



**City of
Santa Clara**

The Center of What's Possible

**Proposed Biennial
Capital Improvement Program
Budget**

Fiscal Years 2018-19 & 2019-20

BUDGET TRANSMITTAL LETTER



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

May 8, 2018

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 City of Santa Clara's Proposed Biennial Capital Improvement Program (CIP) Budget for Fiscal Years 2018/19 and 2019/20. This Budget was developed with consideration of the City's mission, vision statement, current economic conditions, limited financial resources, and strategic economic development opportunities. It also responds to the City Council Strategic Pillars identified during the Council Operational and Strategic Priority Setting Retreat held on January 19-20, 2018, namely "Promote and Enhance Economic and Housing Development, Enhance Community Sports and Recreational Assets, and Deliver and Enhance High Quality Efficient Services and Infrastructure". These pillars are addressed by focusing on completing projects approved in prior capital budget cycles and giving the highest priority to projects that address safety issues and seriously deferred maintenance needs that can no longer be delayed.

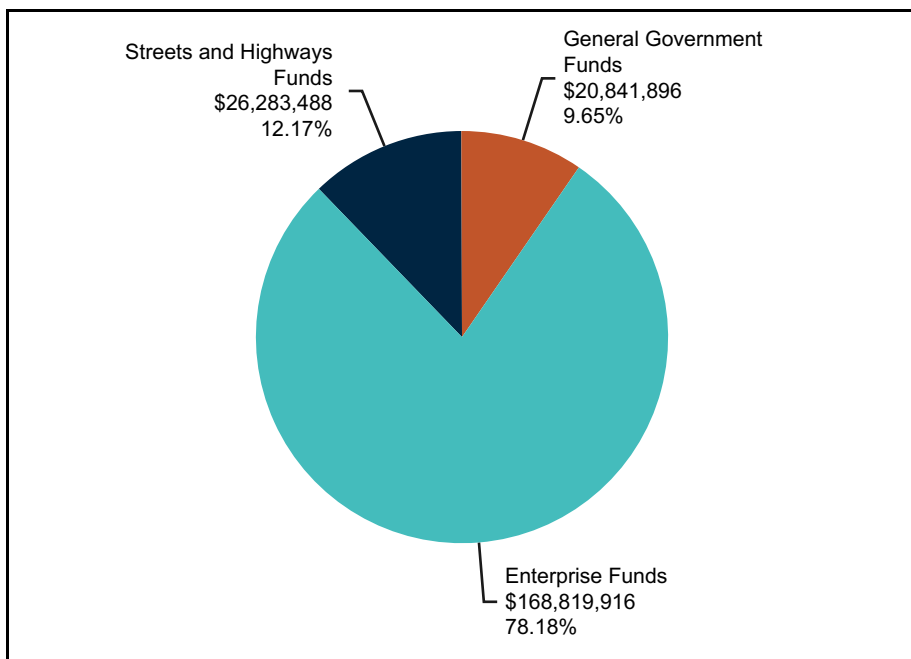
While this budget advances strategic investments in the City's capital infrastructure, there remains a need for staff to continue to work with Council to identify both one-time and recurring resources necessary to ensure that funding will be available in later years to implement this CIP. On April 24th, a study session was held to discuss the City's unfunded infrastructure needs and priorities, as well as, options on how to fund these needs. In addition, on May 15th a study session will be held to discuss General Fund revenue opportunities that could be used as a possible funding source for unfunded and deferred CIP projects.

This budget reflects \$111.6 million in unfunded projects over the five-year planning period. It should be noted that these unfunded needs do not include recent facility assessments that were done as part of the process of a Capital Fund strategy to address short and long term needs for public facilities, streets, parks and recreation, and other infrastructure. Additionally, the unfunded project list is dynamic and subject to change each budget cycle dependent on the needs of the City. It is anticipated that this process will be improved over time as the City Council begins to set policy and makes decisions on how to scope these needs and Management becomes more familiar with the needs of the community and capacity of staff.

As was proposed by staff and approved by the City Council at the Council Operational and Strategic Priority Setting Retreat, with this capital budget the City is transitioning to a two-year detailed budget development cycle. The Operating Budget will transition to a two-year cycle with the 2019/20 fiscal year. Transitioning to a biennial budget with a detailed budget development focus every two years allows for a more in-depth review of existing resources and needs in alignment with Council priorities. The opportunity to focus on one budget, over a two-year term, preserves capacity of limited City staff during a time when we need to initiate and pursue revenue opportunities and expenditure growth management. The implementation of two-year budget cycles aligns to Council's strategic pillars in that it allows for a better understanding of today's fiscal actions over the long-term instead of budgeting year-to-year on a short-term basis. Regardless of the annual budget development focus, staff will continue to bring forward the capital and operating budget for approval of annual appropriations.

BUDGET TRANSMITTAL LETTER

While funding appropriations occur on a biennial basis, the program extends for a five-year period. Changes to existing projects, as well as the addition of new projects, may occur during the five-year planning period as new needs are identified that require attention and the allocation of resources. The Proposed Biennial CIP Budget appropriations totaling \$215.9 million are shown by fund type in the following graph.



BACKGROUND

On January 20, 2018, the City Council reviewed and adopted Budget Principles for Fiscal Years 2018/19 and 2019/20. The Principles most related to the CIP Budget development include:

- Consider budget decisions with long-term implications taken into account using data from the Ten-Year Financial Plan.
- Focus on projects and services that benefit 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.

- Use one-time unrestricted revenues (e.g., annual General Fund surplus) for one-time uses such as increasing reserves, funding capital projects or Information Technology projects, paying off debt, and/or paying off unfunded pension or other post-employment benefits liabilities.
- Inform and communicate clearly and broadly to residents, businesses, and employees the City's fiscal position and budget schedule/hearings to actively participate in the City Council's budget deliberations.

In January 2018, the City Manager's Office issued guidelines for the Fiscal Year 2018/19 and 2019/20 CIP 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 seriously 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:
 - Required by State or Federal law;
 - Address a critical safety hazard or an increasingly serious maintenance issue;
 - Closely align with Council goals and strategic objectives and adopted Budget Principles;
 - Funded substantially by other funding sources (e.g., gas tax, grants, utility charges, etc.); or
 - Result in lower operating costs over a minimal payback period.
- New future year project requests will be considered based on project needs and any dedicated funding sources expected to be available.
- Review all existing funded projects for project status and completion and potential reallocation of remaining funds to other projects.

BUDGET TRANSMITTAL LETTER

California Government Code Section 65401 requires the City to prepare a coordinated program (i.e., Capital Improvement Program) identifying projects recommended for planning, initiation, or construction during the ensuing fiscal year. In accordance with State law, the Planning Commission must review and report on the conformity of the CIP with the adopted General Plan. On May 9, 2018, the Planning Commission is scheduled to review the Biennial Capital Improvement Program Budget for Fiscal Years 2018/19 and 2019/20 and determine if it conforms to the City's General Plan.

A joint study session of the City Council, Sports and Open Space Authority and Housing Authority will be held on May 8, 2018, at which staff will present an overview of the proposed Biennial CIP Budget.

The Biennial CIP Budget is scheduled to be formally adopted on June 26, 2018.

CARRYFORWARD APPROPRIATIONS

The appropriations for most capital projects do not lapse at year end and are reflected below as "2017/18 Carryforward" 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 2018/19, by fund group.

Fund Group	2017-18 Carryforward Appropriations	2018-19 Appropriations	2019-20 Appropriations
Streets and Highways Funds	\$ 17,378,830	\$ 9,773,440	\$ 16,510,048
General Government Funds	28,623,249	11,767,905	9,073,991
Enterprise Funds	90,313,476	61,997,086	106,822,830
Total	\$ 136,315,555	\$ 83,538,431	\$ 132,406,869

REVENUE SOURCES

A careful review of projects already approved but not yet completed was conducted to identify possible appropriation reductions to make funding available for 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. A list of closed projects is located at the back of each Fund Group.

This budget also implements moving from budgeting by funding source to budgeting by project. For example, the City's Annual Street Maintenance Program was previously budgeted in several funds by revenue source (i.e., Gas Tax, Traffic Mitigation, etc.) thereby making it difficult to determine how much was actually budgeted for Street Maintenance. This project has now been combined into one fund (Streets and Highways) showing all funding sources and total expenditures in order to provide better transparency.

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

Revenue/Financing Sources	2017-18 Adopted	2018-19	2019-20
Charges for Current Services*	\$ 6,000,000	\$ 3,300,000	3,150,000
Interest and Rent	17,000	16,000	16,000
Intergovernmental Revenue	3,050,000	750,000	6,841,000
Road Repair and Accountability Act of 2017 (SB1)	—	2,050,000	2,050,000
Measure B VTA Revenue	—	2,300,000	2,300,000
Operating Transfers:			
Customer Service Charges	66,830,023	43,140,086	61,838,830
Reserves	7,893,633	10,753,547	7,779,443
Gas Tax Revenue	3,310,123	3,399,940	4,254,548
Debt Financing	—	—	25,000,000
Other	25,396,481	4,308,858	3,642,048
Subtotal Operating Transfers	103,430,260	61,602,431	102,514,869
Other Revenues	14,890,038	13,520,000	15,535,000
Total CIP	\$ 127,387,298	\$ 83,538,431	\$ 132,406,869

*This revenue source is showing a decrease from the 2017/18 adopted budget due to a reduction in the ongoing Sewer Capacity Improvement project for Fiscal Years 2018/19 and 2019/20.

BUDGET TRANSMITTAL LETTER

CAPITAL PROJECTS RESERVE

The Capital Projects Reserve policy was established by the City Council with a minimum target balance of \$5.0 million to fund General Fund projects. The Capital Projects Reserve has a projected beginning balance of \$30.9 million for Fiscal Year 2018/19. The proposed Capital Projects Reserve funding for 2018/19 totals \$9.9 million and \$7.8 million for 2019/20. The remaining balance in the Capital Projects Reserve equals \$13.2 million and is allocated towards approved projects included in this five-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:

- 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 Fiscal Year 2018/19 General Fund Operating budget does not anticipate any savings and/or surpluses; therefore, no transfer of funds has been included to the 2018/19 Capital Projects Reserve. However, as part of closing the FY 2017/18 Budget, the City Council may allocate any General Fund surplus to the 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 2022/23.

The City's ten-year General Fund financial forecast shows that the General Fund will be in a deficit position in Fiscal Year 2019/20 and continuing to Fiscal Year 2027/28. 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 Fiscal Year 2018/19.

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. Streets and Highways Fund
2. General Government Funds
3. Enterprise Funds

This budget includes a 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 HIGHWAYS FUND

The Fiscal Year 2018/19 recommended allocation and five-year capital plan allocations amount to \$9.8 million and \$55.1 million, respectively. The Streets and Highways Fund supports street resurfacing, major roadway improvements, traffic signal improvements, and related trail expenditures managed under the Public Works Department. Revenues include traffic mitigation fees, developer fees, gas tax revenues, Measure B VTA revenues, Road Repair and Accountability Act (SB 1), vehicle registration fees, grants and internal transfers from the Capital Projects Reserve.

New projects in the Streets and Highways Fund include the following:

Project	FY 2018/19	FY 2019/20
Santa Clara Various Streets and Roads Preservation	—	\$3,956,000
Adaptive Signal System	\$350,000	\$1,500,000
Pedestrian Crosswalk Sensors	\$150,000	\$150,000

BUDGET TRANSMITTAL LETTER

GENERAL GOVERNMENT FUNDS

Fiscal Year 2018/19 recommended allocation and five-year capital plan allocations amount to \$11.8 million and \$42.4 million, respectively. 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 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:

Project	FY 2018/19	FY 2019/20
Stationary Standby Generators	\$ 2,350,000	\$ 725,000
Westside Retention Basin Pump Station Replacement Project	\$ 880,000	\$ —
ADA Self Evaluation and Transition Plan Update	\$ 500,000	\$ —
Office Reconfiguration	\$ 400,000	\$ —
Downtown Master Plan	\$ 400,000	\$ —
Diesel Exhaust Removal Systems	\$ 270,000	\$ —
Public Spaces (Library)	\$ 220,000	\$ —
Fall Safety Building Improvements	\$ 200,000	\$ 100,000
Fire Station Video Conferencing	\$ 200,000	\$ —
Morse Mansion Rehabilitation	\$ 50,000	\$ 50,000
IT Training Room Refurbishment	\$ 50,000	\$ —

ENTERPRISE FUNDS

FY 2018/19 recommended allocation and five-year capital plan allocations amount to \$62.0 million and \$412.4 million, respectively. Enterprise Funds support capital projects in the City's cemetery, electric, recycled water, sewer, solid waste, street lighting, and water utilities.

New projects within the Enterprise Funds include the following:

Project	FY 2018/19	FY 2019/20
Homestead Substation Rebuild	\$ 500,000	\$ 2,800,000
Parker Substation	\$ 1,150,000	\$ 1,050,000
Replace Balance of Plant Control System (DCS)	\$ 1,500,000	\$ 100,000
DOT Gas Pipeline Upgrades and Repairs	\$ 850,000	\$ 250,000
Storm Water Compliance	\$ 655,000	\$ —
Valve Replacement and Repair	\$ 500,000	\$ 100,000
Piping System Repairs	\$ 300,000	\$ 150,000
Underground/Above Ground Tank Replacement and Maintenance	\$ 300,000	\$ 75,000
Sanitary Sewer Hydraulic Modeling	\$ 300,000	\$ —
Hydro Controls Upgrade	\$ 175,000	\$ 75,000

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 Fiscal Year 2018/19 Operating, Debt, and Capital Budget was adopted by the Stadium Authority Board on March 27, 2018 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.

BUDGET TRANSMITTAL LETTER

SUMMARY

The proposed Biennial Capital Improvement Program Budget provides the necessary funding to implement projects consistent with the City Council's goals, priorities, and budget principles. Funding for new and ongoing projects included in this document make progress toward pursuing infrastructure and equipment improvements.

As we look forward, we continue to be faced with future fiscal challenges especially in the City's General Fund (which provides many of the City's core services such as Libraries, Public Safety, Parks and Recreation, and Public Works). Staff is working diligently to identify substantial, recurring funding sources for capital project needs in order to maintain our streets, infrastructure, and equipment.

Key to this is to daylight to the City Council the current unfunded and deferred infrastructure needs. As mentioned previously, a separate study session was held on April 24th to discuss and receive Council and public input on current City infrastructure needs and possible funding sources, such as debt financing and/or a ballot measure. In addition, a study session will be held on May 15th to discuss future revenue opportunities which would require the City to draft regulatory ordinances and licensing procedures that would then be submitted as a measure to the voters for approval.

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,



Deanna J. Santana
City Manager



Angela Kraetsch
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, Vacancy

CULTURAL COMMISSION

Loretta Beavers, Harbir K. Bhatia, Candida A. Diaz, Kendra Fehrer, Niha Mathur, Louis Samara, Debra Von Huene

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, Steve Kelly, Michael O'Halloran, Lance Saleme, Jan-Yu Weng, Vacancy

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, Icko Iben, Ahmed Iftekhhar, Bella Jimenez, Caroline Kloes, Alicia Luong, Damarah Madriaga, Jill Managawang, Pyper Olsen, Catherine Petersen, Kayla Phan, Meera Suresh, Sanja Yerramaneni

As of January 1, 2018

EXECUTIVE LEADERSHIP TEAM

CITY MANAGER
Deanna J. Santana

ACTING CITY CLERK/CITY AUDITOR

Jennifer Yamaguma

CITY ATTORNEY

Brian Doyle

CHIEF OPERATING OFFICER

Walter C. Rossmann

ASSISTANT CITY MANAGER

Manuel Pineda

ASSISTANT CITY MANAGER

Ruth Shikada

DEPUTY CITY MANAGER

Nadine Nader

COMMUNITY RELATIONS MANAGER

Jennifer Yamaguma

CHIEF OF POLICE

Michael J. Sellers

FIRE CHIEF

William G. Kelly

INTERIM DIRECTOR OF HUMAN RESOURCES

Julia Hill

DIRECTOR OF INFORMATION TECHNOLOGY

Gaurav Garg

DIRECTOR OF FINANCE

Angela Kraetsch

DIRECTOR OF PARKS & RECREATION

James F. Teixeira

CITY LIBRARIAN

Hilary Keith

CHIEF ELECTRIC UTILITY OFFICER

John Roukema

DIRECTOR OF WATER & SEWER UTILITIES

Gary Welling

DIRECTOR OF PUBLIC WORKS

Craig Mobeck

DIRECTOR OF COMMUNITY DEVELOPMENT

Andrew Crabtree

AWARD - EXCELLENCE IN CAPITAL BUDGETING

California Society of Municipal Finance Officers

Certificate of Award

Capital Budget Excellence Award Fiscal Year 2017-2018

Presented to the

City of Santa Clara

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

February 7, 2018



A handwritten signature in blue ink, appearing to read "Drew Corbett".

Drew Corbett
CSMFO President

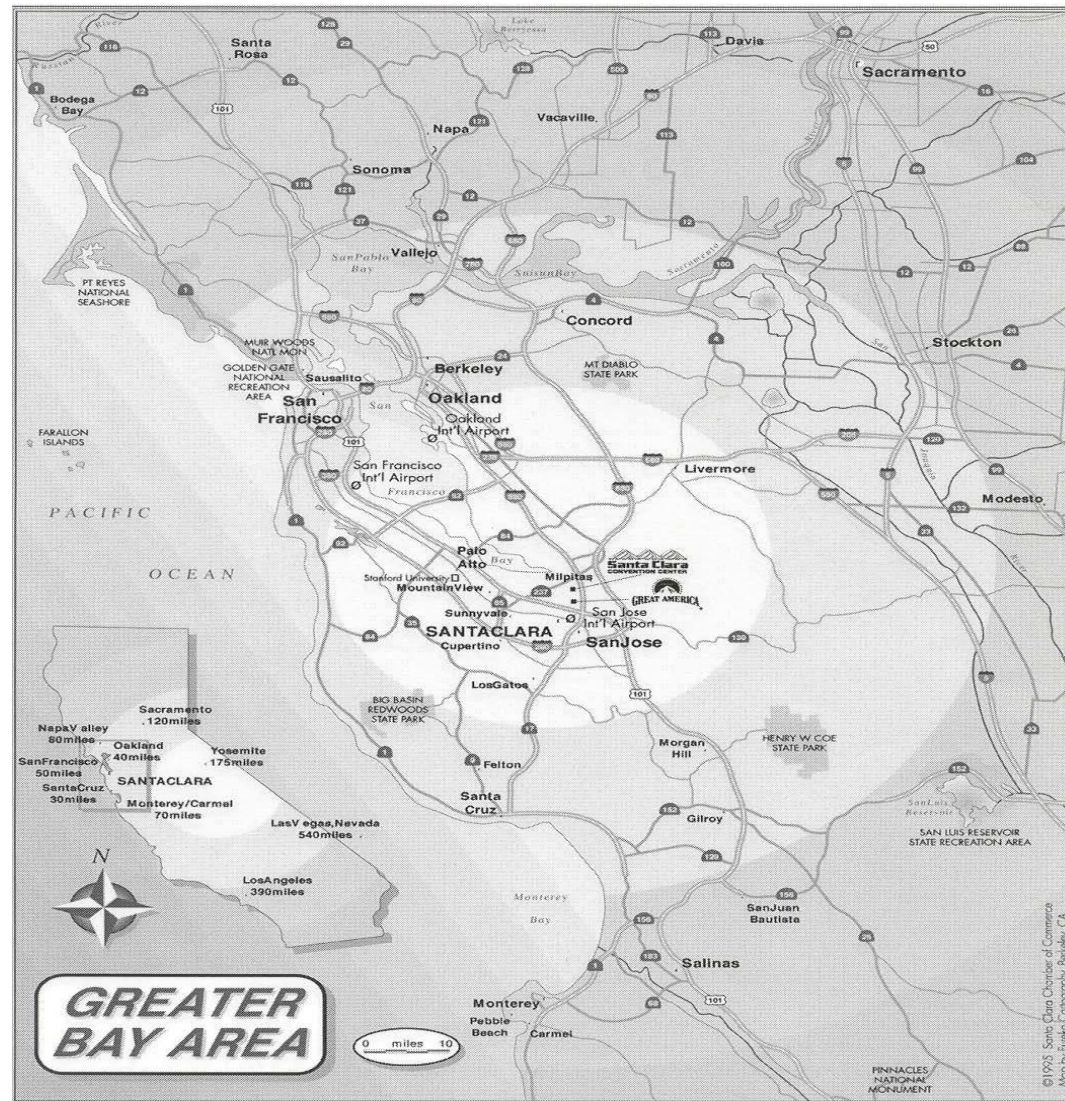
A handwritten signature in blue ink, appearing to read "Craig Boyer".

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.



2018-19 BUDGET CALENDAR

January 19, 2018	City Council Adoption of Proposed Budget Hearing Dates and Budget Principles
April 24, 2018	Public hearing and adoption of proposed Municipal Fee Schedule
May 8, 2018	Study session to review proposed Capital Improvement Program budget
May 22, 2018	Study session to review proposed Operating Budget and Ten-Year Financial Plan
June 12, 2018	Public hearing of proposed Annual Operating and Capital Improvement Program budgets
June 26, 2018	Public hearing and adoption of proposed Annual Operating and Capital Improvement Program budgets

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City of Santa Clara

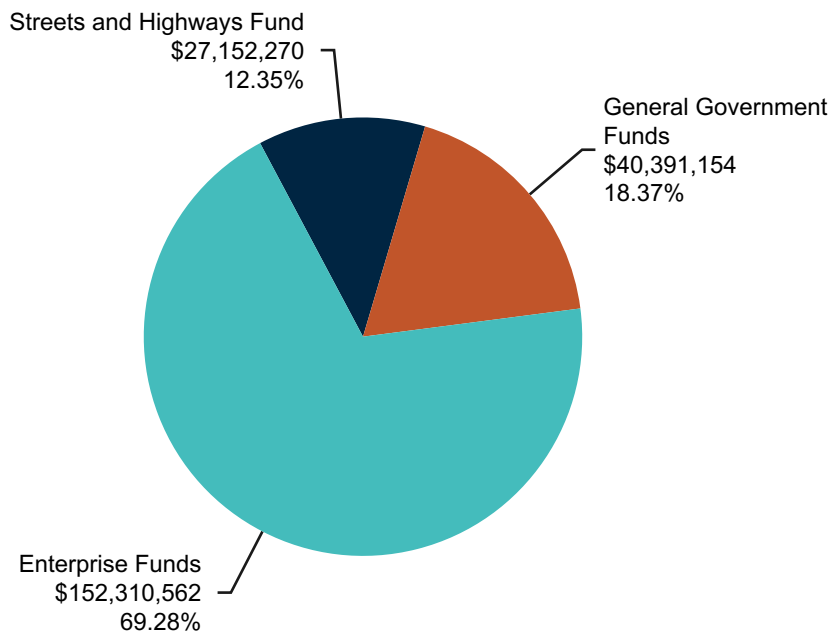
The Center of What's Possible

Summaries

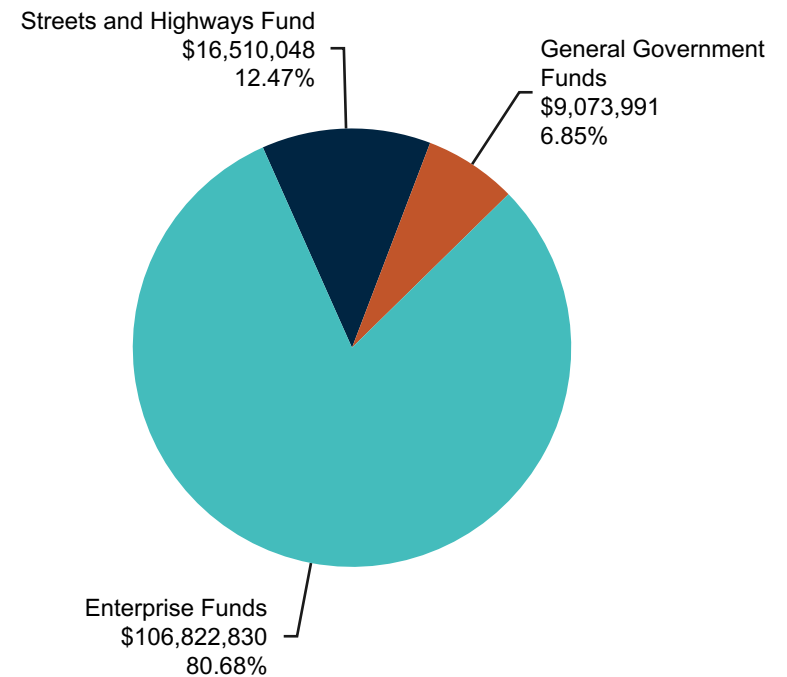
SUMMARY BY FUND TYPE

Fund Type	Carryforward	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Streets and Highways Fund	\$ 17,378,830	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175
General Government Funds	28,623,249	11,767,905	9,073,991	14,848,982	3,780,602	2,927,419	71,022,148
Enterprise Funds	90,313,476	61,997,086	106,822,830	118,594,117	65,104,889	59,865,734	502,698,132
Total - All City Funds	\$ 136,315,555	\$ 83,538,431	\$ 132,406,869	\$ 142,313,056	\$ 79,006,669	\$ 72,589,875	\$ 646,170,455

2018-19 Proposed Budget and Estimated Carryforward Summary by Fund Type



2019-20 Proposed Budget by Fund Type



FUND SUMMARY BY FUND TYPE

Fund Type	Carryforward	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Streets and Highways Fund							
533 - Streets and Highways	\$ 17,378,830	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175
Subtotal	\$ 17,378,830	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175
General Government Funds							
532 - Parks and Recreation	\$ 18,341,518	\$ 985,000	\$ 485,000	\$ 270,000	\$ 270,000	\$ 275,000	\$ 20,626,518
535 - Storm Drains	1,190,292	1,995,000	4,400,000	3,170,000	730,000	665,000	12,150,292
536 - Fire Department	450,666	673,000	525,000	165,000	170,000	160,000	2,143,666
537 - Library	—	220,000	—	—	—	—	220,000
538 - Public Buildings	1,702,432	3,672,105	1,560,000	575,000	575,000	575,000	8,659,537
539 - General Government - Other	6,938,341	4,222,800	2,103,991	10,668,982	2,035,602	1,252,419	27,222,135
Subtotal	\$ 28,623,249	\$ 11,767,905	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 71,022,148
Enterprise Funds							
534 - Street Lighting	\$ 4,630,000	\$ 800,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 5,780,000
591 - Electric Utility	53,746,138	33,787,000	46,715,000	56,385,000	40,020,000	28,337,000	258,990,138
592 - Water Utility	10,484,739	4,300,000	5,010,000	4,705,000	4,100,000	3,675,000	32,274,739
593 - Cemetery	28,085	—	—	—	—	—	28,085
594 - Sewer Utility	20,289,514	22,590,086	54,507,830	56,844,117	20,304,889	27,153,734	201,690,170
596 - Solid Waste	1,135,000	470,000	490,000	510,000	530,000	550,000	3,685,000
597 - Recycled Water	—	50,000	50,000	50,000	50,000	50,000	250,000
Subtotal	\$ 90,313,476	\$ 61,997,086	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 502,698,132
Total - All City Funds	\$ 136,315,555	\$ 83,538,431	\$ 132,406,869	\$ 142,313,056	\$ 79,006,669	\$ 72,589,875	\$ 646,170,455

Totals may not add up due to rounding

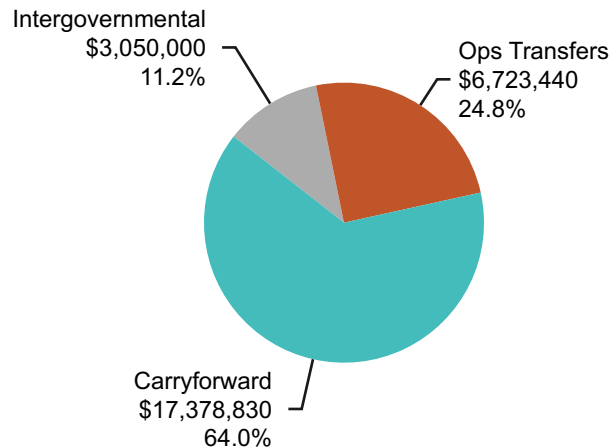
STREETS AND HIGHWAYS FUND

Summary by Category

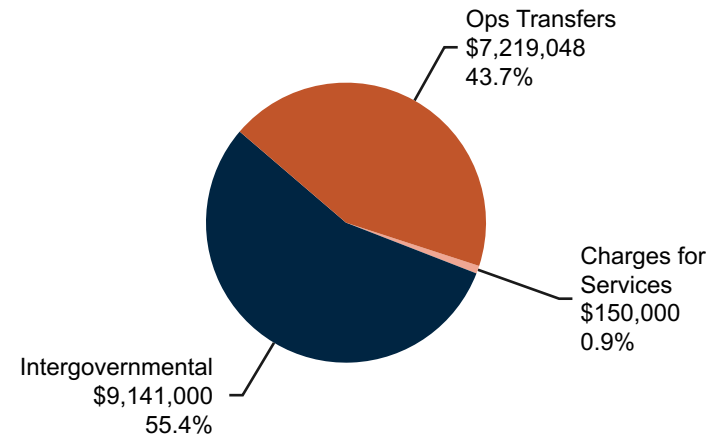
Financing Sources	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental	\$ 3,050,000	\$ 9,141,000	\$ 3,050,000	\$ 3,050,000	\$ 3,050,000	\$ 21,341,000
Charges for Services	—	150,000	—	150,000	—	300,000
Ops Transfers	6,723,440	7,219,048	5,819,957	6,921,178	6,746,722	33,430,345
Subtotal - Financing Sources	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 55,071,345
Carryforward	\$ 17,378,830	—	—	—	—	17,378,830
Total - Financing Sources	\$ 27,152,270	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175

Appropriations	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Appropriations	\$ 9,733,140	\$ 16,440,048	\$ 25,853,130	\$ 23,366,886	\$ 20,036,091	\$ 95,429,295
Salary Accounts	40,300	70,000	111,927	164,255	126,593	513,075
Subtotal - Appropriations	\$ 9,773,440	\$ 16,510,048	\$ 25,965,057	\$ 23,531,141	\$ 20,162,684	\$ 95,942,370
Less: Deferred/Unfunded	—	—	(17,095,100)	(13,409,963)	(10,365,962)	(40,871,025)
Carryforward	17,378,830	—	—	—	—	17,378,830
Total - Appropriations	\$ 27,152,270	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175

Financing Sources 2018-19



Financing Sources 2019-20



STREETS AND HIGHWAYS FUND

Financing Sources - Summary by Category

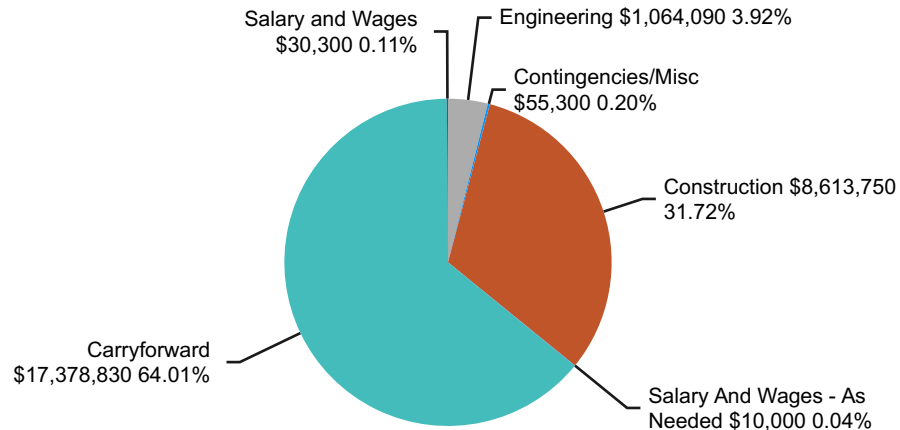
Financing Sources	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services						
Traffic Mitigation Fees	—	150,000	—	150,000	—	300,000
Subtotal	\$ —	\$ 150,000	\$ —	\$ 150,000	\$ —	\$ 300,000
Intergovernmental						
Vehicle Registration Fees	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	3,750,000
VTA Measure B	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	11,500,000
Grant Funding	—	6,091,000	—	—	—	6,091,000
Subtotal	\$ 3,050,000	\$ 9,141,000	\$ 3,050,000	\$ 3,050,000	\$ 3,050,000	\$ 21,341,000
Ops Transfers						
Trs In - Gas Tax	\$ 2,150,000	\$ 3,170,000	\$ 1,270,000	\$ 1,270,000	\$ 1,270,000	9,130,000
Trs In - Capital Proj Reserves	100,000	100,000	100,000	100,000	100,000	500,000
Trs In - Traffic Mitigation Fees	150,000	150,000	150,000	—	—	450,000
Trs In - RMRA SB 1	2,050,000	2,050,000	2,050,000	2,050,000	2,050,000	10,250,000
Distinct Trs In - Misc	80,000	65,000	65,000	65,000	65,000	340,000
Intra Trs In - Dev Contrbtns	300,000	—	—	—	—	300,000
Intra Trs In - Trfc Mit Fees	643,500	599,500	1,381,500	2,163,500	2,419,500	7,207,500
Intra Trs In - Gas Tax	1,249,940	1,084,548	803,457	1,272,678	842,222	5,252,845
Subtotal	\$ 6,723,440	\$ 7,219,048	\$ 5,819,957	\$ 6,921,178	\$ 6,746,722	\$ 33,430,345
Subtotal - Financing Sources	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 55,071,345
Carryforward Balance	17,378,830	—	—	—	—	17,378,830
Total - Financing Sources	\$ 27,152,270	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175

STREETS AND HIGHWAYS FUND

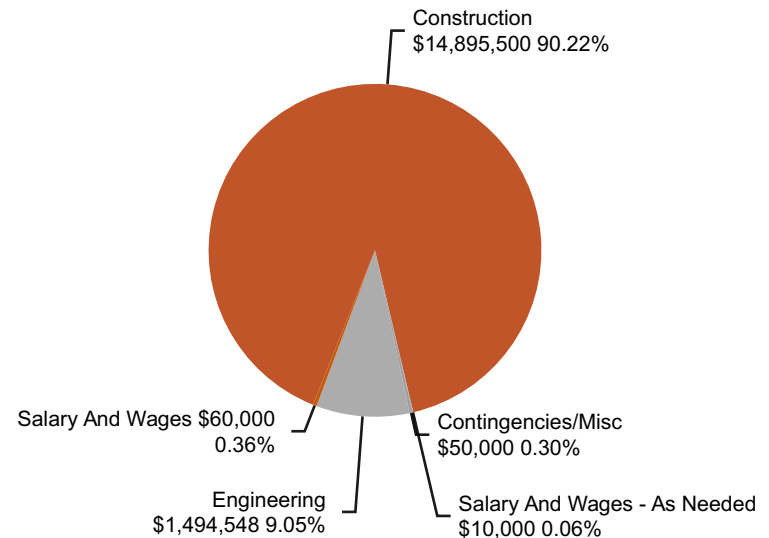
Appropriations - Summary by Category

Appropriations	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures						
Engineering	\$ 1,064,090	\$ 1,494,548	\$ 1,083,194	\$ 1,105,857	\$ 1,058,946	5,806,635
Construction	8,613,750	14,895,500	16,881,009	14,365,774	11,080,552	65,836,585
Contingencies/Misc	55,300	50,000	88,927	95,255	96,593	386,075
Unallocated - Deferred Constr	—	—	7,800,000	7,800,000	7,800,000	23,400,000
Subtotal	\$ 9,733,140	\$ 16,440,048	\$ 25,853,130	\$ 23,366,886	\$ 20,036,091	\$ 95,429,295
Salary Accounts						
Salary And Wages - Regular	\$ 30,300	\$ 60,000	\$ 101,927	\$ 154,255	\$ 116,593	463,075
Salary And Wages - As Needed	10,000	10,000	10,000	10,000	10,000	50,000
Subtotal	\$ 40,300	\$ 70,000	\$ 111,927	\$ 164,255	\$ 126,593	\$ 513,075
Subtotal - Appropriations	\$ 9,773,440	\$ 16,510,048	\$ 25,965,057	\$ 23,531,141	\$ 20,162,684	\$ 95,942,370
Less: Deferred/Unfunded	—	—	(17,095,100)	(13,409,963)	(10,365,962)	(40,871,025)
Carryforward Balance	17,378,830	—	—	—	—	17,378,830
Total - Appropriations	\$ 27,152,270	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 72,450,175

Appropriations 2018-19



Appropriations 2019-20



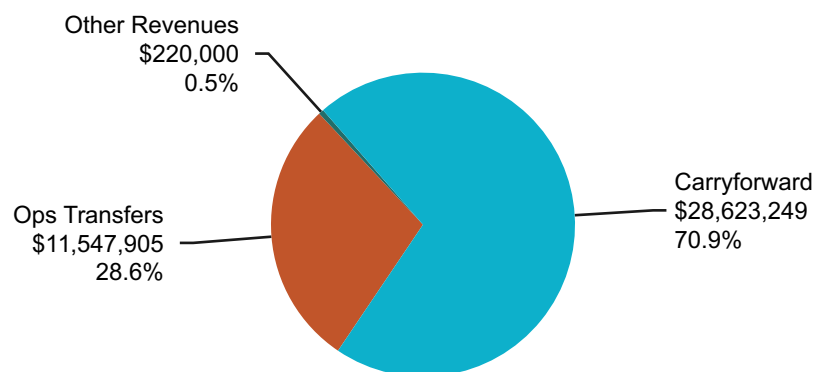
GENERAL GOVERNMENT FUNDS

Summary by Category

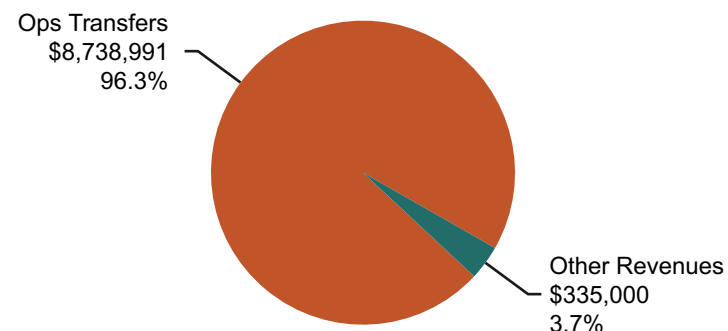
Financing Sources	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Ops Transfers	\$ 11,547,905	\$ 8,738,991	\$ 14,728,982	\$ 3,660,602	\$ 2,802,419	\$ 41,478,899
Other Revenues	220,000	335,000	120,000	120,000	125,000	920,000
Subtotal - Financing Sources	\$ 11,767,905	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 42,398,899
Carryforward	\$ 28,623,249	—	—	—	—	\$ 28,623,249
Total - Financing Sources	\$ 40,391,154	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 71,022,148

Appropriations	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Appropriations	\$ 11,707,905	\$ 8,720,000	\$ 51,115,000	\$ 23,400,000	\$ 15,765,000	\$ 110,707,905
Salary Accounts	60,000	353,991	1,038,982	655,602	332,419	2,440,994
Subtotal - Appropriations	\$ 11,767,905	\$ 9,073,991	\$ 52,153,982	\$ 24,055,602	\$ 16,097,419	\$ 113,148,899
Less: Deferred/Unfunded	—	—	(37,305,000)	(20,275,000)	(13,170,000)	(70,750,000)
Carryforward	28,623,249	—	—	—	—	28,623,249
Total - Appropriations	\$ 40,391,154	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 71,022,148

