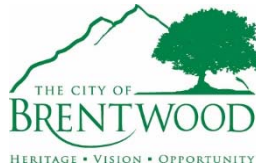


CAPITAL IMPROVEMENT PROGRAM

2018/19 - 2022/23





The 2018/19 - 2022/23 Capital Improvement Program has been amended to include the following updates:

(Amended project sheets are located directly after this page)

- A. Non-Potable Water Storage Facility (Project #592-59198) is an existing Wastewater Improvements project approved and amended at the 5/22/18 City Council Meeting. See original project sheet on page 87.
- B. Sport Court Lighting (Project #352-52428) is a prior year Community Facilities Improvements project. The project's scope was increased and timing changed to continue into Fiscal Year 2018/19. The amendment to the 2018/19 – 2022/23 Capital Improvement Program was approved at the 8/28/18 City Council Meeting.
- C. Pavement Management Program - 2018 (Project #336-30838) is an existing Roadway Improvements project approved and amended at the 8/28/18 City Council Meeting. See original project sheet on page 37.
- D. Contra Costa County Sheriff Delta Patrol Station (Project #337-37250) is a prior year Community Facilities Improvements project. The project's scope was increased and timing changed. The amendment to the 2018/19 – 2022/23 Capital Improvement Program was approved at the 11/13/18 City Council Meeting.
- E. Reservoir Painting and Recoating (Project #562-56398) is an existing Water Improvements project approved and amended at the 11/13/18 City Council Meeting. See original project sheet on page 69.
- F. Canal Replacement Cost Share (Project #562-56400) is an existing Water Improvements project approved and amended at the 1/22/19 City Council Meeting. See original project sheet on page 63.
- G. John Muir Parkway Extension – Phase II (Project #336-31683) is an existing Roadway Improvements project approved and amended at the 4/23/19 City Council Meeting. See original project sheet on page 35.
- H. Pavement Management Program – 2019 (Project #336-30839) is an existing Roadway Improvements project approved and amended at the 5/14/19 City Council Meeting. See original project sheet on page 38.

**Resolution #2018-67
Meeting 5/22/2018
Item #E1**

Project Title:

Project #:

Non-Potable Storage Facility

592-59198



Project Category:	Wastewater Improvements
Location:	2201 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1A - Mandatory
Project Phase:	Design
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$72,000
Public Art Requirement:	Exempt

Description/Justification:

This project will construct a 3.0 MGD non-potable storage facility for recycled water, including appurtenances such as pumps, valves, pipes and associated improvements. As part of the Wastewater Treatment Plant (WWTP) National Pollution Discharge Elimination System (NPDES) Permit requirements, the City must expedite implementation of steps to expand recycled water usage and decrease discharge of treated water into Marsh Creek. As part of this effort, the City needs a storage facility to buffer the daily cyclical difference between recycled water supply and demand. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

The WWTP discharges over 3 million gallons of recycled water per day into Marsh Creek. Utilization and blending of this valuable resource is a major strategic component for compliance with WWTP NPDES Permit requirements. This reduces the reliance and associated treatment costs on potable water and complies with both State and City mandates on increasing recycled water usage. The City is implementing steps to utilize more recycled water Citywide; however, the peak daily recycled water supply (morning and evenings) do not align with the peak recycled water demand (night). The City needs an adequate storage facility to maximize utilization of this resource and must demonstrate active efforts to effectuate this vision for NPDES compliance. The majority of this project will be funded by an SRF loan, consisting of approximately 35% State and Federal grants and 65% loan. It is estimated that \$4,448,850 of this funding will be a grant and the remaining \$8,262,150 will be a loan which will be repaid using Wastewater Development Impact Fees and Wastewater Enterprise Funds.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
90040	Planning and Design	46,000						\$ 46,000
90050	Construction	50,000	11,390,000					\$11,440,000
90070	Project Administration	139,000	1,121,000					\$ 1,260,000
90100	Land/ROW/Acquisitions	58,500						\$ 58,500
TOTAL		\$ 293,500	\$12,511,000					\$12,804,500

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47255	Development Impact Fees	46,750						\$ 46,750
47590	Enterprise	46,750						\$ 46,750
47 - Var	Federal/State Funding	200,000	12,511,000					\$12,711,000
TOTAL		\$ 293,500	\$12,511,000					\$12,804,500

**Resolution #2018-107
Meeting 8/28/2018
Item #C.7.**

Project Title:

Project #:

Sport Court Lighting

352-52428



Project Category:	Parks and Trails Improvements
Location:	Crescent Drive and Claremont Drive, Balfour Road and Ashford Place
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$2,500
Public Art Requirement:	Exempt

Description/Justification:

Install new LED sport court lighting at the Balfour Guthrie Park tennis and basketball courts and the Creekside Park tennis court. Sport court lighting at the described locations has been a highly requested item among the residents for many years. With the City only having two tennis courts, the desired use of these courts expands well past daylight hours. The basketball court at Balfour Guthrie Park is one of the most frequented courts in town and many residents try to utilize the light emitting from the parking lot to play into the evening.

Supplemental Information:

The Measure WW Grant will fund \$170,000 for the installation of LED sport court lighting at Balfour Guthrie Park. The Measure WW Grant funded \$93,568 for Creekside Park, which was completed in 2017/18.

PROJECT EXPENDITURES	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
90040 Planning and Design							
90050 Construction	93,568	170,000					\$ 263,568
90070 Project Administration							
TOTAL	\$ 93,568	\$ 170,000					\$ 263,568

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47217 Federal/State Funding	93,568		170,000					\$ 263,568
TOTAL	\$ 93,568		\$ 170,000					\$ 263,568

Resolution #2018-110

Meeting 8/28/2018

Item #C.11.

Project Title:

Project #:

Pavement Management Program - 2018

336-30838



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will consist of pavement condition surveying of roadways every two years and then reconstructing, overlaying, surface sealing and crack sealing various roads each year as needed. The City's pavement management software selects those streets on which it is the most cost effective to perform preventative maintenance with field verification by staff. Constructing roadways is a significant investment for the City. Preventative maintenance is the best means for keeping this large investment in good, operable condition and avoids costly reconstruction.

Supplemental Information:

PMP - 2018 will slurry seal and/or grind and overlay various roads in the City. This project is funded by Measure J, the General Fund and Solid Waste Enterprise through the Solid Waste Vehicle Impact Fee. Dependent upon availability of funding, anticipated project areas for 2018 include; Elkins Way from Sunset Road to East End, Armstrong Road from Walnut Boulevard to East End, the Crescent Drive neighborhood located just east of Fairview Avenue and south of Balfour Road, Sycamore Avenue from Brentwood Boulevard to Garin Parkway, and Fairview Avenue from Highway 4 to Balfour Road.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	50,000						\$ 50,000	
90050	Construction	700,000	944,326					\$ 1,644,326	
90070	Project Administration	30,000	20,000					\$ 50,000	
TOTAL		\$ 780,000	\$ 964,326					\$ 1,744,326	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47100	General Fund		200,000						\$ 200,000
48540	Enterprise		421,177						\$ 421,177
47293	Measure J	780,000	182,000	161,149					\$ 1,123,149
TOTAL		\$ 780,000	\$ 803,177	\$ 161,149					\$ 1,744,326

**Resolution #2018-155
Meeting 11/13/2018
Item #C.12.**

Project Title:

Project #:

Contra Costa Sheriff Delta Patrol Station

337-37250



Project Category:	Community Facilities Improvements
Location:	9100 Brentwood Boulevard
Project Manager:	T. Herbert
Project Priority:	2B - Necessary
Project Phase:	New
Est. Completion Date:	2018/2019
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The current Police Facility Multi-Purpose Room will be remodeled to create a new office/work area for the Information Systems Department and new Dispatch Quiet Room. In addition, approximately 19,000 square feet of undeveloped land located on the southwest end of the property will be developed to create approximately 35 additional parking spaces. This project will allow the Contra Costa Sheriff's Office to relocate their Delta Patrol Station from the City of Oakley to the Brentwood Police Facility. The Delta Patrol Station will occupy approximately 1,320 square feet of space, currently occupied by the Information Systems Department and the Police Dispatch Quiet Room. This project is part of a Lease Agreement between the City of Brentwood and the County of Contra Costa.

Supplemental Information:

This project is being funded by the County of Contra Costa. The project will allow for a collaborative approach to policing in East Contra Costa County, as it will provide an opportunity for personnel from both agencies to work closely together and exchange area information and crime trends.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design								
90050	Construction		709,800					\$ 709,800	
TOTAL			\$ 709,800					\$ 709,800	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
Other				709,800					\$ 709,800
TOTAL				\$ 709,800					\$ 709,800

**Resolution #2018-154
Meeting 11/13/2018
Item #C.17.**

Project Title:

Project #:

Reservoir Painting and Recoating

562-56398



Project Category:	Water Improvements
Location:	Citywide
Project Manager:	E. Brennan
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Inspect, clean, repair, remove old paint and repaint interior and exterior of Zone 1 (1.1 & 1.2) reservoirs, Zone 2 (2.1 & 2.2) reservoirs and associated piping at City water storage facilities. This project is necessary to prevent interior and exterior deterioration of reservoirs and piping from rust and elements as well as meeting required state and federal regulations. The new interior coatings are expected to last 20 years and the exterior coatings 12 to 15 years.

Supplemental Information:

This project will be funded by the Water Enterprise. Each reservoir will be fully renovated and receive new paint on the interior and exterior. As part of the renovation process the reservoirs will be drained, pressure washed, inspected and disinfected. The project assures reservoirs are in compliance with state and federal regulations and that reservoirs provide a safe and healthy environment for water storage. This is a multi-year project.

