission	VoIP	Voice over Internet Protocol
FHRMS	Finance Human Resources Management System	VRF	Vehicle Registration Fee
FMIS	Finance Management Information System	VTA	Valley Transportation Authority
GAAP	Generally Accepted Accounting Principles	WiFi	Wireless Fidelity communication technology
GASB	Governmental Accounting Standards Board	WPCP	Water Pollution Control Plant

PLANNING COMMISSION RESOLUTION

RESOLUTION NO. 17-027

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SANTA CLARA, CALIFORNIA MAKING FINDINGS ON THE CONFORMITY OF THE FISCAL YEAR 2017-2018 CAPITAL IMPROVEMENT PROGRAM BUDGET WITH THE 2010-2035 GENERAL PLAN

PLN2017-12553/CEQ2017-01 031

BE IT RESOLVED BY THE PLANNING COMMISSION OF THE CITY OF SANTA CLARA AS FOLLOWS:

WHEREAS, a list of capital improvement projects from the City of Santa Clara Capital Improvement Program ("CIP") Budget for Fiscal Year 2017-2018 is attached hereto and incorporated herein as Exhibit 1 ("Proposed FY 2017-2018 CIP Budget"). This list was submitted to the Planning Commission on April 25, 2017 and then again on May 24, 2017 for the Commission's review and report as to the conformity of the CIP with the General Plan; and

WHEREAS, the Planning Commission reviewed and considered the Proposed FY 2017-2018 CIP Budget to determine whether the list of proposed public works is consistent with the Santa Clara 2010-2035 General Plan pursuant to the requirements of State law.

NOW THEREFORE, BE IT FURTHER RESOLVED BY THE PLANNING COMMISSION OF THE CITY OF SANTA CLARA AS FOLLOWS:

1. That the Planning Commission hereby determines that all of the projects listed in the Proposed FY 2017-2018 CIP Budget conform with the Santa Clara 2010-2035 General Plan.
2. That the Fiscal Year 2017-2018 Proposed Capital Improvement Project Budget takes into consideration Council Strategic Objectives.

3. That the Planning Commission encourages the Council to allot additional money currently in carryforward balance of the Traffic Mitigation Fund (Fund 525 of the CIP budget) towards currently identified traffic and alternative mobility needs.

4. **Constitutionality, severability.** If any section, subsection, sentence, clause, phrase, or word of this resolution is for any reason held by a court of competent jurisdiction to be unconstitutional or invalid for any reason, such decision shall not affect the validity of the remaining portions of the resolution. The City of Santa Clara, California, hereby declares that it would have passed this resolution and each section, subsection, sentence, clause, phrase, and word thereof, irrespective of the fact that any one or more section(s), subsection(s), sentence(s), clause(s), phrase(s), or word(s) be declared invalid.

5. **Effective date.** This resolution shall become effective immediately.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE COPY OF A RESOLUTION PASSED AND ADOPTED BY THE PLANNING COMMISSION OF THE CITY OF SANTA CLARA, CALIFORNIA, AT A REGULAR MEETING THEREOF HELD ON THE 24th DAY OF MAY, 2017, BY THE FOLLOWING VOTE:

AYES: COMMISSIONERS: Weng, Jain, Ikezi, Kelly, O'Halloran, Chahal

NOES: COMMISSIONERS:

ABSENT: COMMISSIONERS: Reinhardt

ABSTAINED: COMMISSIONERS:

ATTEST: 

ANDREW CRABTREE
DIRECTOR OF COMMUNITY
DEVELOPMENT
CITY OF SANTA CLARA

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City of Santa Clara

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