Financing Sources 2018-19



Financing Sources 2019-20



GENERAL GOVERNMENT FUNDS

Financing Sources - Summary by Category

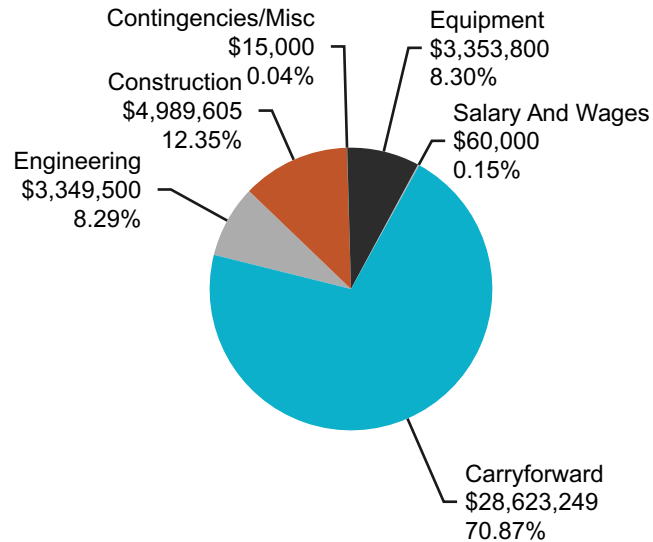
Financing Sources	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Ops Transfers						
Trs In - Auto	\$ 17,300	\$ —	\$ —	\$ —	\$ —	17,300
Trs In - Cemetery	3,727	2,459	55,210	4,266	1,754	67,416
Trs In - Solid Waste	5,603	45,159	552,659	62,547	38,375	704,343
Trs In - Storm Drain	—	1,000	1,000	1,000	1,000	4,000
Trs In - Sewer	49,364	81,642	309,926	89,464	78,591	608,987
Trs In - Water	110,880	145,748	816,049	168,714	136,788	1,378,179
Trs In - Electric	157,484	583,540	2,547,148	650,816	557,292	4,496,280
Trs In - Capital Proj Reserves	9,802,724	7,663,586	9,740,979	2,306,283	1,927,308	31,440,880
Trs In - Bldg Insp Reserves	450,823	15,857	356,011	27,512	11,311	861,514
Trs In - Land Sale Reserves	400,000	—	—	—	—	400,000
Intra Trs In - Dev Contrbts	400,000	200,000	50,000	200,000	50,000	900,000
Intra Trs In - Cust Svc Chrg	150,000	—	300,000	150,000	—	600,000
Subtotal	\$ 11,547,905	\$ 8,738,991	\$ 14,728,982	\$ 3,660,602	\$ 2,802,419	\$ 41,478,899
Other Revenues						
Quimby Act Fees	\$ 20,000	\$ 135,000	\$ 120,000	\$ 120,000	\$ 125,000	520,000
Mitigation Fee Act Fees	200,000	200,000	—	—	—	400,000
Donations	—	—	—	—	—	—
Subtotal	\$ 220,000	\$ 335,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 920,000
Subtotal - Financing Sources	\$ 11,767,905	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 42,398,899
Carryforward Balance	28,623,249	—	—	—	—	28,623,249
Total - Financing Sources	\$ 40,391,154	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 71,022,148

GENERAL GOVERNMENT FUNDS

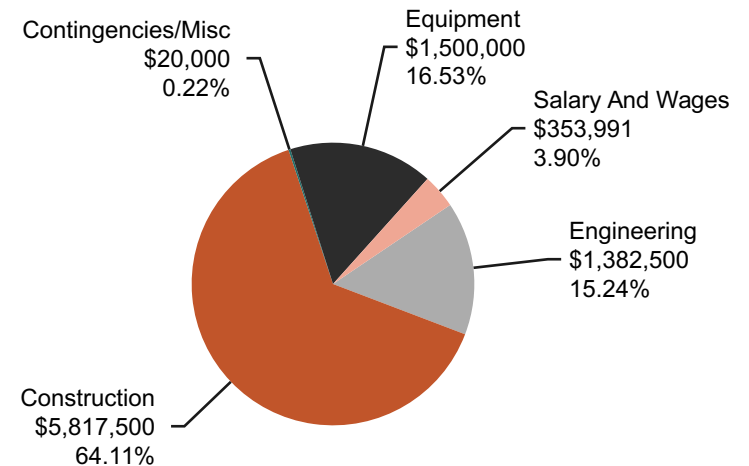
Appropriations - Summary by Category

Appropriations	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures						
Engineering	\$ 3,349,500	\$ 1,382,500	\$ 4,052,500	\$ 5,822,500	\$ 1,817,500	\$ 16,424,500
Construction	4,989,605	5,817,500	34,207,500	15,137,500	12,452,500	72,604,605
Contingencies/Misc	15,000	20,000	2,440,000	520,000	715,000	3,710,000
Equipment	3,353,800	1,500,000	10,415,000	1,920,000	780,000	17,968,800
Subtotal	\$ 11,707,905	\$ 8,720,000	\$ 51,115,000	\$ 23,400,000	\$ 15,765,000	\$ 110,707,905
Salary Accounts						
Salary And Wages - Regular	\$ 60,000	\$ 353,991	\$ 1,038,982	\$ 655,602	\$ 332,419	\$ 2,440,994
Subtotal	\$ 60,000	\$ 353,991	\$ 1,038,982	\$ 655,602	\$ 332,419	\$ 2,440,994
Subtotal - Appropriations	\$ 11,767,905	\$ 9,073,991	\$ 52,153,982	\$ 24,055,602	\$ 16,097,419	\$ 113,148,899
Less: Deferred/Unfunded	—	—	(37,305,000)	(20,275,000)	(13,170,000)	(70,750,000)
Carryforward Balance	28,623,249	—	—	—	—	28,623,249
Total - Appropriations	\$ 40,391,154	\$ 9,073,991	\$ 14,848,982	\$ 3,780,602	\$ 2,927,419	\$ 71,022,148

Appropriations 2018-19



Appropriations 2019-20



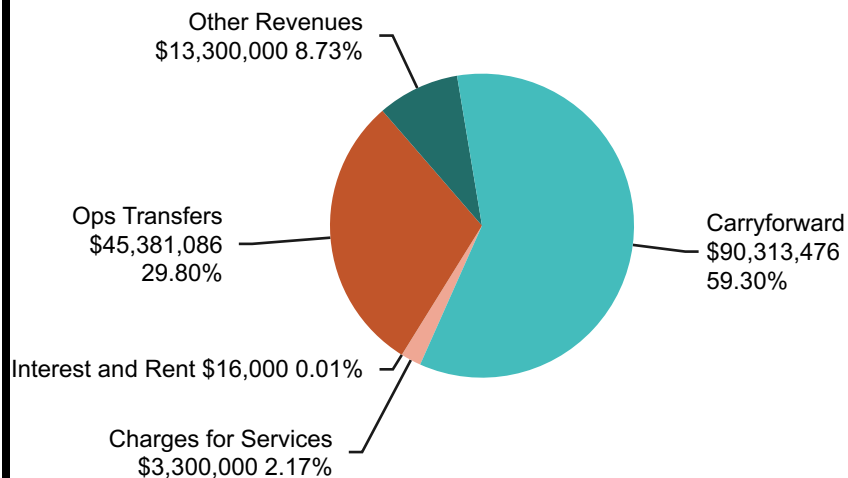
ENTERPRISE FUNDS

Summary by Category

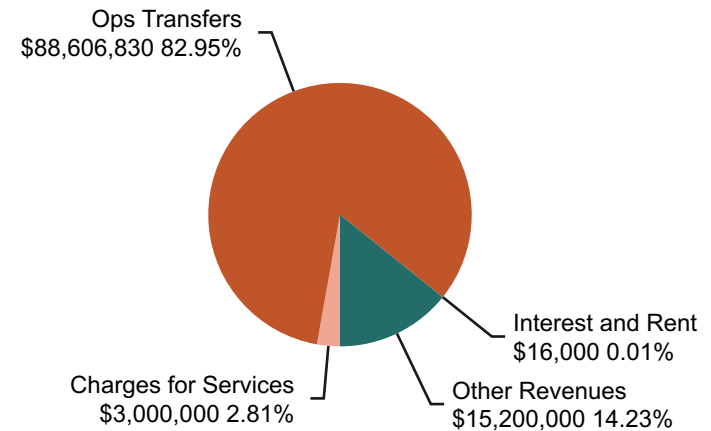
Financing Sources	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services	\$ 3,300,000	\$ 3,000,000	\$ 3,000,000	\$ 4,410,000	\$ 3,000,000	\$ 16,710,000
Interest and Rent	16,000	16,000	16,000	16,000	15,000	79,000
Ops Transfers	45,381,086	88,606,830	93,728,117	53,878,889	51,900,734	333,495,656
Other Revenues	13,300,000	15,200,000	21,850,000	6,800,000	4,950,000	62,100,000
Subtotal - Financing Sources	\$ 61,997,086	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 412,384,656
Carryforward	\$ 90,313,476	\$ —	\$ —	\$ —	\$ —	\$ 90,313,476
Total - Financing Sources	\$ 152,310,562	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 502,698,132

Appropriations	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Appropriations	\$ 61,472,636	\$ 106,300,230	\$ 118,053,367	\$ 64,456,989	\$ 59,312,234	\$ 409,595,456
Salary Accounts	524,450	522,600	540,750	647,900	553,500	2,789,200
Subtotal - Appropriations	\$ 61,997,086	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 412,384,656
Carryforward	90,313,476	—	—	—	—	90,313,476
Total - Appropriations	\$ 152,310,562	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 502,698,132

Financing Sources 2018-19



Financing Sources 2019-20



ENTERPRISE FUNDS

Financing Sources - Summary by Category

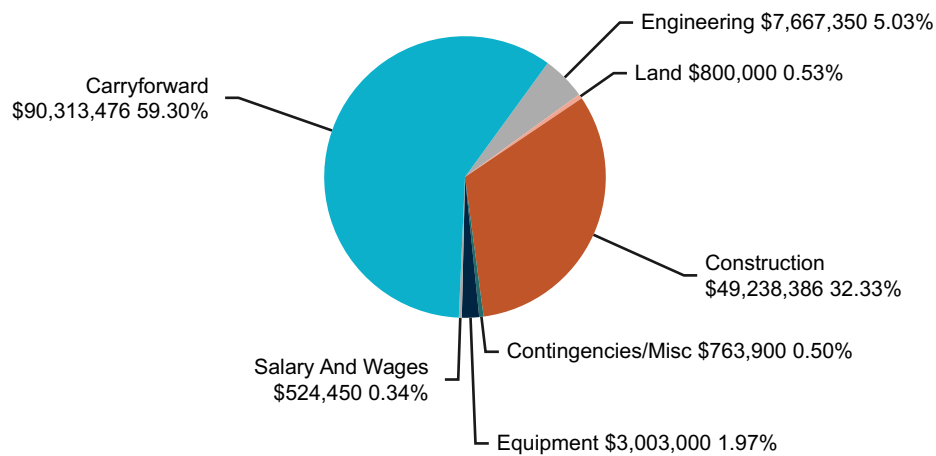
Financing Sources	2018-19		2019-20		2020-21		2021-22		2022-23		Total
Charges for Services											
Sewer Conveyance Fees	\$	3,000,000	\$	3,000,000	\$	3,000,000	\$	4,110,000	\$	3,000,000	\$ 16,110,000
Sewer Modeling Fees		300,000		—		—		300,000		—	600,000
Subtotal	\$	3,300,000	\$	3,000,000	\$	3,000,000	\$	4,410,000	\$	3,000,000	\$ 16,710,000
Interest and Rent											
Lease Revenues	\$	16,000	\$	16,000	\$	16,000	\$	16,000	\$	15,000	\$ 79,000
Subtotal	\$	16,000	\$	16,000	\$	16,000	\$	16,000	\$	15,000	\$ 79,000
Ops Transfers											
Trs In - Solid Waste	\$	—	\$	129,000	\$	182,750	\$	182,750	\$	—	\$ 494,500
Trs In - Storm Drain		—		6,000		8,500		8,500		—	23,000
Trs In - Sewer		880,000		821,000		936,000		891,000		500,000	4,028,000
Trs In - Water		450,000		437,000		335,750		335,750		—	1,558,500
Intra Trs In - Debt Financing		—		25,000,000		25,000,000		10,000,000		—	60,000,000
Intra Trs In - Cust Srv Chrg		42,990,086		61,838,830		66,835,117		41,970,889		50,843,734	264,478,656
Intra Trs In - Electric Fiber		1,061,000		375,000		430,000		490,000		557,000	2,913,000
Subtotal	\$	45,381,086	\$	88,606,830	\$	93,728,117	\$	53,878,889	\$	51,900,734	\$ 333,495,656
Other Revenues											
Connection Charges	\$	1,500,000	\$	1,500,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$ 6,000,000
Developer Contributions		11,800,000		13,700,000		20,850,000		5,800,000		3,950,000	56,100,000
Subtotal	\$	13,300,000	\$	15,200,000	\$	21,850,000	\$	6,800,000	\$	4,950,000	\$ 62,100,000
Subtotal - Financing Sources	\$	61,997,086	\$	106,822,830	\$	118,594,117	\$	65,104,889	\$	59,865,734	\$ 412,384,656
Carryforward Balance		90,313,476		—		—		—		—	90,313,476
Total - Financing Sources	\$	152,310,562	\$	106,822,830	\$	118,594,117	\$	65,104,889	\$	59,865,734	\$ 502,698,132

ENTERPRISE FUNDS

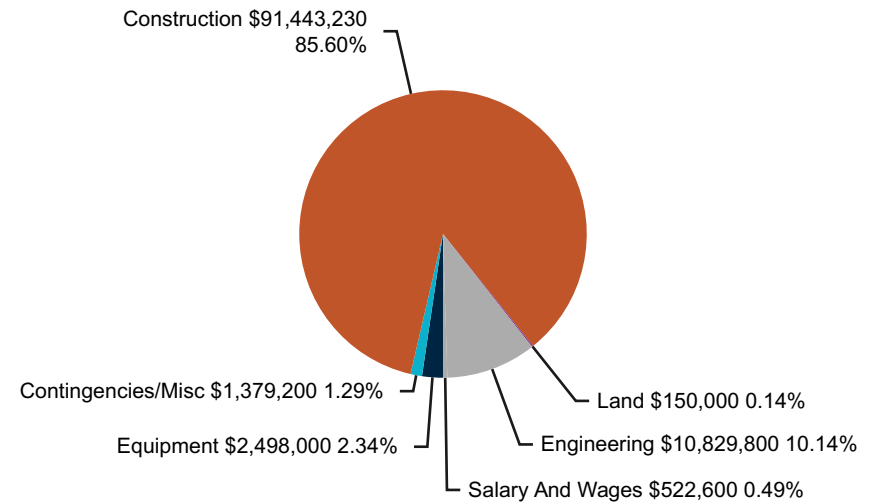
Appropriations - Summary by Category

Appropriations	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures						
Engineering	\$ 7,667,350	\$ 10,829,800	\$ 5,957,250	\$ 6,697,700	\$ 4,055,750	\$ 35,207,850
Land	800,000	150,000	—	—	—	950,000
Construction	49,238,386	91,443,230	89,998,617	47,723,489	47,824,484	326,228,206
Contingencies/Misc	763,900	1,379,200	1,634,500	1,872,800	934,000	6,584,400
Equipment	3,003,000	2,498,000	20,463,000	8,163,000	6,498,000	40,625,000
Subtotal	\$ 61,472,636	\$ 106,300,230	\$ 118,053,367	\$ 64,456,989	\$ 59,312,234	\$ 409,595,456
Salary Accounts						
Salary And Wages - Regular	\$ 524,450	\$ 522,600	\$ 540,750	\$ 647,900	\$ 553,500	\$ 2,789,200
Subtotal	\$ 524,450	\$ 522,600	\$ 540,750	\$ 647,900	\$ 553,500	\$ 2,789,200
Subtotal - Appropriations	\$ 61,997,086	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 412,384,656
Carryforward Balance	90,313,476	—	—	—	—	90,313,476
Total - Appropriations	\$ 152,310,562	\$ 106,822,830	\$ 118,594,117	\$ 65,104,889	\$ 59,865,734	\$ 502,698,132

Appropriations 2018-19



Appropriations 2019-20



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City of Santa Clara

The Center of What's Possible

Streets and Highways Fund

- **Fund 533 – Streets and Highways**



City of Santa Clara

The Center of What's Possible

Fund 533 Streets and Highways

FUND 533 - STREETS AND HIGHWAYS

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services							
Traffic Mitigation Fee	\$ 5,485,836	\$ —	\$ 150,000	\$ —	\$ 150,000	\$ —	\$ 5,785,836
Subtotal	\$ 5,485,836	\$ —	\$ 150,000	\$ —	\$ 150,000	\$ —	\$ 5,785,836
Intergovernmental							
Vehicle Registration Fees	\$ 3,102,500	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 6,852,500
VTA Measure B	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000
Grant Funding	5,028,276	—	6,091,000	—	—	—	11,119,276
Subtotal	\$ 10,430,776	\$ 3,050,000	\$ 9,141,000	\$ 3,050,000	\$ 3,050,000	\$ 3,050,000	\$ 31,771,776
Op Transfers							
Trs In - Gas Tax	\$ 1,908,500	\$ 2,150,000	\$ 3,170,000	\$ 1,270,000	\$ 1,270,000	\$ 1,270,000	\$ 11,038,500
Trs In - Water	250,000	—	—	—	—	—	250,000
Trs In - Capital Proj Reserves	1,743,000	100,000	100,000	100,000	100,000	100,000	2,243,000
Trs In - Traffic Mitigation Fees	831,832	150,000	150,000	150,000	—	—	1,281,832
Trs In - RMRA SB 1	—	2,050,000	65,000	2,050,000	2,050,000	2,050,000	10,250,000
Distinct Trs In - Misc	627,644	80,000	2,050,000	65,000	65,000	65,000	967,644
Intra Trs In - Miscellaneous	3,620,737	—	—	—	—	—	3,620,737
Intra Trs In - Dev Contrbtns	1,247,725	300,000	—	—	—	—	1,547,725
Intra Trs In - Trfc Mit Fees	2,129,857	643,500	599,500	1,381,500	2,163,500	2,419,500	9,337,357
Intra Trs In - Gas Tax	19,628,717	1,249,940	1,084,548	803,457	1,272,678	842,222	24,881,562
Subtotal	\$ 31,988,012	\$ 6,723,440	\$ 7,219,048	\$ 5,819,957	\$ 6,921,178	\$ 6,746,722	\$ 65,418,357
Other Revenues							
Developer Contributions	\$ 5,503,099	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,503,099
Subtotal	\$ 5,503,099	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,503,099
Total Financing Sources	\$ 53,407,723	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 108,479,068

* Amount represents cumulative appropriations since project inception.

FUND 533 - STREETS AND HIGHWAYS

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 2,798,677	\$ 1,064,090	\$ 1,494,548	\$ 1,083,194	\$ 1,105,857	\$ 1,058,946	\$ 8,605,312
Land	3,075,000	—	—	—	—	—	3,075,000
Construction	44,001,995	8,613,750	14,895,500	16,881,009	14,365,774	11,080,552	109,838,580
Contingency	1,528,783	55,300	50,000	88,927	95,255	96,593	1,914,858
Srvc From Other Funds-Alloc OH	9,661	—	—	—	—	—	9,661
Equipment	23,088	—	—	—	—	—	23,088
Salary And Wages	1,936,228	30,300	60,000	101,927	154,255	116,593	2,399,303
Salary And Wages - As Needed	30,000	10,000	10,000	10,000	10,000	10,000	80,000
Srvc From Othr Funds-Alloc Ben	4,291	—	—	—	—	—	4,291
Unallocated - Deferred Constr	—	—	—	7,800,000	7,800,000	7,800,000	23,400,000
Subtotal Appropriations	\$ 53,407,723	\$ 9,773,440	\$ 16,510,048	\$ 25,965,057	\$ 23,531,141	\$ 20,162,684	\$ 149,350,093
Less: Deferred/Unfunded**	—	—	—	(17,095,100)	(13,409,963)	(10,365,962)	(40,871,025)
Total Appropriations	\$ 53,407,723	\$ 9,773,440	\$ 16,510,048	\$ 8,869,957	\$ 10,121,178	\$ 9,796,722	\$ 108,479,068
Operating Impact	\$	—	\$	—	\$	—	\$

FUTURE PROJECTS

Description	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 6,260,000	\$ 6,780,000	\$ 6,820,000	\$ 19,860,000
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 533 - STREETS AND HIGHWAYS

PROJECT SUMMARY

Project Type*	Project ID	Project Title	Prior Years Appropriations	Prior Years Expenditures	Carryforward Balance	2018-19 Appropriations	Total Available Appropriations
Distinct	1201	Creek Trail Network Expansion Master Plan	\$ 587,500	\$ 87,500	\$ 500,000	\$ —	\$ 500,000
Distinct	1202	Agnew Road At-Grade Crossing	573,750	573,750	—	—	—
Ongoing	1203	Annual Creek Trail Rehabilitation Program	100,000	—	100,000	100,000	200,000
Distinct	1204	Saratoga Creek Trail (Homeridge Park to Central Park)	1,750,000	1,040,000	710,000	—	710,000
Distinct	1205	Pepper Tree Neighborhood Traffic Calming Study	100,000	8,000	92,000	—	92,000
Distinct	1206	Bicycle Lane Improvements on Pruneridge Avenue at Lawrence Expressway	460,000	30,000	430,000	—	430,000
Distinct	1207	Lick Mill Blvd Signal Timing	480,000	—	480,000	—	480,000
Distinct	1208	Homestead Road Signal Timing	600,000	—	600,000	—	600,000
Distinct	1209	Agnew Road/De La Cruz Blvd Signal Timing	695,000	—	695,000	—	695,000
Distinct	1210	Mission College Bike Lanes Project	375,000	—	375,000	—	375,000
Ongoing	1211	Neighborhood Traffic Calming	1,307,252	1,307,252	—	—	—
Ongoing	1212	LED Traffic Signal & Safety Light Replacements	1,000,000	700,000	300,000	—	300,000
Distinct	1213	Annexed Neighborhood Street Improvements	1,500,000	35,564	1,464,436	—	1,464,436
Distinct	1214	Coleman Avenue Widening	190,000	203	189,797	—	189,797
Ongoing	1215	Sidewalk Installation Program	189,579	75,517	114,062	—	114,062
Ongoing	1216	Traffic Studies and Signal Needs Assessment/ Upgrade	500,000	375,819	124,181	—	124,181
Ongoing	1217	Central Control Traffic Signal Upgrade	800,649	404,738	395,911	206,000	601,911
Ongoing	1218	Traffic Pre-Emptors	845,259	579,259	266,000	—	266,000
Ongoing	1219	Traffic Signal Enhancements	800,000	477,000	323,000	—	323,000
Ongoing	1220	Pedestrian and Bicycle Enhancement Facilities	350,137	170,137	180,000	300,000	480,000
Distinct	1221	Traffic Monitoring at Various Locations - Phase "C"	287,000	105,938	181,062	37,500	218,562
Ongoing	1222	Citywide Accessible Pedestrian Signal Installation	100,000	100,000	—	100,000	100,000
Ongoing	1223	Traffic Signal Controller Replacement	108,261	—	108,261	—	108,261
Distinct	1224	Replacement of Traffic Signals in ECR-Lafayette St.-Newhall St.-Scott Blvd. Area	1,720,000	—	1,720,000	—	1,720,000
Ongoing	1225	Santa Clara Valley Transportation Authority - Congestion Management Program	237,623	237,623	—	245,940	245,940
Ongoing	1226	Uncontrolled Crosswalks Improvements	2,310,000	2,310,000	—	934,000	934,000
Distinct	1227	Changeable Message Signs	1,585,000	1,585,000	—	400,000	400,000
Ongoing	1228	Replacement of Underground Traffic Signal Infrastructure	161,640	111,640	50,000	—	50,000
Distinct	1229	Traffic Signal Installation – Pruneridge Ave/Cronin Dr Intersection	650,000	45,000	605,000	—	605,000
Ongoing	1230	Public Right-of-Way Landscaping Improvement	1,893,000	1,583,434	309,566	—	309,566

FUND 533 - STREETS AND HIGHWAYS

PROJECT SUMMARY

Project Type*	Project ID	Project Title	Prior Years Appropriations	Prior Years Expenditures	Carryforward Balance	2018-19 Appropriations	Total Available Appropriations
Distinct	1231	Santa Clara Various Streets and Roads Preservation (OBAG 2)	—	—	—	—	—
Distinct	1232	Traffic Signal Interconnect Upgrade	—	—	—	—	—
Distinct	1233	Pedestrian Master Plan	279,214	279,214	—	—	—
Distinct	1234	Travel Demand Model Update	—	—	—	—	—
Ongoing	1235	Annual Street Maintenance and Rehabilitation Program	14,982,467	12,682,467	2,300,000	6,500,000	8,800,000
Distinct	1236	Traffic Signal Modification - El Camino-Lafayette	1,330,000	1,330,000	—	—	—
Distinct	1237	MCB/GAP Intersection Improvement Project	8,299,436	8,299,436	—	—	—
Distinct	1238	Pedestrian Crosswalk Sensors	—	—	—	150,000	150,000
Distinct	1239	Adaptive Signal System	—	—	—	350,000	350,000
Ongoing	1240	Annual Curb Ramp Installation	—	—	242,960	—	242,960
Ongoing	1325	Bridge Maintenance Program	627,644	508,644	119,000	80,000	199,000
Ongoing	1357	Traffic Signal Controller Upgrade	952,500	301,628	650,872	—	650,872
Distinct	1370	Pedestrian and Bicycle Access to Central Park	150,000	137,000	13,000	—	13,000
Distinct	1374	Stevens Creek Boulevard Bus Priority Project	66,800	66,800	—	—	—
Distinct	1376	Vehicle Emissions Reductions Based in School (VERBS) Phase 2	565,000	3,191	561,809	—	561,809
Distinct	1378	Bicycle and Pedestrian Improvements	298,012	—	298,012	—	298,012
Distinct	1379	Bicycle Plan	75,000	20,000	55,000	—	55,000
Ongoing	1382	Sidewalk, Curb and Gutter Repair	560,000	550,000	10,000	370,000	380,000
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	40,099	459,901	—	459,901
Distinct	1390	Lafayette Street Signal Timing Project	750,000	60,000	690,000	—	690,000
Distinct	1391	Bowers Avenue Signal Timing Project	850,000	50,000	800,000	—	800,000
Distinct	1392	SRTS Pedestrian Infrastructure Improvements Project	365,000	—	365,000	—	365,000
Total			\$ 53,407,723	\$ 36,271,853	\$ 17,378,830	\$ 9,773,440	\$ 27,152,270

* A project with no prior year appropriations used to be a work order project or is 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 2017-18	\$	87,500
Estimated Carryforward into 2018-19	\$	500,000
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Gas Tax	\$ 296,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 296,000
Intra Trs In - Trfc Mit Fees	291,500	—	—	—	—	—	291,500
Total	\$ 587,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 587,500
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 587,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 587,500
Subtotal	\$ 587,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 587,500
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 587,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 587,500
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1202 **Agnew Road At-Grade Crossing**

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Agnew Road at the crossing with Union Pacific Railroad, near Bassett Street and Lafayette Street

Estimated Expenditures through 2017-18	\$	573,750
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: This project is federally funded by the Section 130 Railroad/Highway At-Grade Crossing Program to improve safety at railroad crossings. The City received final recommendations from the CPUC which includes work to be performed by both the City and Union Pacific Railroad (UPRR). The City's scope of work generally includes reconstruction and installation of concrete sidewalks, tactile warning strips at the sidewalks crossing the railroad tracks, pedestrian curb ramps, traffic striping and adjustment of existing utilities in City right-of-way and railroad right-of-way. The UPRR's scope of work generally includes replacement of railroad crossing warning devices (flashing light assemblies and automatic gate arms) and concrete panel surfacing at the railroad tracks. This CIP Project is to complete the City's portion of the improvements.

Justification: The identified improvements will improve safety of the railroad crossing.

Duration: Q3 2018 to Q3 2020

Status:

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$ 573,750	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 573,750
Total	\$ 573,750	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 573,750
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 573,750	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 573,750
Subtotal	\$ 573,750	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 573,750
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 573,750	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 573,750
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	100,000
Total Available Appropriations	\$	200,000

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. The Deferred/Unfunded amount shown in FY 2020-21 represents the budget necessary to rehabilitate the following segments of the San Tomas Aquino Creek Trail: 1) Access Ramp north of SR 237; 2) Between Old Mountain View-Alviso Road and Great America Parkway; 3) Between Great America Parkway and Tasman Drive; and 4) Between Highway 101 and Scott Blvd.

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

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 100,000	\$ 100,000	\$ 1,500,000
Subtotal	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 100,000	\$ 100,000	\$ 1,500,000
Less Deferred/Unfunded		—	—	(900,000)	—	—	(900,000)
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q2 2020

Status: CEQA study completed 2016. Design phase underway. Anticipated construction to begin 2020 contingent upon permitting and receipt of OBAG II grant funding.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	1,040,000
Estimated Carryforward into 2018-19	\$	710,000
Total Available Appropriations	\$	710,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Dev								
Contrbtns	\$	1,750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,750,000
Total	\$	1,750,000	\$ —	\$ 3,735,000	\$ —	\$ —	\$ —	\$ 5,485,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	700,000	\$ —	\$ 625,000	\$ —	\$ —	\$ —	\$ 1,325,000
Construction		880,000	—	3,110,000	—	—	—	3,990,000
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 Development Agreement for the Gallery Residential Development.

Duration: Q1 2018 to Q2 2019

Status: Pre and post studies completed.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	8,000
Estimated Carryforward into 2018-19	\$	92,000
Total Available Appropriations	\$	92,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Dev								
Contrbtns	\$	100,000	\$ —	\$ —	\$ —	\$ —	\$ —	100,000
Total	\$	100,000	\$ —	\$ —	\$ —	\$ —	\$ —	100,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	35,000	\$ —	\$ —	\$ —	\$ —	\$ —	35,000
Construction		55,000	—	—	—	—	—	55,000
Contingencies/Misc		10,000	—	—	—	—	—	10,000
Subtotal	\$	100,000	\$ —	\$ —	\$ —	\$ —	\$ —	100,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	100,000	\$ —	\$ —	\$ —	\$ —	\$ —	100,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1206 **Bicycle Lane Improvements on Pruneridge Avenue at Lawrence Expressway**

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Pruneridge Avenue at Lawrence Expressway

Description: Complete bicycle lanes on eastbound and westbound Pruneridge Avenue at the intersection with Lawrence Expressway, and install a left turn pocket on eastbound Pruneridge Avenue to Harvard Avenue.

Justification: Project approved by City Council based upon a petition from the public.

Duration: Q1 2018 to Q3 2020

Status: Conceptual design approved by City Council in July 2017. Right-of-way acquisition phase underway, and future design and construction contingent upon acquisition of necessary right-of-way.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	30,000
Estimated Carryforward into 2018-19	\$	430,000
Total Available Appropriations	\$	430,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Dev								
Contrbtns	\$	460,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 460,000
Total	\$	460,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 460,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	460,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 460,000
Subtotal	\$	460,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 460,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	460,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 460,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1207 Lick Mill Blvd Signal Timing
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Lick Mill Blvd between Montague Expressway and Tasman Drive

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	480,000
Total Available Appropriations	\$	480,000

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 2018 to Q2 2019
Status: Design started early 2018. Construction phase expected to begin Fall 2018.
Department/Contact: Dennis Ng

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$	166,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 166,000
Intra Trs In - Miscellaneous		314,000	—	—	—	—	—	314,000
Total	\$	480,000	—	—	—	—	—	480,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Construction		390,000	—	—	—	—	—	390,000
Contingencies/Misc		40,000	—	—	—	—	—	40,000
Subtotal	\$	480,000	—	—	—	—	—	480,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	480,000	—	—	—	—	—	480,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1208 **Homestead Road Signal Timing**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Homestead Road between Lafayette Street and San Tomas Expressway

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 2018 to Q2 2019

Status: Design started early 2018. Construction phase expected to begin Fall 2018.

Department/Contact: Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	600,000
Total Available Appropriations	\$	600,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Intra Trs In - Miscellaneous	300,000	—	—	—	—	—	300,000
Total	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 65,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 65,000
Construction	485,000	—	—	—	—	—	485,000
Contingencies/Misc	50,000	—	—	—	—	—	50,000
Subtotal	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 600,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 600,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1209 Agnew Road/De La Cruz Blvd Signal Timing

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Agnew Road from Lafayette St to Montague Expwy; De La Cruz Blvd from Montague Expwy to Trimble Rd.

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 2018 to Q4 2019

Status: Design started Spring 2018. Construction phase expected to start Fall 2018.

Department/Contact: Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	695,000
Total Available Appropriations	\$	695,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$	220,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 220,000
Intra Trs In - Miscellaneous		475,000	—	—	—	—	—	475,000
Total	\$	695,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 695,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	90,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 90,000
Construction		545,000	—	—	—	—	—	545,000
Contingencies/Misc		60,000	—	—	—	—	—	60,000
Subtotal	\$	695,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 695,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	695,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 695,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1210 **Mission College Bike Lanes Project**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Mission College Blvd from Great America Parkway to Wildwood Avenue in Sunnyvale

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	375,000
Total Available Appropriations	\$	375,000

Description: Add Class II bicycle facility to close the gap between existing Class II bicycle lanes on both Mission College Boulevard east of Great America Parkway and Wildwood Avenue in City of Sunnyvale.

Justification: New Class II bicycle facility will provide the much-needed east-west corridor connection between Lawrence Expressway and San Tomas/Montague Expressway north of U.S. Highway 101 for bicycle commuters. It will also provide a direct link for bicyclists from residential areas in Sunnyvale to destinations in Santa Clara such as Mission College Campus, Great America Theme Park, Levi's Stadium, and the Mercado Mall.

Duration: Q3 2018 to Q4 2019

Status: Design started Spring 2018. Construction phase expected to begin Fall 2018.

Department/Contact: Dennis Ng

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding							
	\$ 109,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 109,500
Intra Trs In - Miscellaneous	265,500	—	—	—	—	—	265,500
Total	\$ 375,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 375,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 40,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 40,000
Construction	305,000	—	—	—	—	—	305,000
Contingencies/Misc	30,000	—	—	—	—	—	30,000
Subtotal	\$ 375,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 375,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 375,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 375,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1211 **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 2017-18	\$	1,307,252
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Gas Tax	\$ 1,307,252	\$ —	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,757,252
Total	\$ 1,307,252	\$ —	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,757,252
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 153,718	\$ —	\$ —	\$ 10,000	10,000	10,000	\$ 183,718
Construction	963,534	—	—	120,000	120,000	120,000	1,323,534
Contingencies/Misc	73,910	—	—	10,000	10,000	10,000	103,910
Salary And Wages - Regular	116,090	—	—	10,000	10,000	10,000	146,090
Subtotal	\$ 1,307,252	\$ —	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,757,252
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,307,252	\$ —	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,757,252
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 1462

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1212 **LED Traffic Signal & Safety Light Replacements**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

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 which have a 10-year life cycle.

Duration: Q3 2008 to Ongoing

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

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	700,000
Estimated Carryforward into 2018-19	\$	300,000
Total Available Appropriations	\$	300,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Gas Tax	\$ 1,000,000	\$ —	\$ 400,000	\$ —	\$ 400,000	\$ —	\$ 1,800,000
Total	\$ 1,000,000	\$ —	\$ 400,000	\$ —	\$ 400,000	\$ —	\$ 1,800,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 768,409	\$ —	\$ 360,000	\$ —	\$ 360,000	\$ —	\$ 1,488,409
Equipment	23,088	—	—	—	—	—	23,088
Salary And Wages - Regular	208,503	—	40,000	—	40,000	—	288,503
Subtotal	\$ 1,000,000	\$ —	\$ 400,000	\$ —	\$ 400,000	\$ —	\$ 1,800,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,000,000	\$ —	\$ 400,000	\$ —	\$ 400,000	\$ —	\$ 1,800,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 1464

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1213 **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.

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: Q1 2021 to Q2 2023

Status: Design to start January 2020, contingent upon available funding.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	35,564
Estimated Carryforward into 2018-19	\$	1,464,436
Total Available Appropriations	\$	1,464,436

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Gas Tax	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
Total	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 162,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 162,000
Construction	900,000	—	—	1,000,000	2,350,000	—	4,250,000
Contingencies/Misc	180,000	—	—	—	—	—	180,000
Salary And Wages - Regular	258,000	—	—	—	—	—	258,000
Subtotal	\$ 1,500,000	\$ —	\$ —	\$ 1,000,000	\$ 2,350,000	\$ —	\$ 4,850,000
Less Deferred/Unfunded		—	—	(1,000,000)	(2,350,000)	—	(3,350,000)
Total	\$ 1,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,500,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 1516

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1214 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 2017-18	\$	203
Estimated Carryforward into 2018-19	\$	189,797
Total Available Appropriations	\$	189,797

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$	1,668	\$ —	\$ —	\$ —	\$ —	\$ —	1,668
Trs In - Traffic Mtigation Fees		74,332	—	—	—	—	—	74,332
Intra Trs In - Miscellaneous		114,000	—	—	—	—	—	114,000
Total	\$	190,000	\$ —	\$ —	\$ —	\$ —	\$ —	190,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	170,000	\$ —	\$ —	\$ —	\$ —	\$ —	170,000
Contingencies/Misc		10,000	—	—	—	—	—	10,000
Salary And Wages - Regular		10,000	—	—	—	—	—	10,000
Subtotal	\$	190,000	\$ —	\$ —	\$ —	\$ —	\$ —	190,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	190,000	\$ —	\$ —	\$ —	\$ —	\$ —	190,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

* This project was moved from Fund 525 - Project 2624

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1215 Sidewalk Installation Program

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Various locations throughout the City

Description: Install missing sidewalks in the industrial areas and in residential areas 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.

Duration: Q1 1999 to Ongoing

Status: Industrial sidewalk installation program is on hold pending funding availability. Residential sidewalk installation program is future work pending funding availability.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	75,517
Estimated Carryforward into 2018-19	\$	114,062
Total Available Appropriations	\$	114,062

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$ 75,832	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,832
Intra Trs In - Miscellaneous	113,747	—	—	—	—	—	113,747
Total	\$ 189,579	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 189,579
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 154,936	\$ —	\$ —	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,054,936
Contingencies/Misc	24,643	—	—	—	—	—	24,643
Salary And Wages - Regular	10,000	—	—	—	—	—	10,000
Subtotal	\$ 189,579	\$ —	\$ —	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,089,579
Less Deferred/Unfunded		—	—	(300,000)	(300,000)	(300,000)	(900,000)
Total	\$ 189,579	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 189,579
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2631

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1216 **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 2017-18	\$	375,819
Estimated Carryforward into 2018-19	\$	124,181
Total Available Appropriations	\$	124,181

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$ 220,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 220,000
Intra Trs In - Miscellaneous	180,000	—	—	—	—	—	180,000
Intra Trs In - Trfc Mit Fees	100,000	—	—	—	100,000	100,000	300,000
Total	\$ 500,000	\$ —	\$ —	\$ —	\$ 100,000	\$ 100,000	\$ 700,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 12,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,500
Construction	340,568	—	—	—	100,000	100,000	540,568
Contingencies/Misc	39,529	—	—	—	—	—	39,529
Salary And Wages - Regular	107,403	—	—	—	—	—	107,403
Subtotal	\$ 500,000	\$ —	\$ —	\$ —	\$ 100,000	\$ 100,000	\$ 700,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ —	\$ —	\$ 100,000	\$ 100,000	\$ 700,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2649

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1217 **Central Control Traffic Signal Upgrade**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Upgrade existing traffic signal interconnect system. Funds are also used as a local grant match.