PROJECT FINANCING		CURRENT			PROPOSED				
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction	282,979	769,066	509,393	439,821	215,426		\$ 2,216,685	
TOTAL		\$ 282,979	\$ 769,066	\$ 509,393	\$ 439,821	\$ 215,426		\$ 2,216,685	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47560	Enterprise	282,979		769,066	509,393	439,821	215,426		\$ 2,216,685
TOTAL		\$ 282,979		\$ 769,066	\$ 509,393	\$ 439,821	\$ 215,426		\$ 2,216,685

**Resolution #2019-13
Meeting 1/22/2019
Item #D.2.**

Project Title:

Project #:

Canal Replacement Cost Share

562-56400



Project Category:	Water Improvements
Location:	Along Contra Costa Water District Conveyance Facilities
Project Manager:	C. Ehlers
Project Priority:	1B - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The City currently utilizes the CCWD conveyance facilities (Contra Costa Canal, pumps, underground pipes and screens) for the delivery of Delta water to the Brentwood Water Treatment Plant. Through an agreement with CCWD, the City will purchase capacity rights in a portion of CCWD's facilities as well as pay for its proportional share of upgrades to CCWD's facilities. This project accounts for the City's proportional share of the projected costs for CCWD's Canal Replacement Project (Segments 3 and 4).

Supplemental Information:

The City's proportional cost share for this project has been established at 14.5% of capacity, or 30 million gallons per day, and will be financed equally with Water Development Impact Fees and Water Enterprise Replacement Funds. The City's share of the costs included in the 5-year period is for the Canal Replacement Project Segments 3 and 4. Segment 5 is expected to begin in FY 2024/25. The City will be working cooperatively with CCWD to seek grants and other funding opportunities to help offset the costs to upgrade these conveyance facilities.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90050 Construction	555,640	1,988,695					\$ 2,544,335	
TOTAL	\$ 555,640	\$ 1,988,695					\$ 2,544,335	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47250 Development Impact Fees	277,820		994,348					\$ 1,272,168
47563 Enterprise	277,820		994,347					\$ 1,272,167
TOTAL	\$ 555,640		\$ 1,988,695					\$ 2,544,335

Resolution #2019-51

Meeting 4/23/2019

Item #C.6.

Project Title:

*** MULTI-YEAR ***

Project #:

John Muir Parkway Extension - Phase II

336-31683



Project Category:	Roadway Improvements
Location:	John Muir Parkway from the future Foothill Drive intersection with Concord Avenue to Briones Valley Road
Project Manager:	J. Samuelson
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$56,000
Public Art Requirement:	Exempt

Description/Justification:

Construct approximately 1,600' of road including a 16' median; two 12' lanes; 12" water main; median landscaping; street lights; 24" storm drain and 8" non-potable water main. This section of roadway will replace existing Concord Avenue to ensure continued traffic circulation in the area. The majority of this project cost is the responsibility of ECCRFFA, as part of the State Route 4 Bypass Segment 3 improvements.

Supplemental Information:

Per an agreement with ECCRFFA, the City will initially loan ECCRFFA funds and they will reimburse the City the actual costs of the project in an amount not to exceed \$3,535,301. City funding will come from the following Development Impact Fees: Water - \$190,000, Wastewater - \$155,000 and Roadways - \$614,699. \$330,000 of General Fund funding is for the Harvest Park Basin improvements. In FY 2018/19 \$735,000 will come from the Federal Highway Administration Earmark Fund. This is a multi-year project.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
70239 Legal	5,000		5,000				\$ 10,000	
90040 Planning and Design	500,000	20,000					\$ 520,000	
90050 Construction	20,000	1,480,000	2,916,000				\$ 4,416,000	
90070 Project Administration	30,000	120,000	464,000				\$ 614,000	
TOTAL	\$ 555,000	\$ 1,620,000	\$ 3,385,000				\$ 5,560,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47100 General Fund		330,000						\$ 330,000
47 - Var Development Impact Fees	555,000	304,699	100,000					\$ 959,699
47217 Federal/State Funding			735,000					\$ 735,000
ECCRFFA		3,145,301	390,000					\$ 3,535,301
TOTAL	\$ 555,000	\$ 3,780,000	\$ 1,225,000					\$ 5,560,000

**Resolution #2019-57
Meeting 5/14/2019
Item #C.4.**

Project Title:

Project #:

Pavement Management Program - 2019

336-30839



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	New
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will consist of pavement condition surveying of roadways every two years and then reconstructing, overlaying, surface sealing and crack sealing various roads each year as needed. The City's pavement management software selects those streets on which it is the most cost effective to perform preventative maintenance with field verification by staff. Constructing roadways is a significant investment for the City. Preventative maintenance is the best means for keeping this large investment in good, operable condition and avoids costly reconstruction. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project is funded by Measure J, RMRA and the Solid Waste Enterprise through the Solid Waste Vehicle Impact Fee. PMP - 2019 will slurry seal and grind and overlay various roads in the City. The City is in the process of selecting project areas for 2019 pending evaluation of the roadway inspection analysis and site visits to potential project locations.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design		50,000					\$ 50,000	
90050 Construction		1,718,906					\$ 1,718,906	
90070 Project Administration		50,000					\$ 50,000	
TOTAL		\$ 1,818,906					\$ 1,818,906	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
48540 Enterprise			216,906					\$ 216,906
47293 Measure J			762,000					\$ 762,000
47209 RMRA			840,000					\$ 840,000
TOTAL			\$ 1,818,906					\$ 1,818,906

City Council

Robert Taylor.....	Mayor
Joel Bryant.....	Vice Mayor
Balwinder "Bailey" Grewal	Council Member
Karen Rarey	Council Member
Claudette Staton.....	Council Member

Executive Team

Gustavo "Gus" Vina.....	City Manager
Damien Brower.....	City Attorney
Sukari Beshears	Director of Human Resources/Risk Management
Kerry Breen.....	City Treasurer/Director of Finance and Information Systems
Tom Hansen.....	Chief of Police
Casey McCann	Director of Community Development
Bruce Mulder.....	Director of Parks and Recreation
Miki Tsubota.....	Director of Public Works/City Engineer

Capital Improvement Program Field Team

Sonia Agostini, Accountant II	Matt Griggs, Information Systems Technician
Mike Azamey, Park/Maintenance Supervisor	Michelle Hamblin, Accounting Manager
Eric Brennan, Water Operations Manager	Debbie Hill, Associate Planner
Stephanie Butler, Administrative Supervisor	Brian Johnson, Park/Maintenance Supervisor
Patrick Brooke, GIS Coordinator	Steve Kersevan, Engineering Manager
James Campero, Senior Associate Engineer	Gail Leech, Management Analyst
Yun Cho, Chief Information Systems Officer	Erik Nolthenius, Planning Manager
Tina Clark, Parks and Recreation Acct. II	Corina Ramon, Accounting Technician
Jason Coll, Park/Maintenance Supervisor	Kwame Reed, Senior Analyst
Kim Dempsey, Administrative Secretary	John Samuelson, Engineering Manager
Scott Dempsey, Fleet/Facilities Maint. Mgr.	Lori Sanders, Project Services Specialist
Jagtar Dhaliwal, Asst. Director of PW/Engr.	Poldina Scherff, Recreation Manager
Chris Ehlers, Asst. Director of PW/Ops.	Heather Silfies, Project Services Specialist
Debra Galey, Senior Analyst	Casey Wichert, Wastewater Operations Mgr.
Katie Germann, Administrative Supervisor	



City Council and Executive Team i

Capital Improvement Program Field Team ii

Table of Contents iii

Transmittal Letter v

 Budget Overview v

 CIP Priorities vii

 CIP Accomplishments xi

 Legislative Issues Affecting the Capital Budget xii

 Conclusion xiii

Mission Statement/Vision and Culture/Core Values xiv

Certificate of Award - CSMFO xv

City Council Resolution No. 2018-66 xvi

Overview 1

 Basis of Accounting 2

 How the Capital Improvement Program is Developed 2

 How the Capital Improvement Program is Prioritized 3

 How the Capital Improvement Program is Funded 3

 Funding Analysis 3

 Project Funding Limitations 4

 Capital Improvement Program Key Funding Sources 4

 General Fund 4

 Development Impact Fees 4

 Enterprise 5

 Federal/State Funding 6

 Development Contributions 6

 Replacement 6

 Other 6

 State Loans and Bonds 6

 Future Financing and Alternate Funding 7

 How the Capital Improvement Program is Managed 8

 How the Capital Improvement Program is Organized 9

 How to Read the Project Detail Sheets 10

Summary Data 13

 Building Permit Projections and Five-Year Population Growth Chart 14

 Capital Improvement Program Funding by Source 15

 Capital Revenue Summary – Sources by Fund 16

 Capital Revenue Summary – Sources of Funds in Detail 17

 Capital Improvement Program Expenditures by Category 21

 Project Expenditures by Category 22

 Summary of Capital Improvement Projects by Priority 25



Roadway Improvements

- Expenditures by Project27
- Summary28
- Various Projects Map29
- Individual Project Detail Sheets30

Parks and Trails Improvements

- Expenditures by Project41
- Summary42
- Various Projects Map43
- Individual Project Detail Sheets44

Water Improvements

- Expenditures by Project.....59
- Summary60
- Various Projects Map61
- Individual Project Detail Sheets62