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. Planned work for FY 2017-18 and FY 2018-19 is investigation of replacement software for the central traffic signal control system. Future planned work is upgrades to CPU modules at individual intersections, at a rate of 20 to 30 per year.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	404,738
Estimated Carryforward into 2018-19	\$	395,911
Total Available Appropriations	\$	601,911

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Miscellaneous	\$ 273,929	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 273,929
Intra Trs In - Trfc Mit Fees	526,720	206,000	212,000	219,000	226,000	232,000	1,621,720
Total	\$ 800,649	\$ 206,000	\$ 212,000	\$ 219,000	\$ 226,000	\$ 232,000	\$ 1,895,649
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 607,757	\$ 176,000	\$ 182,000	\$ 189,000	\$ 196,000	\$ 202,000	\$ 1,552,757
Contingencies/Misc	117,892	15,000	15,000	15,000	15,000	15,000	192,892
Salary And Wages - Regular	75,000	15,000	15,000	15,000	15,000	15,000	150,000
Subtotal	\$ 800,649	\$ 206,000	\$ 212,000	\$ 219,000	\$ 226,000	\$ 232,000	\$ 1,895,649
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 800,649	\$ 206,000	\$ 212,000	\$ 219,000	\$ 226,000	\$ 232,000	\$ 1,895,649
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2665

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1218 **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. Transmitters installed in all Fire Department vehicles.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	579,259
Estimated Carryforward into 2018-19	\$	266,000
Total Available Appropriations	\$	266,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$ 308,104	\$ —	\$ 150,000	\$ —	\$ 150,000	\$ —	\$ 608,104
Intra Trs In - Miscellaneous	87,155	—	—	—	—	—	87,155
Intra Trs In - Trfc Mit Fees	450,000	—	150,000	—	150,000	—	750,000
Total	\$ 845,259	\$ —	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ 1,445,259
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 151,338	\$ —	\$ 60,000	\$ —	\$ 60,000	\$ —	\$ 271,338
Construction	693,040	—	240,000	—	240,000	—	1,173,040
Salary And Wages - Regular	881	—	—	—	—	—	881
Subtotal	\$ 845,259	\$ —	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ 1,445,259
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 845,259	\$ —	\$ 300,000	\$ —	\$ 300,000	\$ —	\$ 1,445,259
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2668

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1219 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 2017-18	\$	477,000
Estimated Carryforward into 2018-19	\$	323,000
Total Available Appropriations	\$	323,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Intra Trs In - Trfc Mit Fees	600,000	—	—	250,000	250,000	250,000	1,350,000
Total	\$ 800,000	\$ —	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,550,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 702,134	\$ —	\$ —	\$ 230,000	\$ 230,000	\$ 230,000	\$ 1,392,134
Contingencies/Misc	45,534	—	—	10,000	10,000	10,000	75,534
Salary And Wages - Regular	52,332	—	—	10,000	10,000	10,000	82,332
Subtotal	\$ 800,000	\$ —	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,550,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 800,000	\$ —	\$ —	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,550,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2669

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1220 **Pedestrian and Bicycle Enhancement Facilities**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Construct sidewalks and bicycle facilities. Also may be used to provide funding for local match for grants.

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 2017-18	\$	170,137
Estimated Carryforward into 2018-19	\$	180,000
Total Available Appropriations	\$	480,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$	64,000	\$ —	\$ —	\$ —	\$ —	\$ —	64,000
Intra Trs In - Trfc Mit Fees		286,137	300,000	200,000	200,000	300,000	200,000	1,486,137
Total	\$	350,137	\$ 300,000	\$ 200,000	\$ 200,000	\$ 300,000	\$ 200,000	\$ 1,550,137
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	2,250	\$ —	\$ —	\$ —	\$ —	\$ —	2,250
Construction		122,887	270,000	170,000	170,000	270,000	170,000	1,172,887
Contingencies/Misc		112,500	15,000	15,000	15,000	15,000	15,000	187,500
Salary And Wages - Regular		82,500	5,000	5,000	5,000	5,000	5,000	107,500
Salary And Wages - As Needed		30,000	10,000	10,000	10,000	10,000	10,000	80,000
Subtotal	\$	350,137	\$ 300,000	\$ 200,000	\$ 200,000	\$ 300,000	\$ 200,000	\$ 1,550,137
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	350,137	\$ 300,000	\$ 200,000	\$ 200,000	\$ 300,000	\$ 200,000	\$ 1,550,137
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

* This project was moved from Fund 525 - Project 2670

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1221 **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 46 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 2026

Status: Project in various stages of design/construction.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	105,938
Estimated Carryforward into 2018-19	\$	181,062
Total Available Appropriations	\$	218,562

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$ 37,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 37,500
Intra Trs In - Trfc Mit Fees	249,500	37,500	37,500	87,500	87,500	87,500	587,000
Total	\$ 287,000	\$ 37,500	\$ 37,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 624,500
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 286,975	\$ 37,500	\$ 37,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 624,475
Contingencies/Misc	25	—	—	—	—	—	25
Subtotal	\$ 287,000	\$ 37,500	\$ 37,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 624,500
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 287,000	\$ 37,500	\$ 37,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 624,500
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2672

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1222 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 2017-18	\$	100,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	100,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Trfc Mit Fees	\$ 100,000	\$ 100,000	\$ —	\$ 200,000	\$ 100,000	\$ 200,000	\$ 700,000
Total	\$ 100,000	\$ 100,000	\$ —	\$ 200,000	\$ 100,000	\$ 200,000	\$ 700,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 10,000	\$ 10,000	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Construction	85,000	85,000	—	185,000	85,000	185,000	625,000
Contingencies/Misc	5,000	5,000	—	5,000	5,000	5,000	25,000
Subtotal	\$ 100,000	\$ 100,000	\$ —	\$ 200,000	\$ 100,000	\$ 200,000	\$ 700,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 100,000	\$ 100,000	\$ —	\$ 200,000	\$ 100,000	\$ 200,000	\$ 700,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2676

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1223 **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.

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	108,261
Total Available Appropriations	\$	108,261

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Trfc Mit Fees	\$ (539,000)	\$ —	\$ —	\$ 125,000	\$ 150,000	\$ 150,000	\$ (114,000)
Intra Trs In - Gas Tax	647,261	—	—	—	—	—	647,261
Total	\$ 108,261	\$ —	\$ —	\$ 125,000	\$ 150,000	\$ 150,000	\$ 533,261
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 93,261	\$ —	\$ —	\$ 110,000	\$ 120,000	\$ 120,000	\$ 443,261
Contingencies/Misc	5,000	—	—	5,000	10,000	10,000	30,000
Salary And Wages - Regular	10,000	—	—	10,000	20,000	20,000	60,000
Subtotal	\$ 108,261	\$ —	\$ —	\$ 125,000	\$ 150,000	\$ 150,000	\$ 533,261
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 108,261	\$ —	\$ —	\$ 125,000	\$ 150,000	\$ 150,000	\$ 533,261
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 525 - Project 2677

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1224 **Replacement of Traffic Signals in ECR-Lafayette St.-Newhall St.-Scott Blvd. Area**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Various streets within El Camino Real-Lafayette St.-Newhall St.-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 2023

Status: Design to start Winter 2018.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	1,720,000
Total Available Appropriations	\$	1,720,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Gas Tax	\$ 962,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 962,500
Trs In - Traffic Mtigation Fees	757,500	—	—	—	—	—	757,500
Total	\$ 1,720,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,720,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 1,705,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,705,000
Contingencies/Misc	15,000	—	—	—	—	—	15,000
Subtotal	\$ 1,720,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,720,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,720,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,720,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 2678

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1225 **Santa Clara Valley Transportation Authority - Congestion Management Program**

Project Type: Ongoing

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 Ongoing

Status: Program underway.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	237,623
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	245,940

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 3401

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1226 **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), 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. Intersections planned for study in 2018 include Scott Blvd/Cabrillo Ave, Benton St/Sonoma Pl, Pruneridge Ave/Redwood Ave, Homestead Rd/University St, Homestead Rd/Viadar Ct, Washington St/Manchester Dr, and Washington St/Linden Dr.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	2,310,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	934,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Gas Tax		2,310,000	934,000	—	—	—	—	3,244,000
Total		\$ align="right">2,310,000	\$ align="right">934,000	\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="right">3,244,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	210,000	\$ align="right">108,150	\$ align="center">—	\$ align="right">114,737	\$ align="right">118,179	\$ align="right">121,724	\$ align="right">672,790
Construction		2,060,000	805,250	—	1,525,509	1,559,274	1,594,052	7,544,085
Contingencies/Misc		20,000	10,300	—	10,927	11,255	11,593	64,075
Salary And Wages - Regular		20,000	10,300	—	10,927	11,255	11,593	64,075
Subtotal	\$	2,310,000	\$ align="right">934,000	\$ align="center">—	\$ align="right">1,662,100	\$ align="right">1,699,963	\$ align="right">1,738,962	\$ align="right">8,345,025
Less Deferred/Unfunded			—	—	(1,662,100)	(1,699,963)	(1,738,962)	(5,101,025)
Total	\$	2,310,000	\$ align="right">934,000	\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="right">3,244,000
Operating Impacts			\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="center">—	\$ align="center">—

* This project was moved from Fund 521 - Project 3403

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1227 **Changeable Message Signs**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Great America Parkway, Lafayette Street, Tasman Drive

Estimated Expenditures through 2017-18	\$	1,585,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	400,000

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 Q4 2018

Status: Consultant selected. Design underway.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Gas Tax	\$ 1,585,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,585,000
Total	\$ 1,585,000	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 1,985,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
Construction	1,500,000	400,000	—	—	—	—	1,900,000
Contingencies/Misc	10,000	—	—	—	—	—	10,000
Subtotal	\$ 1,585,000	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 1,985,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,585,000	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 1,985,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 3405

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1228 **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 2017-18	\$	111,640
Estimated Carryforward into 2018-19	\$	50,000
Total Available Appropriations	\$	50,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Gas Tax	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 261,640
Total	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 261,640
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 261,640
Subtotal	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 261,640
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 161,640	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ —	\$ 261,640
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 521 - Project 3423

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1229 **Traffic Signal Installation – Pruneridge Ave/Cronin Dr Intersection**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Pruneridge Avenue/Cronin Drive Intersection

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: Construction start Summer 2018.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	45,000
Estimated Carryforward into 2018-19	\$	605,000
Total Available Appropriations	\$	605,000

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

* This project was moved from Fund 521 - Project 3425

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1230 **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. Purchase hanging banners and replacement flower baskets for the street light poles along El Camino Real.

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

Duration: Q3 2010 to Ongoing

Status: Funding is available to purchase hanging banners for installation upon further direction. Flower baskets will likely need to be replaced in spring/summer of 2019.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2017-18	\$	1,583,434
Estimated Carryforward into 2018-19	\$	309,566
Total Available Appropriations	\$	309,566

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Water	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Trs In - Capital Proj Reserves	1,643,000	—	—	—	—	—	1,643,000
Total	\$ 1,893,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,893,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 15,674	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 15,674
Construction	1,877,326	—	—	—	—	—	1,877,326
Subtotal	\$ 1,893,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,893,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,893,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,893,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project was moved from Fund 531 - Project 8040

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1231 Santa Clara Various Streets and Roads Preservation (OBAG 2)

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Homestead Rd, Scott Blvd, Newhall St

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: Pavement rehabilitation for portions of Homestead Rd (Lincoln St. to Kiely Blvd), Scott Blvd (Harrison St to Saratoga Ave), and Newhall St (Saratoga Ave to N. Winchester Blvd). The project is partially funded by the One Bay Area Grant program (OBAG 2) using Federal Surface Transportation Block Program (STBGP) funding.

Justification: Pavement rehabilitation will extend the streets' useful life and enhance ride quality.

Duration: Q3 2019 to Q2 2020

Status: Design anticipated to begin in 2018 and construction anticipated to begin in 2020.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$ —	\$ —	\$ 2,356,000	\$ —	\$ —	\$ —	\$ 2,356,000
Trs In - Gas Tax	—	—	1,600,000	—	—	—	1,600,000
Total	\$ —	\$ —	\$ 3,956,000	\$ —	\$ —	\$ —	\$ 3,956,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ —	\$ 3,956,000	\$ —	\$ —	\$ —	\$ 3,956,000
Subtotal	\$ —	\$ —	\$ 3,956,000	\$ —	\$ —	\$ —	\$ 3,956,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ 3,956,000	\$ —	\$ —	\$ —	\$ 3,956,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1232 Traffic Signal Interconnect Upgrade

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Great America Pkwy, Tasman Dr. Corridors

Description: Project will convert the current interconnect over copper wires along the corridors to fiber optic

Justification: The current bandwidth through copper wires is not sufficient to carry the high definition traffic monitoring video from the intersections along Tasman Dr. and Great America Pkwy. back to City Hall.

Duration: Q2 2021 to Q4 2023

Status: New project starting 2020-21.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Trfc Mit Fees	\$ —	\$ —	\$ —	\$ 100,000	\$ 800,000	\$ 1,000,000	\$ 1,900,000
Total	\$ —	\$ —	\$ —	\$ 100,000	\$ 800,000	\$ 1,000,000	\$ 1,900,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ —	\$ —	\$ 100,000	\$ 800,000	\$ 1,000,000	\$ 1,900,000
Subtotal	\$ —	\$ —	\$ —	\$ 100,000	\$ 800,000	\$ 1,000,000	\$ 1,900,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ —	\$ 100,000	\$ 800,000	\$ 1,000,000	\$ 1,900,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1233 **Pedestrian Master Plan**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Development of City's first Pedestrian Master Plan

Justification: The development of the plan will identify opportunities and constraints to build out the City's pedestrian infrastructure. Successful implementation of the plan will improve connectivity and access to transit and schools. This plan will also provide City access to grant funds managed by MTC.

Duration: Q4 2018 to Q2 2020

Status: Scope and RFP in Summer 2018. Consultant selected; study underway.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	279,214
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$ 279,214	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 279,214
Total	\$ 279,214	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 279,214
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 279,214	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 279,214
Subtotal	\$ 279,214	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 279,214
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 279,214	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 279,214
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name: 1234 **Travel Demand Model Update**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: Maintain and update the City's travel demand model.

Justification: The City currently has a travel demand model. A travel demand model needs to be updated on a regular basis to accurately reflect General Plan land uses changes and the transportation system network. This model is used in the development of traffic impact fees. In addition starting in Year 2020, the model will also be used to calculate a project's vehicle miles traveled which is a new required metric from the Governor's Office of Planning and Research (OPR) for evaluating a project's transportation impact.

Duration: Q3 2020 to Future

Status: New project starting 2020-21.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total				
Intra Trs In - Trfc Mit Fees	\$	—	\$	—	\$	200,000	\$	—	\$	200,000	\$	400,000
Total	\$	—	\$	—	\$	200,000	\$	—	\$	200,000	\$	400,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total				
Construction	\$	—	\$	—	\$	200,000	\$	—	\$	200,000	\$	400,000
Subtotal	\$	—	\$	—	\$	200,000	\$	—	\$	200,000	\$	400,000
Less Deferred/Unfunded			—	—	—	—	—	—				
Total	\$	—	\$	—	\$	200,000	\$	—	\$	200,000	\$	400,000
Operating Impacts			\$	—	\$	—	\$	—	\$	—	\$	—

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1235 **Annual Street Maintenance and Rehabilitation Program**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2017-18	\$	12,682,467
Estimated Carryforward into 2018-19	\$	2,300,000
Total Available Appropriations	\$	8,800,000

Description: This program provides ongoing roadway infrastructure preservation and rehabilitation to maintain the City's street network of approx. 250 miles. Specific yearly projects for streets selected for treatment under the program are based upon condition surveys and analysis through the Pavement Management System (PMS). The PMS prioritizes pavement maintenance projects in order to provide the most cost-effective maintenance program based upon street condition, remaining service life, and available funds. The yearly projects include placing surface seals, resurfacing, and/or reconstruction. Ancillary work includes removing and replacing failed pavement, replacement of concrete curbs, gutters, sidewalks, and curb ramps, and installation of roadway striping and pavement markings.

Justification: This program supports the Council Goal to improve infrastructure to Grade A. Based upon the PMS, an average yearly budget of \$14.17 million is needed to bring the street network to a state of good repair, which is a PCI in the low to mid 80's with no deferred maintenance backlog. With current funding levels, the PCI is projected to remain steady and the deferred backlog is projected to decrease slightly.

Duration: Q3 2018 to Ongoing

Status: Specific projects funded by this program are in various stages of design and construction.

Department/Contact: Public Works/Falguni Amin

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Vehicle Registration Fees	\$	1,350,000	\$ 350,000	\$ 350,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,300,000
VTA Measure B		2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000
Grant Funding		350,000	—	—	—	—	—	350,000
Developer Contributions		129,801	—	—	—	—	—	129,801
Trs In - Gas Tax		—	1,800,000	70,000	1,270,000	1,270,000	1,270,000	5,680,000
Trs In - RMRA SB 1		—	2,050,000	2,050,000	2,050,000	2,050,000	2,050,000	10,250,000
Intra Trs In - Dev		127,725	—	—	—	—	—	127,725
Intra Trs In - Gas Tax		10,724,941	—	—	—	—	—	10,724,941
Total	\$	14,982,467	\$ 6,500,000	\$ 4,770,000	\$ 6,370,000	\$ 6,370,000	\$ 6,370,000	\$ 45,362,467
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Unallocated - Deferred Constr	\$	—	\$ —	\$ —	\$ 7,800,000	\$ 7,800,000	\$ 7,800,000	\$ 23,400,000
Engineering		175,000	650,000	475,000	635,000	635,000	635,000	3,205,000
Construction		14,361,388	5,840,000	4,285,000	5,725,000	5,725,000	5,725,000	41,661,388
Contingencies/Misc		185,676	10,000	10,000	10,000	10,000	10,000	235,676
Salary And Wages - Regular		260,403	—	—	—	—	—	260,403
Subtotal	\$	14,982,467	\$ 6,500,000	\$ 4,770,000	\$ 14,170,000	\$ 14,170,000	\$ 14,170,000	\$ 68,762,467
Less Deferred/Unfunded			—	—	(7,800,000)	(7,800,000)	(7,800,000)	(23,400,000)
Total	\$	14,982,467	\$ 6,500,000	\$ 4,770,000	\$ 6,370,000	\$ 6,370,000	\$ 6,370,000	\$ 45,362,467

Operating Impacts \$ — \$ — \$ — \$ — \$ — \$ —

* This project is a consolidation of projects 533 - 1356 and 521 - 1468

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1236 Traffic Signal Modification - El Camino-Lafayette

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: El Camino Real at Lafayette Street

Description: (1409) Modify existing traffic signal to provide double left turn movement in southbound direction along Lafayette Street.
(2660) Add second eastbound left turn lane on El Camino Real and other level of service improvements.

Justification: (1409) To encourage southbound Lafayette St. traffic to use El Camino Real and to provide adequate lane storage for left turns.
(2660) 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 1999 to Q4 2025

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

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	1,330,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$ 1,250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,250,000
Intra Trs In - Gas Tax	80,000	—	—	—	—	—	80,000
Total	\$ 1,330,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,330,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 3,590	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,590
Land	200,000	—	—	—	—	—	200,000
Construction	868,910	—	—	—	—	—	868,910
Contingencies/Misc	128,500	—	—	—	—	—	128,500
Salary And Wages - Regular	129,000	—	—	—	—	—	129,000
Subtotal	\$ 1,330,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,330,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,330,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,330,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project is a consolidation of projects 521- 1409 and 525 - 2660

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1237 **MCB/GAP Intersection Improvement Project**
Project Type: Distinct
Program: 4443
Theme: Public Systems and Facilities
Location: At the intersection of Great America Parkway and Mission College Boulevard

Estimated Expenditures through 2017-18	\$	8,299,436
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: Widen Mission College Blvd (MCB) and Great America Parkway (GAP) intersection by adding an additional left turn lane from westbound MCB to southbound GAP, and an additional left turn lane from northbound GAP to westbound MCB, and other traffic signal, ADA, and bus stop improvements at the intersection.

Justification: Traffic demand on MCB and GAP warrants the additional lanes to improve traffic flow and reduce congestion.

Duration: Q1 2005 to Q3 2020

Status: Project on hold since 2012 due to right-of-way constraints. Right-of-way acquisition and design consultant agreement amendment in progress. Utility relocation anticipated to begin in summer 2019 and project construction anticipated to begin summer 2020.

Department/Contact: Public Works/Falguni Amin

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Traffic Mitigation Fees	\$	3,330,400	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,330,400
Developer Contributions		3,273,436	—	—	—	—	—	3,273,436
Intra Trs In - Miscellaneous		1,695,600	—	—	—	—	—	1,695,600
Total	\$	8,299,436	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 8,299,436
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	380,915	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 380,915
Land		2,875,000	—	—	—	—	—	2,875,000
Construction		4,306,436	—	—	—	—	—	4,306,436
Contingencies/Misc		319,814	—	—	—	—	—	319,814
Salary And Wages - Regular		417,271	—	—	—	—	—	417,271
Subtotal	\$	8,299,436	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 8,299,436
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	8,299,436	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 8,299,436
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

* This project is a consolidation of projects 525 - 2616, 525 - 2621, and 525 - 2630

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1238 **Pedestrian Crosswalk Sensors**

Project Type: Distinct

Program: 4433

Theme: Public Systems and Facilities

Location: Citywide

Description: City-wide installation of pedestrian crosswalk radar sensors to extend pedestrian crossing interval for slower users. Installation @ 20 signals each year.

Justification: Improves safety for pedestrians and allows for more efficient signal operations.

Duration: Q1 2019 to Future

Status: Future

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	150,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Traffic Mitigation Fees	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 450,000
Total	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 450,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ 150,000
Construction	—	100,000	100,000	100,000	—	—	300,000
Subtotal	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 450,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 150,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 450,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1239 **Adaptive Signal System**
Project Type: Distinct
Program: 4433
Theme: Public Systems and Facilities
Location: Great America Parkway, Lafayette Street, Tasman Drive

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	350,000

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. (Previously Future 521-001)

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.

Duration: Q3 2020 to Future

Status: Study to start Summer 2018.

Department/Contact: Public Works/Dennis Ng

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Gas Tax	\$ —	\$ 350,000	\$ 1,500,000	\$ —	\$ —	\$ —	\$ 1,850,000
Total	\$ —	\$ 350,000	\$ 1,500,000	\$ —	\$ —	\$ —	\$ 1,850,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ 350,000	\$ 1,500,000	\$ 4,000,000	\$ —	\$ —	\$ 5,850,000
Subtotal	\$ —	\$ 350,000	\$ 1,500,000	\$ 4,000,000	\$ —	\$ —	\$ 5,850,000
Less Deferred/Unfunded		—	—	(4,000,000)	—	—	(4,000,000)
Total	\$ —	\$ 350,000	\$ 1,500,000	\$ —	\$ —	\$ —	\$ 1,850,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name*: 1240 **Annual Curb Ramp Installation**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Various locations citywide in the public right-of-way.

Description: Construct Americans with Disabilities Act (ADA) compliant street curb ramps and accessibility improvements.

Justification: Improve access to and use of the public right-of-way in compliance with the ADA.

Duration: Q1 2019 to Ongoing

Status: Update curb ramps on a continuous basis. Program on hold pending funding availability.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	242,960
Total Available Appropriations	\$	242,960

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ —	\$ —	\$ 444,000	\$ 458,000	\$ 472,000	\$ 1,374,000
Contingencies/Misc	—	—	—	8,000	9,000	10,000	27,000
Salary And Wages - Regular	—	—	—	41,000	43,000	45,000	129,000
Subtotal	\$ —	\$ —	\$ —	\$ 493,000	\$ 510,000	\$ 527,000	\$ 1,530,000
Less Deferred/Unfunded		—	—	(493,000)	(510,000)	(527,000)	(1,530,000)
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Bridge Inspection Reports. Dedicated annual funding received through the Bridge Assessment District. The Deferred/Unfunded amount shown in FY 2020-21 represents the budget necessary to perform the preventative maintenance work recommended by the Bridge Inspection Reports for all City maintained bridges citywide.

Justification: Maintenance of bridges will extend their useful life.

Duration: Q1 2007 to Ongoing

Status: Bridge repair as-needed and ongoing. Deck rehabilitation of the San Tomas Aquino Creek/Great America Bridge completed in 2017. Future work is contingent upon receipt of funds.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	508,644
Estimated Carryforward into 2018-19	\$	119,000
Total Available Appropriations	\$	199,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Distinct Trs In - Misc	\$ 627,644	\$ 80,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 967,644
Total	\$ 627,644	\$ 80,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 967,644

Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 625,566	\$ 80,000	\$ 65,000	\$ 1,005,000	\$ 65,000	\$ 65,000	\$ 1,905,566
Contingencies/Misc	760	—	—	—	—	—	760
Salary And Wages - Regular	1,318	—	—	—	—	—	1,318
Subtotal	\$ 627,644	\$ 80,000	\$ 65,000	\$ 1,005,000	\$ 65,000	\$ 65,000	\$ 1,907,644
Less Deferred/Unfunded		—	—	(940,000)	—	—	(940,000)
Total	\$ 627,644	\$ 80,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 967,644

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

Project ID/Name: 1357 **Traffic Signal Controller Upgrade**

Project Type: Ongoing

Program: 4433

Theme: Public Systems and Facilities

Location: Various locations

Description: Citywide traffic signal controller to state-of-the-art 2070 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 Q4 2021

Status: Design as-needed and ongoing replacement. Current focus is the cabinets in the Old Quad.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	301,628
Estimated Carryforward into 2018-19	\$	650,872
Total Available Appropriations	\$	650,872

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Vehicle Registration Fees	\$ 952,500	\$ —	\$ 400,000	\$ —	\$ —	\$ —	1,352,500
Total	\$ 952,500	\$ —	\$ 400,000	\$ —	\$ —	\$ —	1,352,500
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 135,000	\$ —	\$ 30,000	\$ —	\$ —	\$ —	165,000
Construction	772,500	—	360,000	—	—	—	1,132,500
Contingencies/Misc	45,000	—	10,000	—	—	—	55,000
Subtotal	\$ 952,500	\$ —	\$ 400,000	\$ —	\$ —	\$ —	1,352,500
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 952,500	\$ —	\$ 400,000	\$ —	\$ —	\$ —	1,352,500
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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. Developer contributions collected under this project towards the construction of the connection of Saratoga Creek Trail to Central Park at Kiely Blvd were transferred to the Saratoga Creek Trail (Homeridge Park to Central Park) (Project ID 1204) project for implementation in the FY2017-18 CIP budget.

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 2017-18	\$	137,000
Estimated Carryforward into 2018-19	\$	13,000
Total Available Appropriations	\$	13,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$ 2,098,194	\$ —	\$ —	\$ —	\$ —	\$ —	2,098,194
Intra Trs In - Dev Contrbts	(1,750,000)	—	—	—	—	—	(1,750,000)
Total	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —	150,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 94,069	\$ —	\$ —	\$ —	\$ —	\$ —	94,069
Construction	34,452	—	—	—	750,000	—	784,452
Srv From Other Funds-Alloc OH	9,661	—	—	—	—	—	9,661
Salary And Wages - Regular	7,527	—	—	—	—	—	7,527
Srv From Othr Funds-Alloc Ben	4,291	—	—	—	—	—	4,291
Subtotal	\$ 150,000	\$ —	\$ —	\$ —	\$ 750,000	\$ —	900,000
Less Deferred/Unfunded		—	—	—	(750,000)	—	(750,000)
Total	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —	150,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	66,800
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

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

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: Project underway. Expected completion by Summer 2019.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	3,191
Estimated Carryforward into 2018-19	\$	561,809
Total Available Appropriations	\$	561,809

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

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: Purchase materials for bike lane/pedestrian improvements and supplement funding for the Bicycle Plan Update. Per approved Agenda Report 13.B5 (12-5-17), \$75k will be appropriated from this CIP (and \$46,986 from CIP 1378 Bicycle and Pedestrian Improvements Project) for the Bike Plan Update 2018.

Justification: Project will provide bicycle and pedestrian enhancements.

Duration: Q2 2016 to Q4 2018

Status: Project underway. Expected completion by Winter 2018.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	298,012
Total Available Appropriations	\$	298,012

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

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. Per approved Agenda Report 13.B5 (12-5-17), \$75k will be appropriated from this CIP (and \$46,986 from CIP 1378 Bicycle and Pedestrian Improvements Project) for the Bike Plan Update 2018.

Duration: Q3 2016 to Q4 2018

Status: Design started Spring 2017.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	20,000
Estimated Carryforward into 2018-19	\$	55,000
Total Available Appropriations	\$	55,000

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

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 contract is in place for sidewalk, curb and gutter repair through December 2019.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2017-18	\$	550,000
Estimated Carryforward into 2018-19	\$	10,000
Total Available Appropriations	\$	380,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Dev Contrbts	\$ 560,000	\$ 300,000	\$ —	\$ —	\$ —	\$ —	860,000
Intra Trs In - Gas Tax	—	70,000	380,000	390,000	400,000	410,000	1,650,000
Total	\$ 560,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 560,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000
Subtotal	\$ 560,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 560,000	\$ 370,000	\$ 380,000	\$ 390,000	\$ 400,000	\$ 410,000	\$ 2,510,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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: Q4 2018 to Q3 2019

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

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	500,000
Total Available Appropriations	\$	500,000

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

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.

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: Q4 2018 to Q4 2019

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

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	40,099
Estimated Carryforward into 2018-19	\$	459,901
Total Available Appropriations	\$	459,901

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

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 Q4-18

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	60,000
Estimated Carryforward into 2018-19	\$	690,000
Total Available Appropriations	\$	690,000

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

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 Q1-19

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	50,000
Estimated Carryforward into 2018-19	\$	800,000
Total Available Appropriations	\$	800,000

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

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 Q1-19.

Department/Contact: Public Works/Dennis Ng

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	365,000
Total Available Appropriations	\$	365,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$ 290,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 290,000
Intra Trs In - Gas Tax	75,000	—	—	—	—	—	75,000
Total	\$ 365,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 365,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 365,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 365,000
Subtotal	\$ 365,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 365,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 365,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 365,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 533 - STREETS AND HIGHWAYS

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 533-001	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.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ —	\$ 260,000	\$ —	\$ 260,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —		
Project Name:	Future 533-002	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.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ 260,000	\$ —	\$ —	\$ 260,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —		
Project Name:	Future 533-003	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.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ —	\$ —	\$ 520,000	\$ 520,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —		
Project Name:	Future 533-004	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.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ —	\$ 520,000	\$ —	\$ 520,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —		

FUND 533 - STREETS AND HIGHWAYS

Project Name:	Future 533-005	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.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ —	\$ —	\$ 300,000	\$ —	\$ 300,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	

Project Name:	Future 533-008	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.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ —	\$ 18,000,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	

FUND 533 - STREETS AND HIGHWAYS

PROJECTS CLOSING IN 2018-19

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Developer Contributions	\$ 649,000	\$ 600,000	\$ 49,000

* Transferring remaining balance to 533-1325.

Project ID/Name: 1326 Development Extensions

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Developer Contributions	\$ 754,092	\$ 29,873	\$ 724,219

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Vehicle Registration Fees	\$ 1,350,000	\$ 268,929	\$ 1,081,071
VTA Measure B	\$ 2,300,000	\$ —	\$ 2,300,000
Developer Contributions	\$ 129,801	\$ 129,801	\$ —
Intra Trs In - Dev Contrbtns	\$ 127,725	\$ 127,725	\$ —

* This project is consolidated into 533-1235.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Vehicle Registration Fees	\$ 133,007	\$ 131,994	\$ 1,013
Grant Funding	\$ 220,500	\$ 220,500	\$ —

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Vehicle Registration Fees	\$ 176,923	\$ 176,642	\$ 281
Grant Funding	\$ 360,000	\$ 360,000	\$ —

Project ID/Name: 1369 Scott Boulevard Bicycle Lanes

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Grant Funding	\$ 102,650	\$ 102,650	\$ —
Intra Trs In - Trfc Mit Fees	\$ 93,350	\$ 1,590	\$ 91,760

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Grant Funding	\$ 498,000	\$ 498,000	\$ —

Project ID/Name: 1377 Tasman Drive Bicycle Lanes Project

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Grant Funding	\$ 566,000	\$ 462,342	\$ 103,658

FUND 533 - STREETS AND HIGHWAYS**FUND 521 - SPECIAL GAS TAX**

(This fund is closing. Projects are closing or moved to Fund 533.)

PROJECTS CLOSING IN 2018-19

Project ID/Name:	1409 Traffic Signal Modification - El Camino-Lafayette				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Gas Tax	\$	80,000	\$	1,060	\$ 78,940

* This project is consolidated into 533-1236.

Project ID/Name:	1462	Neighborhood Traffic Calming			
Status:	Closed				
Account Description		Prior Years Appropriations		Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$	1,307,252	\$	630,694	\$ 676,558

* This project is moved to 533-1211.

Project ID/Name:	1464 LED Traffic Signal & Safety Light Replacements				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Gas Tax	\$	1,000,000	\$	593,310	\$ 406,690

* This project is moved to 533-1212.

Project ID/Name:	1468	Annual Street Maintenance and Rehabilitation Program			
Status:	Closed				
Account Description		Prior Years Appropriations		Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$	10,724,941	\$	6,684,865	\$ 4,040,076

* This project is consolidated into 533-1235.

Project ID/Name: 1516 Annexed Neighborhood Street Improvements

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 1,500,000	\$ 35,564	\$ 1,464,436

* This project is moved to 533-1213.

Project ID/Name: 1652 Calabazas Creek Bridge Replacement

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 650,000	\$ 628,632	\$ 21,368

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 237,623	\$ 217,428	\$ 20,195

* This project is moved to 533-1225.

Project ID/Name: 3402 Cypress Avenue Area Streets Improvement

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 945,000	\$ 945,000	—

Project ID/Name: 3403 Uncontrolled Crosswalks Improvements

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Vehicle Registration Fees	\$ —	\$ (1,075,958)	\$ 1,075,958
Intra Trs In - Gas Tax	\$ 2,310,000	\$ 2,310,000	—

* This project is moved to 533-1226.

Project ID/Name: 3405 Changeable Message Signs

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 1,585,000	\$ 250,350	\$ 1,334,650

* This project is moved to 533-1227.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 161,640	\$ 91,518	\$ 70,122

* This project is moved to 533-1228.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 1,238,131	\$ 1,238,131	—

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Gas Tax	\$ 650,000	\$ 54,000	\$ 596,000

* This project is moved to 533-1229.

FUND 533 - STREETS AND HIGHWAYS**FUND 525 - TRAFFIC MITIGATION**

(This fund is closing. Projects are closing or moved to Fund 533.)

PROJECTS CLOSING IN 2018-19**Project ID/Name: 2616 Great America Parkway - Bus Turnout****Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 90,000	\$ —	\$ 90,000
Intra Trs In - Miscellaneous	\$ 135,000	\$ 8,596	\$ 126,404

* This project is consolidating into 533-1237.

Project ID/Name: 2621 Improvements - Great America Parkway**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 1,040,400	\$ —	\$ 1,040,400
Intra Trs In - Miscellaneous	\$ 1,560,600	\$ —	\$ 1,560,600

* This project is consolidating into 533-1237.

Project ID/Name: 2624 Coleman Avenue Widening**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 74,332	\$ —	\$ 74,332
Developer Contributions	\$ 1,560,600	\$ —	\$ 1,560,600
Intra Trs In - Miscellaneous	\$ 114,000	\$ —	\$ 114,000

* This project is moved to 533-1214.

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

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 156,000	\$ 7,624	\$ 148,376
Intra Trs In - Miscellaneous	\$ 234,000	\$ —	\$ 234,000

FUND 533 - STREETS AND HIGHWAYS

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 2,200,000	\$ —	\$ 2,200,000
Developer Contributions	\$ 3,056,086	\$ —	\$ 3,056,086

* This project is consolidating into 533-1237.

Project ID/Name: 2631 Sidewalk Installation Program

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 75,832	\$ 75,315	\$ 517
Intra Trs In - Miscellaneous	\$ 113,747	\$ 202	\$ 113,545

* This project is moved to 533-1215.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 300,000	\$ 13,737	\$ 286,264

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 494,000	\$ 494,000	\$ —
Developer Contributions	\$ 79,664	\$ 54,470	\$ 25,194

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 220,000	\$ —	\$ 220,000
Intra Trs In - Miscellaneous	\$ 180,000	\$ —	\$ 180,000
Intra Trs In - Trfc Mit Fees	\$ 100,000	\$ 100,000	\$ —

* This project is moved to 533-1216.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Rev Frm Agency - Miscellaneous	\$ 707,263	\$ 707,263	\$ —
Traffic Mitigation Fees	\$ 1,683,590	\$ 1,557,078	\$ 126,512
Developer Contributions	\$ 452,735	\$ 250,284	\$ 202,451

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 1,250,000	\$ 4,827	\$ 1,245,174

Project ID/Name: 2665 Central Control Traffic Signal Upgrade

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Trfc Mit Fees	\$ 526,720	\$ 400,000	\$ 126,720
Intra Trs Out - Miscellaneous	\$ —	\$ (475,000)	\$ 475,000

* This project is moved to 533-1217.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 50,000	\$ 50,000	\$ —
Intra Trs In - Trfc Mit Fees	\$ 350,000	\$ 337,105	\$ 12,895

Project ID/Name: 2667 Install Sidewalks on San Tomas Expressway

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 72,000	\$ 11,881	\$ 60,119
Intra Trs In - Trfc Mit Fees	\$ 33,000	\$ 33,000	\$ —

Project ID/Name: 2668 Traffic Pre-Emptors**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 308,104	\$ —	\$ 308,104
Intra Trs In - Trfc Mit Fees	\$ 450,000	\$ 450,000	\$ —

* This project is moved to 533-1218.

Project ID/Name: 2669 Traffic Signal Enhancements**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 200,000	\$ —	\$ 200,000
Intra Trs In - Trfc Mit Fees	\$ 450,000	\$ 300,000	\$ 150,000

* This project is moved to 533-1219.

Project ID/Name: 2670 Pedestrian and Bicycle Enhancement Facilities**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Trfc Mit Fees	\$ 286,137	\$ 118,479	\$ 167,658
Intra Trs Out - Miscellaneous	\$ —	\$ (265,500)	\$ 265,500

* This project is moved to 533-1220.

Project ID/Name: 2671 Creeks Trails Expansion Master Plan**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ —	\$ —	\$ —

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

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Traffic Mitigation Fees	\$ 37,500	\$ (143,562)	\$ 181,062
Intra Trs In - Trfc Mit Fees	\$ 249,500	\$ 249,500	\$ —

* This project is moved to 533-1221.

Project ID/Name: 2676 Citywide Accessible Pedestrian Signal Installation

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Trfc Mit Fees	\$ 100,000	\$ —	\$ 100,000

* This project is moved to 533-1222.

Project ID/Name: 2677 Traffic Signal Controller Replacement

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Trfc Mit Fees	\$ (539,000)	\$ (539,000)	\$ —
Intra Trs In - Gas Tax	\$ 647,261	\$ 539,000	\$ 108,261

* This project is moved to 533-1223.

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Gas Tax	\$ 757,500	\$ —	\$ 757,500
Intra Trs In - Trfc Mit Fees	\$ 757,500	\$ —	\$ 757,500
Intra Trs In - Gas Tax	\$ 205,000	\$ —	\$ 205,000

* This project is moved to 533-1224.

FUND 533 - STREETS AND HIGHWAYS

FUND 531 - STREET BEAUTIFICATION

(This fund is closing. Projects are closing or moved to Fund 533.)

PROJECTS CLOSING IN 2018-19

Project ID/Name: **8039 Street Tree Planting**

Status: Closed

Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Developer Contributions	\$ 46,200	\$	46,200	\$	—
Trs In - Electric	\$ 260,000	\$	182,045	\$	77,955

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

Status: Closed

Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Trs In - Water	\$ 250,000	\$	250,000	\$	—
Trs In - Capital Proj Reserves	\$ 1,643,000	\$	1,333,434	\$	309,566

* This project is moved to 533-1230.



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**



City of Santa Clara

The Center of What's Possible

Fund 532 Parks and Recreation

FUND 532 - PARKS AND RECREATION

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental							
Grant Funding	\$ 425,000	\$ —	\$ —	\$ —	\$ —	\$ —	425,000
Subtotal	\$ 425,000	\$ —	\$ —	\$ —	\$ —	\$ —	425,000
Op Transfers							
Trs In - Capital Proj Reserves	1,512,138	765,000	150,000	150,000	150,000	150,000	2,877,138
Trs In - Land Sale Reserves	23,330,000	—	—	—	—	—	23,330,000
Intra Trs In - Dev Contrbts	2,645,000	—	—	—	—	—	2,645,000
Subtotal	\$ 27,487,138	\$ 765,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	28,852,138
Other Revenues							
Quimby Act Fees	\$ 1,238,620	\$ 20,000	\$ 135,000	\$ 120,000	\$ 120,000	\$ 125,000	1,758,620
Mitigation Fee Act	11,001,247	200,000	200,000	—	—	—	11,401,247
Developer Contributions	5,945,989	—	—	—	—	—	5,945,989
Donations	2,676	—	—	—	—	—	2,676
Subtotal	\$ 18,188,532	\$ 220,000	\$ 335,000	\$ 120,000	\$ 120,000	\$ 125,000	19,108,532
Total Financing Sources	\$ 46,100,670	\$ 985,000	\$ 485,000	\$ 270,000	\$ 270,000	\$ 275,000	48,385,670

* Amount represents cumulative appropriations since project inception.

FUND 532 - PARKS AND RECREATION

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 3,659,316	\$ 395,000	\$ 270,000	\$ 110,000	\$ 60,000	\$ 115,000	\$ 4,609,316
Land	13,330,000	—	—	—	—	—	13,330,000
Construction	28,395,426	530,000	130,000	2,850,000	130,000	130,000	32,165,426
Contingency	451,489	—	—	—	—	—	451,489
Equipment	40,000	—	45,000	—	50,000	—	135,000
Salary And Wages	224,439	60,000	40,000	30,000	30,000	30,000	414,439
Subtotal Appropriations	\$ 46,100,670	\$ 985,000	\$ 485,000	\$ 2,990,000	\$ 270,000	\$ 275,000	\$ 51,105,670
Less: Deferred/Unfunded**		—	—	(2,720,000)	—	—	(2,720,000)
Total Appropriations	\$ 46,100,670	\$ 985,000	\$ 485,000	\$ 270,000	\$ 270,000	\$ 275,000	\$ 48,385,670
Operating Impact		\$ —	\$ 85,000	\$ 85,000	\$ —	\$ —	\$ 170,000

FUTURE PROJECTS

Description	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 10,150,000	\$ —	\$ 35,000,000	\$ 45,150,000
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	2018-19 Appropriations	Total Available Appropriations
Distinct	3001	Park Improvements	\$ 1,198,874	\$ 1,008,878	\$ 189,996	\$ 150,000	\$ 339,996
Ongoing	3008	Townsend Field, Washington Ball Park, Elmer Johnson Field Rehabilitation	670,000	327,000	343,000	115,000	458,000
Distinct	3172	International Swim Center, Community Recreation Center, ISHOF	2,310,563	2,257,101	53,462	—	53,462
Distinct	3177	Youth Soccer Fields & Athletic Facilities- Reed & Grant Street	28,302,474	15,994,957	12,307,517	—	12,307,517
Distinct	3178	Playground Construction	2,503,175	979,998	1,523,177	500,000	2,023,177
Distinct	3180	Youth Soccer Park Field #3	1,850,000	1,848,658	1,342	—	1,342
Ongoing	3181	Park Impact Fees (Quimby, MFA, Developer) Monitoring Project	570,381	351,384	218,997	220,000	438,997
Distinct	3182	New Neighborhood Park & Community Garden (San Tomas & Monroe)	4,505,203	4,180,361	324,842	—	324,842
Distinct	3183	Central Park Arbor Playground	1,000,000	500,000	500,000	—	500,000
Distinct	3184	Montague Park Enhancement	3,190,000	310,815	2,879,185	—	2,879,185
Distinct	3185	Facility Condition Assessment Project	—	—	—	—	—
Total			\$ 46,100,670	\$ 27,759,152	\$ 18,341,518	\$ 985,000	\$ 19,326,518

* A project with no prior year appropriations used to be a work order project or is 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 2017-18	\$	1,008,878
Estimated Carryforward into 2018-19	\$	189,996
Total Available Appropriations	\$	339,996

Description: Refurbishment, reconstruction of park sports courts, 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.

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 2020

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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$	730,736	\$ —	\$ —	\$ —	\$ —	\$ —	730,736
Donations		1,000	—	—	—	—	—	1,000
Trs In - Capital Proj Reserves		217,138	150,000	150,000	150,000	150,000	150,000	967,138
Intra Trs In - Dev Contrbtns		250,000	—	—	—	—	—	250,000
Total	\$	1,198,874	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,948,874
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	125,100	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	200,100
Construction		964,642	130,000	130,000	130,000	130,000	130,000	1,614,642
Contingencies/Misc		64,569	—	—	—	—	—	64,569
Salary And Wages - Regular		44,563	5,000	5,000	5,000	5,000	5,000	69,563
Subtotal	\$	1,198,874	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,948,874
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,198,874	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,948,874
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3008 Townsend Field, Washington Ball Park, Elmer Johnson Field Rehabilitation

Project Type: Ongoing

Program: 1132

Theme: Public Systems and Facilities

Location: 250 Washington Street, Buchser Middle School Campus

Estimated Expenditures through 2017-18	\$	327,000
Estimated Carryforward into 2018-19	\$	343,000
Total Available Appropriations	\$	458,000

Description: Rehabilitation 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. Youth Sports Complex Needs Assessment and Feasibility Study (2014). The analysis indicated that Santa Clara needs about 30 acres of new athletic facilities to serve the growth and demand at both the competitive and recreational levels, including: four soccer fields, a multi-use field (baseball, softball, cricket, lacrosse, other field sports), tennis courts, a gymnasium and space for new/emerging/popular sports. While the facilities may be located in one or more sites, they are presented visually together in the Youth Sports Complex Concept Plan. The Project continues as the City explores options, develops conceptual plans and considers the existing and/or new potential sites for inclusion of youth soccer and other athletic facilities. The sports complex is heavily used by the school district, City and youth sports & community groups. Rehabilitation 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: City identifies work order projects on annual basis, however, the fields and support facilities are in need of major rehabilitation and renovation. This requires planning, facility redesign and engineering services. Construction projects require CA Division of State Architect (DSA) and SCUSD review and approval. Projects identified include: restroom ADA improvements, stands, code upgrades, track & field conversion/improvements, and grand stand.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Quimby Act Fees	\$	127,420	\$ —	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 607,420
Mitigation Fee Act Fees		57,580	—	—	—	—	—	57,580
Developer Contributions		385,000	—	—	—	—	—	385,000
Trs In - Capital Proj Reserves		100,000	115,000	—	—	—	—	215,000
Total	\$	670,000	\$ 115,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 1,265,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	195,000	\$ 90,000	\$ 55,000	\$ 95,000	\$ 45,000	\$ 100,000	\$ 580,000
Construction		345,000	—	—	—	—	—	345,000
Equipment		40,000	—	45,000	—	50,000	—	135,000
Salary And Wages - Regular		90,000	25,000	15,000	25,000	25,000	25,000	205,000
Subtotal	\$	670,000	\$ 115,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 1,265,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	670,000	\$ 115,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ 125,000	\$ 1,265,000
Operating Impacts			\$ —	\$ 85,000	\$ 85,000	\$ —	\$ —	\$ 170,000

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 2017-18	\$	2,257,101
Estimated Carryforward into 2018-19	\$	53,462
Total Available Appropriations	\$	53,462

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. Project Finance Advisory, Limited (PFAL) awarded contract. February 20, 2018- Council Study Session to review PFAL findings.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Quimby Act Fees	\$	250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Mitigation Fee Act Fees		160,463	—	—	—	—	—	160,463
Developer Contributions		1,900,100	—	—	—	—	—	1,900,100
Total	\$	2,310,563	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,310,563
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	1,887,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,887,500
Construction		423,063	—	—	—	—	—	423,063
Contingencies/Misc		—	—	—	—	—	—	—
Subtotal	\$	2,310,563	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,310,563
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	2,310,563	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,310,563
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Note: Future project cost to be determined based on Council Direction.

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 2017-18	\$	15,994,957
Estimated Carryforward into 2018-19	\$	12,307,517
Total Available Appropriations	\$	12,307,517

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 Project 3177 - Additional Soccer Fields & Athletic Facilities and appropriated \$2 million of the total \$10 million estimated required budget. Council Agenda Item 17.C allocated \$5,945,474 to develop and construct a Youth Sports Complex at Reed and Grant Street. The 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 Streets adjacent to the City's Dog Park. Going out to bid Q3 2018.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Mitigation Fee Act Fees	\$	5,612,474	\$ —	\$ —	\$ —	\$ —	\$ —	5,612,474
Trs In - Land Sale Reserves		22,690,000	—	—	—	—	—	22,690,000
Total	\$	28,302,474	\$ —	\$ —	\$ —	\$ —	\$ —	28,302,474
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Land	\$	13,330,000	\$ —	\$ —	\$ —	\$ —	\$ —	13,330,000
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Quimby Act Fees	\$	836,428	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 836,428
Mitigation Fee Act Fees		535,121	—	—	—	—	—	535,121
Developer Contributions		620,320	—	—	—	—	—	620,320
Donations		1,306	—	—	—	—	—	1,306
Trs In - Capital Proj Reserves		125,000	500,000	—	—	—	—	625,000
Intra Trs In - Dev Contrbtns		385,000	—	—	—	—	—	385,000
Total	\$	2,503,175	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 3,003,175
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	263,500	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ 353,500
Construction		2,109,255	400,000	—	—	—	—	2,509,255
Contingencies/Misc		67,920	—	—	—	—	—	67,920
Salary And Wages - Regular		62,500	10,000	—	—	—	—	72,500
Subtotal	\$	2,503,175	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 3,003,175
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	2,503,175	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 3,003,175
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 532 - PARKS AND RECREATION

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

Estimated Expenditures through 2017-18	\$	1,848,658
Estimated Carryforward into 2018-19	\$	1,342
Total Available Appropriations	\$	1,342

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 reached the end of its useful life and was replaced in FY 2016-17. 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 FY 2017-18. Field #3 will be regraded in Q2 of FY 2018-19.

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: Field #2 is Complete. 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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$ 640,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 640,000
Trs In - Capital Proj Reserves	570,000	—	—	—	—	—	570,000
Trs In - Land Sale Reserves	640,000	—	—	—	—	—	640,000
Total	\$ 1,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,850,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 70,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 70,000
Construction	1,770,000	—	—	2,720,000	—	—	4,490,000
Salary And Wages - Regular	10,000	—	—	—	—	—	10,000
Subtotal	\$ 1,850,000	\$ —	\$ —	\$ 2,720,000	\$ —	\$ —	\$ 4,570,000
Less Deferred/Unfunded		—	—	(2,720,000)	—	—	(2,720,000)
Total	\$ 1,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,850,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	351,384
Estimated Carryforward into 2018-19	\$	218,997
Total Available Appropriations	\$	438,997

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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Quimby Act Fees	\$ 24,772	\$ 20,000	\$ 20,000	\$ —	\$ —	\$ —	\$ 64,772
Mitigation Fee Act Fees	295,609	200,000	200,000	—	—	—	695,609
Intra Trs In - Dev Contrbtrns	250,000	—	—	—	—	—	250,000
Total	\$ 570,381	\$ 220,000	\$ 220,000	\$ —	\$ —	\$ —	\$ 1,010,381
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 106,383	\$ 200,000	\$ 200,000	\$ —	\$ —	\$ —	\$ 506,383
Construction	446,622	—	—	—	—	—	446,622
Salary And Wages - Regular	17,376	20,000	20,000	—	—	—	57,376
Subtotal	\$ 570,381	\$ 220,000	\$ 220,000	\$ —	\$ —	\$ —	\$ 1,010,381
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 570,381	\$ 220,000	\$ 220,000	\$ —	\$ —	\$ —	\$ 1,010,381
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	4,180,361
Estimated Carryforward into 2018-19	\$	324,842
Total Available Appropriations	\$	324,842

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.
Site is currently under construction with an estimated opening date of June 2018.

Department/Contact: Parks & Rec/James Teixeira

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$	425,000	\$ —	\$ —	\$ —	\$ —	\$ —	425,000
Mitigation Fee Act Fees		1,150,000	—	—	—	—	—	1,150,000
Developer Contributions		1,169,833	—	—	—	—	—	1,169,833
Donations		370	—	—	—	—	—	370
Intra Trs In - Dev Contrbts		1,760,000	—	—	—	—	—	1,760,000
Total	\$	4,505,203	\$ —	\$ —	\$ —	\$ —	\$ —	4,505,203
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	299,833	\$ —	\$ —	\$ —	\$ —	\$ —	299,833
Construction		4,205,370	—	—	—	—	—	4,205,370
Subtotal	\$	4,505,203	\$ —	\$ —	\$ —	\$ —	\$ —	4,505,203
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,505,203	\$ —	\$ —	\$ —	\$ —	\$ —	4,505,203
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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

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 Q2 2019

Status: Design and community input for FY 18-19. Followed by construction after design phase. Currently applying for grant funding. Funding carried forward.

Department/Contact: Parks & Rec/James Teixeira

Estimated Expenditures through 2017-18	\$	500,000
Estimated Carryforward into 2018-19	\$	500,000
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Trs In - Capital Proj Reserves	500,000	—	—	—	—	—	500,000
Total	\$ 1,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 115,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 115,000
Construction	885,000	—	—	—	—	—	885,000
Subtotal	\$ 1,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,000,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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: Community outreach and design work began in FY 2017-18. Concept diagram is completed. Easement design currently under review by PG&E.

Department/Contact: Parks & Rec/James Teixeira

Estimated Expenditures through 2017-18	\$	310,815
Estimated Carryforward into 2018-19	\$	2,879,185
Total Available Appropriations	\$	2,879,185

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

FUND 532 - PARKS AND RECREATION

Project ID/Name: 3185 **Facility Condition Assessment Project**
Project Type: Distinct
Program: 1132
Theme: Public Systems and Facilities
Location: City-wide Park Facilities

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: The City engaged Kitchell/CEM in April 2017 to conduct a facility inventory and condition assessment of all Parks & Recreation assets and amenities in parks, park buildings, pools, and other recreational facilities. The Project was completed in December 2017. The information from the report has been incorporated into the City's Enterprise Asset Management System (GIS) and the Work Order Management System (Lucity). The Report provides updated information for all assets including its location, condition, and current value; the Report provides the timing of, and the immediate and cumulative costs to budget for, repairs and replacements of each asset over a five year Capital Improvement Project (CIP) Budget and an asset 20 year life cycle forecast. The Report provided updated information to help define and/or prioritize capital improvement project scopes to fix, replace, renovate or upgrade park and recreation facilities.

Construction estimates include a 5% cost escalation rate. The report addresses in-kind replacement of deficiencies; a 35% contingency has been added to the deficiency cost, as the assessment does not consider facility expansion to serve additional population, or conversion of a facility to serve new and/or different needs.

Justification: Council Goal: Enhance sports & recreational assets.

This project addresses facility deficiencies identified as needing to be addressed in the first 5 years of the Parks & Recreation Facility Condition Assessment report (Kitchell-2017) based on observed issues at park sites.

Duration: Q1 2021 to Q4 2024

Status: Projects are identified, but unfunded.

Department/Contact: Parks & Recreation/James Teixeira

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Contingencies/Misc	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Note: Future project cost to be determined based on Council Direction.

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.					
	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ —	\$ 2,750,000	\$ —	\$ —	\$ 2,750,000	
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.					
	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ —	\$ 7,400,000	\$ —	\$ —	\$ 7,400,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	

Project Name:	Future 532-020	Park Development at City Place				
First Year Funding Requested:	2018	Status:	Future			
Description:	Development of parkland to be donated to the City as part of the City Place development agreement.					
Justification:	Council Goal: Enhance sports & recreational assets.					
	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ —	\$ —	\$ —	\$ 35,000,000	\$ 35,000,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	

FUND 532 - PARKS AND RECREATION

PROJECTS CLOSING IN 2018-19

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 34,590	\$ 15,296	\$ 19,294
Intra Trs In - Miscellaneous	\$ 147,410	\$ 65,410	\$ 82,000

Project ID/Name: **3179 Ulistac Natural Area Maintenance**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Grant Funding	\$ 165,249	\$ 165,249	\$ —
Intra Trs In - Dev Contrbts	\$ 132,000	\$ 56,759	\$ 75,241



City of Santa Clara

The Center of What's Possible

Fund 535 Storm Drains

FUND 535 - STORM DRAINS

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services							
Storm Drain Outlet Charges	\$ 1,097,077	\$ —	\$ —	\$ —	\$ —	\$ —	1,097,077
Subtotal	\$ 1,097,077	\$ —	\$ —	\$ —	\$ —	\$ —	1,097,077
Op Transfers							
Trs In - Capital Proj Reserves	\$ 7,673,652	\$ 1,845,000	\$ 4,400,000	\$ 2,870,000	\$ 580,000	\$ 665,000	18,033,652
Intra Trs In - Cust Svc Chrg	1,417,039	150,000	—	300,000	150,000	—	2,017,039
Subtotal	\$ 9,090,691	\$ 1,995,000	\$ 4,400,000	\$ 3,170,000	\$ 730,000	\$ 665,000	20,050,691
Other Revenues							
Developer Contributions	\$ 145,500	\$ —	\$ —	\$ —	\$ —	\$ —	145,500
Subtotal	\$ 145,500	\$ —	\$ —	\$ —	\$ —	\$ —	145,500
Total Financing Sources	\$ 10,333,268	\$ 1,995,000	\$ 4,400,000	\$ 3,170,000	\$ 730,000	\$ 665,000	21,293,268

* Amount represents cumulative appropriations since project inception.

FUND 535 - STORM DRAINS

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 433,660	\$ 895,000	\$ 300,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,628,660
Construction	9,682,179	1,100,000	4,100,000	11,670,000	9,230,000	9,165,000	44,947,179
Contingency	83,753	—	—	500,000	500,000	500,000	1,583,753
Salary And Wages	133,676	—	—	—	—	—	133,676
Subtotal Appropriations	\$ 10,333,268	\$ 1,995,000	\$ 4,400,000	\$ 13,170,000	\$ 10,730,000	\$ 10,665,000	\$ 51,293,268
Less: Deferred/Unfunded**		—	—	(10,000,000)	(10,000,000)	(10,000,000)	(30,000,000)
Total Appropriations	\$ 10,333,268	\$ 1,995,000	\$ 4,400,000	\$ 3,170,000	\$ 730,000	\$ 665,000	\$ 21,293,268
Operating Impact		\$ —	\$ 60,000	\$ 100,000	\$ 105,000	\$ 110,000	\$ 375,000

FUTURE PROJECTS

Description	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 600,000	\$ 500,000	\$ 500,000	\$ 1,600,000
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	1811	Pump Station Rehabilitation	\$ 920,000	\$ 915,000	\$ 5,000	\$ 100,000	\$ 105,000
Ongoing	1830	Development Extensions	83,473	83,473	—	—	—
Ongoing	1831	Miscellaneous Storm Drain Improvements	921,028	851,028	70,000	50,000	120,000
Ongoing	1834	Storm Drain System Improvements	590,374	392,107	198,267	—	198,267
Ongoing	1835	Storm Drain Outfall Reconstruction Program	1,023,000	1,023,000	—	200,000	200,000
Distinct	1837	Storm Water Retention Basin Remediation	2,869,887	2,869,887	—	—	—
Ongoing	1838	Storm Pump Motor and Control Replacement	1,740,317	1,340,317	400,000	—	400,000
Ongoing	1839	Urban Runoff Pollution Prevention Program (URPPP)	1,754,689	1,648,164	106,525	150,000	256,525
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	615,000	900,000
Distinct	1842	Westside Retention Basin Pump Station Pump Replacement Project	—	—	—	880,000	880,000
Total			\$ 10,333,268	\$ 9,142,976	\$ 1,190,292	\$ 1,995,000	\$ 3,185,292

* A project with no prior year appropriations used to be a work order project or is 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 2017-18	\$	915,000
Estimated Carryforward into 2018-19	\$	5,000
Total Available Appropriations	\$	105,000

Description: General 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: Ongoing maintenance of generators is necessary to keep pump stations functional during power outages to minimize flooding potential. Ongoing repairs and maintenance to facilities and buildings are necessary for employee safety and security.

Duration: Q1 2011 to Ongoing

Status: Single-line diagrams for specific pump stations have been developed. Back-up generators were maintained and annual load tests were completed. Video inspection of outfall pipes that drain to the Guadalupe River and San Tomas Aquino Creek were completed in FY 17/18.

Department/Contact: Public Works/Dave Staub

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	560,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 130,000	\$ 140,000	\$ 1,160,000
Intra Trs In - Cust Srvc Chrg		360,000	—	—	—	—	—	360,000
Total	\$	920,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 130,000	\$ 140,000	\$ 1,520,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	21,460	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 21,460
Construction		898,540	100,000	110,000	120,000	130,000	140,000	1,498,540
Subtotal	\$	920,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 130,000	\$ 140,000	\$ 1,520,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	920,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 130,000	\$ 140,000	\$ 1,520,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	83,473
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	83,473	\$ —	\$ —	\$ —	\$ —	\$ —	83,473
Total	\$	83,473	\$ —	\$ —	\$ —	\$ —	\$ —	83,473
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	83,473	\$ —	\$ —	\$ —	\$ —	\$ —	83,473
Subtotal	\$	83,473	\$ —	\$ —	\$ —	\$ —	\$ —	83,473
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	83,473	\$ —	\$ —	\$ —	\$ —	\$ —	83,473
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	851,028
Estimated Carryforward into 2018-19	\$	70,000
Total Available Appropriations	\$	120,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Storm Drain Outlet Charges	\$ 292,950	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 292,950
Trs In - Capital Proj Reserves	628,078	50,000	—	—	—	—	678,078
Total	\$ 921,028	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 971,028
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 33,710	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 33,710
Construction	866,189	50,000	—	—	—	—	916,189
Contingencies/Misc	8,593	—	—	—	—	—	8,593
Salary And Wages - Regular	12,536	—	—	—	—	—	12,536
Subtotal	\$ 921,028	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 971,028
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 921,028	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 971,028
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1834 **Storm Drain System Improvements**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2017-18	\$	392,107
Estimated Carryforward into 2018-19	\$	198,267
Total Available Appropriations	\$	198,267

Description: Preliminary engineering, design, and construction of storm drain system improvement projects. In 2015, the City completed a Storm Drain Master Plan that identified improvements needed to eliminate flooding for storm events of various magnitudes. Council received the findings of the Master Plan at the April 5, 2016 Council Meeting and directed staff to proceed with a storm drain fee and rate study to examine the funding potential for projects identified as "Highest" and "High" priority from the Master Plan. In February 2017, Council approved a contract with a consultant to prepare the study. Future storm drain system improvements are dependent upon the results of the study and availability of future funding.

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. Per Council's direction, the City's goal is to perform "Highest" priority projects to eliminate significant 2-yr flooding and flooding near critical facilities, and "High" priority projects to eliminate remaining 2-yr flooding and significant 10-yr flooding.

Duration: Q1 2010 to Ongoing

Status: Storm drain fee and rate study underway. Future construction of storm drain projects identified in the Storm Drain Masterplan are dependent upon results of the Study and availability of future funding. There are no projects currently under design or planned for construction.

Department/Contact: Public Works/Falguni Amin

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Storm Drain Outlet Charges	\$	554,127	\$ —	\$ —	\$ —	\$ —	\$ —	554,127
Trs In - Capital Proj Reserves		36,247	—	—	—	—	—	36,247
Total	\$	590,374	\$ —	\$ —	\$ —	\$ —	\$ —	590,374
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	136,247	\$ —	\$ —	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,136,247
Construction		397,937	—	—	8,500,000	8,500,000	8,500,000	25,897,937
Contingencies/Misc		19,358	—	—	500,000	500,000	500,000	1,519,358
Salary And Wages - Regular		36,832	—	—	—	—	—	36,832
Subtotal	\$	590,374	\$ —	\$ —	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 30,590,374
Less Deferred/Unfunded			—	—	(10,000,000)	(10,000,000)	(10,000,000)	(30,000,000)
Total	\$	590,374	\$ —	\$ —	\$ —	\$ —	\$ —	590,374
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	1,023,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	200,000

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 completed the Laurelwood pump station outfall repair work in FY 17/18. Undermining of outfall structures at Rambo and Westside Retention Basin pump stations has been identified. A consultant will need to be brought on to evaluate the significance, develop the scope and prioritize the necessity of the repairs. The pump station outfall pipes that discharge into the Guadalupe River and San Tomas Aquino Creek were video inspected by a contractor in FY 17/18 and rated using the US Army Corps of Engineers standards. Repairs to the outfall pipes to occur in FY 18/19.

Department/Contact: Public Works/Dave Staub

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Storm Drain Outlet Charges	\$	250,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Trs In - Capital Proj Reserves		773,000	200,000	300,000	300,000	—	—	1,573,000
Total	\$	1,023,000	\$ 200,000	\$ 300,000	\$ 300,000	\$ —	\$ —	\$ 1,823,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	646	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 646
Construction		1,022,354	200,000	300,000	300,000	—	—	1,822,354
Subtotal	\$	1,023,000	\$ 200,000	\$ 300,000	\$ 300,000	\$ —	\$ —	\$ 1,823,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,023,000	\$ 200,000	\$ 300,000	\$ 300,000	\$ —	\$ —	\$ 1,823,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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: Restore 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 Q2 2022

Status: The Westside Retention Basin Desilting Project was completed in 2017. Design and permitting for the Eastside Retention Basin Desilting Project is anticipated to begin in 2019, with construction anticipated to begin in 2021.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	2,869,887
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	2,869,887	\$ —	\$ 300,000	\$ 2,000,000	\$ —	\$ —	\$ 5,169,887
Total	\$	2,869,887	\$ —	\$ 300,000	\$ 2,000,000	\$ —	\$ —	\$ 5,169,887
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	4,395	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ 304,395
Construction		2,863,261	—	—	2,000,000	—	—	4,863,261
Contingencies/Misc		2,231	—	—	—	—	—	2,231
Subtotal	\$	2,869,887	\$ —	\$ 300,000	\$ 2,000,000	\$ —	\$ —	\$ 5,169,887
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	2,869,887	\$ —	\$ 300,000	\$ 2,000,000	\$ —	\$ —	\$ 5,169,887
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 pump stations operational to minimize the chance of flooding during large storm events.

Duration: Q3 2011 to Ongoing

Status: New pumps were installed at Lake Santa Clara, Lafayette over/under Fairway Glen and Freedom Circle pump stations in FY 17/18. Prioritization of additional pump replacements to occur in FY 18/19.

Department/Contact: Public Works/Dave Staub

Estimated Expenditures through 2017-18	\$	1,340,317
Estimated Carryforward into 2018-19	\$	400,000
Total Available Appropriations	\$	400,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	1,740,317	\$ —	\$ 450,000	\$ 450,000	\$ 450,000	\$ 525,000	\$ 3,615,317
Total	\$	1,740,317	\$ —	\$ 450,000	\$ 450,000	\$ 450,000	\$ 525,000	\$ 3,615,317
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	1,739,664	\$ —	\$ 450,000	\$ 450,000	\$ 450,000	\$ 525,000	\$ 3,614,664
Salary And Wages - Regular		653	—	—	—	—	—	653
Subtotal	\$	1,740,317	\$ —	\$ 450,000	\$ 450,000	\$ 450,000	\$ 525,000	\$ 3,615,317
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,740,317	\$ —	\$ 450,000	\$ 450,000	\$ 450,000	\$ 525,000	\$ 3,615,317
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	1,648,164
Estimated Carryforward into 2018-19	\$	106,525
Total Available Appropriations	\$	256,525

Description: The purchase and installation of full trash capture devices necessary to comply with Provision C.10 of the Municipal Regional Stormwater National Pollutant Discharge Elimination System Permit (MRP).

Justification: State mandated MRP requires covered public agencies to reduce trash loads entering into waterways by 80% by July 1, 2019 and 100% by July 1, 2022.

Duration: Q1 2011 to Ongoing

Status: City is currently compliant with the State's trashload reduction requirements. Additional full trash capture devices will need to be installed by June 30, 2019 to comply with the State's 80% trashload reduction mandate. Agreements are in place with a consultant to assist the City with identifying the best catch basin inlets to equip with new devices and a vendor to purchase, install, and maintain the additional devices.

Department/Contact: Public Works/Dave Staub

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	697,650	\$ —	\$ —	\$ —	\$ —	\$ —	697,650
Intra Trs In - Cust Srvc Chrg		1,057,039	150,000	—	300,000	150,000	—	1,657,039
Total	\$	1,754,689	\$ 150,000	\$ —	\$ 300,000	\$ 150,000	\$ —	2,354,689
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	12,202	\$ —	\$ —	\$ —	\$ —	\$ —	12,202
Construction		1,665,261	150,000	—	300,000	150,000	—	2,265,261
Contingencies/Misc		53,571	—	—	—	—	—	53,571
Salary And Wages - Regular		23,655	—	—	—	—	—	23,655
Subtotal	\$	1,754,689	\$ 150,000	\$ —	\$ 300,000	\$ 150,000	\$ —	2,354,689
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,754,689	\$ 150,000	\$ —	\$ 300,000	\$ 150,000	\$ —	2,354,689
Operating Impacts			\$ —	\$ 60,000	\$ 100,000	\$ 105,000	\$ 110,000	375,000

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: Relocation of the existing storm drain outfall at the north side of Saratoga Creek, west of Kiely Blvd. Due to the future work to construct the Saratoga Creek Trail (Homeridge Park to Central Park) project, this outfall that was to be constructed by the developer of the adjacent parcel provided a financial contribution to have the work completed by the City as part of the trail project.

Justification: The storm drain outfall conflicts with the proposed creek trail and will need to be relocated with the creek trail project.

Duration: Q1 2013 to Q3 2020

Status: Design is being completed as part of the design for the Saratoga Creek Trail (Homeridge Park to Central Park) project, Project ID 533-1204, which is currently underway.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	20,000
Estimated Carryforward into 2018-19	\$	125,500
Total Available Appropriations	\$	125,500

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

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	285,000
Total Available Appropriations	\$	900,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj							
Reserves	\$ 285,000	\$ 615,000	\$ 3,240,000	\$ —	\$ —	\$ —	\$ 4,140,000
Total	\$ 285,000	\$ 615,000	\$ 3,240,000	\$ —	\$ —	\$ —	\$ 4,140,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 225,000	\$ 615,000	\$ —	\$ —	\$ —	\$ —	\$ 840,000
Construction	—	—	3,240,000	—	—	—	3,240,000
Salary And Wages - Regular	60,000	—	—	—	—	—	60,000
Subtotal	\$ 285,000	\$ 615,000	\$ 3,240,000	\$ —	\$ —	\$ —	\$ 4,140,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 285,000	\$ 615,000	\$ 3,240,000	\$ —	\$ —	\$ —	\$ 4,140,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 535 - STORM DRAINS

Project ID/Name: 1842 **Westside Retention Basin Pump Station Pump Replacement Project**

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: 5401 Old Mountain View - Alviso Road

Description: The project will replace existing deteriorated pumps, motors, and associated piping and wiring.

Justification: During construction of the Westside Retention Basin Desilting Project, a condition assessment of the existing pumps was performed and revealed that the existing pumps are at their end of life and need to be replaced.

Duration: Q1 2019 to Q2 2019

Status: Design and Constructed anticipated 2018.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	880,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj							
Reserves	\$ —	\$ 880,000	\$ —	\$ —	\$ —	\$ —	\$ 880,000
Total	\$ —	\$ 880,000	\$ —	\$ —	\$ —	\$ —	\$ 880,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 280,000	\$ —	\$ —	\$ —	\$ —	\$ 280,000
Construction	—	600,000	—	—	—	—	600,000
Subtotal	\$ —	\$ 880,000	\$ —	\$ —	\$ —	\$ —	\$ 880,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 880,000	\$ —	\$ —	\$ —	\$ —	\$ 880,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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.					
	2019-20	2020-21	2021-22	2022-23	Total	
Project Costs	\$ —	\$ 600,000	\$ 500,000	\$ 500,000	\$ 1,600,000	
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	

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City of Santa Clara

The Center of What's Possible

Fund 536 Fire Department

FUND 536 - FIRE DEPARTMENT

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental							
Rev Frm Agency - Miscellaneous	\$ 109,952	\$ —	\$ —	\$ —	\$ —	\$ —	109,952
Grant Funding	597,015	—	—	—	—	—	597,015
Subtotal	\$ 706,967	\$ —	\$ —	\$ —	\$ —	\$ —	706,967
Op Transfers							
Trs In - Capital Proj Reserves	\$ 2,945,010	\$ 673,000	\$ 525,000	\$ 165,000	\$ 170,000	\$ 160,000	4,638,010
Subtotal	\$ 2,945,010	\$ 673,000	\$ 525,000	\$ 165,000	\$ 170,000	\$ 160,000	4,638,010
Total Financing Sources	\$ 3,651,977	\$ 673,000	\$ 525,000	\$ 165,000	\$ 170,000	\$ 160,000	5,344,977

* Amount represents cumulative appropriations since project inception.

FUND 536 - FIRE DEPARTMENT

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 60,000	\$ —	\$ —	\$ 350,000	\$ 3,650,000	\$ —	\$ 4,060,000
Construction	259,220	—	—	—	4,000,000	—	4,259,220
Contingency	50,280	—	—	—	—	—	50,280
Equipment	3,282,477	673,000	525,000	165,000	170,000	160,000	4,975,477
Subtotal Appropriations	\$ 3,651,977	\$ 673,000	\$ 525,000	\$ 515,000	\$ 7,820,000	\$ 160,000	\$ 13,344,977
Less: Deferred/Unfunded**		—	—	(350,000)	(7,650,000)	—	(8,000,000)
Total Appropriations	\$ 3,651,977	\$ 673,000	\$ 525,000	\$ 165,000	\$ 170,000	\$ 160,000	\$ 5,344,977
Operating Impact		\$ —	\$ 1,200	\$ 8,150	\$ 1,800	\$ 8,650	\$ 19,800

FUTURE PROJECTS

Description	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 536 - FIRE DEPARTMENT

PROJECT SUMMARY

Project Type*	Project ID	Project Title	Prior Years Appropriations	Prior Years Expenditures	Carryforward Balance	2018-19 Appropriations	Total Available Appropriations
Ongoing	4084	Protective Equipment Replacement	\$ 2,364,647	\$ 2,364,647	\$ —	\$ 203,000	\$ 203,000
Distinct	4085	Emergency Operations Center Communications System Upgrade	247,378	205,996	41,382	—	41,382
Distinct	4086	Emergency Operations Center Capital Refurbishment	580,000	305,246	274,754	—	274,754
Distinct	4088	EMS System First Responder Projects	109,952	93,835	16,117	—	16,117
Distinct	4094	Computer Aided Dispatch (CAD) Alerting System Upgrade	190,000	190,000	—	200,000	200,000
Distinct	4096	Fire Station 5 Repair/Replacement	160,000	41,587	118,413	—	118,413
Distinct	4097	Diesel Exhaust Removal Systems	—	—	—	270,000	270,000
Total			\$ 3,651,977	\$ 3,201,311	\$ 450,666	\$ 673,000	\$ 1,123,666

* A project with no prior year appropriations used to be a work order project or is 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, Santa Clara, CA 95051

Description: Ongoing replacement of protective firefighting equipment that has reached the limit of service live. Equipment includes 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. This project supports the Council goal of delivery and enhancing high quality efficient services by ensuring the provided PPE is replaced as necessary to ensure the safety of the employees so they can perform life and property saving operations.

Duration: Q3 2008 to Ongoing

Status: 45 sets of structural PPE and 70 sets of wildland PPE must be replaced in order to meet safety standards.

Department/Contact: Fire/Nicole Gresham

Estimated Expenditures through 2017-18	\$	2,364,647
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	203,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$	555,637	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 555,637
Trs In - Capital Proj Reserves		1,809,010	203,000	175,000	165,000	170,000	160,000	2,682,010
Total	\$	2,364,647	\$ 203,000	\$ 175,000	\$ 165,000	\$ 170,000	\$ 160,000	\$ 3,237,647
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Contingencies/Misc	\$	15,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 15,000
Equipment		2,349,647	203,000	175,000	165,000	170,000	160,000	3,222,647
Subtotal	\$	2,364,647	\$ 203,000	\$ 175,000	\$ 165,000	\$ 170,000	\$ 160,000	\$ 3,237,647
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	2,364,647	\$ 203,000	\$ 175,000	\$ 165,000	\$ 170,000	\$ 160,000	\$ 3,237,647
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q4 2019

Status: Satellite phones, computer aided emergency dispatch console and related peripheral equipment to be added in FY 2018-19.

Department/Contact: Fire/Lisa Schoenthal

Estimated Expenditures through 2017-18	\$	205,996
Estimated Carryforward into 2018-19	\$	41,382
Total Available Appropriations	\$	41,382

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Grant Funding	\$	41,378	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 41,378
Trs In - Capital Proj Reserves		206,000	—	—	—	—	—	206,000
Total	\$	247,378	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 247,378
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Contingencies/Misc	\$	34,500	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 34,500
Equipment		212,878	—	—	—	—	—	212,878
Subtotal	\$	247,378	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 247,378
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	247,378	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 247,378
Operating Impacts			\$ —	\$ 1,200	\$ 1,500	\$ 1,800	\$ 2,000	\$ 6,500

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 2017-18	\$	305,246
Estimated Carryforward into 2018-19	\$	274,754
Total Available Appropriations	\$	274,754

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, including the roof, security access system and interior modification to accommodate modern EOC equipment and displays.

Justification: Facility vacated after long time use as a 911 dispatch center and converted EOC. Modifications are needed to make it more useful as a stand alone 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 public safety radio equipment. Maintaining a secure building with fully functioning support system is vital to ensure public safety and citizen welfare. This project supports the Council coal 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 2018-19. Security upgrades to begin in FY 2018-19, with completion expected by the end of FY 2018-19.

Department/Contact: Fire/Lisa Schoenthal

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	580,000	\$ —	\$ —	\$ —	\$ —	\$ —	580,000
Total	\$	580,000	\$ —	\$ —	\$ —	\$ —	\$ —	580,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	159,220	\$ —	\$ —	\$ —	\$ —	\$ —	159,220
Contingencies/Misc		780	—	—	—	—	—	780
Equipment		420,000	—	—	—	—	—	420,000
Subtotal	\$	580,000	\$ —	\$ —	\$ —	\$ —	\$ —	580,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	580,000	\$ —	\$ —	\$ —	\$ —	\$ —	580,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 Street, Santa Clara, CA 95050

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 Q4 2020

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

Department/Contact: Fire/Casey Potts

Estimated Expenditures through 2017-18	\$	93,835
Estimated Carryforward into 2018-19	\$	16,117
Total Available Appropriations	\$	16,117

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

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 Street, Santa Clara, CA 95050

Estimated Expenditures through 2017-18	\$	190,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	200,000

Description: Mandatory upgrade of CAD radio alert system, which notifies fire station personnel that emergency response is required and is also responsible for ensuring 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, unrepairable 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 associated hardware replacement for all 10 fire stations to be completed in FY 2018-19 and FY 2019-20.

Department/Contact: Fire/John Madden

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 190,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Total	\$ 190,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Equipment	\$ 190,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Subtotal	\$ 190,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 190,000	\$ 200,000	\$ 350,000	\$ —	\$ —	\$ —	\$ 740,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 65 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 for optimum protection of 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 Q2 2019

Status: Site study was completed in FY 2017-18 with remodel and rebuild options. Design/engineering and construction is expected to begin in FY 2018-19 if the study recommendations are approved.