Wastewater Improvements

- Expenditures by Project.....81
- Summary82
- Various Projects Map83
- Individual Project Detail Sheets84

Community Facilities Improvements

- Expenditures by Project.....91
- Summary92
- Various Projects Map93
- Individual Project Detail Sheets94

Future Improvements 111

Development Improvements 117

Appendix

- AcronymsA - 1
- Glossary of TermsA - 2
- Guide to Funds – Description of FundsA - 11
- Index by Project TitleA - 19



May 2018

The Honorable Mayor, Members of the City Council and Citizens of Brentwood
Brentwood, California 94513

Dear Mayor, Members of the City Council and Citizens of Brentwood:

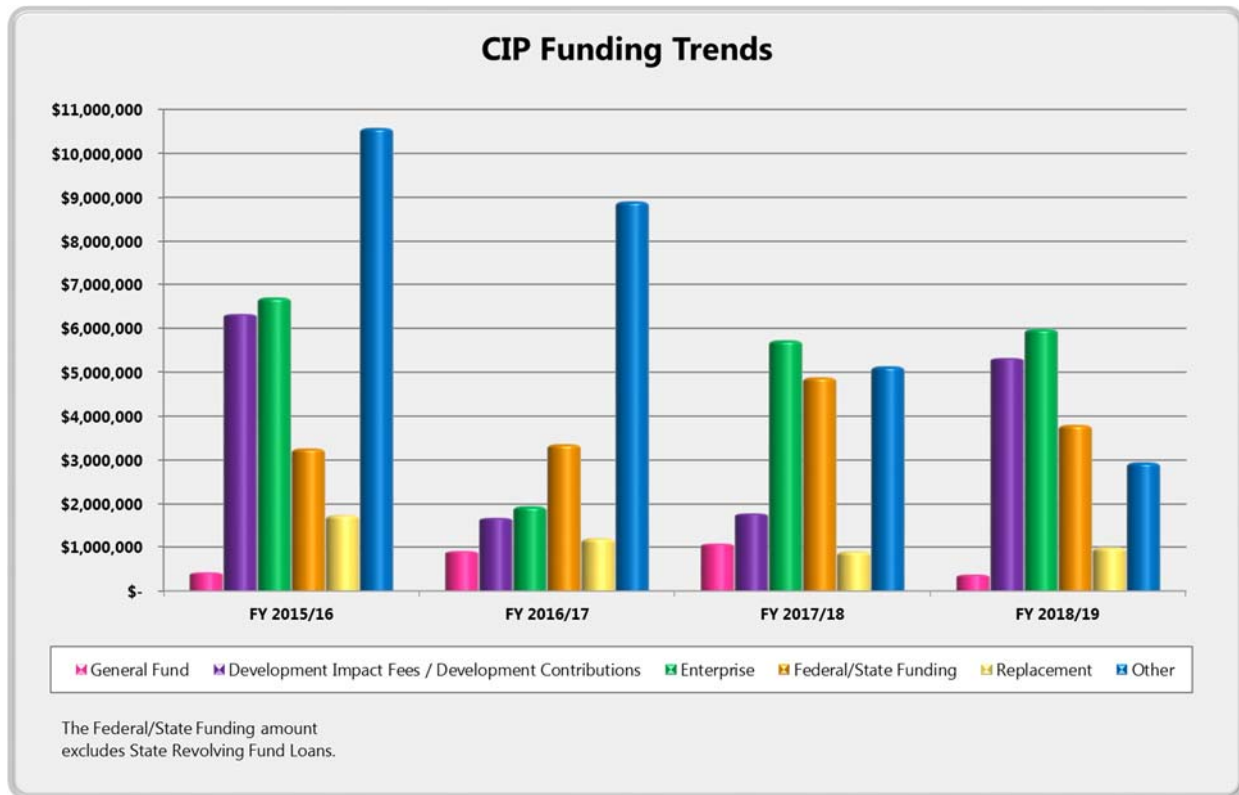
We are pleased to submit the 2018/19 – 2022/23 Capital Improvement Program (CIP) Budget outlining the City of Brentwood's five-year infrastructure and capital planning needs. This document is prepared separately from the City's Operating Budget in order to provide a more thorough and detailed description of the City capital improvement projects contained within. The CIP projects have been carefully evaluated to ensure: 1) the City's capital improvement needs are met, both now and in the future and 2) they support the City's Mission Statement, General Plan and two-year City of Brentwood Strategic Plan adopted by the City Council in February 2018.

The approved City of Brentwood General Plan and Strategic Plan can be found on the City's website at <http://www.brentwoodca.gov>.

Budget Overview

The CIP contains 66 City capital improvement projects with a total projected cost of \$230,698,269. The budget includes 14 new projects, and appropriates \$60,978,628 of funding for fiscal year (FY) 2018/19. Major funding sources within the CIP change year-over-year. For example, in FY 2015/16, the top four budgeted funding categories, in order, were: Other, Enterprise, Development Impact Fees, and Federal/State Funding. In FY 2018/19, the top four proposed budget funding categories, in order, are: Enterprise, Development Impact Fees, Federal/State Funding and Other. Major components of Other funding in FY 2018/19 include: Road Maintenance and Rehabilitation Account (RMRA), 2015 Lease Financing proceeds and Capital Infrastructure. Descriptions of Key Funding Sources begin on page 4 and a complete guide to City funds can be found beginning on page A-11.

The chart on the following page shows the funding trends of the various CIP funding categories for FYs 2015/16 through 2018/19. The amounts shown through FY 2017/18 are the Council approved budget and the proposed CIP budget funding is shown for FY 2018/19.



As summarized above, Enterprise funding, which comes from the Solid Waste, Water and Wastewater Enterprises along with their respective replacement funds, is projected to be a major funding source in FY 2018/19. Several Water and Wastewater upgrade and replacement projects have been budgeted to begin in FY 2018/19. The Brentwood Wastewater Treatment Plant began operations in 2002 and the Water Treatment Plant in 2008. As these facilities age, the City will begin to see the need for more upgrades and replacement of various enterprise infrastructure.

The City's enterprise rates are set in accordance with Proposition 218, which requires that customers be given the opportunity to provide feedback on the proposed rates. Rate studies are conducted periodically to ensure the enterprise rates are sufficient to cover: operating expenses; upgrades and costs associated with meeting State and Federal guidelines and regulations; as well as, all needed capital improvements. Five-year rate studies are developed to include future enterprise capital project costs. The City Council's approval of enterprise rates for the five-year period provide the funding for anticipated capital improvements in the enterprises.

Development impact fees are the second largest funding source. These are fees that are received as new development permits are issued and can only be used to fund public facilities and infrastructure that are needed as a result of new development.

Federal/State and Other funding also continue to be major funding sources of CIP projects. The Federal/State funding noted in the chart represents grant funding the City anticipates receiving in support of capital projects. The City actively pursues grant funding and, when received, utilizes those funds to either complete projects that would not have otherwise had the funding to be completed or reduce the

burden on other funding sources. The City has also historically accessed the credit markets to finance large capital projects. As a result of strong fiscal policies adopted by the City Council, the City has built and maintained an excellent reputation in the credit markets and currently has a bond issuer credit rating of "AA+" from Standard and Poor's ratings service. Strong credit ratings have provided the City with financing and refunding opportunities that provide additional funding sources for projects as well as substantial financing cost savings.

CIP Priorities

The 2018/19 – 2022/23 CIP includes several key projects that are designated as part of the City's Council-approved two-year Strategic Plan ("Plan") covering FY 2018/19 and FY 2019/20. The policies and direction used to produce the Plan help define the priority of capital projects that are included in the CIP. The Plan consists of goals and initiatives within six focus areas: Infrastructure; Public Safety; Economic Development; Land Use Planning; Community and Neighborhood Services; and Fiscal Stability and Operational Management. The projects included in this CIP and their corresponding focus areas are shown on the following pages.

Focus Area 1: Infrastructure

- **Citywide Non-Potable Water Distribution System** (CIP #592-59202) – This project will install a non-potable water distribution system throughout the City to provide reclaimed water for irrigation of golf courses, parks, parkways, medians and other applicable uses. By converting to non-potable water usage, the City can reduce the cost of landscape irrigation, save on potable water usage and reduce the discharge of recycled water to Marsh Creek.
- **Non-Potable Storage Facility** (CIP #592-59198) – This project will install a 3.0 million gallon per day (MGD) non-potable storage facility for recycled water, including appurtenances such as pumps, valves, pipes and associated improvements.
- **Pavement Management Program - 2019** – This project will consist of pavement condition surveying of roadways and reconstructing, overlaying, surface sealing and crack sealing various roads as needed.
- **Pavement Management Program - Future** – This project will consist of pavement condition surveying of roadways every two years and then reconstructing, overlaying, surface sealing and crack sealing various roads each year as needed.
- **Priority Area 1 Infrastructure Improvements** – This project will replace existing Heidorn Ranch Road with a new roadway consisting of a two lane arterial street section, for approximately 3,700'.
- **Secondary Non-Potable Storage Facility** – This project will construct a 1.0 MGD non-potable storage facility for recycled water, including appurtenances such as booster pumps, valves, pipes and associated improvements.
- **Water Storage Capacity at Los Vaqueros Reservoir** (CIP #562-56399) – This project will involve a partnership with the Contra Costa Water District (CCWD) to purchase water storage capacity as a partner in the Los Vaqueros Reservoir expansion project.