Department/Contact: Fire/John Madden

Estimated Expenditures through 2017-18	\$	41,587
Estimated Carryforward into 2018-19	\$	118,413
Total Available Appropriations	\$	118,413

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj							
Reserves	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ —	160,000
Total	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ —	160,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 60,000	\$ —	\$ —	\$ 350,000	\$ 3,650,000	\$ —	4,060,000
Construction	100,000	—	—	—	4,000,000	—	4,100,000
Subtotal	\$ 160,000	\$ —	\$ —	\$ 350,000	\$ 7,650,000	\$ —	8,160,000
Less Deferred/Unfunded		—	—	(350,000)	(7,650,000)	—	(8,000,000)
Total	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ —	160,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 536 - FIRE DEPARTMENT

Project ID/Name: 4097 Diesel Exhaust Removal Systems

Project Type: Distinct

Program: 7822

Theme: Public Systems and Facilities

Location: Various fire stations

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	270,000

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. Formerly Future 536-005 project.

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 exposed to diesel exhaust from the apparatus running in high idle. Fire stations currently utilize diesel exhaust removal systems to remove airborne diesel particulates from apparatus bays and provide clean environments for firefighters in which to work. Currently, a variety of fixed diesel exhaust removal systems in use in existing fire stations are proving costly to repair, and the lack of vendor support renders systems inoperable several times per year. Outfitting each apparatus with a replacement direct source, diesel-capture system will significantly reduce the various airborne contaminants, as well as eliminate the need for expensive repairs for those systems currently in use. This meets the Council goal of delivering and enhancing high quality efficient services by protecting emergency responders and the public.

Duration: Q3 2018 to Q2 2019

Status: A 10% federal grant match is requested in FY 18/19 to provide diesel exhaust removal systems on all front-line fire apparatus.

Department/Contact: Fire/John Madden

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj								
Reserves	\$	—	\$ 270,000	\$ —	\$ —	\$ —	\$ —	\$ 270,000
Total	\$	—	\$ 270,000	\$ —	\$ —	\$ —	\$ —	\$ 270,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Equipment	\$	—	\$ 270,000	\$ —	\$ —	\$ —	\$ —	\$ 270,000
Subtotal	\$	—	\$ 270,000	\$ —	\$ —	\$ —	\$ —	\$ 270,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	—	\$ 270,000	\$ —	\$ —	\$ —	\$ —	\$ 270,000
Operating Impacts			\$ —	\$ —	\$ 6,650	\$ —	\$ 6,650	\$ 13,300

FUND 536 - FIRE DEPARTMENT

PROJECTS CLOSING IN 2018-19

Project ID/Name: **4092 Fire Station Generator Replacements**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 175,000 \$	58,513 \$	116,487

* This project is consolidated into Project 538-6158.

Project ID/Name: **4095 Emergency Response Technology Updates**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 237,300 \$	179,686 \$	57,614

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City of Santa Clara

The Center of What's Possible

Fund 537 Library Department

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers							
Trs In - Capital Proj Reserves	\$ 2,702,190	\$ 220,000	\$ —	\$ —	\$ —	\$ —	2,922,190
Trs In - Land Sale Reserves	2,061,946	—	—	—	—	—	2,061,946
Subtotal	\$ 4,764,136	\$ 220,000	\$ —	\$ —	\$ —	\$ —	4,984,136
Total Financing Sources	\$ 4,764,136	\$ 220,000	\$ —	\$ —	\$ —	\$ —	4,984,136

* Amount represents cumulative appropriations since project inception.

FUND 537 - LIBRARY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 33,000	\$ 10,000	\$ —	\$ —	\$ —	\$ —	43,000
Construction	1,837,300	210,000	—	—	—	—	2,047,300
Equipment	2,893,836	—	—	—	—	—	2,893,836
Subtotal Appropriations	\$ 4,764,136	\$ 220,000	\$ —	\$ —	\$ —	\$ —	4,984,136
Less: Deferred/Unfunded**		—	—	—	—	—	—
Total Appropriations	\$ 4,764,136	\$ 220,000	\$ —	\$ —	\$ —	\$ —	4,984,136
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

FUTURE PROJECTS

Description	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 537 - LIBRARY

PROJECT SUMMARY

Project Type*	Project ID	Project Title	Prior Years Appropriations	Prior Years Expenditures	Carryforward Balance	2018-19 Appropriations	Total Available Appropriations
Distinct	5044	Remodel of Mission Branch Library	\$ 4,764,136	\$ 4,764,136	\$ —	\$ —	\$ —
Distinct	5049	Public Spaces	—	—	—	220,000	220,000
Total			\$ 4,764,136	\$ 4,764,136	\$ —	\$ 220,000	\$ 220,000

* A project with no prior year appropriations used to be a work order project or is a new project.

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 undergoing renovation 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. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q4 2015 to Q3 2018

Status: The project broke ground in December 2017 with completion targeted for July 2018.

Department/Contact: Library/Hilary Keith

Estimated Expenditures through 2017-18	\$	4,764,136
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	2,702,190	\$ —	\$ —	\$ —	\$ —	\$ —	2,702,190
Trs In - Land Sale Reserves		2,061,946	—	—	—	—	—	2,061,946
Total	\$	4,764,136	\$ —	\$ —	\$ —	\$ —	\$ —	4,764,136
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	33,000	\$ —	\$ —	\$ —	\$ —	\$ —	33,000
Construction		1,837,300	—	—	—	—	—	1,837,300
Equipment		2,893,836	—	—	—	—	—	2,893,836
Subtotal	\$	4,764,136	\$ —	\$ —	\$ —	\$ —	\$ —	4,764,136
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,764,136	\$ —	\$ —	\$ —	\$ —	\$ —	4,764,136
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 537 - LIBRARY

Project ID/Name: 5049 **Public Spaces**
Project Type: Distinct
Program: 1221
Theme: Public Systems and Facilities
Location: 2635 Homestead Road, Santa Clara, CA 95051

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	220,000

Description: Convert under utilized back-of-house Library staff space to publicly accessible space and meeting rooms.

Justification: The Library's current meeting space is inadequate to meet the demand. The Library has two large community meeting rooms, three study rooms and two board rooms that are in constant demand by the public, City staff, and partnering organizations. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.

Duration: Q3 2018 to Q2 2019

Status: New Project

Department/Contact: Library/Hilary Keith

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ —	\$ 220,000	\$ —	\$ —	\$ —	\$ —	\$ 220,000
Total	\$ —	\$ 220,000	\$ —	\$ —	\$ —	\$ —	\$ 220,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ 10,000
Construction	—	210,000	—	—	—	—	210,000
Subtotal	\$ —	\$ 220,000	\$ —	\$ —	\$ —	\$ —	\$ 220,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 220,000	\$ —	\$ —	\$ —	\$ —	\$ 220,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECTS CLOSING IN 2018-19

Project ID/Name: 5043 Central Park Library Refurbishment

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 978,388	\$ 978,388	\$ —
Trs In - Land Sale Reserves	\$ 427,000	\$ 427,000	\$ —

Project ID/Name: 5046 Automated Invoicing System

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 25,000	\$ 25,000	\$ —

Project ID/Name: 5047 Public Computer Access Upgrades

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 60,000	\$ 60,000	\$ —

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

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 400,000	\$ 400,000	\$ —



City of Santa Clara

The Center of What's Possible

Fund 538 Public Buildings

FUND 538 - PUBLIC BUILDINGS

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers							
Trs In - Auto	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —	230,000
Trs In - Capital Proj Reserves	9,365,238	3,672,105	1,560,000	575,000	575,000	575,000	16,322,343
Trs In - Bldg Insp Reserves	55,000	—	—	—	—	—	55,000
Intra Trs In - Miscellaneous	100,000	—	—	—	—	—	100,000
Subtotal	\$ 9,750,238	\$ 3,672,105	\$ 1,560,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 16,707,343
Total Financing Sources	\$ 9,750,238	\$ 3,672,105	\$ 1,560,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 16,707,343

* Amount represents cumulative appropriations since project inception.

FUND 538 - PUBLIC BUILDINGS

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 899,173	\$ 1,007,500	\$ 7,500	\$ 1,787,500	\$ 307,500	\$ 7,500	\$ 4,016,673
Construction	8,007,550	2,649,605	1,537,500	19,687,500	1,777,500	1,157,500	34,817,155
Contingency	306,887	15,000	15,000	1,935,000	15,000	210,000	2,496,887
Equipment	495,576	—	—	—	—	—	495,576
Salary And Wages	41,052	—	—	400,000	—	—	441,052
Subtotal Appropriations	\$ 9,750,238	\$ 3,672,105	\$ 1,560,000	\$ 23,810,000	\$ 2,100,000	\$ 1,375,000	\$ 42,267,343
Less: Deferred/Unfunded**		—	—	(23,235,000)	(1,525,000)	(800,000)	(25,560,000)
Total Appropriations	\$ 9,750,238	\$ 3,672,105	\$ 1,560,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 16,707,343
Operating Impact		\$ —	\$ 11,325	\$ —	\$ —	\$ —	\$ 11,325

FUTURE PROJECTS

Description	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ 1,210,000	\$ 3,500,000	\$ —	\$ 4,710,000
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	6047	City Building Assessment	\$ 334,489	\$ 234,489	\$ 100,000	\$ —	\$ 100,000
Ongoing	6054	Street Corporation Yard Renovation	1,172,000	1,117,000	55,000	60,000	115,000
Distinct	6078	Council Chamber Remodel	198,458	196,854	1,604	—	1,604
Distinct	6085	Cafeteria Upgrade	140,000	140,000	—	—	—
Ongoing	6123	Public Building Parking Lot Improvements	425,597	350,597	75,000	87,105	162,105
Distinct	6132	City Hall HVAC Renovation	793,000	685,172	107,828	—	107,828
Distinct	6134	Overfill-Tank Replacement	1,499,313	869,313	630,000	—	630,000
Ongoing	6137	Hazardous Material Management for Soil and Groundwater on City Properties	621,572	521,572	100,000	—	100,000
Ongoing	6138	Repairs-Modifications to City Buildings	1,356,985	1,356,985	—	150,000	150,000
Ongoing	6139	Repair to Historic Buildings	371,492	371,492	—	140,000	140,000
Ongoing	6140	Triton Museum Repair and Modifications	497,332	397,332	100,000	35,000	135,000
Distinct	6147	Building Security Upgrade	715,000	692,000	23,000	—	23,000
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	—	150,000	150,000
Distinct	6153	ADA Self Evaluation and Transition Plan Update	—	—	—	500,000	500,000
Ongoing	6154	Convention Center Condition Assessment Repairs	—	—	—	—	—
Ongoing	6155	Police Building Condition Assessment Repairs	—	—	—	—	—
Ongoing	6156	Convention Center Garage Condition Assessment Repairs	—	—	—	—	—
Ongoing	6157	City Hall Condition Assessment Repairs	—	—	—	—	—
Distinct	6158	Stationary Standby Generators	1,275,000	765,000	510,000	2,350,000	2,860,000
Ongoing	6159	Fall Safety Building Improvements	—	—	—	200,000	200,000
Total			\$ 9,750,238	\$ 8,047,806	\$ 1,702,432	\$ 3,672,105	\$ 5,374,537

* A project with no prior year appropriations used to be a work order project or is 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 FY 2018-19 will be on the Triton Museum, Old Courthouse Building, Berman Building, and Corporation yard. Assessment of Parks buildings is completed separately from this project and is not included in this project.

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 2017-18	\$	234,489
Estimated Carryforward into 2018-19	\$	100,000
Total Available Appropriations	\$	100,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	334,489	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 334,489
Total	\$	334,489	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 334,489
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	166,338	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 166,338
Construction		166,567	—	—	—	—	—	166,567
Salary And Wages - Regular		1,584	—	—	—	—	—	1,584
Subtotal	\$	334,489	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 334,489
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	334,489	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 334,489
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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.

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 2019

Status: Fence replacement around the debris bunker completed in 2016.
FY17/18 - Design completed on automated employee parking lot drive-thru gate and security card controller to work with existing security system.
FY18/19 - Begin construction on automated employee parking lot drive-thru gate and security card controller to work with existing security system.

Department/Contact: Public Works/Chris Fazzi

Estimated Expenditures through 2017-18	\$	1,117,000
Estimated Carryforward into 2018-19	\$	55,000
Total Available Appropriations	\$	115,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	1,172,000	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ 1,232,000
Total	\$	1,172,000	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ 1,232,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	35,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 35,000
Construction		1,058,683	60,000	—	—	—	—	1,118,683
Contingencies/Misc		7,277	—	—	—	—	—	7,277
Equipment		56,759	—	—	—	—	—	56,759
Salary And Wages - Regular		14,281	—	—	—	—	—	14,281
Subtotal	\$	1,172,000	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ 1,232,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,172,000	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ 1,232,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q2 2023

Status: Project currently on hold.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	196,854
Estimated Carryforward into 2018-19	\$	1,604
Total Available Appropriations	\$	1,604

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj							
Reserves	\$ 198,458	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 198,458
Total	\$ 198,458	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 198,458
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 88,153	\$ —	\$ —	\$ 620,000	\$ —	\$ —	\$ 708,153
Construction	70,736	—	—	3,800,000	—	—	3,870,736
Contingencies/Misc	10,000	—	—	380,000	—	—	390,000
Equipment	28,569	—	—	—	—	—	28,569
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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

Estimated Expenditures through 2017-18	\$	140,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

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 Q2 2023

Status: Project currently on hold.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj							
Reserves	\$ 140,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 140,000
Total	\$ 140,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 140,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 114,737	\$ —	\$ —	\$ 120,000	\$ —	\$ —	\$ 234,737
Construction	756	—	—	1,150,000	—	—	1,150,756
Contingencies/Misc	13,061	—	—	140,000	—	—	153,061
Equipment	10,248	—	—	—	—	—	10,248
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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 various public building parking lots are planned on as-needed basis.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	350,597
Estimated Carryforward into 2018-19	\$	75,000
Total Available Appropriations	\$	162,105

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 425,597	\$ 87,105	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 712,702
Total	\$ 425,597	\$ 87,105	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 712,702
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 424,272	\$ 87,105	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 711,377
Salary And Wages - Regular	1,325	—	—	—	—	—	1,325
Subtotal	\$ 425,597	\$ 87,105	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 712,702
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 425,597	\$ 87,105	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 712,702
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q2 2023

Status: Phase I Central System Equipment was completed in 2008 and generally included replacement of the Chiller, Boiler, Pump, and associated MEP work. Subsequent phases identified in the City Hall HVAC System Renovation Study are on hold. Subsequent phases would generally include all other HVAC needs identified in the study such as East Wing and West Wing air handler upgrades and exhaust fan replacement.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	685,172
Estimated Carryforward into 2018-19	\$	107,828
Total Available Appropriations	\$	107,828

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 793,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 793,000
Total	\$ 793,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 793,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 75,000	\$ —	\$ —	\$ 40,000	\$ —	\$ —	\$ 115,000
Construction	714,735	—	—	760,000	—	—	1,474,735
Salary And Wages - Regular	3,265	—	—	—	—	—	3,265
Subtotal	\$ 793,000	\$ —	\$ —	\$ 800,000	\$ —	\$ —	\$ 1,593,000
Less Deferred/Unfunded		—	—	(800,000)	—	—	(800,000)
Total	\$ 793,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 793,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	869,313
Estimated Carryforward into 2018-19	\$	630,000
Total Available Appropriations	\$	630,000

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-longer 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 - Award construction contract and begin construction work.
FY 2018-19 - Complete Construction

Department/Contact: Public Works/Chris Fazzi

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Auto	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 230,000
Trs In - Capital Proj Reserves	1,269,313	—	—	—	—	—	1,269,313
Total	\$ 1,499,313	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,499,313
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 85,445	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 85,445
Construction	1,357,642	—	—	—	—	—	1,357,642
Contingencies/Misc	56,226	—	—	—	—	—	56,226
Subtotal	\$ 1,499,313	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,499,313
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,499,313	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,499,313
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6137 **Hazardous Material Management for Soil and Groundwater on City Properties**

Project Type: Ongoing

Program: 4463

Theme: Public Systems and Facilities

Location: Miscellaneous City-owned locations

Description: Address soil and groundwater contamination issues for City properties including: monitoring and oversight of existing sites containing regulated materials; payment of fees due to regulatory and/or oversight agencies, and development and implementation of contracts for remediation, construction or management services

Justification: To manage or remove hazardous materials in soil or groundwater in compliance with environmental laws

Duration: Q1 2010 to Ongoing

Status: Ongoing.

Department/Contact: Public Works/Craig Temple

Estimated Expenditures through 2017-18	\$	521,572
Estimated Carryforward into 2018-19	\$	100,000
Total Available Appropriations	\$	100,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	621,572	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 621,572
Total	\$	621,572	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 621,572
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	17,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 17,000
Construction		582,850	—	—	—	—	—	582,850
Contingencies/Misc		6,722	—	—	—	—	—	6,722
Salary And Wages - Regular		15,000	—	—	—	—	—	15,000
Subtotal	\$	621,572	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 621,572
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	621,572	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 621,572
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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. Past projects have included carpet, furniture, electrical upgrades, general repairs.

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

Duration: Q1 2011 to Ongoing

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

Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2017-18	\$	1,356,985
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	150,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 1,301,985	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,051,985
Trs In - Bldg Insp Reserves	55,000	—	—	—	—	—	55,000
Total	\$ 1,356,985	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,106,985
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 107,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 145,000
Construction	1,174,485	132,500	132,500	132,500	132,500	132,500	1,836,985
Contingencies/Misc	71,601	10,000	10,000	10,000	10,000	10,000	121,601
Salary And Wages - Regular	3,399	—	—	—	—	—	3,399
Subtotal	\$ 1,356,985	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,106,985
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,356,985	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,106,985
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6139 **Repair to Historic Buildings**

Project Type: Ongoing

Program: 2222

Theme: Public Systems and Facilities

Location: Historic Buildings (Harris Lass House, Headen Inman House, Jamison Brown House, Berryessa Adobe, Morse Mansion)

Description: Repair, replace or upgrade building components to the City-owned historic buildings.
Focus in 2018: Harris Lass (rebuild porch and windmill structure); Berryessa Adobe (whitewash exterior and adobe repair); and general repairs.

Justification: To preserve the integrity and appearance of historic properties. All work is under the guidance of a Historical Architect.

Duration: Q1 2011 to Ongoing

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

Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2017-18	\$	371,492
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	140,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 371,492	\$ 140,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,471,492
Total	\$ 371,492	\$ 140,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,471,492
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 334,492	\$ 140,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,434,492
Contingencies/Misc	37,000	—	—	—	—	—	37,000
Subtotal	\$ 371,492	\$ 140,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,471,492
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 371,492	\$ 140,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 240,000	\$ 1,471,492
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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. Roof replacement budgeted at \$535,000 is planned for 2022.

Justification: Various projects to maintain the appearance and operating efficiency of the facility.

Duration: Q1 2011 to Ongoing

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

Department/Contact: Public Works/Ken Winland

Estimated Expenditures through 2017-18	\$	397,332
Estimated Carryforward into 2018-19	\$	100,000
Total Available Appropriations	\$	135,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 497,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 672,332
Total	\$ 497,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 672,332
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 442,332	\$ 30,000	\$ 30,000	\$ 30,000	\$ 530,000	\$ 35,000	\$ 1,097,332
Contingencies/Misc	55,000	5,000	5,000	5,000	5,000	—	75,000
Subtotal	\$ 497,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 535,000	\$ 35,000	\$ 1,172,332
Less Deferred/Unfunded		—	—	—	(500,000)	—	(500,000)
Total	\$ 497,332	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 672,332
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	692,000
Estimated Carryforward into 2018-19	\$	23,000
Total Available Appropriations	\$	23,000

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. As a condition of the building permit, backflow preventer upgrade on the existing fire service water line is required.

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. The backflow preventer upgrade on the existing fire service water line is required per California State Water Resources Control Board Division of Drinking Water and City of Santa Clara Water Service and Use Rules and Regulations.

Duration: Q1 2017 to Q4 2018

Status: Security audit and assessment was completed FY16-17. Implementation and construction will be completed in FY17-18. Anticipated 100% completion Q4 of 2018. Security improvements will be completed in Q1 of 2018. Backflow preventer upgrade construction will be completed in FY18-19.

Department/Contact: Police/Wahid Kazem

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	615,000	\$ —	\$ —	\$ —	\$ —	\$ —	615,000
Intra Trs In - Miscellaneous		100,000	—	—	—	—	—	100,000
Total	\$	715,000	\$ —	\$ —	\$ —	\$ —	\$ —	715,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	100,000	\$ —	\$ —	\$ —	\$ —	\$ —	100,000
Construction		565,000	—	—	—	—	—	565,000
Contingencies/Misc		50,000	—	—	—	—	—	50,000
Subtotal	\$	715,000	\$ —	\$ —	\$ —	\$ —	\$ —	715,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	715,000	\$ —	\$ —	\$ —	\$ —	\$ —	715,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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: Q3 2020 to Q2 2021

Status: On hold.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ —	\$ —	\$ 1,000,000	\$ —	\$ —	\$ 1,000,000
Construction	—	—	—	9,600,000	—	—	9,600,000
Contingencies/Misc	—	—	—	1,000,000	—	—	1,000,000
Salary And Wages - Regular	—	—	—	400,000	—	—	400,000
Subtotal	\$ —	\$ —	\$ —	\$ 12,000,000	\$ —	\$ —	\$ 12,000,000
Less Deferred/Unfunded		—	—	(12,000,000)	—	—	(12,000,000)
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	250,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves		\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Total		\$ 250,000	\$ —	\$ 260,000	\$ —	\$ —	\$ —	\$ 510,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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 Impacts			\$ —	\$ 11,325	\$ —	\$ —	\$ —	\$ 11,325

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 2017-18	\$	100,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	150,000

Description: Installation of Security Cameras & Card Key access at exterior entrance doors, card readers in various department interior doors, upgrade Human Resources key card system and upgrade City locks to an interchangeable core and ADA locksets. Building Maintenance and IT are working on an RFP for implementation in 2018-2019.

Justification: To enhance security and access at City Hall and to comply with ADA standards.

Duration: Q1 2018 to Q2 2019

Status: In process.

Department/Contact: Public Works/Ken Winland

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 100,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Total	\$ 100,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 10,000
Construction	90,000	150,000	—	—	—	—	240,000
Subtotal	\$ 100,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 100,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6153 **ADA Self Evaluation and Transition Plan Update**

Project Type: Distinct

Program: 4443

Theme: Public Systems and Facilities

Location: Various Locations Citywide

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	500,000

Description: Update to the City's self-evaluation and transition plan in accordance with the Americans with Disabilities Act of 1990 (ADA) and the Rehabilitation Act of 1973.

Justification: An update to the City's self-evaluation and transition plan will ensure that barriers in access to programs, activities, and facilities for persons with disabilities are identified and removed based upon current conditions.

Duration: Q3 2018 to Q2 2019

Status: Anticipated to begin in 2018.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Total	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Subtotal	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6154 **Convention Center Condition Assessment Repairs**
Project Type: Ongoing
Program: 4443
Theme: Public Systems and Facilities
Location: 5001 Great America Parkway

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: The project will repair, upgrade, and improve existing building systems, which include: utilities; exterior site; foundations; walls; roofing; HVAC; interior plumbing; gas distribution; electrical; elevators; fire protection and security systems; and interior spaces.

Justification: In Fall 2017, a facility condition assessment of the Santa Clara Convention Center was completed in order to understand its current condition and identify immediate and future repairs to avoid costly replacement of building systems and ensure that the building is safe for occupancy. The Condition Assessment Report rates the building as in good condition and recommended various repairs and upgrades to existing architecture, structure, mechanics, plumbing, interior spaces, and exterior site.

Duration: Q1 2021 to Ongoing

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/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Construction	—	—	—	—	—	—	—
Subtotal	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Note: Future project cost to be determined based on Council Direction.

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6155 **Police Building Condition Assessment Repairs**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: 601 El Camino Real

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: The project will repair, upgrade, and improve existing parking lot, access controls, interior and exterior electrical fixtures, roof, exterior glazings, HVAC, interior plumbing, generator, elevator, fire protection and security system.

Justification: In Fall 2017, a facility condition assessment of the Police Building was completed in order to identify needed repairs. The Condition Assessment Report rates the building as in good condition and recommended minor repair, upgrade, and improvement to various electrical and mechanical equipment and fixtures, fire protection, security, and architectural systems.

Duration: Q1 2023 to Ongoing

Status: Facility Condition Assessment completed in 2017.

Department/Contact: Public Works/Falguni Amin

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$	—	\$	—	\$	—	\$	—
Total	\$	—	\$	—	\$	—	\$	—
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	—	\$	—	\$	—	\$	—
Construction		—	—	—	—	—	—	—
Subtotal	\$	—	\$	—	\$	—	\$	—
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	—	\$	—	\$	—	\$	—
Operating Impacts	\$	—	\$	—	\$	—	\$	—

Note: Future project cost to be determined based on Council Direction.

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6156 **Convention Center Garage Condition Assessment Repairs**

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: 5001 Great America Parkway

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: The project will rehabilitate existing parking garage, which includes the following: concrete deck, striping and marking, various electrical equipment, lighting, elevator, and various concrete structures.

Justification: In Fall 2017, a facility condition assessment of the Santa Clara Convention Center parking garage was completed in order to understand its current condition and identify immediate and future repairs to avoid costly reconstruction of the concrete deck and associated infrastructures.

Duration: Q1 2021 to Ongoing

Status: Facility Condition Assessment completed in 2017.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Construction	—	—	—	—	—	—	—
Subtotal	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Note: Future project cost to be determined based on Council Direction.

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6157 **City Hall Condition Assessment Repairs**
Project Type: Ongoing
Program: 4443
Theme: Public Systems and Facilities
Location: 1500 Warburton Avenue

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: The project will repair, upgrade, and improve existing path of travel, parking lots, electrical and mechanical equipment and fixtures, HVAC, restroom, onsite plumbing, emergency generator, security, fire protection, interior finishes and walls, and various exterior infrastructures.

Justification: In Fall 2017, a facility condition assessment of the City Hall was completed in order to identify repairs and improvements to meet current codes and ensure that the building is safe for occupancy. The Condition Assessment Report rates the building as in fair condition and indicated that the building has been subjected to wear, but is still in serviceable and functioning condition. The Report recommended various repairs and upgrades, which include to existing architecture, structure, mechanics, plumbing, interior spaces, exterior site, fire protection, and security system.

Duration: Q1 2021 to Ongoing

Status: Facility Condition Assessment completed in 2017.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Construction	—	—	—	—	—	—	—
Subtotal	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

Note: Future project cost to be determined based on Council Direction.

FUND 538 - PUBLIC BUILDINGS

Project ID/Name*: **6158** **Stationary Standby Generators**

Project Type: Distinct

Program: 2222

Theme: Public Systems and Facilities

Location: Various City Owned Sites

Estimated Expenditures through 2017-18	\$	765,000
Estimated Carryforward into 2018-19	\$	510,000
Total Available Appropriations	\$	2,860,000

Description: Funding to evaluate and replace Stationary Emergency Standby Generators as recommended. New project to combine closing project 536-4092 (Fire Station Generator Replacements for Fire Station 8) and existing project 538-6146 (Stationary Standby Generators.)

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 Q2 2020

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:
Phase 1 - replace 10 generators
Phase 2 - replace 11 generators
Phase 3 - replace 6 generators
FY2016-17 - Fire Station #9 Emergency Standby Generator was replaced by Fleet Management in 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 - Awarded contract with Consultant on engineering design of Phase 1 (10 generators)
FY 2018-19 - Award construction bid on phase 1 (10 generators)
 - Add remaining money for Fire Station 8 (1 generator at \$116,487)
FY 2019-20 - Complete construction on phase 1 (10 generators)
FY 2019-20 - Award engineering design on phase 2 (11 generators)
FY 2020-21 - Award construction bid on phase 2 (11 generators)
FY 2021-22 - Complete construction on phase 2 (11 generators)
FY 2021-22 - Award engineering design on phase 3 (6 generators)
FY 2022-23 - Award construction bid on phase 3 (6 generators)
FY 2023-24 - Complete construction on phase 3 (6 generators)

Department/Contact: Public Works/Chris Fazzi

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj							
Reserves	\$ 1,275,000	\$ 2,350,000	\$ 725,000	\$ —	\$ —	\$ —	4,350,000
Total	\$ 1,275,000	\$ 2,350,000	\$ 725,000	\$ —	\$ —	\$ —	4,350,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 100,000	\$ 500,000	\$ —	\$ —	\$ 300,000	\$ —	900,000
Construction	775,000	1,850,000	725,000	3,825,000	725,000	600,000	8,500,000
Contingencies/Misc	—	—	—	400,000	—	200,000	600,000
Equipment	400,000	—	—	—	—	—	400,000
Subtotal	\$ 1,275,000	\$ 2,350,000	\$ 725,000	\$ 4,225,000	\$ 1,025,000	\$ 800,000	\$ 10,400,000
Less Deferred/Unfunded		—	—	(4,225,000)	(1,025,000)	(800,000)	(6,050,000)
Total	\$ 1,275,000	\$ 2,350,000	\$ 725,000	\$ —	\$ —	\$ —	4,350,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

* This project is a consolidation of projects 538-6146 and 536-4092.

FUND 538 - PUBLIC BUILDINGS

Project ID/Name: 6159 **Fall Safety Building Improvements**

Project Type: Ongoing

Program: 2222

Theme: Public Systems and Facilities

Location: Various City Buildings

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	200,000

Description: A Fall Safety condition assessment audit was completed in 2017. We will continue audits until all buildings are complete. Efforts in 2018/2019 will be on improving the fall protection at the Triton Museum, Pavillions, Street Corporation yard, Water & Sewer Corporation yard and City Hall.

Justification: To provide a safe working condition for Employees that need to access City building structures per Cal-OSHA standards.

Duration: Q1 2019 to ongoing

Status: In process

Department/Contact: Public Works/Ken Winland

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj								
Reserves	\$	—	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Total	\$	—	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	—	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Subtotal	\$	—	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	—	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Operating Impacts	\$	—	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 538 - PUBLIC BUILDINGS

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 538-002	City Hall ADA Compliance Improvements					
First Year Funding Requested:	2018	Status:		Future			
Description:	ADA compliant design and construction in the City Hall complex. Work to include reconstruction of access ramps and railings; restriping of ADA parking stalls; installation of signage, curb ramps, and stairs' color stripes; restroom modifications; and relocation of light switches and signs in City Hall main building.						
Justification:	Improve non-compliant situations in City Hall complex per accessibility requirements. Provide accessibility enhancements based on recommendations in the study.						
	2019-20	2020-21	2021-22	2022-23	Total		
Project Costs	\$ —	\$ 1,110,000	\$ —	\$ —	\$ 1,110,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —		

Project Name:	Future 538-003	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 may require strengthening to mitigate potential structural vulnerabilities, and the shop sits next to a gas compression plant. The Division is outgrowing the current location.						
	2019-20	2020-21	2021-22	2022-23	Total		
Appropriations	\$ —	\$ 100,000	\$ 3,500,000	\$ —	\$ 3,600,000		
Operating Impact	\$ —	\$ —	\$ —	\$ —	\$ —		

FUND 538 - PUBLIC BUILDINGS

PROJECTS CLOSING IN 2018-19

Project ID/Name: **6143 Police Building Parking Lot Improvements**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 75,000	\$ —	\$ 75,000

Project ID/Name: **6146 Stationary Standby Generators**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Capital Proj Reserves	\$ 1,100,000	\$ 590,000	\$ 510,000

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City of Santa Clara

The Center of What's Possible

Fund 539 General Government – Other

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intergovernmental							
Rev Frm Agency - Miscellaneous	\$ 618,000	\$ —	\$ —	\$ —	\$ —	\$ —	618,000
Subtotal	\$ 618,000	\$ —	\$ —	\$ —	\$ —	\$ —	618,000
Op Transfers							
Trs In - Miscellaneous	\$ 2,080,600	\$ —	\$ —	\$ —	\$ —	\$ —	2,080,600
Trs In - Auto	23,745	17,300	—	—	—	—	41,045
Trs In - Cemetery	32,442	3,727	2,459	55,210	4,266	1,754	99,858
Trs In - Solid Waste	798,932	5,603	45,159	552,659	62,547	38,375	1,503,275
Trs In - Storm Drain	2,472	—	1,000	1,000	1,000	1,000	6,472
Trs In - Sewer	886,933	49,364	81,642	309,926	89,464	78,591	1,495,920
Trs In - Water	1,551,233	110,880	145,748	816,049	168,714	136,788	2,929,412
Trs In - Electric	11,683,839	157,484	583,540	2,547,148	650,816	557,292	16,180,119
Trs In - Capital Proj Reserves	18,669,312	2,627,619	1,028,586	5,980,979	831,283	377,308	29,515,087
Trs In - Bldg Insp Reserves	5,503,034	450,823	15,857	356,011	27,512	11,311	6,364,548
Trs In - Land Sale Reserves	6,958,395	400,000	—	—	—	—	7,358,395
Intra Trs In - Dev Contrbtns	1,490,000	400,000	200,000	50,000	200,000	50,000	2,390,000
Subtotal	\$ 49,680,937	\$ 4,222,800	\$ 2,103,991	\$ 10,668,982	\$ 2,035,602	\$ 1,252,419	\$ 69,964,731
Total Financing Sources	\$ 50,298,937	\$ 4,222,800	\$ 2,103,991	\$ 10,668,982	\$ 2,035,602	\$ 1,252,419	\$ 70,582,731

* Amount represents cumulative appropriations since project inception.

FUND 539 - GENERAL GOVERNMENT

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 23,476,243	\$ 1,042,000	\$ 805,000	\$ 805,000	\$ 805,000	\$ 695,000	\$ 27,628,243
Land	6,958,395	—	—	—	—	—	6,958,395
Construction	829,669	500,000	50,000	—	—	2,000,000	3,379,669
Contingency	535,733	—	5,000	5,000	5,000	5,000	555,733
Equipment	16,929,864	2,680,800	930,000	10,250,000	1,700,000	620,000	33,110,664
Salary And Wages	1,569,033	—	313,991	608,982	625,602	302,419	3,420,027
Subtotal Appropriations	\$ 50,298,937	\$ 4,222,800	\$ 2,103,991	\$ 11,668,982	\$ 3,135,602	\$ 3,622,419	\$ 75,052,731
Less: Deferred/Unfunded**		—	—	(1,000,000)	(1,100,000)	(2,370,000)	(4,470,000)
Total Appropriations	\$ 50,298,937	\$ 4,222,800	\$ 2,103,991	\$ 10,668,982	\$ 2,035,602	\$ 1,252,419	\$ 70,582,731
Operating Impact		\$ 150,000	\$ 1,325,000	\$ 725,000	\$ 725,000	\$ 725,000	\$ 3,650,000

FUTURE PROJECTS

Description	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 539 - GENERAL GOVERNMENT

PROJECT SUMMARY

Project Type*	Project ID	Project Title	Prior Years Appropriations	Prior Years Expenditures	Carryforward Balance	2018-19 Appropriations	Total Available Appropriations
Ongoing	6003	Broadband Community System General Government Network (GGNET)	\$ 940,000	\$ 773,660	\$ 166,340	\$ —	\$ 166,340
Ongoing	6018	Convention Center Repairs and Upgrades	1,954,000	1,954,000	—	55,800	55,800
Distinct	6053	Telephone System Enhancements	1,275,000	1,208,039	66,961	—	66,961
Ongoing	6072	Institutional Telecommunications Networks and Broadcast Infrastructure	1,568,000	1,392,615	175,385	400,000	575,385
Distinct	6075	Permit Information System	3,302,892	1,470,452	1,832,440	—	1,832,440
Ongoing	6103	Utility Management Information System (UMIS) Enhancements	11,598,573	10,438,853	1,159,720	—	1,159,720
Distinct	6118	CAD/RMS System Replacement	4,445,000	4,445,000	—	975,000	975,000
Ongoing	6501	FHRMS Update Project	4,301,077	2,964,730	1,336,347	—	1,336,347
Ongoing	6505	Replace Network Equipment	1,927,000	1,868,520	58,480	400,000	458,480
Ongoing	6513	Computer Replacement Program	1,875,000	1,749,238	125,762	600,000	725,762
Ongoing	6514	Consolidate and Upgrade Servers	1,900,000	1,848,678	51,322	50,000	101,322
Distinct	6520	Zoning Code Update	2,821,000	2,530,154	290,846	—	290,846
Distinct	6521	Web Content Management System	540,000	390,000	150,000	—	150,000
Distinct	6532	Intranet Collaboration Suite Implementation	208,000	32,625	175,375	—	175,375
Ongoing	6534	GIS Enterprise System (Geospatial Information System)	3,075,000	2,825,000	250,000	600,000	850,000
Ongoing	6541	1021-1031 El Camino Real Development Site	2,850,000	2,850,000	—	—	—
Distinct	6547	Convention Center Land Purchase	4,108,395	4,108,395	—	—	—
Distinct	6549	Agenda and Document Management Systems	800,000	293,637	506,363	20,000	526,363
Distinct	6550	Cyber Security Risk Mitigation	300,000	105,000	195,000	—	195,000
Distinct	6551	End User/Desktop Transformation	260,000	112,000	148,000	—	148,000
Distinct	6552	Financial Management System Replacement	250,000	—	250,000	22,000	272,000
Distinct	6555	Office Reconfiguration	—	—	—	400,000	400,000
Distinct	6556	IT Training Room Refurbishment	—	—	—	50,000	50,000
Distinct	6557	Fire Station Video Conferencing	—	—	—	200,000	200,000
Ongoing	6558	Morse Mansion Rehabilitation	—	—	—	50,000	50,000
Distinct	6559	Downtown Master Plan	—	—	—	400,000	400,000
Total			\$ 50,298,937	\$ 43,360,596	\$ 6,938,341	\$ 4,222,800	\$ 11,161,141

* A project with no prior year appropriations used to be a work order project or is 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

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: New fiber within the Council Chamber and to the data center was completed for the Council Chambers HD Video upgrade. A new fiber link was run from the City Hall data center to the Mission Cemetery workshop to provide data connectivity to the irrigation system workstation and voice (VoIP). A secondary link for high availability was added to the Corp. Yard. FY 18-19 plans include providing connectivity to some of the city parks to allow for security cameras, access control, public Wi-Fi, and centralized irrigation control.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	773,660
Estimated Carryforward into 2018-19	\$	166,340
Total Available Appropriations	\$	166,340

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Intra Trs In - Dev Contrbts	540,000	—	—	50,000	—	50,000	640,000
Total	\$ 940,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 1,040,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 60,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 60,000
Construction	670,000	—	—	—	—	—	670,000
Contingencies/Misc	57,349	—	—	—	—	—	57,349
Equipment	152,651	—	—	50,000	—	50,000	252,651
Subtotal	\$ 940,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 1,040,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 940,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000	\$ 1,040,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6018 **Convention Center Repairs and Upgrades**
Project Type: Ongoing
Program: 1012
Theme: Public Systems and Facilities
Location: 5001 Great America Parkway

Estimated Expenditures through 2017-18	\$	1,954,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	55,800

Description: Repairs and upgrades to the Santa Clara Convention Center to properly label 12 KV switchgear, repair uplifted floor boxes, replace aging carpet, update the paint exterior, and install an updated and low watt usage lighting system in the Exhibit Halls. This project will also fund repairs to leaking HVAC ducts, the design study for bid spec to redesign and repair leaking terrace, and upgrade the surveillance system.

Justification: To maintain the appearance and safety of the building, and to greatly improve the electrical efficiency of the Convention Center.

Duration: Q1 2018 to Q4 2018

Status: Sub-projects in various stages of planning and execution. We may not be able to accomplish the Switchgear labeling by Fiscal Year's end do the requirement to have three competitive bids. I request that these monies be extended into the 2018-2019 Fiscal year if needed.