Focus Area 2: Public Safety

- **Fire Station #53 (Shady Willow)** (CIP# 337-37030) – This project will construct a new fire station, approximately 7,000 sq. ft. in size, to provide an additional fire facility within the City.

Focus Area 3: Economic Development

- **Brentwood Business Development Center** – The development of a co-working space that provides an area for collaboration and trainings for the growing number of local entrepreneurs and small business owners.
- **Citywide Sign/Identification Program** (CIP #337-37207) – The design and development of an informational and directional sign program for the City which will include directional signage to and within the Downtown/Civic Center core and other Brentwood destinations.

Focus Area 4: Land Use Planning

- **Community Build-Out Plan** (CIP #337-37245) – This project will design a plan for the phasing of future development in selected areas identified on the General Plan Land Use Map which are targeted for future development and are currently outside the City's corporate city limits.
- **Zoning Ordinance Update** (CIP #337-37228) – This project will provide a comprehensive update of the City's zoning ordinance to reflect the community's values, to be consistent with State law and professional best practices, to be consistent with the General Plan, to update and streamline development review processes, and to be written to be easily read, understood and implemented.

All other projects in the 2018/19 – 2022/23 CIP that are not part of the current two-year Strategic Plan support the City's Mission Statement, "**Bringing Brentwood's Vision to Reality.**" Several of the more notable projects are described below:

- **Aquatic Complex Pool Plastering** – The three pools at the Brentwood Family Aquatic Complex were constructed in 1999. This project will apply new plaster to the pools, which is necessary to maintain the facility.
- **Citywide Gateway Monuments "4 Corners"** (CIP #337-37244) – This project will consist of the installation of four or more monuments at select entry locations throughout the City. These monuments will be works of art that incorporate the "City of Brentwood" into the design and will improve the identity of the City. This project has carried over from the City's Strategic Plan for FY 2016/17 and FY 2017/18.
- **Downtown Alley Rehabilitation – North Diablo Way** (CIP #562-56401) – This is one of multiple Downtown Alley Rehabilitation projects, which includes the installation of new sewer facilities and either the removal or replacement of existing infrastructure to correct existing operations and maintenance constraints due to the age of the facilities. This project will allow the City to accommodate the anticipated development of the Downtown area and, where feasible, bring the aging facilities up to current standards.
- **John Muir Parkway Extension - Phase II** (CIP #336-31683) – This project will construct a section of road, that will replace the existing Concord Avenue, including: a median; two lanes; water main; median landscaping; street lights; storm drain and non-potable water main. It will extend John Muir Parkway from Foothill Drive to Briones Valley Road to ensure continued traffic circulation in

the area. A majority of this project is funded by the East Contra Costa Regional Fee and Financing Authority (ECCRFFA) as part of the State Route 4 Bypass Segment 3 improvements.

- **Library - New Construction** (CIP #337-37241) – This project is currently in progress and consists of tearing down the City-owned buildings on the parcels of 104, 118 and 120 Oak Street and building a new library that is two stories tall and approximately 20,275 sq. ft. It will include an outdoor space for library patrons and an entrance courtyard. It is anticipated the library project will be complete in fall 2018.
- **Loma Vista Park Playground Replacement** – The play equipment at Loma Vista Park was constructed in 2000. This project will replace play equipment to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will also be renovated.
- **Municipal Service Center** (CIP #337-37206) – This project is currently in progress and encompasses the planning, design and construction of an approximately 15,000 square foot operations staff building at the Public Works Corporation Yard, that will include work areas, a locker room for crews, kitchen, break/conference room, storage areas and a Department Operations Center. These improvements will increase operational efficiency by consolidating maintenance functions and streamlining operations.
- **Wastewater Treatment Plant Expansion - Phase II** (CIP #592-59140) – This project expands the existing 5 MGD tertiary treatment facility to treat 6.4 MGD which will service the final buildout population of the City per the current General Plan. This project has carried over from the City's Strategic Plan for FY 2016/17 and FY 2017/18.

CIP Accomplishments

Each year the CIP has proven to be successful in achieving numerous capital improvement accomplishments. Some of the significant accomplishments in FY 2017/18 include:

Roadway Improvements

- **LED Street Light Conversion - Phase II** (CIP #336-31690) - This project converted the existing high pressure sodium street lights to energy-efficient LED lights. The LED lights have lower power consumption, which in turn saves on the cost to power the lights and reduces the carbon footprint of the City.
- **Pavement Management Program - 2017** (CIP #336-30837) – Completed an annual preventive maintenance program which resurfaced with slurry seal approximately 3.5 million square feet of City streets, which equates to approximately 9% of the overall streets in the City. This program also performed grind and overlay, removed and replaced asphalt pavement, modified curb ramps and truncated domes, adjusted utility covers, and removed and replaced striping on various City streets.
 - ❖ *According to the Metropolitan Transportation Commission's 2016 Bay Area Pavement Conditions Summary, for calendar year 2016, the City of Brentwood has one of the best pavement conditions, with a Pavement Condition Index (PCI) of 84, or "Very Good".*

Parks and Trails Improvements

- **Garin Park Playground Replacement** (CIP #352-52430) – This project replaces play equipment in Garin Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines, along with renovating the resilient safety surfacing in the playground areas. This project is currently underway and expected to be complete in late summer 2018.
- **McClarren Park Playground Replacement** (CIP #352-52431) – This project replaced play equipment in McClarren Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines, along with improving pedestrian circulation, park furnishings, open turf areas, shrub beds and trees. This project is currently underway and expected to be complete in late summer 2018.
- **Parks, Trails and Recreation Master Plan Update** (CIP #352-52427) – This project updated the City's Parks, Trails and Recreation Master Plan to incorporate a citywide needs assessment for parks, trails, recreation and cultural arts.

Wastewater Improvements

- **Wastewater Treatment Plant Biofilter Media Replacement** (CIP #592-59203) – This project replaced the odor controlling biofilters at the Wastewater Treatment Plant. The control of the odors is a requirement of the City's NPDES permit.
- **Wastewater Treatment Plant Groundwater Well Abandonment** (CIP #592-59204) – This project abandoned/destroyed existing groundwater monitoring wells, as required by the City's NPDES permit.

Community Facilities Improvements

- **License Plate Reader System - Phase II** (CIP #337-37249) – This project increased the number of fixed and mobile license plate readers in the City, as the pilot program was successful.

Legislative Issues Affecting the Capital Budget

Road Repair and Accountability Act of 2017

On April 6, 2017, the California state legislature approved new legislation, the Road Repair and Accountability Act of 2017, Senate Bill 1 (Beall) (SB1), which will provide significant transportation investments to fix roads, freeways and bridges in communities across California and provide additional funding for transit and safety. The legislation invests \$52.4 billion over the next decade - split equally between state and local investments, of which \$15 billion will be for local streets. The program also contains strict new accountability provisions to ensure funds can only be spent on transportation.

Based on a funding analysis provided by the California Department of Transportation, it is projected the City of Brentwood could receive an additional \$13.45 million over a ten-year period due to this legislation. Some allowable uses of these funds include: street and road maintenance and rehabilitation; safety projects; railroad grade separations and traffic control devices. A city may spend its apportionment of funds under the program on transportation priorities, other than defined allowable uses, if the city's average Pavement Condition Index meets or exceeds 80. As a part of the City Council's Strategic Planning process, it was decided that, at this time, funding from this source would be used in support of the City's

annual Pavement Management Program and is included as a funding source in this CIP. While this funding has been included in the CIP, ongoing funding is at risk due to a proposed ballot measure seeking to repeal SB1. It is likely that the voters will decide the fate of SB1 in November 2018.

Proposition 68, a Parks and Water Bond measure has been placed on the June 2018 statewide ballot. This bond measure would provide funding for parks on a per capita basis to cities, counties and park districts and the resources for competitive grants. The water portion of the bond measure would also provide for grants and loans for potable and non-potable programs and projects. Should the proposition pass, the City would seek any available funding for qualified local parks and water projects.

On the June 2018 ballot, Regional Measure 3 would provide for an increase in bay area bridge tolls for the funding of local transportation projects. Should the measure pass, the City would seek funding for projects such as a transit station with a Bay Area Rapid Transit eBART stop.

Conclusion

The City of Brentwood continues to be the fastest growing city in Contra Costa County. In 2017, the City grew 2.7% and is currently over 63,000 in population. The City Council's strategic planning process focuses on our ability to continue providing great quality of life to our residents, businesses and visitors. The City's Capital Improvement Program plans and provides for amenities and infrastructure core to this quality of life. This could not be achieved without the City Council's vision for the future and attention to fiscal policies that will assure long-term sustainability.

I wish to thank the City Council for providing clear policy direction, setting priorities and approving strategic initiatives that guide us in the preparation of this document. I would also like to express my appreciation to all of the City of Brentwood staff members who have taken the time to develop this report. A great deal of effort and attention to detail has gone into the preparation of this document, representing many hours of work by staff members throughout the organization. A special thanks to the staff in the Finance and Information Systems Department for their on-going fiscal management and planning efforts that help keep the City in a great financial position.

Sincerely,



Gustavo "Gus" Vina
City Manager

Mission Statement

Bringing Brentwood's Vision to Reality



Vision and Culture

We are an organization of dedicated professionals working together to make Brentwood the very best, preserving its rich heritage and keeping Brentwood in the hearts of the people.





CITY COUNCIL RESOLUTION NO. 2018-66

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRENTWOOD ADOPTING THE 2018/19 – 2022/23 CAPITAL IMPROVEMENT PROGRAM (CIP) INCLUDING ROADWAY, PARKS AND TRAILS, WATER, WASTEWATER AND COMMUNITY FACILITIES IMPROVEMENTS TO BE CONSTRUCTED DURING THE NEXT FIVE YEARS.

WHEREAS, Section 65400 et. seq., of the Government Code of the State of California requires that cities should provide for means of implementing the General Plan and the efficient expenditure of public funds relating to the implementation of public projects addressed in the General Plan; and

WHEREAS, the City of Brentwood adopted the most recent General Plan Update in July, 2014 which states the City may include General Plan items in the Capital Improvement Program as the City deems appropriate; and

WHEREAS, updates to the City’s Capital Improvement Program are referenced in the General Plan in order to achieve action items included within; and

WHEREAS, General Plan policy requires inclusion of certain capital projects sponsored by the City and necessary to achieve General Plan action items in the five-year CIP; and

WHEREAS, this CIP has as its purpose to integrate the CIP with the General Plan and other City activities, ensure that planning for capital improvements is tied to realistic sources of income in order to finance these improvements; and

WHEREAS, On February 27, 2018, by Resolution 2018-21, City Council 1) approved and adopted the FY2018/19 and FY2019/20 City of Brentwood Strategic Plan and 2) directed staff to incorporate the costs associated with the strategic plan into the Operating and CIP budget process and the ten-year fiscal model; and

WHEREAS, the five-year CIP is developed and adopted in conjunction with each new City Operating Budget; and

WHEREAS, it is necessary to define improvements and anticipated construction schedules to ensure proper pre-planning, design and community review before construction begins.

NOW, THEREFORE BE IT RESOLVED that the City Council of the City of Brentwood does hereby adopt the 2018/19 – 2022/23 Capital Improvement Program as presented including roadway, parks and trails, water, wastewater and community facilities improvements to be constructed during the next five years.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Brentwood at a regular meeting held on the 22nd day of May 2018 by the following vote:

- AYES:** Bryant, Grewal, Rarey, Staton, Taylor
- NOES:** None
- ABSENT:** None
- RECUSE:** None

APPROVED:
Robert Taylor
Robert Taylor
Mayor

ATTEST:
Margaret Wimberly
Margaret Wimberly, MMC
City Clerk



This page intentionally left blank.



The City of Brentwood (“City”) prepares an annual CIP Budget document which is separate from the Operating Budget document, although the two are closely linked. This CIP addresses the City’s infrastructure needs and outlines a capital plan involving 119 projects, consisting of 66 City projects, 15 Future Improvement projects and 38 Development Improvement projects. For City projects, the fiscal year (FY) 2018/19 CIP Expenditure Budget is \$80,445,027 and the total 2018/19 – 2022/23 CIP Expenditure Budget for City projects is \$230,698,269.

The CIP, as distinguished from the Operating Budget, is used as a planning tool by the City to identify the capital improvement needs of the City and align those needs with the appropriate timing and financing in a way that assures the most responsible and efficient use of resources. The first year of the CIP is called the Capital Budget and consists of the planned expenditures for FY 2018/19. The Capital Budget is part of the Operating Budget, which appropriates funds for specific programs and projects. The projected expenditures shown for the remaining four fiscal years are provided primarily for project planning and financial budgeting purposes and do not necessarily reflect a commitment of funds, unless the project is labeled as multi-year.

A capital project typically involves the purchase or construction of major fixed assets such as land, buildings and any permanent improvement including additions, replacements and major alterations having a long life expectancy. Additionally, capital projects may apply to: 1) expenditures which take place over two or more years and require continuing appropriations beyond a single fiscal year; 2) systematic acquisitions over an extended period of time or 3) scheduled replacement or maintenance of specific elements of physical assets. Generally, only those items costing \$10,000 or more are considered as capital projects. For informational purposes, capital projects are also referred to as capital facilities, CIP projects and capital improvement projects.

The five-year CIP is reviewed annually to enable the City Council to reassess projects in the program. An alphabetical listing of all the City’s CIP projects can be found beginning on page A-19.

Future Annual Operating and Maintenance (O & M) Impact represents the change in future annual operating and maintenance costs due to a project. These costs are generally operational expenses associated with the completed project, such as janitorial expenses, utility charges, maintenance and upkeep. Funding for these costs come from a variety of sources, depending on the project. Some projects may generate operational savings due to increased efficiency or lower maintenance costs. A summary of the Future Annual O & M Impact (in current dollars) for the five-year CIP is shown on the following page:

Future Annual O & M Impact	
Roadway Improvements	\$ 298,500
Parks and Trails Improvements	29,550
Water Improvements	13,000
Wastewater Improvements	1,567,500
Community Facilities Improvements	763,400
TOTAL	<u>\$ 2,671,950</u>

Basis of Accounting

This Capital Budget uses accounting methods consistent with Generally Accepted Accounting Principles (GAAP). The City’s accounting records are maintained on the Accrual Basis, or Modified Accrual Basis, as appropriate. Budgets are prepared, and expenditures recorded, at the object level. All project costs are based on current year dollars and, where applicable, future years’ appropriations have been increased using an inflationary index of 3%.

How the Capital Improvement Program is Developed

The CIP is developed as a coordinated effort between numerous City staff including the CIP Project Managers, the CIP Executive Committee, which is made up of the City Manager, the Director of Public Works/City Engineer and the City Treasurer/Director of Finance and Information Systems, and various support staff. Projects designated as part of the City’s two-year Strategic Plan are included in the CIP. Other projects are submitted by the CIP Project Managers to the CIP Executive Committee based on perceived need and feasibility of the project. The CIP Executive Committee meets with Project Managers and Finance staff to evaluate those projects based on need and available funding.

Some projects have specified funding sources, such as assessment districts or special fees and are, for the most part, recommended for funding. However, some projects may compete for limited funding dollars. These projects are prioritized by the CIP Executive Committee and support staff. The list is then compared to available staffing and dollars and as many projects as feasible are funded, either fully or partially, with any remaining projects designated as unfunded. City projects that are not funded are listed in the Future Improvements section. All submitted projects, whether funded or unfunded, are included in a proposed CIP document.



The next step in the development of the CIP is for the proposed program to be presented to the City Council at an annual CIP Workshop. The CIP Workshop is a public meeting intended to receive both City Council and resident input on the proposed CIP, which is subsequently incorporated into the CIP document in accordance with City Council direction. Finally, the draft document is presented to the City Council at a public meeting for final approval.

How the Capital Improvement Program is Prioritized

The prioritization of proposed CIP projects is critical in determining which projects will be included in the five-year program planning period. Factors such as Federal, State and safety regulations, demands due to increased population, potential for increased efficiencies, maintenance of existing service levels and funding availability are all analyzed. Additionally, projects defined as a part of the City's Strategic Plan are given high priority. Descriptions of Strategic Plan projects that are included in this CIP can be found on page vii.

The CIP uses the following priority levels to determine when projects will be funded. A Summary of Capital Improvement Projects by Priority can be found beginning on page 25.

Priority Level: 1 Mandatory – Projects in the Level 1 priority status are the highest priority projects. These projects must be completed for one of the following reasons:

- A. Ongoing Projects – Projects under construction should be funded to maintain continuity.
- B. Legal/Regulatory Obligations – Projects in this category are required by Federal, State, County or other municipal requirements.
- C. Safety Obligations – Projects are required to ensure the safety of the citizens.
- D. Development – Projects are required due to City growth as a result of development.
- E. Consensus Priority – Projects identified by City Council as "consensus priority". This includes projects identified in the City's two-year strategic plan.

Priority Level: 2 Necessary – Level 2 priority categories include:

- A. Development – Projects which will be funded entirely with Development Impact Fee funds are subject to fluctuations in the balance of these funds.
- B. Agency Assisted – Any project that relies on outside agencies for funding will be subject to prioritization by these agencies.
- C. Service Increase/Maintenance – Projects which increase the efficiency of City systems or maintain the existing service levels of City systems.

Priority Level: 3 Desirable – Level 3 priority categories include:

- A. Aesthetic Improvements – Any project which enhances the appearance of City facilities.
- B. Any project which does not meet any of the above criteria.

How the Capital Improvement Program is Funded

Funding Analysis

In developing the CIP, the City prepares an in-depth analysis of the impacts on the various revenue sources associated with the funding of the CIP projects. The City's first priority in capital funding is to utilize a long-range plan to pay-as-you-go from existing revenue streams and funds that have been reserved over the years. Occasionally, projects are funded in advance on the basis of projected revenues being collected in ensuing years. Also, loan funding may be utilized for larger infrastructure

projects in order to provide predictable future cash out flows in the funds responsible for repaying the loans. This type of fiscal management is necessary to support the infrastructure needed to accommodate planned development.

Project Funding Limitations

Many of the CIP projects are funded from restricted funding sources. The restrictions vary, as do the projects. Some funds are restricted to a particular development and any improvements within that area, while other funds are limited to a CIP category. An example would be the Parks and Trails Development Impact Fee funding source. This funding source is primarily fees paid by developers to mitigate the impact the development will have on the Parks and Trails system within the City. A fee is established for the specific impact the development will create. The collected fee will remain in the Parks and Trails Development Impact Fee Fund until a park/trail project has been approved. This money is specifically earmarked for park/trail improvements and cannot be used for other CIP category projects.

Capital Improvement Program Key Funding Sources

General Fund

The General Fund is the City's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund. Major ongoing revenue sources for the General Fund, based on the percentage of the total revenue budget, are: 1) Property Tax; 2) Sales Tax; 3) Community Facilities District (CFD) Assessments; 4) Motor Vehicle In-Lieu Tax; 5) Development Services; 6) Parks and Recreation Property Tax; 7) Gas Tax and 8) Franchise Fees.