Department/Contact: Convention Center/Ned Nicholas

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	1,650,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,650,000
Trs In - Capital Proj Reserves		304,000	55,800	80,000	—	—	—	439,800
Total	\$	1,954,000	\$ 55,800	\$ 80,000	\$ —	\$ —	\$ —	\$ 2,089,800
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Equipment	\$	1,954,000	\$ 55,800	\$ 80,000	\$ 1,000,000	\$ 1,100,000	\$ 370,000	\$ 4,559,800
Subtotal	\$	1,954,000	\$ 55,800	\$ 80,000	\$ 1,000,000	\$ 1,100,000	\$ 370,000	\$ 4,559,800
Less Deferred/Unfunded			—	—	(1,000,000)	(1,100,000)	(370,000)	(2,470,000)
Total	\$	1,954,000	\$ 55,800	\$ 80,000	\$ —	\$ —	\$ —	\$ 2,089,800
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	1,208,039
Estimated Carryforward into 2018-19	\$	66,961
Total Available Appropriations	\$	66,961

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: Switches were installed to improve reliability. Expansion of VoIP phones Citywide continues as part of normal growth. Work continued on dismantling the old Centrex system in conjunction with porting of phone numbers and billing records. Once complete, a review of the remaining special use analog phones throughout the City will occur.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Auto	\$ 9,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 9,000
Trs In - Cemetery	4,500	—	—	—	—	—	4,500
Trs In - Solid Waste	4,500	—	—	—	—	—	4,500
Trs In - Sewer	22,500	—	—	—	—	—	22,500
Trs In - Water	22,500	—	—	—	—	—	22,500
Trs In - Electric	45,000	—	—	—	—	—	45,000
Trs In - Capital Proj Reserves	1,167,000	—	—	—	—	—	1,167,000
Total	\$ 1,275,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,275,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 58,837	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 58,837
Construction	24,967	—	—	—	—	—	24,967
Equipment	1,191,196	—	—	—	—	—	1,191,196
Subtotal	\$ 1,275,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,275,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,275,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,275,000
Operating Impacts		\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000

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 2017-18	\$	1,392,615
Estimated Carryforward into 2018-19	\$	175,385
Total Available Appropriations	\$	575,385

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: The Council Chambers upgrades were completed in conjunction with the Granicus Agenda Management, Video Streaming and Voting project. This included HD cameras, new screens for presentations, and digital monitors for electronic voting and audience viewing. In addition to a HD camera upgrade, the project included relocation of additional AV systems to allow more efficient operation. Plans for the upcoming year include upgrading conference rooms and the Central Library AV infrastructure to support community use and broadcast.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Rev Frm Agency - Miscellaneous	\$ 618,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 618,000
Intra Trs In - Dev Contrbts	950,000	400,000	200,000	—	200,000	—	1,750,000
Total	\$ 1,568,000	\$ 400,000	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ 2,368,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 307,049	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 307,049
Construction	101,513	—	—	—	—	—	101,513
Equipment	1,159,438	400,000	200,000	—	200,000	—	1,959,438
Subtotal	\$ 1,568,000	\$ 400,000	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ 2,368,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,568,000	\$ 400,000	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ 2,368,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6075 **Permit Information System**

Project Type: Distinct

Program: 5532

Theme: Community Information and Technology

Location: Citywide

Description: Permit tracking system to automate permitting and workflow, allowing other departments and the public to access information online, on the City network or mobile devices. 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: The project is planned to be completed during FY2019-20.

Department/Contact: Building/Sharon Goei

Estimated Expenditures through 2017-18	\$	1,470,452
Estimated Carryforward into 2018-19	\$	1,832,440
Total Available Appropriations	\$	1,832,440

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Water	\$ 138,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 138,000
Trs In - Electric	126,000	—	—	—	—	—	126,000
Trs In - Capital Proj Reserves	456,868	—	—	—	—	—	456,868
Trs In - Bldg Insp Reserves	2,582,024	—	—	—	—	—	2,582,024
Total	\$ 3,302,892	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,302,892
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 1,622,090	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,622,090
Contingencies/Misc	108,385	—	—	—	—	—	108,385
Equipment	1,360,234	—	—	—	—	—	1,360,234
Salary And Wages - Regular	212,183	—	—	—	—	—	212,183
Subtotal	\$ 3,302,892	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,302,892
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 3,302,892	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,302,892
Operating Impacts		\$ —	\$ 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 2017-18	\$	10,438,853
Estimated Carryforward into 2018-19	\$	1,159,720
Total Available Appropriations	\$	1,159,720

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 phases 1-3 of customer self-service utility web portal replacement. Implemented updated Payment Card Industry (PCI) standards to comply with PCI standards.

Department/Contact: Finance/Michelle Eglesia

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Solid Waste	\$ 534,942	\$ —	\$ 21,500	\$ 21,500	\$ 21,500	\$ 21,500	\$ 620,942
Trs In - Storm Drain	2,472	—	1,000	1,000	1,000	1,000	6,472
Trs In - Sewer	540,200	—	46,000	46,000	46,000	46,000	724,200
Trs In - Water	743,696	—	39,500	39,500	39,500	39,500	901,696
Trs In - Electric	9,777,263	—	392,000	392,000	392,000	392,000	11,345,263
Total	\$ 11,598,573	\$ —	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 13,598,573

Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 9,669,660	\$ —	\$ 495,000	\$ 495,000	\$ 495,000	\$ 495,000	\$ 11,649,660
Construction	5,000	—	—	—	—	—	5,000
Contingencies/Misc	69,999	—	5,000	5,000	5,000	5,000	89,999
Equipment	1,299,008	—	—	—	—	—	1,299,008
Salary And Wages - Regular	554,906	—	—	—	—	—	554,906
Subtotal	\$ 11,598,573	\$ —	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 13,598,573
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 11,598,573	\$ —	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 13,598,573

Operating Impacts \$ — \$ — \$ — \$ — \$ — \$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6118 **CAD/RMS System Replacement**

Project Type: Distinct

Program: 7747

Theme: Community Information and Technology

Location: Public Safety Communications Center

Estimated Expenditures through 2017-18	\$	4,445,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	975,000

Description: Replacement and upgrade of the Computer Aided Dispatch (CAD) and Records Management System (RMS) and the Mobile Data Computers (MDC).

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. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure.
The Police Department is asking for additional funds in order to upgrade the MDCs in our vehicles. The current fleet of MDCs is approximately 7 years old, out of warranty, and beyond its service life. The older hardware will not efficiently run the new Hexagon software. The hardware cost to fully outfit our 55-vehicle fleet is \$475,000. ITD has submitted a cost of \$500,000 for their level of effort for this project, which provides funding for staff costs associated with system implementation, engineering, programming, and testing.

Duration: Q4 2008 to Q4 2019

Status: After a thorough evaluation process, Hexagon Safety and Infrastructure was selected as the vendor of choice in Oct. 2017. The project is currently in the implementation phase with an expected go live date of Nov. 2018 for CAD.

Department/Contact: Police/Wahid Kazem

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Miscellaneous	\$	425,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 425,000
Trs In - Capital Proj Reserves		4,020,000	975,000	—	—	—	—	4,995,000
Total	\$	4,445,000	\$ 975,000	\$ —	\$ —	\$ —	\$ —	\$ 5,420,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	645,544	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 645,544
Construction		28,189	—	—	—	—	—	28,189
Contingencies/Misc		300,000	—	—	—	—	—	300,000
Equipment		3,471,267	975,000	—	—	—	—	4,446,267
Subtotal	\$	4,445,000	\$ 975,000	\$ —	\$ —	\$ —	\$ —	\$ 5,420,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,445,000	\$ 975,000	\$ —	\$ —	\$ —	\$ —	\$ 5,420,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6501 **FHRMS Update Project**

Project Type: Ongoing

Program: 3322

Theme: Community Information and Technology

Location: City Hall

Description: Upgrade the various FHRMS business applications as needed to maintain vendor support for software and hardware needs.

Justification: The current version of PeopleSoft has reached the end of its lifecycle. 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 at least the minimum supported version from Oracle and will also provide for some enhanced functionality. The HR/Payroll upgrade was completed in November 2017 and the Finance upgrade is set to begin in March 2018. Other FHRMS modules including CORE Onestep, SecurePay Pro, HdL Prime Business License, and Qestica Budgeting are currently in supported versions.

Department/Contact: Finance/David Noce

Estimated Expenditures through 2017-18	\$	2,964,730
Estimated Carryforward into 2018-19	\$	1,336,347
Total Available Appropriations	\$	1,336,347

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Miscellaneous	\$	5,600	\$ —	\$ —	\$ —	\$ —	\$ —	5,600
Trs In - Cemetery		24,846	—	—	—	—	—	24,846
Trs In - Solid Waste		239,860	—	—	—	—	—	239,860
Trs In - Sewer		107,719	—	—	—	—	—	107,719
Trs In - Water		316,520	—	—	—	—	—	316,520
Trs In - Electric		927,252	—	—	—	—	—	927,252
Trs In - Capital Proj Reserves		2,518,621	—	—	—	—	—	2,518,621
Trs In - Bldg Insp Reserves		160,659	—	—	—	—	—	160,659
Total	\$	4,301,077	\$ —	\$ —	\$ —	\$ —	\$ —	4,301,077
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	3,240,554	\$ —	\$ —	\$ —	\$ —	\$ —	3,240,554
Equipment		523,965	—	—	—	—	—	523,965
Salary And Wages - Regular		536,558	—	—	—	—	—	536,558
Subtotal	\$	4,301,077	\$ —	\$ —	\$ —	\$ —	\$ —	4,301,077
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,301,077	\$ —	\$ —	\$ —	\$ —	\$ —	4,301,077
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	1,868,520
Estimated Carryforward into 2018-19	\$	58,480
Total Available Appropriations	\$	458,480

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: Wi-Fi access points were added for increased coverage within city facilities and adjacent to the Community Recreation Center in Central Park for community events. A network infrastructure upgrade was performed in the City Hall East Wing to enhance availability and capacity for the Council Chambers' video and card access. Upgrades were made at Fire Station 2 to provide failback for the EOC. The Police Department network was upgraded to facilitate new Body Worn Cameras and expansion. In the coming year, end of life switches are to be replaced for growth and fault-tolerant connectivity.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 1,927,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Total	\$ 1,927,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Equipment	\$ 1,927,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Subtotal	\$ 1,927,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,927,000	\$ 400,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 3,227,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6513 **Computer Replacement Program**

Project Type: Ongoing

Program: 1921

Theme: Community Information and Technology

Location: Citywide

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: The significant project to move to the new Windows and Office platform will be undertaken with the bulk of the replacements planned to be made in a phased manner in conjunction with the rollout. In addition, ITD will be refreshing older monitors, upgrading conference rooms with updated AV equipment, and adding tablets and laptops to increase user mobility and improve productivity and customer service.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	1,749,238
Estimated Carryforward into 2018-19	\$	125,762
Total Available Appropriations	\$	725,762

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Auto	\$ 14,745	\$ 17,300	\$ —	\$ —	\$ —	\$ —	\$ 32,045
Trs In - Cemetery	1,650	3,600	—	—	—	—	5,250
Trs In - Solid Waste	5,670	4,375	—	—	—	—	10,045
Trs In - Sewer	14,745	23,812	—	—	—	—	38,557
Trs In - Water	20,770	33,838	—	—	—	—	54,608
Trs In - Capital Proj Reserves	1,817,420	517,075	150,000	—	—	—	2,484,495
Total	\$ 1,875,000	\$ 600,000	\$ 150,000	\$ —	\$ —	\$ —	\$ 2,625,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 12,060	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 12,060
Equipment	1,862,940	600,000	150,000	—	—	—	2,612,940
Subtotal	\$ 1,875,000	\$ 600,000	\$ 150,000	\$ —	\$ —	\$ —	\$ 2,625,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,875,000	\$ 600,000	\$ 150,000	\$ —	\$ —	\$ —	\$ 2,625,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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: The City's virtualization strategy has paid off well, driving down operational and capital costs. To keep up with the City's compute needs and the replacement of the Public Safety CAD/RMS systems, the virtual infrastructure was upgraded to sustain the increased workload. As storage needs continued to increase, the storage was almost doubled at both data centers. In the coming year, the high availability metro stretch cluster will be upgraded to provide even higher resiliency to the business applications.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	1,848,678
Estimated Carryforward into 2018-19	\$	51,322
Total Available Appropriations	\$	101,322

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 1,900,000	\$ 50,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,550,000
Total	\$ 1,900,000	\$ 50,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,550,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 118,474	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 118,474
Equipment	1,781,526	50,000	200,000	200,000	200,000	—	2,431,526
Subtotal	\$ 1,900,000	\$ 50,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,550,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,900,000	\$ 50,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ —	\$ 2,550,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6520 **Zoning Code 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: 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. This project meets the Council Priority and Goal to promote and enhance economic development and housing development.

Duration: Q1 2014 to Q4 2018

Status: Zoning Code update underway to implement adopted General Plan.

Department/Contact: Planning/John Davidson

Estimated Expenditures through 2017-18	\$	2,530,154
Estimated Carryforward into 2018-19	\$	290,846
Total Available Appropriations	\$	290,846

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	1,200,000	\$ —	\$ —	\$ —	\$ —	\$ —	1,200,000
Trs In - Bldg Insp Reserves		1,621,000	—	—	—	—	—	1,621,000
Total	\$	2,821,000	\$ —	\$ —	\$ —	\$ —	\$ —	2,821,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	2,555,614	\$ —	\$ —	\$ —	\$ —	\$ —	2,555,614
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6521 **Web Content Management System**

Project Type: Distinct

Program: 1912

Theme: Community Information and Technology

Location: Citywide

Description: Enhancements to the City's website 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 Q2 2019

Status: Plans for FY 2018-19 include the launch of redesigned City websites in support of a new and improved user experience, based on community input. This will include redesigned Home Pages and navigation, giving departments their own brand while ensuring a cohesive look and feel throughout the site. Improvements include in content, website search, ADA compliance review, and remediation of identified gaps.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	390,000
Estimated Carryforward into 2018-19	\$	150,000
Total Available Appropriations	\$	150,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Electric	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
Trs In - Capital Proj Reserves	520,000	—	—	—	—	—	520,000
Total	\$ 540,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 540,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 518,736	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 518,736
Equipment	21,264	—	—	—	—	—	21,264
Subtotal	\$ 540,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 540,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 540,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 540,000
Operating Impacts		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000

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 2017-18	\$	32,625
Estimated Carryforward into 2018-19	\$	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 Q2 2019

Status: Content on the Intranet, built upon SharePoint, continues to grow. The current SharePoint platform is an older version and lacks in permission management and functionality. FY 2018-19 plans for implementation and migration to SharePoint Online and training of City staff to take advantage of the Office 365 suite of products.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	208,000	\$ —	\$ —	\$ —	\$ —	\$ —	208,000
Total	\$	208,000	\$ —	\$ —	\$ —	\$ —	\$ —	208,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	192,625	\$ —	\$ —	\$ —	\$ —	\$ —	192,625
Equipment		15,375	—	—	—	—	—	15,375
Subtotal	\$	208,000	\$ —	\$ —	\$ —	\$ —	\$ —	208,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	208,000	\$ —	\$ —	\$ —	\$ —	\$ —	208,000
Operating Impacts			\$ 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 2017-18	\$	2,825,000
Estimated Carryforward into 2018-19	\$	250,000
Total Available Appropriations	\$	850,000

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 a 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. Additional asset classes have been modeled in GIS and integrated into a citywide asset management solution: the storm drain system, the parks irrigation systems, as well as parks and recreations facilities. High-quality geospatial information is supplied to various citywide applications through integration of GIS with business-specific systems such as 911 dispatch, permitting, and document management. A fresh aerial high-resolution image was added to the City's basemap and made available for internal and public use, along with updated specific layers such as addresses, streets, and parcels. Citizen's usage is increasing through multiple public channels such as MapSantaClara, Public Geospatial Data Portal, the Development Projects Story Map, and the Live Traffic Cameras app.

Department/Contact: Info Tech/Gaurav Garg

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Sewer	\$	195,500	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 320,500
Trs In - Water		274,500	75,000	75,000	75,000	75,000	75,000	649,500
Trs In - Electric		625,000	150,000	100,000	100,000	100,000	100,000	1,175,000
Trs In - Capital Proj Reserves		850,000	300,000	—	—	—	—	1,150,000
Trs In - Bldg Insp Reserves		1,130,000	50,000	—	—	—	—	1,180,000
Total	\$	3,075,000	\$ 600,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,475,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	2,875,000	\$ 600,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,275,000
Equipment		200,000	—	—	—	—	—	200,000
Subtotal	\$	3,075,000	\$ 600,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,475,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	3,075,000	\$ 600,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 4,475,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	2,850,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Description: In September 2014, the City purchased 1031 El Camino Real (aka former 1948 King's Highway Motel), an approximately 0.59 acre L-shaped 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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Land Sale Reserves		\$ 2,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,850,000
Total		\$ 2,850,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,850,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	4,108,395
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Land Sale Reserves	\$	4,108,395	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,108,395
Total	\$	4,108,395	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,108,395
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	293,637
Estimated Carryforward into 2018-19	\$	506,363
Total Available Appropriations	\$	526,363

Description: The SIRE records and agenda management system has been in place for records management since 2003 and for agenda management in 2007. The replacement system would provide modern technology, functionality and reliability for the City, enhancing efficiency for staff and improving the interface for the public. Agreements with Granicus, Inc. (Agenda Management System) and Laserfiche and DocuSign (Document Management System) were approved on May 9, 2017.

Justification: A new agenda and document management system will provide a more stable platform on which to enhance services and build efficiencies. This project supports the City Council goal of delivering and enhancing high quality efficient services and infrastructure. Continued funding for these projects will provide support for the implementation to develop in the infrastructure through fit gaps/needs assessments, provide training, and implementation support. Granicus is finishing its first phase of the project of building the infrastructure and training staff. The Agenda Management System is set to launch with its first meeting on March 6, 2018. Laserfiche/DocuSign is in the beginning stages of Phase I and with fit gap analysis with Silicon Valley Power and City Attorney's Office.

Duration: Q1 2017 to Q2 2019

Status: Council approved the Agenda and Document Management project on May 9, 2017, phased implementation of the Agenda Management System and a phased implementation of the Electronic Document Management System during Fiscal Year 2017-2018 and Fiscal Year 2018-2019. Staff has completed on-site Granicus training with the vendor and is set to go live with Phase I on March 6, 2018. Staff will continue provide training and implementation support from Granicus, Inc. The Laserfiche/DocuSign project has begun fit gap analysis in 2018 and will continue into Fiscal Year 2018-2019. This phase of the project is estimated to be ~\$394k. Additional training for boards and commissions is also being planned.

Department/Contact: City Clerk/Simrat Dhadli

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Water	\$	16,825	\$ 421	\$ —	\$ —	\$ —	\$ —	17,246
Trs In - Electric		109,358	2,734	—	—	—	—	112,092
Trs In - Capital Proj Reserves		673,817	16,845	—	—	—	—	690,662
Total	\$	800,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	820,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	790,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	810,000
Equipment		10,000	—	—	—	—	—	10,000
Subtotal	\$	800,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	820,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	800,000	\$ 20,000	\$ —	\$ —	\$ —	\$ —	820,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6550 **Cyber Security Risk Mitigation**

Project Type: Distinct

Program: 1921

Theme: Community Information and Technology

Location: Citywide

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 Q2 2019

Status: The security team has outlined the security controls and gaps that need to be addressed. Some gaps are system configuration related and have required personnel to address the needed changes. Some gaps require changes to existing tools or addition of new tools. Addressing these gaps and implementing these changes in processes and tools continues to protect City information assets and decrease risk to the City.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	105,000
Estimated Carryforward into 2018-19	\$	195,000
Total Available Appropriations	\$	195,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	300,000
Total	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	300,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	300,000
Subtotal	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	300,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	300,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6551 **End User/Desktop Transformation**

Project Type: Distinct

Program: 1921

Theme: Community Information and Technology

Location: Citywide

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 upgraded 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 businesses 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 Q2 2019

Status: A detailed project is underway to prepare, deploy, migrate, and train City users in FY 18-19.

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	112,000
Estimated Carryforward into 2018-19	\$	148,000
Total Available Appropriations	\$	148,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	260,000
Total	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	260,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	260,000
Subtotal	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	260,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 260,000	\$ —	\$ —	\$ —	\$ —	\$ —	260,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	250,000
Total Available Appropriations	\$	272,000

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 cashiering 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 - beginning to reach out to possible vendors for detailed information and high level demonstrations of the system. Possibility of travel costs associated with this phase.

Department/Contact: Finance/David Noce

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Cemetery	\$ 1,446	\$ 127	\$ 2,459	\$ 55,210	\$ 4,266	\$ 1,754	\$ 65,262
Trs In - Solid Waste	13,960	1,228	23,659	531,159	41,047	16,875	627,928
Trs In - Sewer	6,269	552	10,642	238,926	18,464	7,591	282,444
Trs In - Water	18,422	1,621	31,248	701,549	54,214	22,288	829,342
Trs In - Electric	53,966	4,750	91,540	2,055,148	158,816	65,292	2,429,512
Trs In - Capital Proj Reserves	146,586	12,899	248,586	5,580,979	431,283	177,308	6,597,641
Trs In - Bldg Insp Reserves	9,351	823	15,857	356,011	27,512	11,311	420,865
Total	\$ 250,000	\$ 22,000	\$ 423,991	\$ 9,518,982	\$ 735,602	\$ 302,419	\$ 11,252,994
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 250,000	\$ 22,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ —	\$ 602,000
Equipment	—	—	—	8,800,000	—	—	8,800,000
Salary And Wages - Regular	—	—	313,991	608,982	625,602	302,419	1,850,994
Subtotal	\$ 250,000	\$ 22,000	\$ 423,991	\$ 9,518,982	\$ 735,602	\$ 302,419	\$ 11,252,994
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 250,000	\$ 22,000	\$ 423,991	\$ 9,518,982	\$ 735,602	\$ 302,419	\$ 11,252,994
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6555 **Office Reconfiguration**

Project Type: Distinct

Program: 5532

Theme: Public Systems and Facilities

Location: City Hall

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	400,000

Description: Reconfiguration of Planning Division, Building Division and Permit Center work areas to allow for additional workstations

Justification: The Planning and Building Divisions offices require reconfiguration of existing office layout due to increasing permit activities and corresponding additional staff. A portable office at City Hall would decrease efficiency and no location has been determined to be a feasible solution. Office reconfiguration will create additional workstations and will improve overall efficiency and productivity for the entire Division.

Duration: Q3 2018 to Q2 2019

Status: Reconfiguration will need to begin soon as tight working spaces create insufficient plan storage and limited working areas. Reconfiguration will need to be implemented in phases so that operations can continue efficiently.

Department/Contact: Building Division/Sharon Goei

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Bldg Insp Reserves	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Total	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Subtotal	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6556 IT Training Room Refurbishment

Project Type: Distinct

Program: 1921

Theme: Community Information and Technology

Location: Warburton, East Wing

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	50,000

Description: Training Room Refurbishment – The IT Training room downstairs in the City Hall East Wing currently has 10 desks and desktop computer equipment. The setup is dated and needs a furniture refresh to accommodate more students.

Justification: The IT Training room hosts classes available for all City staff on a wide variety of office productivity, new user orientation and software applications. The general use is administered by the IT Dept for training on office productivity and city applications. The room scheduling averages 20 appointments per month for a class, training, or meeting. Sixty-five classes were conducted last year with 445 seats filled. This heavily used room needs a refresh of carpet, paint, and furniture.

Duration: Q3 2018 to Q2 2019

Status: New Project

Department/Contact: Info Tech/Gaurav Garg

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Total	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Subtotal	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6557 Fire Station Video Conferencing

Project Type: Distinct

Program: 1921

Theme: Community Information and Technology

Location: citywide

Description: Fire Station Video Conferencing

Justification: Fire personnel have required training to maintain safety certifications and obtain current procedural information. Utilizing video conferencing while remaining in-station is the best way for firefighters to receive standardized training while remaining in their fire stations and, thus, providing continuous fire protection in their response district. CCTV conferencing equipment was installed years ago and dismantled due to obsolescence.

Funding this project helps to ensure that Fire Station Personnel can continue to receive training as required without having to leave their district to go to trainings offsite. Currently, training sessions can accommodate up to 16 personnel; however, video conferencing will allow for up to 39 personnel to be trained during one session. The disadvantage of not funding this project is voice only training conducted via telephone conf calls that slow down and delivery sub-optimal training and development outcomes. As part of Phase 2, this video conferencing setup will be extended to the Chief's Conference Room at Fire Station 1, the EOC, the Fire Prevention Conference Room, and Fire Training Center at Fire Station 2.

Duration: Q3 2018 to Q2 2019

Status: New Project

Department/Contact: Info Tech/Gaurav Garg

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	200,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$	—	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Total	\$	—	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Equipment	\$	—	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Subtotal	\$	—	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	—	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6558 **Morse Mansion Rehabilitation**
Project Type: Ongoing
Program: 2222
Theme: Public Systems and Facilities
Location: Morse Mansion

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	50,000

Description: A property condition assessment was completed in 2017 with the following recommendations:
 2018-2019 Re-roofing of structure, dry rot repair \$300,000
 2019-2020 Window restoration, Door restoration, Mechanical and Plumbing upgrades \$100,000
 2020-2021 Siding restoration \$100,000
 2021-2022 Insulation and attic wiring \$100,000
 2022-2023 Landscaping & Site restoration \$200,000
 2023-2024 Foundation structural work & Front porch restoration (after lease is up) \$500,000
 2024-2025 Interior Repairs & Repainting \$150,000

Justification: To preserve the integrity and appearance of this Historic Site. All work is under the guidance of a Historical Architect.

Duration: Q1 2019 to ongoing

Status: In process

Department/Contact: Public Works/Ken Winland

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Capital Proj Reserves	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ 100,000
Total	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ 100,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ 2,000,000	\$ 2,100,000
Subtotal	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ 2,000,000	\$ 2,100,000
Less Deferred/Unfunded		—	—	—	—	(2,000,000)	(2,000,000)
Total	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ 100,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 539 - GENERAL GOVERNMENT

Project ID/Name: 6559 **Downtown Master Plan**
Project Type: Distinct
Program: 5532
Theme: Economic Development/Business Retention
Location: Downtown Area

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	400,000

Description: \$100,000 to complete the necessary environmental documents to acquire property for the Franklin Street extension and \$300,000 to develop a Master Plan for the Downtown Area, including land use, financial analysis, environmental, and community outreach. Develop an RFP to determine development potential for Downtown City-owned properties.

Justification: Redevelopment of Downtown is a City Strategic Priority. Downtown City-owned property leases will expire in 2021 and 2022.

Duration: Q1 2019 to Q2 2019

Status: Initial planning stage.

Department/Contact: City Manager's Office/Manuel Pineda

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Land Sale Reserves	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Total	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ —
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Subtotal	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 400,000	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECTS CLOSING IN 2018-19

Project ID/Name:	6062 Document Imaging/Agenda Management System				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Trs In - Capital Proj Reserves	\$	310,000	\$	284,337	\$ 25,663

Project ID/Name:	6119 IT Disaster Protection Enhancements				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Trs In - Capital Proj Reserves	\$	400,000	\$	350,369	\$ 49,631

Project ID/Name:	6542 Automotive Services IT Upgrades				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Trs In - Auto	\$	120,000	\$	70,674	\$ 49,326

* Transferring remaining balance to 050-2111-59940.

Project ID/Name:	6543 Digital Radio System Infrastructure				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Trs In - Auto	\$	9,948	\$	9,948	\$ —
Trs In - Solid Waste	\$	15,846	\$	15,846	\$ —
Trs In - Sewer	\$	24,891	\$	24,891	\$ —
Trs In - Water	\$	74,670	\$	74,670	\$ —
Trs In - Electric	\$	273,489	\$	273,489	\$ —
Trs In - Capital Proj Reserves	\$	1,468,092	\$	1,468,043	\$ 49

Project ID/Name:	6544 Specific Plan for Tasman East				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Trs In - Bldg Insp Reserves	\$	964,870	\$	705,373	\$ 259,497

FUND 539 - GENERAL GOVERNMENT

PROJECTS CLOSING IN 2018-19

Project ID/Name: **6553 Purchase of Morse Mansion**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Land Sale Reserves	\$ 3,905,000	\$ 3,876,893	\$ 28,107

Project ID/Name: **6554 90 N Winchester Market Value**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Trs In - Land Sale Reserves	\$ 4,050,000	\$ 4,050,000	—

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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**



City of Santa Clara

The Center of What's Possible

Fund 534 Street Lighting

FUND 534 - STREET LIGHTING

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers						—	
Intra Trs In - Cust Srvs Chrg	\$ 5,443,618	\$ 800,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 6,443,618
Intra Trs In - Electric (PBC)	3,060,000	—	—	—	—	—	3,060,000
Subtotal	\$ 8,503,618	\$ 800,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 9,503,618
Developer Contributions	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Subtotal	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Total Financing Sources	\$ 8,553,618	\$ 800,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 9,703,618

FUND 534 - STREET LIGHTING

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 233,486	\$ —	\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 268,486
Construction	6,951,265	800,000	45,000	90,000	90,000	90,000	8,066,265
Contingency	846	—	—	—	—	—	846
Equipment	1,250,000	—	—	—	—	—	1,250,000
Salary And Wages	118,021	—	—	—	—	—	118,021
Subtotal Appropriations	\$ 8,553,618	\$ 800,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 9,703,618
Less: Deferred/Unfunded**		—	—	—	—	—	—
Total Appropriations	\$ 8,553,618	\$ 800,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 9,703,618
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	2871	Miscellaneous Street Lighting	\$ 491,625	\$ 441,625	\$ 50,000	\$ —	\$ 50,000
Ongoing	2872	New Development Street Lighting	507,615	307,615	200,000	—	200,000
Distinct	2874	LED Street Lighting Retrofit	3,420,000	2,420,000	1,000,000	—	1,000,000
Distinct	2875	Great America Street Light Replacement Project	4,054,378	754,378	3,300,000	800,000	4,100,000
Distinct	2876	LED Street Flood Lighting Retrofit	80,000	—	80,000	—	80,000
Total			\$ 8,553,618	\$ 3,923,618	\$ 4,630,000	\$ 800,000	\$ 5,430,000

* A project with no prior year appropriations used to be a work order project or is 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 2017-18	\$	441,625
Estimated Carryforward into 2018-19	\$	50,000
Total Available Appropriations	\$	50,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Inra Trs In - Cust Srvc		—	50,000	50,000	50,000	50,000	691,625
Chrg	491,625	—	50,000	50,000	50,000	50,000	691,625
Total	\$ 491,625	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 691,625
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 38,086	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 58,086
Construction	390,604	—	45,000	45,000	45,000	45,000	570,604
Contingencies/Misc	846	—	—	—	—	—	846
Salary And Wages - Regular	62,089	—	—	—	—	—	62,089
Subtotal	\$ 491,625	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 691,625
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 491,625	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 691,625
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	307,615
Estimated Carryforward into 2018-19	\$	200,000
Total Available Appropriations	\$	200,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$	50,000	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Intra Trs In - Cust Srvc Chrg		457,615	—	—	—	—	—	457,615
Total	\$	507,615	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 657,615
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	15,400	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,400
Construction		440,661	—	—	45,000	45,000	45,000	575,661
Salary And Wages - Regular		51,554	—	—	—	—	—	51,554
Subtotal	\$	507,615	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 657,615
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	507,615	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 657,615
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

Project ID/Name: 2874 LED Street Lighting Retrofit

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Various locations throughout the City.

Description: Replace existing mercury vapor and high pressure sodium street lights with LED street lights.

Justification: Energy efficiency.

Duration: Q1 2015 to Q4 2020

Status: This project has a total of three phases. Phase one has been completed. Phase two is active and is expected to be completed in FY 2018-19. Phase three is expected to be completed in FY 2019-20.

Department/Contact: Electric/Mary McEnroe

Estimated Expenditures through 2017-18	\$	2,420,000
Estimated Carryforward into 2018-19	\$	1,000,000
Total Available Appropriations	\$	1,000,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ 420,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 420,000
Intra Trs In - Electric (PBC)	3,000,000	—	—	—	—	—	3,000,000
Total	\$ 3,420,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,420,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 110,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 110,000
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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.

Duration: Q1 2015 to Q4 2019

Status: Poles and luminaires for Tasman Drive have been purchased. Going to construction Q4 2018.

Department/Contact: Electric/Mark Gervacio

Estimated Expenditures through 2017-18	\$	754,378
Estimated Carryforward into 2018-19	\$	3,300,000
Total Available Appropriations	\$	4,100,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc								
Chrg	\$	4,054,378	\$ 800,000	\$ —	\$ —	\$ —	\$ —	4,854,378
Total	\$	4,054,378	\$ 800,000	\$ —	\$ —	\$ —	\$ —	4,854,378
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	50,000	\$ —	\$ —	\$ —	\$ —	\$ —	50,000
Construction		2,750,000	800,000	—	—	—	—	3,550,000
Equipment		1,250,000	—	—	—	—	—	1,250,000
Salary And Wages - Regular		4,378	—	—	—	—	—	4,378
Subtotal	\$	4,054,378	\$ 800,000	\$ —	\$ —	\$ —	\$ —	4,854,378
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,054,378	\$ 800,000	\$ —	\$ —	\$ —	\$ —	4,854,378
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 Q2 2019

Status: Planning phase in FY 2017-18.

Department/Contact: Electric/Mary McEnroe

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	80,000
Total Available Appropriations	\$	80,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
Intra Trs In - Electric (PBC)	60,000	—	—	—	—	—	60,000
Total	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 80,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 20,000
Construction	60,000	—	—	—	—	—	60,000
Subtotal	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 80,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 80,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 534 - STREET LIGHTING

PROJECTS CLOSING IN 2018-19

Project ID/Name: 2873 El Camino Real Street Lighting Improvement

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$ 5,736,335	\$ 5,568,568	\$ 167,768

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City of Santa Clara

The Center of What's Possible

Fund 591 Electric Utility

FUND 591 - ELECTRIC UTILITY

FUND 591 - ELECTRIC UTILITY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers							
Trs In - Solid Waste	\$ 21,500	\$ —	\$ 129,000	\$ 182,750	\$ 182,750	\$ —	\$ 516,000
Trs In - Storm Drain	1,000	—	6,000	8,500	8,500	—	24,000
Trs In - Sewer	796,000	200,000	276,000	391,000	391,000	—	2,054,000
Trs In - Water	789,500	450,000	437,000	335,750	335,750	—	2,348,000
Intra Trs In - Miscellaneous	21,461,075	—	—	—	—	—	21,461,075
Intra Trs In - Debt Financing	21,800,000	—	—	—	—	—	21,800,000
Intra Trs In - Cust Svc Chrg	135,543,122	20,276,000	31,792,000	34,237,000	32,862,000	23,880,000	278,590,122
Intra Trs In - Electric Fiber	300,000	1,061,000	375,000	430,000	490,000	557,000	3,213,000
Intra Trs In - Electric (CRF)	12,194,439	—	—	—	—	—	12,194,439
Subtotal	\$ 192,906,636	\$ 21,987,000	\$ 33,015,000	\$ 35,585,000	\$ 34,270,000	\$ 24,437,000	\$ 342,200,636
Other Revenues							
Developer Contributions	\$ 5,275,000	\$ 11,800,000	\$ 13,700,000	\$ 20,800,000	\$ 5,750,000	\$ 3,900,000	\$ 61,225,000
Damage Recoveries	3,000,000	—	—	—	—	—	3,000,000
Subtotal	\$ 8,275,000	\$ 11,800,000	\$ 13,700,000	\$ 20,800,000	\$ 5,750,000	\$ 3,900,000	\$ 64,225,000
Total Financing Sources	\$ 201,181,636	\$ 33,787,000	\$ 46,715,000	\$ 56,385,000	\$ 40,020,000	\$ 28,337,000	\$ 406,425,636

* Amount represents cumulative appropriations since project inception.

FUND 591 - ELECTRIC UTILITY

FUND 591 - ELECTRIC UTILITY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 27,886,092	\$ 4,980,000	\$ 8,130,000	\$ 4,365,000	\$ 4,515,000	\$ 1,655,000	\$ 51,531,092
Land	3,000,000	800,000	150,000	—	—	—	3,950,000
Construction	124,860,555	25,006,000	35,339,000	30,709,000	26,494,000	20,186,000	262,594,555
Contingency	2,167,739	—	600,000	850,000	850,000	—	4,467,739
Equipment	41,890,731	3,001,000	2,496,000	20,461,000	8,161,000	6,496,000	82,505,731
Salary And Wages	1,376,519	—	—	—	—	—	1,376,519
Total Appropriations	\$ 201,181,636	\$ 33,787,000	\$ 46,715,000	\$ 56,385,000	\$ 40,020,000	\$ 28,337,000	\$ 406,425,636
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUTURE PROJECTS

Description	2020-21	2021-22	2022-23	Total
Future New Projects - Unappropriated in 5-year CIP	\$ —	\$ —	\$ 100,000	\$ 100,000
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	2004	Fiber Development, Design, and Expansion	\$ 1,075,000	\$ 775,000	\$ 300,000	\$ 1,711,000	\$ 2,011,000
Ongoing	2005	New Business Estimate Work	3,750,000	2,750,000	1,000,000	3,250,000	4,250,000
Ongoing	2006	Distribution Capital Maintenance and Betterments	2,150,000	1,650,000	500,000	2,750,000	3,250,000
Ongoing	2007	Transmission Capital Maintenance and Betterments	250,000	250,000	—	250,000	250,000
Ongoing	2008	Substation Capital Maintenance & Betterments	750,000	700,000	50,000	1,000,000	1,050,000
Ongoing	2010	Electric Yard Buildings and Grounds	100,000	100,000	—	555,000	555,000
Distinct	2104	Serra Substation Re-Build	16,974,097	3,974,097	13,000,000	2,000,000	15,000,000
Distinct	2108	SCADA System II Phase II	500,000	359,041	140,959	—	140,959
Distinct	2111	Implementation of Advanced Metering Infrastructure (AMI)	32,822,355	27,222,355	5,600,000	2,311,000	7,911,000
Ongoing	2119	Generation Capital Maintenance and Betterments	7,901,548	6,001,548	1,900,000	—	1,900,000
Distinct	2122	Power Scheduling	3,894,175	3,529,175	365,000	—	365,000
Distinct	2123	Customer Service Program Development	927,464	677,464	250,000	—	250,000
Distinct	2124	Transmission System Reinforcements	4,084,439	2,984,439	1,100,000	5,400,000	6,500,000
Distinct	2126	Silicon Valley Power Utility Center	24,201,923	24,201,923	—	1,000,000	1,000,000
Ongoing	2127	Major Engine Overhaul and Repair	30,927,373	28,177,373	2,750,000	2,200,000	4,950,000
Ongoing	2390	Network and Cyber Security Infrastructure	4,330,567	4,280,567	50,000	480,000	530,000
Distinct	2395	Operations and Planning Technology	5,872,876	4,972,876	900,000	—	900,000
Distinct	2398	Clean Energy and Carbon Reduction	1,461,565	461,565	1,000,000	—	1,000,000
Distinct	2404	Install Phase Shifting Transformer at NRS	29,196,778	23,196,778	6,000,000	—	6,000,000
Ongoing	2406	Utility Communications Infrastructure Betterments	450,000	375,000	75,000	100,000	175,000
Distinct	2407	Bucks Creek Relicensing	5,062,997	5,012,997	50,000	600,000	650,000
Distinct	2409	Substation Protective Relay	1,150,000	1,150,000	—	—	—
Distinct	2410	Replace 115/60kV Transformers	9,705,191	705,191	9,000,000	2,000,000	11,000,000
Distinct	2411	Control Center Transmission Outage Application Suite (TOA)	375,000	215,211	159,789	—	159,789
Distinct	2415	SCADA EMS	475,000	206,750	268,250	—	268,250
Distinct	2417	Outage Management & Communications Program	300,000	—	300,000	—	300,000
Distinct	2418	Esperanca Substation	750,000	—	750,000	—	750,000
Ongoing	2420	Overhead Infrastructure Replacement	2,001,606	914,466	1,087,140	2,000,000	3,087,140
Distinct	2421	Relocation of Electric Crossings for CalTrain	2,750,000	—	2,750,000	—	2,750,000
Distinct	2422	Northwestern Substation Expansion	2,341,682	2,341,682	—	—	—
Distinct	2423	Utility Billing CIS Replacement	500,000	—	500,000	—	500,000
Distinct	2424	Substation Physical Security Improvements	250,000	50,000	200,000	250,000	450,000
Distinct	2425	DVR Gas Turbine Control System Upgrade	500,000	—	500,000	—	500,000
Distinct	2426	DVR SCR and CO Catalyst Replacement	500,000	—	500,000	—	500,000

FUND 591 - ELECTRIC UTILITY

PROJECT SUMMARY

Project Type*	Project ID	Project Title	Prior Years Appropriations	Prior Years Expenditures	Carryforward Balance	2018-19 Appropriations	Total Available Appropriations
Distinct	2427	Mitsubishi Steam Turbine Major Overhaul	2,500,000	200,000	2,300,000	—	2,300,000
Distinct	2429	Storm Water Compliance	400,000	—	400,000	—	400,000
Distinct	2430	2nd 420MW 230.115kV Transformer at NRS	—	—	—	—	—
Distinct	2431	Homestead Substation Rebuild	—	—	—	500,000	500,000
Distinct	2432	2429 - Storm Water Compliance	—	—	—	655,000	655,000
Distinct	2433	2430 Parker Substation	—	—	—	1,150,000	1,150,000
Distinct	2434	Replace Balance of Plant Control System (DCS)	—	—	—	1,500,000	1,500,000
Distinct	2435	DOT Gas Pipeline Upgrades and Repairs	—	—	—	850,000	850,000
Distinct	2436	Piping System Repairs	—	—	—	300,000	300,000
Distinct	2437	Valve Replacement and Repair	—	—	—	500,000	500,000
Distinct	2438	Underground/Above Ground Tank Replacement and Maintenance	—	—	—	300,000	300,000
Distinct	2439	Hydro Controls Upgrade	—	—	—	175,000	175,000
Total			\$ 201,181,636	\$ 147,435,498	\$ 53,746,138	\$ 33,787,000	\$ 87,533,138

* A project with no prior year appropriations used to be a work order project or is a new project.