Development Impact Fees

Development Impact Fees are charged by local governmental agencies in connection with approval of development projects. The purpose of these fees is to defray all or a portion of the cost of public facilities related to the development project. The legal requirements for enactment of a development impact fee program are set forth in Government Code §§ 66000-66025 (the "Mitigation Fee Act"), the bulk of which was adopted as 1987's AB 1600 and thus commonly referred to as "AB 1600 requirements".



In Brentwood, development impact fees are collected, pursuant to the City's Development Fee Program, at the time a building permit is issued for the purpose of mitigating the impacts caused by new development on the City's infrastructure. Development impact fees have historically been a major source of funding for large capital infrastructure projects and will continue to be a key funding source for the remaining infrastructure project needs as a result of new development.

The City's Development Fee Program, updated in January, 2018, includes the current development fee schedule as well as all future projects included in the program. A copy of the Development Fee Program can be found on the City's website at www.brentwoodca.gov. Adjustments to the fees are made annually in accord with the Engineering News Record Construction Cost Index and

comprehensive updates to the program are completed on an as-needed basis to ensure the program continues to reflect the appropriate fees in relation to updated costs.

Below is the schedule of development impact fees as of January 14, 2018.

DEVELOPMENT IMPACT FEE PROGRAM						
General Plan Build Out						
Fee Category	Fund	RESIDENTIAL per Unit		NON-RESIDENTIAL per Building Sq. Ft.		
		Single Family	Multi-Family	Commercial	Office	Industrial/ Institutional
Water	250	\$11,691.39	\$ 4,795.55	\$ 1.2040	\$ 1.4819	\$ 1.0291
Roadway	251	12,056.65	7,475.12	4.4926	5.3893	3.3276
Parks and Trails	252	6,049.65	4,471.29	-	-	-
Wastewater	255	7,326.28	5,414.85	1.6654	1.9682	1.3668
Community Facilities	256	1,595.59	1,179.30	0.3809	0.4890	0.2918
Fire	257	859.95	859.95	0.1695	0.1695	0.1695
Administration	261	623.07	460.51	0.4074	0.5230	0.3121
TOTAL FEES		\$40,202.58	\$24,656.57	\$ 8.32	\$ 10.02	\$ 6.50

As these fees are received solely from new development, it is necessary to project future development in order to determine the amount of fees available for the funding of projects in this CIP. The Building Permit Projections, on page 14, forecast development activity for the next five years and include residential, commercial, office and industrial development. This forecast is used to generate Development Impact Fee projections over the five-year program period.

Enterprise

The City provides residents with Solid Waste, Water and Wastewater services. The charges for these services (user fees), along with the costs for providing the services and necessary capital improvements, are accounted for in individual Enterprise Funds. These funds do not receive any General Fund support and must be self-supporting.

The Enterprise user fees are set in accordance with Proposition 218, which requires customers be given the opportunity to provide feedback on the proposed rates. Rate studies are conducted periodically to ensure the Enterprise rates are sufficient to cover: operating expenses; capital improvements; upgrades and costs associated with meeting both State and Federal guidelines and regulations. A rate study that will propose rates for Council consideration is in progress, with rate changes potentially occurring in the summer of 2018. These rates will be structured to provide the Enterprise Funds with sufficient revenues to cover both operating and capital costs and ensure the Enterprise remains self-supporting.

The Water, Wastewater and Solid Waste Enterprises or their Replacement funds are the source of funding for several projects within this CIP. Projects which identify Enterprise as a funding source are required to provide detailed information in the Supplemental Information section of each project sheet.

Federal/State Funding

Funding that is provided by Federal or State Programs is usually in conjunction with, or as a match to, some other form of funding. This funding is often in the form of grants or low interest loans. See the State Loans and Bonds section below for additional information on State loans.

Development Contributions

Development contributions are funds collected from developers, separate from impact fees, and placed into deposit accounts, which pay for plan checking, Right-of-Way (ROW) and construction management, as well as the developer's portion of the construction projects.

Replacement

The Replacement funds account for replacement of capital assets and infrastructure. Funding from the Equipment, Information Systems, Facilities, and Parks and LLAD Replacement Funds is reported here. Enterprise Replacement funding is reported under Enterprise funding.

Other

An explanation is provided in the Supplemental Information for projects which have funding from sources other than those defined above. Examples of "Other" funding include:

- **Bond Proceeds** – See State Loans and Bonds Section Below.
- **Capital Infrastructure** – Funding to be used for non-residential development related infrastructure projects.
- **Measure J** – Funding provided from a voter approved transportation sales tax. The Contra Costa Transportation Authority identifies the major roadway projects in the County and allocates Measure J funding for these improvements.
- **PEG Media** – Projects funded by the Public Access, Educational and Governmental (PEG) television channels provided for the citizens of Brentwood.
- **Public Art Acquisition** – This fund accounts for the acquisition and construction of Public Art.
- **Road Maintenance and Rehabilitation Account** – Funding provided by new State legislation, the Road Repair and Accountability Act of 2017, Senate Bill 1 (Beall). Some allowable uses of these funds include: street and road maintenance and rehabilitation; safety projects; railroad grade separations and traffic control devices.

State Loans and Bonds

In order for the City to meet or exceed the existing demands on the infrastructure associated with growth, historically the City has used State Loans, Revenue Bonds, Project Lease Revenue Bonds and Lease Financing to fund some of the largest CIP projects. Described below are financing sources used to fund projects in the 2018/19 – 2022/23 CIP.

- **Civic Center Project Lease Revenue Bonds, Series 2009 A&B** – On October 16, 2009, the

Brentwood Infrastructure Financing Authority (the "Authority") issued \$48,000,000 in Civic Center Project Lease Revenue Bonds, Series 2009 A&B. Proceeds from the bonds were used to fund portions of the New City Hall and New Community Center with the balance of the proceeds from Fund 361, Community Facilities District, funding the Library – New Construction project, estimated to be completed in 2019. The Civic Center Bonds, Series 2009B, in the amount of \$43,945,000, were issued as Build America Bonds (BABs) which allowed the City to receive a significant Federal Subsidy from the bond issuance. BABs are issued as taxable bonds, with the Federal Government rebating back to the City 35% of the interest costs. Due to the Federal sequestration, certain local government refundable credits, including the BABs rebate, have been reduced beginning with refunds processed on or after March 1, 2013. The sequestration reduction rate has varied, ranging from 8.7% down to 6.6%. The bonds will be repaid by the Successor Agency to the former Brentwood Redevelopment Agency, Civic Center Capital Improvement Financing Program (CIFP) and CFD local obligations.

- **2015 Lease Financing** – On December 8, 2015 the City Council authorized financing which generated approximately \$11,300,000 to be used for one or more City projects, including the Library – New Construction and Municipal Service Center projects. Debt service payments are being made over 20 years at an interest rate of 3.25%. Debt service is primarily funded by utilizing prior bond refinancing savings with the balance funded by various sources, including the Solid Waste, Water and Wastewater Enterprises and Community Facilities Development Impact Fees.
- **State Water Resources Control Board Revolving Fund Loan** – The California State Water Resources Control Board Revolving Fund ("SRF") loan program offers low cost financing for various types of water quality projects. In July, 2017 the State approved an agreement with the City for utilization of the SRF to fund the following recycled water projects: Non-Potable Storage Facility, Citywide Non-Potable Water Distribution System, and Secondary Non-Potable Water Storage Facility. The loan agreement also provides for a portion of these projects to be funded with grants from both Proposition 1 and Proposition 13. The final loan amount will be dependent upon final project costs with the loan portion of the agreement to be repaid from Wastewater Enterprise and Wastewater Development Impact Fee funds over 30 years at a low interest rate of 1.0%.

It is anticipated that the Wastewater Treatment Plant – Phase II Expansion project will also be funded using an SRF program low-interest loan to be repaid back over 30 years by a combination of Wastewater Development Impact Fees, Wastewater Enterprise funds, and Wastewater Replacement funds. A loan application has been submitted to the State and is currently under review.

Future Financing and Alternate Funding

The CIP includes numerous projects that are either partially or fully unfunded, many of which are contingent on the growth of the City and the demands on the current infrastructure. The majority of the unfunded projects can be found in the Future Improvements section beginning on page 111. City staff actively pursues alternate funding sources for all unfunded projects, which may include: internal loans from other City funds; Federal/State grant funding; State Revolving Fund loans; Enterprise Revenue Bonds; General Obligation Bonds or savings generated from refunding current bonds.

How the Capital Improvement Program is Managed

The CIP Executive Committee and City staff manages the CIP on an ongoing basis throughout the fiscal year, providing progress reports to the City Council when needed, evaluating new opportunities and resolving issues. Following are some activities related to the management of the CIP:

- Authorizing the start of new projects – New CIP projects, with funding identified in the current fiscal year, must be approved by the CIP Executive Committee before work can begin. The CIP Executive Committee confirms funding and staffing are available and the need for the project still exists before authorizing the project.
- Oversight of the Capital Infrastructure Fund to ensure the funds are used for infrastructure projects and costs related to economic development activities throughout the City and not for ongoing operating expenses.
- Multi-Year Projects – The projected expenditures shown for fiscal years 2018/19 – 2022/23 are provided primarily for project planning and financial budgeting purposes and do not reflect a commitment of funds past the first fiscal year of the plan *unless* the project is designated as a *multi-year project*. In these cases, City Council has authorized either the City Manager or the City Treasurer/Director of Finance and Information Systems to approve project budget adjustments between fiscal years without having to return to City Council for budget amendment approval as long as the amendments stay within the overall project budget. Following are the multi-year projects within this CIP:
 - a) John Muir Parkway Extension - Phase II
 - b) Library - New Construction
 - c) Wastewater Treatment Plant Expansion - Phase II
- Strategic Initiative Projects – Similar to multi-year projects, two fiscal years' expenditures are approved as part of the Strategic Plan process. The list of Strategic Initiative Projects can be found beginning on pg. vii.

Capital projects often span multiple years with the budgets for the funding of the projects approved annually through the Operating Budget. Given this process, the funding of capital projects are often in different Operating Budget years than the completion of the project. When a project is completed, any project savings are returned to the original funding source.

After a CIP and the associated budget is adopted there may be a need to either increase a project budget or add a new project to the CIP prior to the next CIP budget cycle. In these cases, project managers, upon authorization from their Director, submit a staff report to City Council for approval. If the City Council approves the request for a budget amendment, Finance and Information Systems will increase the budget for that project. Upon City Council approval of a new project, Finance and Information Systems will amend the current CIP to include the new project and associated budget.

When a project is complete and ready to be closed, Finance and Information Systems will send the project manager a Project Closure Form for their approval. Upon project manager approval, Finance and Information Systems will: 1) close all open purchase orders; 2) make the necessary entries to return any remaining funds back to the appropriate accounts and 3) close the project accounts.

How the Capital Improvement Program is Organized

The projects in the CIP are categorized in the following manner: Roadway Improvements, Parks and Trails Improvements, Water Improvements, Wastewater Improvements, Community Facilities Improvements, Future Improvements and Development Improvements.

Roadway Improvements

Roadway Improvements include construction of new streets, reconstruction of existing streets and provisions for the widening of existing thoroughfares including the acquisition of ROW, traffic signals and other related traffic capacity and safety needs.

Parks and Trails Improvements

The improvements relative to Parks and Trails include implementation of various park plans and trail links along creeks and waterways. The upgrading and addition of further improvements to existing facilities is also included in this section.

Water Improvements

Potable drinking water, and its delivery to the residents of Brentwood, is the primary purpose of these projects. Items such as major transmission mains, new water sources, booster stations, water wells, reservoirs and treatment facilities are represented in this section.

Wastewater Improvements

This section includes projects which accept wastewater and ensure delivery to the wastewater treatment plant. Items include both existing and proposed sanitary sewer pipes and lift stations. Treatment plant expansion and capacity, non-potable water projects, and the disposal of domestic and industrial wastewater generated by the City, its residents and businesses, is also covered in this section.

Community Facilities Improvements

A Community Facilities Improvement is defined as an improvement that benefits the residents of the community and either provides a City function or provides for a City facility.

Future Improvements

The Future Improvements section includes any improvements that are currently not funded, many of which are contingent on the growth of the City and the demands on the current infrastructure. City staff actively pursues alternate funding sources for all Future Improvements.

Development Improvements

The Development Improvements section includes any improvements to be developed or constructed by a developer or builder in conjunction with the improvements necessary to support their project. These improvements will ultimately be offered for dedication to the City. For the purposes of this document, the Development Improvements are those that provide an area-wide benefit not specific to the project.

Each of these categories is separately identified in the CIP and, with the exception of Future Improvements and Development Improvements, includes Expenditures by Project and an Improvements Summary.

How to Read the Project Detail Sheets

Each Project Detail Sheet outlines enough basic project information to help a reader understand the scope and cost of the project. On the following page is an explanation of what the CIP project detail sheets contain and how to read them.

Project Title:	Project #:
<div style="border: 2px solid red; padding: 20px; width: 80%; margin: auto;"> <p style="font-size: 2em;">Picture or Map Here</p> </div>	<p>Project Category:</p> <p>Location:</p> <p>Project Manager:</p> <p>Project Priority:</p> <p>Project Phase:</p> <p>Est. Completion Date:</p> <p>Future Annual O&M Impact:</p> <p>Public Art Requirement:</p>
Description/Justification:	
Supplemental Information:	

- The **Project Title** is the name that has been assigned to the project.
- A **Project Number** is assigned upon activation of a project and is provided where applicable.
- The **Project Category** designates which of the following categories the project falls under: **Roadway Improvements, Parks and Trails Improvements, Water Improvements, Wastewater Improvements** or **Community Facilities Improvements**.
- The **Location** describes the approximate site(s) within the City where the project will take place.
- The responsible **Project Manager** is provided by each department.
- A **Project Priority** is assigned to each project through the CIP development process. A complete description of the project priorities can be found beginning on page 3.
- The **Project Phase** is provided by each department. The four phase options are **New, Preliminary, Design** or **Construction**.
- The **Estimated Completion Date** of the project is provided by each department by FY.
- The **Future Annual O&M Impact** represents any net change in operating and maintenance costs associated with the completion of the project, including additional costs or savings that

may result from the project. Further explanation of these changes may be found in the Supplemental Information section of each project sheet.

- The project is either **Exempt** from the **Public Art Requirement** or the requirement is **Applicable** to the project. The Public Art Program is discussed in detail in the City of Brentwood Municipal Code, Chapter 2.44 ARTS, Article II.
- The requesting department provides a brief project **Description/Justification** which describes the basic scope and need for the project. The **Supplemental Information** section may include additional information the requesting department would like the reader to know about including more in-depth funding information, supplemental charts or graphs and/or if the project is multi-year. See page 8 for a definition of multi-year projects.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES	Prior	20XX/XX	20XX/XX	20XX/XX	20XX/XX	20XX/XX	TOTAL
70239 Legal							
90040 Planning and Design							
90050 Construction							
90070 Project Administration							
90100 Land/ROW/Acquisitions							
TOTAL							

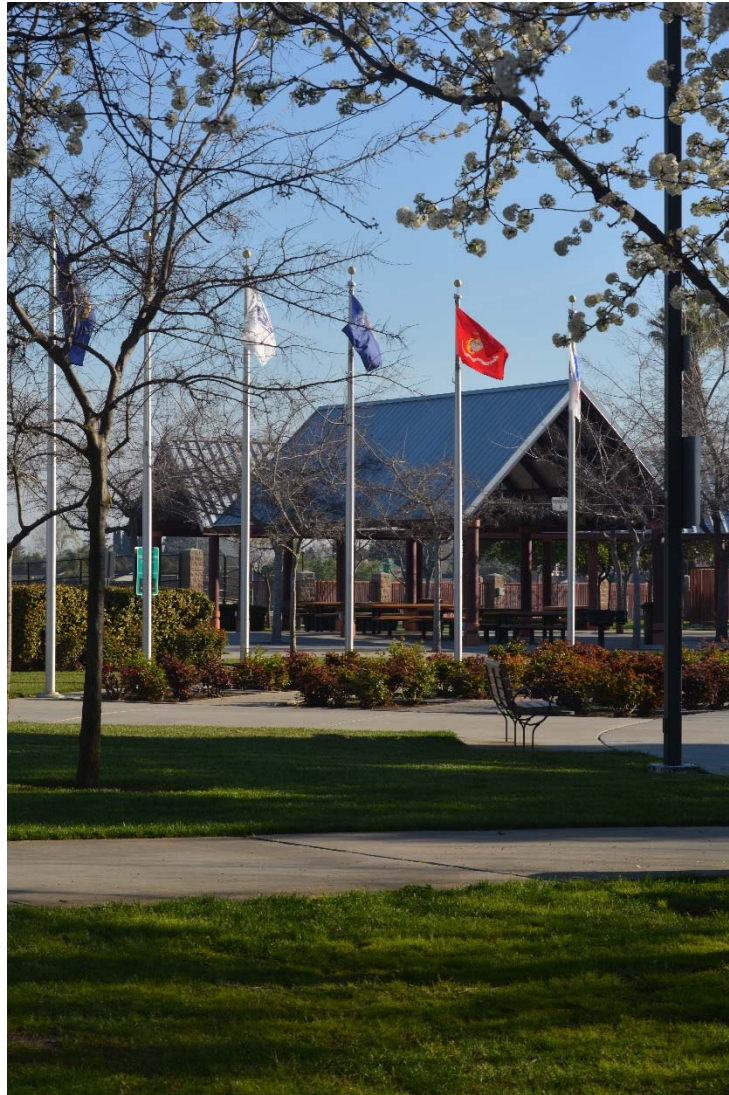
- The **Project Expenditures** are an estimate for development, construction and building of the new capital improvement. A project contingency, typically 10% of the total project cost, is provided for most projects due to the uncertain nature of construction costs. Cost estimates are current as of the date the CIP is approved by the City Council. The expenditure categories are defined below. Please note that projects are not required to include expenditures in all five categories.
 - Legal** – All legal costs associated with a project.
 - Planning and Design** – Includes concept design, site selection, feasibility analysis, schematic design, environmental determination, scheduling, grant application, grant approval and specification preparation.
 - Construction** – Includes bid administration, award of contract and construction.
 - Project Administration** – Costs associated with ensuring City standards are adhered to during construction.
 - Land/ROW/Acquisitions** – Includes property acquisition, ROW and related acquisition services for projects.