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2004 Fiber Development, Design, and Expansion

Project Type: Ongoing

Program: 1317

Theme: Santa Clara Utilities

Location: Various locations served by the SVP Fiber Enterprise Program (Dark Fiber Leasing Services)

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. Project also supports Water and Sewer Utilities SCADA Improvement and Replacement Projects.

Duration: Q1 2018 to Ongoing

Status: Ongoing work is driven by Fiber customer demand and by Fiber Optic System maintenance requirements. Current Fiber Lease customers include 28 long-term Fiber Leases, Electric Utility, and City Departments. Over the next 5 years, this project will support Water and Sewer Utilities SCADA Improvement and Replacement Projects and new customer projects.

Department/Contact: Electric/Deborah Barry

Estimated Expenditures through 2017-18	\$	775,000
Estimated Carryforward into 2018-19	\$	300,000
Total Available Appropriations	\$	2,011,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$ 775,000	\$ —	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,375,000
Trs In - Sewer	—	200,000	—	—	—	—	200,000
Trs In - Water	—	450,000	200,000	—	—	—	650,000
Intra Trs In - Electric Fiber	300,000	1,061,000	375,000	430,000	490,000	557,000	3,213,000
Total	\$ 1,075,000	\$ 1,711,000	\$ 975,000	\$ 830,000	\$ 890,000	\$ 957,000	\$ 6,438,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
Construction	975,000	1,670,000	934,000	789,000	849,000	916,000	6,133,000
Equipment	100,000	1,000	1,000	1,000	1,000	1,000	105,000
Subtotal	\$ 1,075,000	\$ 1,711,000	\$ 975,000	\$ 830,000	\$ 890,000	\$ 957,000	\$ 6,438,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 1,075,000	\$ 1,711,000	\$ 975,000	\$ 830,000	\$ 890,000	\$ 957,000	\$ 6,438,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2005 **New Business Estimate Work**

Project Type: Ongoing

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 (e.g. El Camino Real developments, Lawrence Station and Coleman Highline).

Duration: Q1 2018 to Ongoing

Status: Ongoing work using the existing estimate management system.

Estimated Expenditures through 2017-18	\$	2,750,000
Estimated Carryforward into 2018-19	\$	1,000,000
Total Available Appropriations	\$	4,250,000

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2006 **Distribution Capital Maintenance and Betterments**

Project Type: Ongoing

Program: 1361

Theme: Santa Clara Utilities

Location: Citywide

Description: Design and construction of capital maintenance and betterment to the distribution system (e.g. Rondonovan Reach, jack and bore under Central Expressway, El Camino Real and Great America Parkway).

Justification: Maintain system reliability and extend the life span of the existing distribution system.

Duration: Q1 2018 to Ongoing

Status: On-going estimate work.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	1,650,000
Estimated Carryforward into 2018-19	\$	500,000
Total Available Appropriations	\$	3,250,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs Chrg	\$ 2,150,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 15,900,000
Total	\$ 2,150,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 15,900,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 2,150,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 15,900,000
Subtotal	\$ 2,150,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 15,900,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 2,150,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 2,750,000	\$ 15,900,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2007 Transmission Capital Maintenance and Betterments

Project Type: Ongoing

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 Ongoing

Status: Ongoing work using an estimate management system.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	250,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	250,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv							
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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2008 **Substation Capital Maintenance & Betterments**

Project Type: Ongoing

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 Ongoing

Status: Ongoing work using an estimate system.

Department/Contact: Electric/Greg Garcia

Estimated Expenditures through 2017-18	\$	700,000
Estimated Carryforward into 2018-19	\$	50,000
Total Available Appropriations	\$	1,050,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv							
Chrg	\$ 750,000	\$ 1,000,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 4,100,000
Total	\$ 750,000	\$ 1,000,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 4,100,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
Construction	700,000	950,000	500,000	550,000	550,000	550,000	3,800,000
Subtotal	\$ 750,000	\$ 1,000,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 4,100,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 750,000	\$ 1,000,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 4,100,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2010 Electric Yard Buildings and Grounds

Project Type: Ongoing

Program: 1378

Theme: Santa Clara Utilities

Location: 1705 Martin Avenue

Description: Improvements at the Utility Service Center (e.g., re-roofing, fencing, paving and structural needs).

Justification: Fund capital improvements and ensure building code compliance at the Utility Service Center.

Duration: Q1 2018 to Ongoing

Status: May include ADA improvements, paving, and other upgrades.

Department/Contact: Electric/Mark Gervacio

Estimated Expenditures through 2017-18	\$	100,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	555,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs Chrg	\$ 100,000	\$ 555,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 1,175,000
Total	\$ 100,000	\$ 555,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 1,175,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 100,000	\$ 555,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 1,175,000
Subtotal	\$ 100,000	\$ 555,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 1,175,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 100,000	\$ 555,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 1,175,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	3,974,097
Estimated Carryforward into 2018-19	\$	13,000,000
Total Available Appropriations	\$	15,000,000

Description: Removing Serra Substation at existing site. Building 2-20 MVA bank Serra Substation south of Jenny Strand Park. Extending double circuit 60kV line from existing site into the new substation site.

Justification: Provide for the replacement of older equipment at Serra Substation to serve customer loads in the area. Installation of additional 20 MVA transformer at Serra will enable this substation to serve the changing customer load requirements in the area. Increased budget for additional design, re-certification of transformers by manufacturer, and installation of transmission lines and 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.

Department/Contact: Electric/Kevin Keating

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$	13,474,097	\$ 2,000,000	\$ 3,000,000	\$ —	\$ —	\$ —	\$ 18,474,097
Intra Trs In - Electric (CRF)		3,500,000	—	—	—	—	—	3,500,000
Total	\$	16,974,097	\$ 2,000,000	\$ 3,000,000	\$ —	\$ —	\$ —	\$ 21,974,097
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	1,386,817	\$ 1,000,000	\$ 3,000,000	\$ —	\$ —	\$ —	\$ 5,386,817
Land		3,000,000	—	—	—	—	—	3,000,000
Construction		12,496,240	1,000,000	—	—	—	—	13,496,240
Salary And Wages - Regular		91,040	—	—	—	—	—	91,040
Subtotal	\$	16,974,097	\$ 2,000,000	\$ 3,000,000	\$ —	\$ —	\$ —	\$ 21,974,097
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	16,974,097	\$ 2,000,000	\$ 3,000,000	\$ —	\$ —	\$ —	\$ 21,974,097
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q2 2019

Status: The system is expected to be completed in the first quarter of fiscal year 2018.

Department/Contact: Electric/Jeff Ipsaro

Estimated Expenditures through 2017-18	\$	359,041
Estimated Carryforward into 2018-19	\$	140,959
Total Available Appropriations	\$	140,959

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Electric (CRF)	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Total	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Subtotal	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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.

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 meter data and billing support. Moving forward there is an expected expense to replace batteries in wifi radios and Gatekeeper equipment. With end-of-life 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 2019

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

Estimated Expenditures through 2017-18	\$	27,222,355
Estimated Carryforward into 2018-19	\$	5,600,000
Total Available Appropriations	\$	7,911,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$	29,812,355	\$ 2,311,000	\$ 110,000	\$ —	\$ —	\$ —	32,233,355
Intra Trs In - Electric (CRF)		3,010,000	—	—	—	—	—	3,010,000
Total	\$	32,822,355	\$ 2,311,000	\$ 110,000	\$ —	\$ —	\$ —	35,243,355
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	2,906,880	\$ —	\$ —	\$ —	\$ —	\$ —	2,906,880
Construction		13,662,220	2,311,000	110,000	—	—	—	16,083,220
Contingencies/Misc		64,804	—	—	—	—	—	64,804
Equipment		15,896,443	—	—	—	—	—	15,896,443
Salary And Wages - Regular		292,008	—	—	—	—	—	292,008
Subtotal	\$	32,822,355	\$ 2,311,000	\$ 110,000	\$ —	\$ —	\$ —	35,243,355
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	32,822,355	\$ 2,311,000	\$ 110,000	\$ —	\$ —	\$ —	35,243,355
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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/Chris Karwick

Estimated Expenditures through 2017-18	\$	6,001,548
Estimated Carryforward into 2018-19	\$	1,900,000
Total Available Appropriations	\$	1,900,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ 7,901,548	\$ —	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 10,901,548
Total	\$ 7,901,548	\$ —	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 10,901,548
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 1,970,443	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 2,370,443
Construction	4,726,560	—	500,000	500,000	500,000	500,000	6,726,560
Contingencies/Misc	2,935	—	—	—	—	—	2,935
Equipment	1,178,735	—	150,000	150,000	150,000	150,000	1,778,735
Salary And Wages - Regular	22,875	—	—	—	—	—	22,875
Subtotal	\$ 7,901,548	\$ —	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 10,901,548
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 7,901,548	\$ —	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 10,901,548
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2122 **Power Scheduling**

Project Type: Distinct

Program: 1351

Theme: Santa Clara Utilities

Location: 881 Martin Avenue

Description: Implement hardware and software changes to power scheduling trading computers.

Justification: Necessary to maintain scheduling reliability and to incorporate new agency requirements California-Oregon Transmission Project, Transmission Agency of Northern California Power Pool, and Western System Power Pool, California Independent System Operator. Anticipated expenses next year are mostly surrounding efforts on the Northern California Power Agency 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 Q4 2019

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/Tim Lynch

Estimated Expenditures through 2017-18	\$	3,529,175
Estimated Carryforward into 2018-19	\$	365,000
Total Available Appropriations	\$	365,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv								
Chrg	\$	3,894,175	\$ —	\$ —	\$ —	\$ —	\$ —	3,894,175
Total	\$	3,894,175	\$ —	\$ —	\$ —	\$ —	\$ —	3,894,175
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	470,203	\$ —	\$ —	\$ —	\$ —	\$ —	470,203
Construction		883,944	—	—	—	—	—	883,944
Equipment		2,540,028	—	—	—	—	—	2,540,028
Subtotal	\$	3,894,175	\$ —	\$ —	\$ —	\$ —	\$ —	3,894,175
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	3,894,175	\$ —	\$ —	\$ —	\$ —	\$ —	3,894,175
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2123 **Customer Service Program Development**

Project Type: Distinct

Program: 1313

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/TBD

Estimated Expenditures through 2017-18	\$	677,464
Estimated Carryforward into 2018-19	\$	250,000
Total Available Appropriations	\$	250,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv							
Chrg	\$ 927,464	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,327,464
Total	\$ 927,464	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,327,464
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 376,563	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 776,563
Construction	534,755	—	—	—	—	—	534,755
Equipment	16,146	—	—	—	—	—	16,146
Subtotal	\$ 927,464	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,327,464
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 927,464	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,327,464
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2124 **Transmission System Reinforcements**

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Various locations throughout the City.

Description: Design and construct modifications to the 60kV 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 Q4 2021

Status: In design phase. Upgrades are being made to the transmission system to meet customer load and reliability requirements.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	2,984,439
Estimated Carryforward into 2018-19	\$	1,100,000
Total Available Appropriations	\$	6,500,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$	—	\$ 5,400,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 7,400,000
Intra Trs In - Cust Srvs Chrg		3,000,000	—	—	—	—	—	3,000,000
Intra Trs In - Electric (CRF)		1,084,439	—	—	—	—	—	1,084,439
Total	\$	4,084,439	\$ 5,400,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 11,484,439
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	300,000	\$ 450,000	\$ 50,000	\$ —	\$ —	\$ —	\$ 800,000
Land		—	800,000	150,000	—	—	—	950,000
Construction		3,784,439	2,650,000	1,800,000	—	—	—	8,234,439
Equipment		—	1,500,000	—	—	—	—	1,500,000
Subtotal	\$	4,084,439	\$ 5,400,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 11,484,439
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,084,439	\$ 5,400,000	\$ 2,000,000	\$ —	\$ —	\$ —	\$ 11,484,439
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2126 Silicon Valley Power Utility Center

Project Type: Distinct

Program: 1378

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 2017-18	\$	24,201,923
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	1,000,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Sewer	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Trs In - Water	750,000	—	—	—	—	—	750,000
Intra Trs In - Miscellaneous	20,000,000	—	—	—	—	—	20,000,000
Intra Trs In - Cust Srvc Chrg	2,701,923	1,000,000	10,500,000	4,000,000	—	—	18,201,923
Total	\$ 24,201,923	\$ 1,000,000	\$ 10,500,000	\$ 4,000,000	\$ —	\$ —	\$ 39,701,923
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 3,700,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,700,000
Construction	20,500,000	1,000,000	10,500,000	4,000,000	—	—	36,000,000
Salary And Wages - Regular	1,923	—	—	—	—	—	1,923
Subtotal	\$ 24,201,923	\$ 1,000,000	\$ 10,500,000	\$ 4,000,000	\$ —	\$ —	\$ 39,701,923
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 24,201,923	\$ 1,000,000	\$ 10,500,000	\$ 4,000,000	\$ —	\$ —	\$ 39,701,923
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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/Chris Karwick

Estimated Expenditures through 2017-18	\$	28,177,373
Estimated Carryforward into 2018-19	\$	2,750,000
Total Available Appropriations	\$	4,950,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Damage Recoveries	\$ 3,000,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,000,000
Intra Trs In - Cust Srvc Chrg	27,927,373	2,200,000	3,300,000	2,500,000	5,800,000	5,800,000	47,527,373
Total	\$ 30,927,373	\$ 2,200,000	\$ 3,300,000	\$ 2,500,000	\$ 5,800,000	\$ 5,800,000	\$ 50,527,373
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 29,224,197	\$ 2,200,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ —	\$ 38,924,197
Equipment	1,700,000	—	800,000	—	3,300,000	5,800,000	11,600,000
Salary And Wages - Regular	3,176	—	—	—	—	—	3,176
Subtotal	\$ 30,927,373	\$ 2,200,000	\$ 3,300,000	\$ 2,500,000	\$ 5,800,000	\$ 5,800,000	\$ 50,527,373
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 30,927,373	\$ 2,200,000	\$ 3,300,000	\$ 2,500,000	\$ 5,800,000	\$ 5,800,000	\$ 50,527,373
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2390 **Network and Cyber Security Infrastructure**
Project Type: Ongoing
Program: 1351
Theme: Santa Clara Utilities
Location: Various in City

Estimated Expenditures through 2017-18	\$	4,280,567
Estimated Carryforward into 2018-19	\$	50,000
Total Available Appropriations	\$	530,000

Description: Implementation of SVP cyber security master plan to meet Federal Energy Regulatory Commission (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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ 3,380,567	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,860,567
Intra Trs In - Electric (CRF)	950,000	—	—	—	—	—	950,000
Total	\$ 4,330,567	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,810,567
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 256,585	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 256,585
Construction	1,431,850	—	—	—	—	—	1,431,850
Equipment	2,641,796	480,000	500,000	500,000	500,000	500,000	5,121,796
Salary And Wages - Regular	336	—	—	—	—	—	336
Subtotal	\$ 4,330,567	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,810,567
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 4,330,567	\$ 480,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,810,567
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2395 **Operations and Planning Technology**

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Service Center and City Hall

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 Q4 2020

Status: Information Security Management (ISM) is in deployment stages. Next working on enhancing ISM and developing a work management system.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	4,972,876
Estimated Carryforward into 2018-19	\$	900,000
Total Available Appropriations	\$	900,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs Chrg	\$	2,722,876	\$ —	\$ —	\$ —	\$ —	\$ —	2,722,876
Intra Trs In - Electric (CRF)		3,150,000	—	—	—	—	—	3,150,000
Total	\$	5,872,876	\$ —	\$ —	\$ —	\$ —	\$ —	5,872,876
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	4,511,341	\$ —	\$ —	\$ —	\$ —	\$ —	4,511,341
Construction		138,958	—	—	—	—	—	138,958
Equipment		1,117,392	—	—	—	—	—	1,117,392
Salary And Wages - Regular		105,185	—	—	—	—	—	105,185
Subtotal	\$	5,872,876	\$ —	\$ —	\$ —	\$ —	\$ —	5,872,876
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	5,872,876	\$ —	\$ —	\$ —	\$ —	\$ —	5,872,876
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	461,565
Estimated Carryforward into 2018-19	\$	1,000,000
Total Available Appropriations	\$	1,000,000

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: Entering grant applications with matching funds for multiple grants, including a blue print for cities as a guide for EV readiness and a UC-Davis partnership proposal. Coordinate low-income/green programs with the Community Development Department, including low-income Electric-mobility readiness and purchase support. Investigate other programs with the Community Development (Housing) Department targeting multifamily and low-income residential. Support the Citywide Sustainability Plan and the updated actions of the Climate Action Plan.

Department/Contact: Electric/Kathleen Hughes/Ann Hatcher

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Miscellaneous	\$	1,461,075	\$ —	\$ —	\$ —	\$ —	\$ —	1,461,075
Intra Trs In - Cust Srvc Chrg		490	—	—	—	—	—	490
Total	\$	1,461,565	\$ —	\$ —	\$ —	\$ —	\$ —	1,461,565
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	1,461,075	\$ —	\$ —	\$ —	\$ —	\$ —	1,461,075
Salary And Wages - Regular		490	—	—	—	—	—	490
Subtotal	\$	1,461,565	\$ —	\$ —	\$ —	\$ —	\$ —	1,461,565
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,461,565	\$ —	\$ —	\$ —	\$ —	\$ —	1,461,565
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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

Description: Engineer, design, procure and construct the installation of a new 420 MVA 230kV Phase Shifting Transformer at Northern Receiving Station (NRS). 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 Phase Shifting Transformer. The modifications to breakers at NRS is to mitigate system operating limits on 115kV system.

Duration: Q1 2013 to Q4 2019

Status: Project is in construction and scheduled for completion in 2018. Phase Shifting Transformer and 115kV breakers are in service. Next phase is finalizing.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	23,196,778
Estimated Carryforward into 2018-19	\$	6,000,000
Total Available Appropriations	\$	6,000,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Debt Financing	21,800,000	—	—	—	—	—	21,800,000
Intra Trs In - Cust Srvc Chrg	7,396,778	—	—	—	—	—	7,396,778
Total	\$ 29,196,778	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 29,196,778
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 2,483,244	\$ —	\$ —	\$ —	\$ —	\$ —	2,483,244
Construction	13,947,866	—	—	—	—	—	13,947,866
Contingencies/Misc	2,000,000	—	—	—	—	—	2,000,000
Equipment	10,000,000	—	—	—	—	—	10,000,000
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	375,000
Estimated Carryforward into 2018-19	\$	75,000
Total Available Appropriations	\$	175,000

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/Tim Lynch

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv								
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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	60,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 135,000
Construction		265,000	40,000	65,000	65,000	65,000	40,000	540,000
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q4 2020

Status: Expected licensing in FY2020.

Department/Contact: Electric/Ken Kohtz

Estimated Expenditures through 2017-18	\$	5,012,997
Estimated Carryforward into 2018-19	\$	50,000
Total Available Appropriations	\$	650,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ 5,062,997	\$ 600,000	\$ —	\$ —	\$ —	\$ —	5,662,997
Total	\$ 5,062,997	\$ 600,000	\$ —	\$ —	\$ —	\$ —	5,662,997
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 4,859,016	\$ 600,000	\$ —	\$ —	\$ —	\$ —	5,459,016
Construction	153,451	—	—	—	—	—	153,451
Salary And Wages - Regular	50,530	—	—	—	—	—	50,530
Subtotal	\$ 5,062,997	\$ 600,000	\$ —	\$ —	\$ —	\$ —	5,662,997
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 5,062,997	\$ 600,000	\$ —	\$ —	\$ —	\$ —	5,662,997
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	1,150,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

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, fabrication and installation of relay panels are in progress.

Department/Contact: Electric/Kevin Keating

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$	1,150,000	\$ —	\$ 250,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 2,750,000
Total	\$	1,150,000	\$ —	\$ 250,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 2,750,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	1,150,000	\$ —	\$ 250,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 2,750,000
Subtotal	\$	1,150,000	\$ —	\$ 250,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 2,750,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,150,000	\$ —	\$ 250,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 2,750,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2410 **Replace 115/60kV Transformers**

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Northern Receiving Station

Description: Replace/upgrade Transformers at Northern and Scott Receiving Stations.

Justification: Required for new system capacity.

Duration: Q1 2014 to Q4 2022

Status: Design is scheduled to begin in August 2018.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	705,191
Estimated Carryforward into 2018-19	\$	9,000,000
Total Available Appropriations	\$	11,000,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$	—	\$ 2,000,000	\$ 7,000,000	\$ 7,000,000	\$ 2,000,000	\$ —	\$ 18,000,000
Intra Trs In - Cust Srvc Chrg		9,705,191	—	—	—	—	—	9,705,191
Total	\$	9,705,191	\$ 2,000,000	\$ 7,000,000	\$ 7,000,000	\$ 2,000,000	\$ —	\$ 27,705,191
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	1,100,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,100,000
Construction		2,100,000	2,000,000	7,000,000	7,000,000	2,000,000	—	20,100,000
Equipment		6,505,191	—	—	—	—	—	6,505,191
Subtotal	\$	9,705,191	\$ 2,000,000	\$ 7,000,000	\$ 7,000,000	\$ 2,000,000	\$ —	\$ 27,705,191
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	9,705,191	\$ 2,000,000	\$ 7,000,000	\$ 7,000,000	\$ 2,000,000	\$ —	\$ 27,705,191
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	215,211
Estimated Carryforward into 2018-19	\$	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 2019

Status: Project is in progress and is expected to be completed in Q4 2019.

Department/Contact: Electric/Jeff Ipsaro

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc								
Chrg	\$	375,000	\$ —	\$ —	\$ —	\$ —	\$ —	375,000
Total	\$	375,000	\$ —	\$ —	\$ —	\$ —	\$ —	375,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	375,000	\$ —	\$ —	\$ —	\$ —	\$ —	375,000
Subtotal	\$	375,000	\$ —	\$ —	\$ —	\$ —	\$ —	375,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	375,000	\$ —	\$ —	\$ —	\$ —	\$ —	375,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	206,750
Estimated Carryforward into 2018-19	\$	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 2020

Status: This project is in contract negotiations.

Department/Contact: Electric/Jeff Ipsaro

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc							
Chrg	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Total	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Subtotal	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 475,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 475,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	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/TBD

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc								
Chrg		\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Total		\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering		\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,000
Construction		175,000	—	—	—	—	—	175,000
Equipment		50,000	—	—	—	—	—	50,000
Subtotal		\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total		\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	750,000
Total Available Appropriations	\$	750,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$	750,000	\$ —	\$ —	\$ 10,150,000	\$ 100,000	\$ —	\$ 11,000,000
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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	750,000	\$ —	\$ —	\$ 150,000	\$ 100,000	\$ —	\$ 1,000,000
Construction		—	—	—	5,000,000	5,000,000	—	10,000,000
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 Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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. Construction in process.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	914,466
Estimated Carryforward into 2018-19	\$	1,087,140
Total Available Appropriations	\$	3,087,140

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs							
Chrg	\$ 2,001,606	\$ 2,000,000	\$ 2,000,000	\$ 2,200,000	\$ 2,200,000	\$ 2,400,000	\$ 12,801,606
Total	\$ 2,001,606	\$ 2,000,000	\$ 2,000,000	\$ 2,200,000	\$ 2,200,000	\$ 2,400,000	\$ 12,801,606
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000
Construction	1,800,000	1,900,000	1,900,000	2,100,000	2,100,000	2,300,000	12,100,000
Salary And Wages - Regular	1,606	—	—	—	—	—	1,606
Subtotal	\$ 2,001,606	\$ 2,000,000	\$ 2,000,000	\$ 2,200,000	\$ 2,200,000	\$ 2,400,000	\$ 12,801,606
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 2,001,606	\$ 2,000,000	\$ 2,000,000	\$ 2,200,000	\$ 2,200,000	\$ 2,400,000	\$ 12,801,606
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	2,750,000
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 scheduled 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 Q2 2019

Status: Engineering design in process. Construction expected to begin in summer 2018.

Department/Contact: Electric/Kevin Keating

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv							
Chrg	\$ 2,750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,750,000
Total	\$ 2,750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,750,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 700,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 700,000
Construction	2,050,000	—	—	—	—	—	2,050,000
Subtotal	\$ 2,750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,750,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 2,750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,750,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 to increase load serving capability (30MW) of NWN Substation.

Justification: To meet customer demand.

Duration: Q2 2017 to Q1 2019

Status: Construction has begun.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	2,341,682
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv								
Chrg	\$	2,341,682	\$	—	\$	—	\$	—
Total	\$	2,341,682	\$	—	\$	—	\$	—
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	2,300,000	\$	—	\$	—	\$	—
Salary And Wages - Regular		41,682		—		—		—
Total	\$	2,341,682	\$	—	\$	—	\$	—
Less Deferred/Unfunded				—		—		—
Total	\$	2,341,682	\$	—	\$	—	\$	—
Operating Impacts			\$	—	\$	—	\$	—

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	500,000
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. Project meets Council's goal of delivering and enhancing high-quality efficient services and infrastructure.

Duration: Q1 2018 to Q2 2022

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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Solid Waste	\$ 21,500	\$ —	\$ 129,000	\$ 182,750	\$ 182,750	\$ —	\$ 516,000
Trs In - Storm Drain	1,000	—	6,000	8,500	8,500	—	24,000
Trs In - Sewer	46,000	—	276,000	391,000	391,000	—	1,104,000
Trs In - Water	39,500	—	237,000	335,750	335,750	—	948,000
Intra Trs In - Cust Srvc Chrg	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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 380,000	\$ —	\$ 2,300,000	\$ 3,260,000	\$ 3,260,000	\$ —	\$ 9,200,000
Contingencies/Misc	100,000	—	600,000	850,000	850,000	—	2,400,000
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 Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q2 2020

Status: Detail design in process.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	50,000
Estimated Carryforward into 2018-19	\$	200,000
Total Available Appropriations	\$	450,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv							
Chrg	\$ 250,000	\$ 250,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 750,000
Total	\$ 250,000	\$ 250,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 750,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 250,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Construction	—	200,000	250,000	—	—	—	450,000
Subtotal	\$ 250,000	\$ 250,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 750,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 250,000	\$ 250,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 750,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Q2 2020

Status: Continue to maintain control systems using available parts, evaluating options from GE, Ethos, Emerson.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	500,000
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc							
Chrg	\$ 500,000	\$ —	\$ 800,000	\$ —	\$ —	\$ —	\$ 1,300,000
Total	\$ 500,000	\$ —	\$ 800,000	\$ —	\$ —	\$ —	\$ 1,300,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 500,000	\$ —	\$ 800,000	\$ —	\$ —	\$ —	\$ 1,300,000
Subtotal	\$ 500,000	\$ —	\$ 800,000	\$ —	\$ —	\$ —	\$ 1,300,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 500,000	\$ —	\$ 800,000	\$ —	\$ —	\$ —	\$ 1,300,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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

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. These replacements are required to comply and maintain emissions within permitted limits.

Duration: Q1 2018 to Q2 2020

Status: Annual core sampling will be completed to ensure the exhaustion rate is holding constant. It is expected that these will need to be replaced in FY 2019-20.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	500,000
Total Available Appropriations	\$	500,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Svc								
Chrg	\$	500,000	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,000,000
Total	\$	500,000	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ 1,000,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
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 Impacts	\$		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 Steam Turbine Generator (STG) requires a major overhaul.

Justification: The STG is due for its major overhaul maintenance and inspection.

Duration: Q1 2018 to Q2 2019

Status: The STG major overhaul and inspection is due but has been deferred in the past based on STG inspections.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	200,000
Estimated Carryforward into 2018-19	\$	2,300,000
Total Available Appropriations	\$	2,300,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,500,000
Total	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,500,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,500,000
Subtotal	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,500,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 2,500,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,500,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2429 **Storm Water Compliance**

Project Type: Distinct

Program: 1378

Theme: Santa Clara Utilities

Location: 1705 Marin Avenue

Description: Yard improvements for storm water protection.

Justification: To comply with storm water regulations to prevent contaminating rain water run off.

Duration: Q1 2018 to Q4 2019

Status: Construction will begin in FY 2018/19 and project will be completed in 1 year.

Department/Contact: Electric/Damon Beck

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	400,000
Total Available Appropriations	\$	400,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs								
Chrg	\$	400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Total	\$	400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Subtotal	\$	400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	400,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 400,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2430 2nd 420MW 230.115kV Transformer at NRS

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: NRS 230kV and 115kV Substations

Description: Design and construction adding 2nd 230kV/115kV transformers and necessary equipment (230kV and 115kV breakers and bays)

Justification: Provide for system load growth to maintain reliability and operational flexibility of the transmission system. Required to serve load.

Duration: Q3 2020 to Q1 2024

Status: Engineering coordination with PG&E, equipment specification of equipment construct planning should start about 2020.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc							
Chrg	\$ —	\$ —	\$ —	\$ 200,000	\$ 850,000	\$ 10,000,000	\$ 11,050,000
Total	\$ —	\$ —	\$ —	\$ 200,000	\$ 850,000	\$ 10,000,000	\$ 11,050,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ —	\$ —	\$ 200,000	\$ 500,000	\$ 1,000,000	\$ 1,700,000
Construction	—	—	—	—	350,000	9,000,000	9,350,000
Subtotal	\$ —	\$ —	\$ —	\$ 200,000	\$ 850,000	\$ 10,000,000	\$ 11,050,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ —	\$ —	\$ 200,000	\$ 850,000	\$ 10,000,000	\$ 11,050,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2431 Homestead Substation Rebuild

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: Homestead Rd.

Description: Replace existing 60kV bus work and breakers; replace old metal clad switchgear with new 12kV switchgear, and replace existing transformers.

Justification: Existing switchgear is 45 years old and obsolete. Spare parts for the switchgear are no longer available and must be custom built.

Duration: Q3 2018 to Q2 2022

Status: Preliminary site evaluation and layout of facilities to occur in FY 2018-19. Project design, equipment procurement and Phase I construction scheduled to occur in FY 2019-20 and 2020-21.

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ —	\$ 500,000	\$ 2,800,000	\$ 16,000,000	\$ 6,000,000	\$ —	\$ 25,300,000
Total	\$ —	\$ 500,000	\$ 2,800,000	\$ 16,000,000	\$ 6,000,000	\$ —	\$ 25,300,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 500,000	\$ 1,150,000	\$ —	\$ —	\$ —	\$ 1,650,000
Construction	—	—	1,150,000	1,500,000	6,000,000	—	8,650,000
Equipment	—	—	500,000	14,500,000	—	—	15,000,000
Subtotal	\$ —	\$ 500,000	\$ 2,800,000	\$ 16,000,000	\$ 6,000,000	\$ —	\$ 25,300,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 500,000	\$ 2,800,000	\$ 16,000,000	\$ 6,000,000	\$ —	\$ 25,300,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2432 2429 - Storm Water Compliance

Project Type: Distinct

Program: 1378

Theme: Santa Clara Utilities

Location: 1705 Martin Avenue

Description: Rehabilitation of Utilities Corporation Yard to address pavement distresses and upgrade pavement life.

Justification: Remove and replace distressed areas, apply asphalt seal coat systems to enhance durability.

Duration: Q1 2019 to Q2 2019

Status: Project is currently in the design stage and is expected to be completed in 2019.

Department/Contact: Electric/Mark Gervacio

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	655,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvcs								
Chrg		\$ —	\$ 655,000	\$ —	\$ —	\$ —	\$ —	\$ 655,000
Total		\$ —	\$ 655,000	\$ —	\$ —	\$ —	\$ —	\$ 655,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction		\$ —	\$ 655,000	\$ —	\$ —	\$ —	\$ —	\$ 655,000
Subtotal		\$ —	\$ 655,000	\$ —	\$ —	\$ —	\$ —	\$ 655,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total		\$ —	\$ 655,000	\$ —	\$ —	\$ —	\$ —	\$ 655,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2433 2430 Parker Substation

Project Type: Distinct

Program: 1361

Theme: Santa Clara Utilities

Location: 825, 725 and 651 Mathew Street

Description: Parker Substation will be a 2-bank substation with provisions for a third bank.

Justification: Customer request to purchase capacity for new Data Center (27MVA initial capacity until South Loop Project is complete).

Duration: Q3 2018 to Q3 2019

Status: Planning/Design process

Department/Contact: Electric/Kevin Keating

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	1,150,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions		—	1,150,000	1,050,000	—	—	—	2,200,000
Total	\$	—	\$ 1,150,000	\$ 1,050,000	\$ —	\$ —	\$ —	\$ 2,200,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	—	\$ 950,000	\$ 800,000	\$ —	\$ —	\$ —	\$ 1,750,000
Construction		—	150,000	200,000	—	—	—	350,000
Equipment		—	50,000	50,000	—	—	—	100,000
Subtotal	\$	—	\$ 1,150,000	\$ 1,050,000	\$ —	\$ —	\$ —	\$ 2,200,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	—	\$ 1,150,000	\$ 1,050,000	\$ —	\$ —	\$ —	\$ 2,200,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2434 **Replace Balance of Plant Control System (DCS)**
Project Type: Distinct
Program: 1377
Theme: Santa Clara Utilities
Location: DVR Power Plant
Description: Replace existing failing ABB balance of plant control system.
Justification: Existing control system experiencing multiple failures and requires replacement per OEM (original equipment manufacturer).
Duration: Q1 2019 to Q4 2019
Status: Planning stages.
Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	1,500,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc Chrg	\$ —	\$ 1,500,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,600,000
Total	\$ —	\$ 1,500,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,600,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ 500,000
Construction	—	500,000	—	—	—	—	500,000
Equipment	—	500,000	100,000	—	—	—	600,000
Subtotal	\$ —	\$ 1,500,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,600,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 1,500,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 1,600,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2435 **DOT Gas Pipeline Upgrades and Repairs**
Project Type: Distinct
Program: 1377
Theme: Santa Clara Utilities
Location: Between Gianera and DVR Power Plants
Description: Upgrade and repair DOT gas pipeline.
Justification: Regulations and inspections will dictate upgrade and repair schedule.
Duration: Q1 2019 to Q2 2021
Status: Planning.
Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	850,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs	\$ —	\$ 850,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 1,100,000
Chrg	\$ —	\$ 850,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 1,100,000
Total	\$ —	\$ 850,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 1,100,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 250,000	\$ 50,000	\$ —	\$ —	\$ —	\$ 300,000
Construction	—	500,000	100,000	—	—	—	600,000
Equipment	—	100,000	100,000	—	—	—	200,000
Subtotal	\$ —	\$ 850,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 1,100,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 850,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 1,100,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2436 **Piping System Repairs**

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: DVR and Cogen Power Plants

Description: Replace and repair failing piping systems.

Justification: Deliver and enhance high quality efficient services and infrastructure to avoid more costly repairs later.

Duration: Q1 2019 to Q2 2021

Status: Planning.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	300,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs Chrg	\$ —	\$ 300,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 600,000
Total	\$ —	\$ 300,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 600,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ 150,000
Construction	—	150,000	50,000	50,000	—	—	250,000
Equipment	—	100,000	50,000	50,000	—	—	200,000
Subtotal	\$ —	\$ 300,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 600,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 300,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 600,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2437 **Valve Replacement and Repair**

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: DVR and Cogen Power Plants

Description: Replace and repair aging/failing valves.

Justification: Safety and regulatory.

Duration: Q1 2019 to Q2 2021

Status: Planning.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	500,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvs							
Chrg	\$ —	\$ 500,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 700,000
Total	\$ —	\$ 500,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 700,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 50,000	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ 100,000
Construction	—	350,000	50,000	50,000	—	—	450,000
Equipment	—	100,000	25,000	25,000	—	—	150,000
Subtotal	\$ —	\$ 500,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 700,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 500,000	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ 700,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2438 **Underground/Above Ground Tank Replacement and Maintenance**

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: Santa Clara Generation Facilities

Description: Replace and maintain underground and above ground tanks.

Justification: Safety and regulatory.

Duration: Q1 2019 to Q2 2021

Status: Planning.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	300,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv	\$ —	\$ 300,000	\$ 75,000	\$ —	\$ —	\$ —	\$ 375,000
Total	\$ —	\$ 300,000	\$ 75,000	\$ —	\$ —	\$ —	\$ 375,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 50,000	\$ 25,000	\$ —	\$ —	\$ —	\$ 75,000
Construction	\$ —	200,000	25,000	—	—	—	225,000
Equipment	—	50,000	25,000	—	—	—	75,000
Subtotal	\$ —	\$ 300,000	\$ 75,000	\$ —	\$ —	\$ —	\$ 375,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 300,000	\$ 75,000	\$ —	\$ —	\$ —	\$ 375,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

Project ID/Name: 2439 **Hydro Controls Upgrade**

Project Type: Distinct

Program: 1377

Theme: Santa Clara Utilities

Location: Santa Clara Hydro Electric Plants

Description: Replace and upgrade computer and control systems for hydroelectric plants.

Justification: Safety, regulatory and reliability.

Duration: Q2 2019 to Q4 2020

Status: Planning.

Department/Contact: Electric/Chris Karwick

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	175,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv							
Chrg	\$ —	\$ 175,000	\$ 75,000	\$ 75,000	\$ —	\$ —	\$ 325,000
Total	\$ —	\$ 175,000	\$ 75,000	\$ 75,000	\$ —	\$ —	\$ 325,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 75,000	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ 125,000
Construction	—	25,000	25,000	25,000	—	—	75,000
Equipment	—	75,000	25,000	25,000	—	—	125,000
Subtotal	\$ —	\$ 175,000	\$ 75,000	\$ 75,000	\$ —	\$ —	\$ 325,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 175,000	\$ 75,000	\$ 75,000	\$ —	\$ —	\$ 325,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 591 - ELECTRIC UTILITY

FUTURE UNAPPROPRIATED PROJECTS

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

FUND 591 - ELECTRIC UTILITY

PROJECTS CLOSING IN 2018-19

Project ID/Name: **2106 System Short Circuit Fault Duty Reduction**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Svc Chrg	\$ 2,305,147	\$ 1,104,046	\$ 1,201,101
Intra Trs In - Electric (CRF)	\$ 2,165,893	\$ —	\$ 2,165,893

Project ID/Name: **2116 De La Cruz Junction Substation 60kV**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Developer Contributions	\$ 12,300,000	\$ 6,555,993	\$ 5,744,007
Intra Trs In - Cust Svc Chrg	\$ 292,163	\$ 292,163	\$ —

Project ID/Name: **2125 Public Benefits Program**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Electric (PBC)	\$ 1,215,133	\$ 201,657	\$ 1,013,476

Project ID/Name: **2385 Back-Up Control Center**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Svc Chrg	\$ 250,000	\$ 211,395	\$ 38,605
Intra Trs In - Electric (CRF)	\$ 300,000	\$ 300,000	\$ —

Project ID/Name: **2387 PC Lifecycle Replacement**

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Svc Chrg	\$ 892,202	\$ 854,739	\$ 37,463

Project ID/Name: 2403 Install Fairview Substation**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Developer Contributions	\$ 6,000,000	\$ 6,000,000	\$ —
Intra Trs In - Cust Srvc Chrg	\$ 15,114,896	\$ 12,220,872	\$ 2,894,024

Project ID/Name: 2405 SVP Fiber Optic Expansion Project**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$ 3,278,802	\$ 3,183,591	\$ 95,211

Project ID/Name: 2408 Electric Planning and Strategic Services Building and Grounds**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$ 175,000	\$ 140,327	\$ 34,673

Project ID/Name: 2413 Distributed Antenna System Development**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Developer Contributions	\$ 2,000,000	\$ 412,004	\$ 1,587,996
Intra Trs In - Cust Srvc Chrg	\$ 318,719	\$ 318,719	\$ —

Project ID/Name: 2416 Black Butte Afterbay Erosion Remediation**Status:** Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$ 2,702,772	\$ 2,282,298	\$ 420,474

FUND 591 - ELECTRIC UTILITY

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Project ID/Name:	2419 Brokaw Substation Expansion			
Status:	Closed			
Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance	
Intra Trs In - Cust Svc Chrg	\$ 548,640	\$ 405,594	\$	143,046
<hr/>				
Project ID/Name:	2428 Cogen Gas Turbine 25ppm Nox Reduction			
Status:	Closed			
Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance	
Intra Trs In - Cust Svc Chrg	\$ 200,000	\$ —	\$	200,000
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City of Santa Clara

The Center of What's Possible

Fund 592 Water Utility

FUND 592 - WATER UTILITY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers							
Trs In - Sewer	—	680,000	545,000	545,000	500,000	500,000	2,770,000
Intra Trs In - Cust Svc Chrg	\$ 25,592,660	\$ 3,620,000	\$ 4,465,000	\$ 4,160,000	\$ 3,600,000	\$ 3,175,000	\$ 44,612,660
Subtotal	\$ 25,592,660	\$ 4,300,000	\$ 5,010,000	\$ 4,705,000	\$ 4,100,000	\$ 3,675,000	\$ 47,382,660
Total Financing Sources	\$ 25,592,660	\$ 4,300,000	\$ 5,010,000	\$ 4,705,000	\$ 4,100,000	\$ 3,675,000	\$ 47,382,660

* Amount represents cumulative appropriations since project inception.

FUND 592 - WATER UTILITY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 2,615,370	\$ 1,090,000	\$ 1,380,000	\$ 250,000	\$ 400,000	\$ 1,001,250	\$ 6,736,620
Construction	20,989,962	3,210,000	3,630,000	4,455,000	3,700,000	2,673,750	38,658,712
Contingency	35,865	—	—	—	—	—	35,865
Equipment	4,546	—	—	—	—	—	4,546
Salary And Wages	1,946,917	—	—	—	—	—	1,946,917
Subtotal Appropriations	\$ 25,592,660	\$ 4,300,000	\$ 5,010,000	\$ 4,705,000	\$ 4,100,000	\$ 3,675,000	\$ 47,382,660
Less: Deferred/Unfunded**		—	—	—	—	—	—
Total Appropriations	\$ 25,592,660	\$ 4,300,000	\$ 5,010,000	\$ 4,705,000	\$ 4,100,000	\$ 3,675,000	\$ 47,382,660
Operating Impact		\$ —	\$ (5,000)	\$ 995,000	\$ 995,000	\$ 995,000	\$ 2,980,000

* 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	2018-19 Appropriations	Total Available Appropriations
Distinct	7005	Buildings and Grounds	\$ 315,000	\$ —	\$ 315,000	\$ 280,000	\$ 595,000
Ongoing	7054	Distribution System Replacement/Restoration	19,775,786	15,575,786	4,200,000	2,490,000	6,690,000
Distinct	7056	Office Rehabilitation	586,874	441,874	145,000	50,000	195,000
Distinct	7057	Asset Management Program	750,000	50,000	700,000	250,000	950,000
Distinct	7058	SCADA Improvements	1,225,000	(1,375,000)	2,600,000	650,000	3,250,000
Ongoing	7059	New and Replacement Wells	2,000,000	261	1,999,739	—	1,999,739
Distinct	7060	Tank Rehabilitation	940,000	415,000	525,000	580,000	1,105,000
Total			\$ 25,592,660	\$ 15,107,921	\$ 10,484,739	\$ 4,300,000	\$ 14,784,739

* A project with no prior year appropriations used to be a work order project or is a new project.

FUND 592 - WATER UTILITY

Project ID/Name: 7005 **Buildings and Grounds**

Project Type: Distinct

Program: 1423

Theme: Santa Clara Utilities

Location: Citywide

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	315,000
Total Available Appropriations	\$	595,000

Description: Improvements at Corporation Yard (1705 Martin Avenue) and well/pump station sites (e.g., re-roofing, fencing, paving, landscape maintenance, and raw material bin covers at the Corporation Yard).

Justification: Maintenance and improvements of the building and grounds of the Corporation Yard and well/pump station sites is necessary for the efficiency, appearance, and safety of Water Utility facilities.

Duration: Q1 2017 to Q4 2020

Status: In addition to other smaller projects, in FY 2018-19, the Corporation Yard will be repaved and restriped to provide for the more efficient use of the yard, raw material bins will be covered to comply with stormwater permit requirements, and staff will conduct a procurement for a well/pump site landscape maintenance contract. FY 2019-20: Paving project at Northside and Rabello Pump Stations. Project will end in FY 2019-20.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Sewer	\$ —	\$ 280,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 380,000
Intra Trs In - Cust Srvc Chrg	315,000	—	—	—	—	—	315,000
Total	\$ 315,000	\$ 280,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 695,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 315,000	\$ 280,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 695,000
Subtotal	\$ 315,000	\$ 280,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 695,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 315,000	\$ 280,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 695,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	15,575,786
Estimated Carryforward into 2018-19	\$	4,200,000
Total Available Appropriations	\$	6,690,000

Description: Construct, replace, rehabilitate or relocate water mains, backflow preventers, hydrants, meters and related appurtenances, etc., not funded by developer contributions.

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: FY 2017-18: Planned completion of installation of approximately 2,000 linear feet (LF) of water main on Norman Avenue, approximately 1,400 LF of water main on Reed Street, and approximately 1,500 LF of water main on Shafer Drive. FY 2018-19: Installation of approximately 10,000 LF of water main in the area of Pepper Tree Lane, Marietta Drive, and Miles Drive as well as the area of Las Palmas Drive, Patricia Drive, Dixon Drive, Hayward Drive and Rose Way.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc							
Chrg	\$ 19,775,786	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Total	\$ 19,775,786	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 1,065,370	\$ 590,000	\$ 330,000	\$ —	\$ 300,000	\$ 326,250	\$ 2,611,620
Construction	16,749,962	1,900,000	1,300,000	1,875,000	1,700,000	1,848,750	25,373,712
Contingencies/Misc	20,865	—	—	—	—	—	20,865
Equipment	4,546	—	—	—	—	—	4,546
Salary And Wages - Regular	1,935,043	—	—	—	—	—	1,935,043
Subtotal	\$ 19,775,786	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 19,775,786	\$ 2,490,000	\$ 1,630,000	\$ 1,875,000	\$ 2,000,000	\$ 2,175,000	\$ 29,945,786
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	441,874
Estimated Carryforward into 2018-19	\$	145,000
Total Available Appropriations	\$	195,000

Description: Rehabilitate office space for Water Utility staff use at City Hall and the Corporation Yard.
Justification: To facilitate improved customer service and create a more efficient work space for Water Utility staff.
Duration: Q1 2014 to Q4 2019

Status: FY 2017-18: Lobby remodeled to increase work surface and storage, improving customer service. Kitchen installed in Water & Sewer Utilities office in City Hall for employee use. FY 2018-19: Staff will use remainder of funds budgeted to rehabilitate City Hall office space as needed to accommodate staffing needs, further improve customer service, and facilitate increased productivity. Project will close at the end of FY 2018-19.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Svc Chrg	\$	586,874	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Total	\$	586,874	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	560,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —	610,000
Contingencies/Misc		15,000	—	—	—	—	—	15,000
Salary And Wages - Regular		11,874	—	—	—	—	—	11,874
Subtotal	\$	586,874	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	586,874	\$ 50,000	\$ —	\$ —	\$ —	\$ —	636,874
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	—

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 2017-18	\$	50,000
Estimated Carryforward into 2018-19	\$	700,000
Total Available Appropriations	\$	950,000

Description: Implement a comprehensive Asset Management Program for the City's Water and Sewer Utilities which includes risk assessments, reliability assessments, hydraulic modeling, and rate study for the water and sewer systems. Maintain and upgrade existing Computerized Maintenance Management System (CMMS) to ensure system reliability, accurate reports and data, and compliance with regulatory record keeping requirements. The Sewer Utility's Project #1915 has been combined with this project, along with budgeted revenues and expenditures.

Justification: The efficient management of the service life of Water & Sewer Utilities' assets using a risk management and priority ranking system.

Duration: Q3 2015 to Q4 2021

Status: FY 2017-18: Water, Sewer, and Recycled Water Rate Study (approximately \$100,000), Hydraulic Modeling (approximately \$100,000). FY 2018-19: Formal Asset Management Program (\$400,000 - \$500,000), potential hardware and software upgrades associated with CMMS, and GIS systems. After FY 2020-21, asset management costs will be budgeted in the operating budget.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Sewer	\$ —	\$ 75,000	\$ 45,000	\$ 45,000	\$ —	\$ —	\$ 165,000
Intra Trs In - Cust Srvc Chrg	750,000	175,000	105,000	105,000	—	—	1,135,000
Total	\$ 750,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 1,300,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 750,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 1,300,000
Subtotal	\$ 750,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 1,300,000
Less Deferred/Unfunded	—	—	—	—	—	—	—
Total	\$ 750,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ —	\$ —	\$ 1,300,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

Project ID/Name: 7058 **SCADA Improvements**
Project Type: Distinct
Program: 1423
Theme: Santa Clara Utilities
Location: Citywide

Estimated Expenditures through 2017-18	\$	(1,375,000)
Estimated Carryforward into 2018-19	\$	2,600,000
Total Available Appropriations	\$	3,250,000

Description: Improve and upgrade the existing Supervisory Control and Data Acquisition (SCADA) system including Phase II, III, and IV improvements for Water Utility. Replacement of the SCADA system for the efficient operation of the sanitary sewer collection system and associated pumping facilities. The Sewer Utility's Project #1914 has been combined with this project, along with budgeted revenues and expenditures.

Justification: The SCADA system has reached the end of its useful life and is in need of replacement. This replacement will help to ensure the continued effective control and operation of the City water utility distribution system and sanitary sewer collection system.

Duration: Q3 2015 to Q4 2023

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	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Trs In - Sewer	\$	—	\$ 325,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,225,000
Intra Trs In - Cust Srvc Chrg		1,225,000	325,000	400,000	500,000	500,000	500,000	3,450,000
Total	\$	1,225,000	\$ 650,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,675,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	300,000	\$ 250,000	\$ 400,000	\$ —	\$ —	\$ 625,000	\$ 1,575,000
Construction		925,000	400,000	400,000	1,000,000	1,000,000	375,000	4,100,000
Subtotal	\$	1,225,000	\$ 650,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,675,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	1,225,000	\$ 650,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,675,000
Operating Impacts			\$ —	\$ —	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,000,000

FUND 592 - WATER UTILITY

Project ID/Name: 7059 **New and Replacement Wells**

Project Type: Ongoing

Program: 1423

Theme: Santa Clara Utilities

Location: Citywide

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 (RFP) was issued for the design of two new wells. The design of the two wells is expected to be completed in FY 2018-19, with construction completed in FY 2020-21. Design and construction of additional wells is expected to follow the completion of the first two wells.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2017-18	\$	261
Estimated Carryforward into 2018-19	\$	1,999,739
Total Available Appropriations	\$	1,999,739

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv								
Chrg	\$	2,000,000	\$ —	\$ 1,750,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Total	\$	2,000,000	\$ —	\$ 1,750,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	500,000	\$ —	\$ 500,000	\$ 100,000	\$ 100,000	\$ 50,000	\$ 1,250,000
Construction		1,500,000	—	1,250,000	1,000,000	1,000,000	450,000	5,200,000
Subtotal	\$	2,000,000	\$ —	\$ 1,750,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	2,000,000	\$ —	\$ 1,750,000	\$ 1,100,000	\$ 1,100,000	\$ 500,000	\$ 6,450,000
Operating Impacts			\$ —	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ (20,000)

FUND 592 - WATER UTILITY

Project ID/Name: 7060 **Tank Rehabilitation**
Project Type: Distinct
Program: 1423
Theme: Santa Clara Utilities
Location: Citywide

Estimated Expenditures through 2017-18	\$	415,000
Estimated Carryforward into 2018-19	\$	525,000
Total Available Appropriations	\$	1,105,000

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 Q4 2021

Status: Design and associated rehabilitation work, which is expected to extend into FY 2020-21, will include interior and exterior coating, exterior fall protection for increased safety (also other OSHA related upgrades), and adding sampling ports to assist with water quality.

Department/Contact: Water & Sewer/Gary Welling

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv								
Chrg	\$	940,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ —	\$ —	\$ 2,680,000
Total	\$	940,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ —	\$ —	\$ 2,680,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	940,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ —	\$ —	\$ 2,680,000
Subtotal	\$	940,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ —	\$ —	\$ 2,680,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	940,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ —	\$ —	\$ 2,680,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 592 - WATER UTILITY

PROJECTS CLOSING IN 2018-19

Project ID/Name:	7006 Services and Development Improvements
Status:	Closed
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
Developer Contributions	\$ 460,000 \$ 398,475 \$ 61,524.62

Project ID/Name:	7061 Implementation of Advanced Metering Infrastructure (AMI)
Status:	Closed
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
Intra Trs In - Cust Srvs Chrg	\$ 100,000 \$ — \$ 100,000

Project ID/Name:	7062 Fiber Optic Network
Status:	Closed
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
Intra Trs In - Cust Srvs Chrg	\$ 200,000 \$ 1,701 \$ 198,298.58

Project ID/Name:	7063 Water Transmission Mains Assessment
Status:	Closed
Account Description	Prior Years Appropriations Prior Years Expenditures Estimated Balance
Intra Trs In - Cust Srvs Chrg	\$ 100,000 \$ — \$ 100,000

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City of Santa Clara

The Center of What's Possible

Fund 597 Recycled Water

FUND 597 - RECYCLED WATER

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers							
Intra Trs In - Cust Srvs Chrg	\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Subtotal	\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Total Financing Sources	\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000

* Amount represents cumulative appropriations since project inception.

FUND 597 - RECYCLED WATER

FUND SUMMARY

APPROPRIATIONS

Description		Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures								
Construction	80300	442,261	50,000	50,000	50,000	50,000	50,000	692,261
Salary And Wages	87010	7,739	—	—	—	—	—	7,739
Subtotal Appropriations		\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Less: Deferred/Unfunded**			—	—	—	—	—	—
Total Appropriations		\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	7505	Recycled Water System Mains and Services	\$ 450,000	\$ 450,000	\$ —	\$ 50,000	\$ 50,000
		Total	\$ 450,000	\$ 450,000	\$ —	\$ 50,000	\$ 50,000

* A project with no prior year appropriations used to be a work order project or is 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. FY 2016-17: 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 2017-18	\$	450,000
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	50,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srv								
Chrg		\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Total		\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction		\$ 442,261	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 692,261
Salary And Wages - Regular		7,739	—	—	—	—	—	7,739
Subtotal		\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total		\$ 450,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 597 - RECYCLED WATER

FUTURE UNAPPROPRIATED PROJECTS

Project Name:	Future 597-001	Recycled Water Storage Reservoir								
First Year Funding Requested:	2018	Status:		Future						
Description:	Design and construction of a reservoir for the storage of recycled water for use by City customers									
Justification:	Storage of recycled water will allow Water & Sewer Utilities to meet the demands of a growing customer base and allow for operational flexibility.									
	2019-20		2020-21		2021-22		2022-23		Total	
Appropriations	\$	—	\$	2,500,000	\$	2,500,000	\$	—	\$	5,000,000
Operating Impact	\$	—	\$	—	\$	100,000	\$	100,000	\$	200,000

FUND 597 - RECYCLED WATER

PROJECTS CLOSING IN 2018-19

Project ID/Name: 7507 Retrofit of City Parks with Recycled Water

Status: Closed

Account Description	Prior Years Appropriations	Prior Years Expenditures	Estimated Balance
Intra Trs In - Cust Srvs Chrg	\$ 350,000	\$ —	\$ 350,000



City of Santa Clara

The Center of What's Possible

Fund 594 Sewer Utility

FUND 594 - SEWER UTILITY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Charges for Services							
Sanitary Outlet Charge	\$ 220,445	\$ —	\$ —	\$ —	\$ —	\$ —	220,445
Sewer Conveyance Fee	22,326,124	3,000,000	3,000,000	3,000,000	4,110,000	3,000,000	38,436,124
Subtotal	\$ 22,546,569	\$ 3,300,000	\$ 3,000,000	\$ 3,000,000	\$ 4,410,000	\$ 3,000,000	\$ 39,256,569
Op Transfers							
Intra Trs In - Reserves	692,440	—	—	—	—	—	692,440
Intra Trs In - Debt Financing	\$ —	\$ —	\$ 25,000,000	\$ 25,000,000	\$ 10,000,000	\$ —	\$ 60,000,000
Intra Trs In - Cust Srvs Chrg	98,643,335	17,790,086	25,007,830	27,844,117	4,894,889	23,153,734	197,333,991
Subtotal	\$ 99,335,775	\$ 17,790,086	\$ 50,007,830	\$ 52,844,117	\$ 14,894,889	\$ 23,153,734	\$ 258,026,431
Other Revenues							
Connection Charges	\$ 10,655,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 16,655,000
Developer Contributions	750,000	—	—	—	—	—	750,000
Subtotal	\$ 11,405,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 17,405,000
Total Financing Sources	\$ 133,287,344	\$ 22,590,086	\$ 54,507,830	\$ 56,844,117	\$ 20,304,889	\$ 27,153,734	\$ 314,688,000

* Amount represents cumulative appropriations since project inception.

FUND 594 - SEWER UTILITY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 8,184,894	\$ 1,597,350	\$ 1,314,800	\$ 1,332,250	\$ 1,772,700	\$ 1,389,500	\$ 15,591,494
Construction	118,296,193	19,702,386	51,889,230	54,184,617	16,859,489	24,274,734	285,206,649
Contingency	3,831,997	763,900	779,200	784,500	1,022,800	934,000	8,116,397
Equipment	8,018	2,000	2,000	2,000	2,000	2,000	18,018
Salary And Wages	2,966,242	524,450	522,600	540,750	647,900	553,500	5,755,442
Subtotal Appropriations	\$ 133,287,344	\$ 22,590,086	\$ 54,507,830	\$ 56,844,117	\$ 20,304,889	\$ 27,153,734	\$ 314,688,000
Less: Deferred/Unfunded**		—	—	—	—	—	—
Total Appropriations	\$ 133,287,344	\$ 22,590,086	\$ 54,507,830	\$ 56,844,117	\$ 20,304,889	\$ 27,153,734	\$ 314,688,000
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	1907	Development Extensions	\$ 220,445	\$ —	\$ 220,445	\$ —	\$ 220,445
Ongoing	1908	S.J.-S.C. Regional Wastewater Facility	92,225,335	92,225,335	—	15,881,086	15,881,086
Ongoing	1909	Sanitary Sewer Capacity Improvements	22,326,124	9,007,055	13,319,069	3,000,000	16,319,069
Ongoing	1911	Sanitary Sewer System Condition Assessment	4,375,000	2,875,000	1,500,000	1,000,000	2,500,000
Ongoing	1912	Sanitary Sewer System Improvements	8,409,000	3,909,000	4,500,000	2,409,000	6,909,000
Distinct	1913	Sanitary Sewer Pump Station Improvements	4,981,440	4,981,440	—	—	—
Distinct	1916	Walsh Avenue @ San Tomas Aquino Creek Sanitary Sewer Siphon	750,000	—	750,000	—	750,000
Ongoing	1919	Sanitary Sewer Hydraulic Modeling As Needed Support	—	—	—	300,000	300,000
Total			\$ 133,287,344	\$ 112,997,830	\$ 20,289,514	\$ 22,590,086	\$ 42,879,600

* A project with no prior year appropriations used to be a work order project or is a new project.

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	220,445
Total Available Appropriations	\$	220,445

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Sanitary Outlet Charges	\$	220,445	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 220,445
Total	\$	220,445	\$ —	\$ —	\$ —	\$ —	\$ —	220,445
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$	220,445	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 220,445
Subtotal	\$	220,445	\$ —	\$ —	\$ —	\$ —	\$ —	220,445
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	220,445	\$ —	\$ —	\$ —	\$ —	\$ —	220,445
Operating Impacts	\$		—	\$ —	\$ —	\$ —	\$ —	\$ —

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 San Jose/Santa Clara Regional Wastewater Facility (RWF) multi-year CIP including water recycling.

Justification: The City owns the RWF 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 the city of San Jose.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2017-18	\$	92,225,335
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	15,881,086

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Connection Charges	\$ 10,655,000	\$ 1,500,000	\$ 1,500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 16,655,000
Intra Trs In - Debt Financing	—	—	25,000,000	25,000,000	10,000,000	—	60,000,000
Intra Trs In - Cust Srvs Chrg	81,570,335	14,381,086	21,495,830	24,229,117	1,176,889	19,323,734	162,176,991
Total	\$ 92,225,335	\$ 15,881,086	\$ 47,995,830	\$ 50,229,117	\$ 12,176,889	\$ 20,323,734	\$ 238,831,991
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Construction	\$ 92,225,335	\$ 15,881,086	\$ 47,995,830	\$ 50,229,117	\$ 12,176,889	\$ 20,323,734	\$ 238,831,991
Subtotal	\$ 92,225,335	\$ 15,881,086	\$ 47,995,830	\$ 50,229,117	\$ 12,176,889	\$ 20,323,734	\$ 238,831,991
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 92,225,335	\$ 15,881,086	\$ 47,995,830	\$ 50,229,117	\$ 12,176,889	\$ 20,323,734	\$ 238,831,991
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 infrastructure based on capacity deficiencies identified in the 2016 Sanitary Sewer Master Plan Update.

Justification: Provide sanitary sewer system conveyance capacity and reliable infrastructure to serve/meet increased capacity needs.

Duration: Q1 2008 to Ongoing

Status: Specific projects funded by this program are in various stages of planning and design.

Department/Contact: Public Works/Falguni Amin

Estimated Expenditures through 2017-18	\$	9,007,055
Estimated Carryforward into 2018-19	\$	13,319,069
Total Available Appropriations	\$	16,319,069

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Sewer Conveyance Fees	\$ 22,326,124	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Total	\$ 22,326,124	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 2,769,289	\$ 306,000	\$ 308,000	\$ 310,000	\$ 435,000	\$ 335,000	\$ 4,463,289
Construction	14,856,835	1,925,000	1,925,000	1,915,000	2,570,000	1,760,000	24,951,835
Contingencies/Misc	3,245,000	485,000	490,000	485,000	713,000	613,000	6,031,000
Salary And Wages - Regular	1,455,000	284,000	277,000	290,000	392,000	292,000	2,990,000
Subtotal	\$ 22,326,124	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 22,326,124	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 4,110,000	\$ 3,000,000	\$ 38,436,124
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1911 **Sanitary Sewer System Condition Assessment**

Project Type: Ongoing

Program: 1514

Theme: Santa Clara Utilities

Location: Citywide

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.

Duration: Q1 2009 to Ongoing

Status: FY 2017-18: Water and Sewer Utilities performed condition assessments of the 19 sanitary sewer siphon assemblies and approximately 41,000 linear feet of sanitary sewer collection system mains. Phase 1 assessment contract awarded by Council on 12/19/17 in the amount of \$500,000. Phase 2 to follow in FY 2018-19.

Department/Contact: Water & Sewer/Gary Welling

Estimated Expenditures through 2017-18	\$	2,875,000
Estimated Carryforward into 2018-19	\$	1,500,000
Total Available Appropriations	\$	2,500,000

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc								
Chrg	\$	4,375,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,375,000
Total	\$	4,375,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,375,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	2,751,320	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 630,000	\$ 5,901,320
Construction		911,798	210,000	210,000	210,000	210,000	210,000	1,961,798
Contingencies/Misc		178,629	38,000	38,000	38,000	38,000	38,000	368,629
Equipment		8,018	2,000	2,000	2,000	2,000	2,000	18,018
Salary And Wages - Regular		525,235	120,000	120,000	120,000	120,000	120,000	1,125,235
Subtotal	\$	4,375,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,375,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,375,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,375,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1912 Sanitary Sewer System Improvements

Project Type: Ongoing

Program: 4443

Theme: Public Systems and Facilities

Location: Citywide

Estimated Expenditures through 2017-18	\$	3,909,000
Estimated Carryforward into 2018-19	\$	4,500,000
Total Available Appropriations	\$	6,909,000

Description: Repair of sanitary sewer pipelines defects that become identified from condition assessment inspections performed by the Water and Sewer Department under project number 594-1911 Sanitary Sewer System Condition Assessment. Repairs that require construction under a public works construction contract are performed as part of this project.

Justification: Improvements to correct deficiencies in the sanitary sewer system to provide reliable service.

Duration: Q1 2012 to Ongoing

Status: Five (5) public works repair contracts were completed in FY2017-18. One (1) repair contract is planned for FY2018-19 with consultant selection for design underway. Future additional construction contracts will be determined as additional condition assessments are completed under project 594-1911 and defects needing repair are identified.

Department/Contact: Public Works/Falguni Amin

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Cust Srvc								
Chrg		\$ 8,409,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Total		\$ 8,409,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering		\$ 2,395,900	\$ 361,350	\$ 376,800	\$ 392,250	\$ 407,700	\$ 424,500	\$ 4,358,500
Construction		4,987,200	1,686,300	1,758,400	1,830,500	1,902,600	1,981,000	14,146,000
Contingencies/Misc		230,600	240,900	251,200	261,500	271,800	283,000	1,539,000
Salary And Wages - Regular		795,300	120,450	125,600	130,750	135,900	141,500	1,449,500
Subtotal		\$ 8,409,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Less Deferred/Unfunded			—	—	—	—	—	—
Total		\$ 8,409,000	\$ 2,409,000	\$ 2,512,000	\$ 2,615,000	\$ 2,718,000	\$ 2,830,000	\$ 21,493,000
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	4,981,440
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	—

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. Construction contract awarded and construction to start May 2018.

Department/Contact: Public Works/Falguni Amin

Financing Sources		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Intra Trs In - Reserves	\$	692,440	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 692,440
Intra Trs In - Cust Srvc Chrg		4,289,000	—	—	—	—	—	4,289,000
Total	\$	4,981,440	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,981,440
Appropriations		Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$	218,385	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 218,385
Construction		4,394,580	—	—	—	—	—	4,394,580
Contingencies/Misc		177,768	—	—	—	—	—	177,768
Salary And Wages - Regular		190,707	—	—	—	—	—	190,707
Subtotal	\$	4,981,440	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,981,440
Less Deferred/Unfunded			—	—	—	—	—	—
Total	\$	4,981,440	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,981,440
Operating Impacts			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

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 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	750,000
Total Available Appropriations	\$	750,000

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Developer Contributions	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Total	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 50,000
Construction	700,000	—	—	—	—	—	700,000
Subtotal	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 750,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

Project ID/Name: 1919 **Sanitary Sewer Hydraulic Modeling As Needed Support**

Project Type: Ongoing

Program: 4443

Theme: Santa Clara Utilities

Location: Citywide

Estimated Expenditures through 2017-18	\$	—
Estimated Carryforward into 2018-19	\$	—
Total Available Appropriations	\$	300,000

Description: As-needed sanitary sewer hydraulic modeling support to analyze capacity impacts of development projects on sanitary sewer system, provide on-going model general maintenance, update model per completed sanitary sewer system improvements, and provide hydraulic modeling service related to sanitary sewer system capacity planning.

Justification: Developments with intensified land use greater than City's General Plan projections need to be reviewed for any capacity impact on the sanitary sewer system using City's sanitary sewer hydraulic model. Sanitary sewer hydraulic model needs to be maintained with the latest land use information and sanitary sewer system improvement data, so it can be a useful tool for planning, developing and financing future sewer system infrastructure. The sanitary sewer hydraulic model is an important tool for the City to provide reliable sanitary sewer system for existing customers and to support future developments.

Duration: Q1 2019 to Ongoing

Status: Ongoing. Hydraulic model run is continuously provided for development projects.

Department/Contact: Public Works/Falguni Amin

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Sewer Modeling Fees	\$ —	\$ 300,000	\$ —	\$ —	\$ 300,000	\$ —	\$ 600,000
Total	\$ —	\$ 300,000	\$ —	\$ —	\$ 300,000	\$ —	\$ 600,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Subtotal	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 300,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 594 - SEWER UTILITY

PROJECTS CLOSING IN 2018-19

Project ID/Name:	1906 Lift Station Equipment Replacement				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$	2,148,348	\$	1,459,649	\$ 688,699.47

Project ID/Name:	1914 SCADA Replacement				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$	8,525,000	\$	7,057,628	\$ 1,467,372

Project ID/Name:	1915 Sewer Utility Asset Management System				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$	1,160,000	\$	157,773	\$ 1,002,227

Project ID/Name:	1917 Trimble Road Trunk Sanitary Sewer				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Debt Financing	\$	12,000,000	\$	12,000,000	\$ —

Project ID/Name:	1918 Sewer Fiber Optic Network				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Intra Trs In - Cust Srvc Chrg	\$	100,000	\$	1,587	\$ 98,413



City of Santa Clara

The Center of What's Possible

Fund 593 Cemetery

FUND 593 - CEMETERY

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Op Transfers							
Distinct Trs In - Loan	\$ 41,228	\$ —	\$ —	\$ —	\$ —	\$ —	41,228
Intra Trs In - Miscellaneous	34,715	—	—	—	—	—	34,715
Subtotal	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	75,943
Total Financing Sources	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	75,943

* Amount represents cumulative appropriations since project inception.

FUND 593 - CEMETERY

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Land	75,943	—	—	—	—	—	75,943
Subtotal Appropriations	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,943
Less: Deferred/Unfunded**		—	—	—	—	—	—
Total Appropriations	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,943
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	2018-19 Appropriations	Total Available Appropriations
Ongoing	3622	Repurchase Cemetery Property	\$ 75,943	\$ 47,858	\$ 28,085	\$ —	\$ 28,085
		Total	\$ 75,943	\$ 47,858	\$ 28,085	\$ —	\$ 28,085

* A project with no prior year appropriations used to be a work order project or is 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 2017-18	\$	47,858
Estimated Carryforward into 2018-19	\$	28,085
Total Available Appropriations	\$	28,085

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Distinct Trs In - Loan	41,228	—	—	—	—	—	41,228
Intra Trs In - Miscellaneous	34,715	—	—	—	—	—	34,715
Total	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,943
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Land	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,943
Subtotal	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,943
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 75,943	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 75,943
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

FUND 593 - CEMETERY

PROJECTS CLOSING IN 2018-19

Project ID/Name:	3626 Cremation Niche Bank Project				
Status:	Closed				
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance
Distinct Trs In - Loan	\$	55,000	\$	—	\$ 55,000

Project ID/Name:	3627 Casket Lift					
Status:	Closed					
Account Description	Prior Years Appropriations		Prior Years Expenditures		Estimated Balance	
Distinct Trs In - Loan	\$	25,000	\$	—	\$	25,000

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City of Santa Clara

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Fund 596 Solid Waste

FUND 596 - SOLID WASTE

FUND SUMMARY

FINANCING SOURCES

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Interest and Rent							
Lease Revenues	\$ 115,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 15,000	\$ 194,000
Subtotal	\$ 115,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 15,000	\$ 194,000
Op Transfers							
Trs In - Capital Proj Reserves	\$ 4,804,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,804,000
Intra Trs In - Cust Srvs Chrg	3,516,000	454,000	474,000	494,000	514,000	535,000	5,987,000
Subtotal	\$ 8,320,000	\$ 454,000	\$ 474,000	\$ 494,000	\$ 514,000	\$ 535,000	\$ 10,791,000
Total Financing Sources	\$ 8,435,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ 550,000	\$ 10,985,000

* Amount represents cumulative appropriations since project inception.

FUND 596 - SOLID WASTE

FUND SUMMARY

APPROPRIATIONS

Description	Prior Years*	2018-19	2019-20	2020-21	2021-22	2022-23	Total
CIP Expenditures							
Engineering	\$ 349,874	\$ —	\$ —	\$ —	\$ —	\$ —	349,874
Construction	7,780,678	470,000	490,000	510,000	530,000	550,000	10,330,678
Contingency	283,839	—	—	—	—	—	283,839
Salary And Wages	20,609	—	—	—	—	—	20,609
Subtotal Appropriations	\$ 8,435,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ 550,000	\$ 10,985,000
Less: Deferred/Unfunded**		—	—	—	—	—	—
Total Appropriations	\$ 8,435,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ 550,000	\$ 10,985,000
Operating Impact		\$ —	\$ —	\$ —	\$ —	\$ —	—

FUTURE PROJECTS

Description	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	2018-19 Appropriations	Total Available Appropriations
Ongoing	6109	Sanitary Landfill Development - Post Closure	\$ 8,435,000	\$ 7,300,000	\$ 1,135,000	\$ 470,000	\$ 1,605,000
		Total	\$ 8,435,000	\$ 7,300,000	\$ 1,135,000	\$ 470,000	\$ 1,605,000

* A project with no prior year appropriations used to be a work order project or is 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 2017-18	\$	7,300,000
Estimated Carryforward into 2018-19	\$	1,135,000
Total Available Appropriations	\$	1,605,000

Description: Monthly monitoring, data collection, reporting, flare source test as required by regulatory agencies. Construction of monitoring wells, well abandonments, roadway repair, fence repairs, landscaping, irrigation systems, erosion repair and prevention as needed. Ongoing maintenance of the landfill gas collection system.

Justification: State requires City owned landfill to provide financial assurances on annual basis. City is required to certify available funds in the amount of \$737,000 for non-water release corrective action, and \$868,000 for post closure maintenance expenses each year. The City uses this account to demonstrate the required \$1,605,000 certification requirement. An additional \$600,000 fixed reserve fund per an agreement with CalRecycle is held in another account in the Solid Waste CIP fund.

Duration: Ongoing to Ongoing

Status: Post-closure activities performed as required. An agreement is in place with a consultant to provide the required monthly monitoring and reporting services. Agreements are in place with vendors to make repairs to the landfill gas collection system and final cover as needed. A new landfill gas flare was installed in FY 17/18. Maintenance and financial assurance required through 2023, although the requirements are likely to be extended and revised with the development of the City Place project.

Department/Contact: Public Works/Dave Staub

Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Lease Revenues	\$ 115,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 15,000	\$ 194,000
Trs In - Capital Proj Reserves	4,804,000	—	—	—	—	—	4,804,000
Intra Trs In - Cust Srvc Chrg	3,516,000	454,000	474,000	494,000	514,000	535,000	5,987,000
Total	\$ 8,435,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ 550,000	\$ 10,985,000
Appropriations	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Engineering	\$ 349,874	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 349,874
Construction	7,780,678	470,000	490,000	510,000	530,000	550,000	10,330,678
Contingencies/Misc	283,839	—	—	—	—	—	283,839
Salary And Wages - Regular	20,609	—	—	—	—	—	20,609
Subtotal	\$ 8,435,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ 550,000	\$ 10,985,000
Less Deferred/Unfunded		—	—	—	—	—	—
Total	\$ 8,435,000	\$ 470,000	\$ 490,000	\$ 510,000	\$ 530,000	\$ 550,000	\$ 10,985,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —



City of Santa Clara

The Center of What's Possible

Additional Information



Budget Principles for 2018-19

(As adopted by the City Council on January 20, 2018)



- * Make decisions within the context of the City's Code of Ethics and Values, especially being Fiscally Responsible, Communicative, and Service-Oriented.
- * Consider budget decisions with long-term implications taken into account using data from the Ten-Year Financial Plan.
- * Maximize service delivery within existing resources by balancing ongoing expenditure needs with ongoing revenues to avoid negative impacts on future budgets and maintain the City's high standards of fiscal integrity and financial management.
- * Focus on projects and services that benefit 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.
- * Balance between compensation adjustments to retain and attract employees and funding for positions.
- * Use one-time unrestricted revenues (e.g., annual General Fund surplus) for one-time uses such as increasing reserves, funding capital or Information Technology projects, paying off debt, and/or paying off unfunded pension or other post-employment benefits liabilities.
- * In accordance with Council policy, continue to maintain the General Fund Budget Stabilization Reserve balance at or above the policy level of 25% of adopted budget expenditures for the long term fiscal health of the City.
- * Inform and communicate clearly and broadly to residents, businesses and employees of the City's fiscal position and budget schedule/hearings to actively participate in the City Council's budget deliberations.
- * 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.
- * Focus on business process redesign in order to improve employee productivity and the quality, flexibility, and cost-effectiveness of service delivery (e.g., streamlining, simplifying, reorganizing functions, and reallocating resources).
- * Explore expanding existing revenue sources and/or adding new revenue sources.
- * Engage employees to contribute new and innovative ideas during the department budget development process.
- * Use the General Plan as a primary long-term fiscal planning tool and link ability to provide City services to development policy decisions.

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.

FUND 533 - STREETS AND HIGHWAYS

Project ID/Name:	1203	Annual Creek Trail Rehabilitation Program						
Project Type:	Ongoing	(2) Estimated Expenditures through 2017-18					\$	—
Program:	4443	(3) Estimated Carryforward into 2018-19					\$	100,000
Theme:	Public Systems and Facilities	(4) Total Available Appropriations					\$	200,000
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							
	(1)							
Financing Sources	Prior Years	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
Trs In - Capital Proj	\$ 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	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
Construction	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 100,000	\$ 100,000	\$	1,500,000
Subtotal	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 100,000	\$ 100,000	\$	1,500,000
Less Deferred/Unfunded		—	—	(900,000)	—	—		(900,000)
Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$	600,000
Operating Impacts		\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	—

(1) Amount under Prior Years reflects the cumulative budget totals since project inception.

(2) Project expenditures from project inception through the end of 2017-18.

(3) Amount of estimated carryforward appropriations into 2018-19.

(4) Amount of estimated appropriations available for 2018-19.

READER'S GUIDE

TYPES OF PROJECTS

The City defines three types of CIP projects:

- **Ongoing:** Appropriations carry forward and the project is needed indefinitely.
- **Distinct:** Appropriations carry forward. 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.

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



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