PROJECT FUNDING	Prior		20XX/XX	20XX/XX	20XX/XX	20XX/XX	20XX/XX	TOTAL
	Funded	Carryover						
47xxx General Fund								
47xxx Development Impact Fees								
47xxx Enterprise								
47xxx Federal/State Funding								
48xxx Development Contributions								
47xxx Replacement								
Other								
Unfunded								
TOTAL								

- The **Project Funding** section identifies the sources of revenue(s) which have been, or will be, received to fund any given project. Final funding sources will be determined by: 1) the amount of funds available for each category and 2) by the projects' priority. All Project Funding sections include a **Prior** column which is split into two sections, **Funded** and **Carryover**. The Funded section represents both the actual expenditures incurred to date and projected expenditures through June 30. The Carryover section is the amount of budgeted revenue appropriated in prior years, but not expected to be used as of June 30. The funding categories are described in detail in the Capital Improvement Program Key Funding Sources section beginning on page 4. If a project has any unfunded portions those amounts will be listed on the **Unfunded** line.

Capital Improvement Program Summary Data

Summary data for the 2018/19 – 2022/23 CIP can be found beginning on page 14. All summary data includes only the City CIP projects.



Building Permit Projections

The growth within the City is a major factor in determining future General Fund revenue as virtually all of the largest General Fund revenue sources are impacted by development, either directly through permit fees, or indirectly through the impacts of having a larger property and sales tax base from which to support operations and capital projects. Development Impact Fee revenue is also directly related to the volume of development within the City.

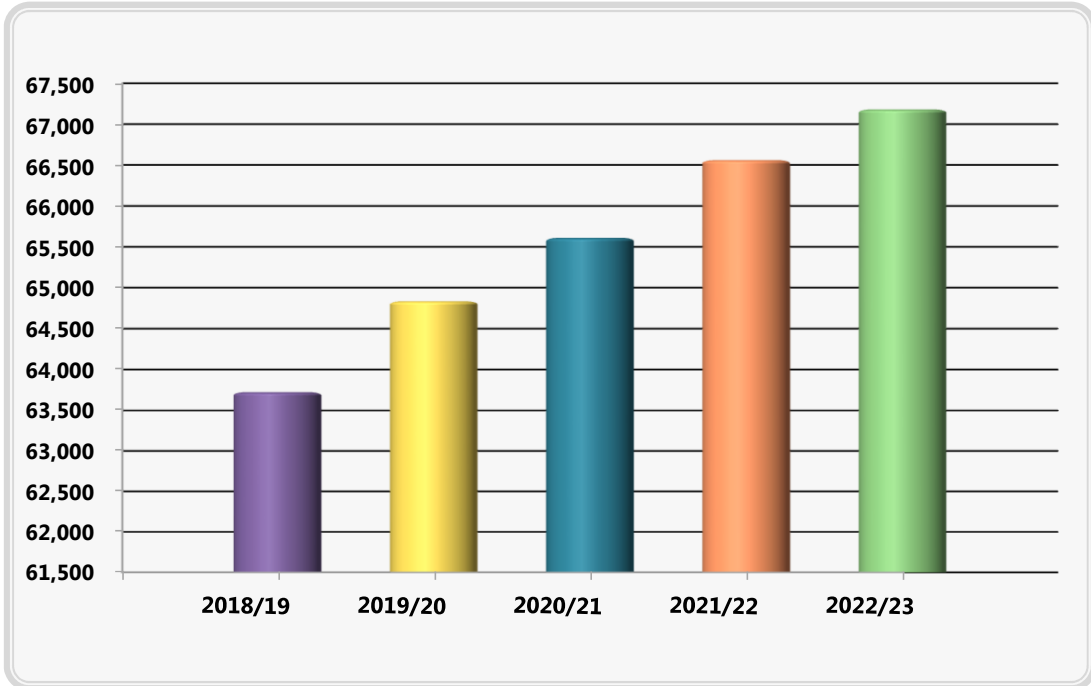
Fiscal Year	2018/19	2019/20	2020/21	2021/22	2022/23
CIP Plan SF Units Per Year ⁽¹⁾	250	250	250	225	200
CIP Plan MF Units Per Year ⁽¹⁾	0	160	0	120	0
CIP Plan Sq. Ft. Per Year ⁽²⁾	270,000	80,000	30,000	220,000	30,000
Citywide SF Unit Total ⁽¹⁾	20,684	20,934	21,184	21,409	21,609
Population Total (end of Fiscal Year)	63,724	64,835	65,610	66,560	67,180

(1) SF refers to Single Family and MF refers to Multi-Family.

(2) Sq. Ft. refers to the square footage of Commercial, Office and Industrial development.

Source: City of Brentwood Public Works and Community Development Departments

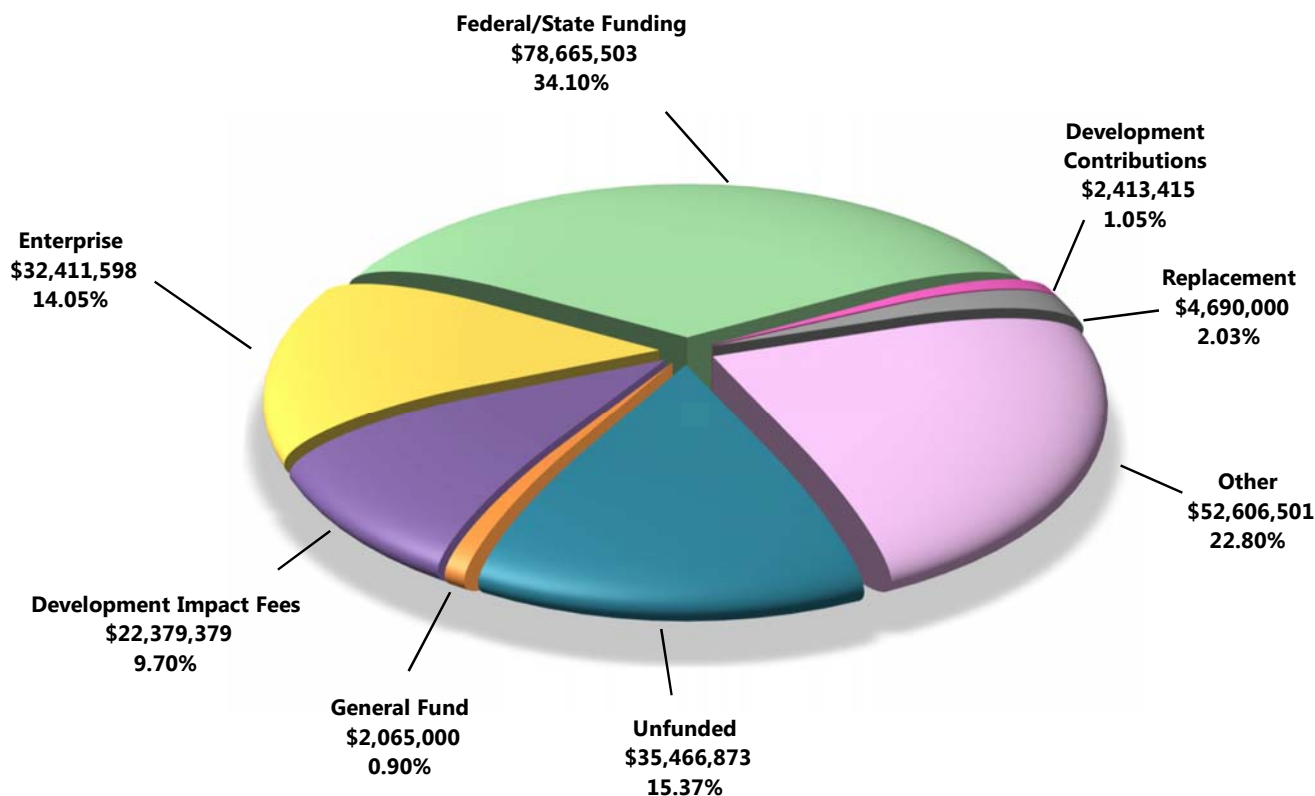
Five-Year Population Growth Chart



Capital Improvement Program Funding by Source

The CIP consists of 66 City projects totaling \$230,698,269. A description of the funding sources for these projects begins on page 4. A Capital Revenue Summary, showing Sources by Fund, is on page 16, and the accompanying Capital Revenue Summary showing Sources of Funds in Detail begins on page 17.

Category	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	Total
	Funded	Carryover						
General Fund	\$ 467,500	\$ 912,500	\$ 385,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 2,065,000
Development Impact Fees	10,563,529	3,014,069	5,332,658	1,942,600	32,000	689,203	805,320	\$ 22,379,379
Enterprise	9,880,418	661,177	5,996,383	7,722,220	2,803,820	3,491,900	1,855,680	\$ 32,411,598
Federal/State Funding	5,995,540	-	45,304,963	27,365,000	-	-	-	\$ 78,665,503
Development Contributions	1,077,262	11,153	-	-	140,000	1,185,000	-	\$ 2,413,415
Replacement	722,642	17,358	1,000,000	1,000,000	900,000	350,000	700,000	\$ 4,690,000
Other	16,654,030	14,850,142	2,959,624	11,389,705	1,970,000	1,970,000	2,813,000	\$ 52,606,501
Unfunded	-	-	-	6,856,747	7,575,783	10,264,343	10,770,000	\$ 35,466,873
TOTAL	\$ 45,360,921	\$ 19,466,399	\$ 60,978,628	\$ 56,576,272	\$ 13,421,603	\$ 17,950,446	\$ 16,944,000	\$ 230,698,269



Capital Revenue Summary								
Sources by Fund								
Fund	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	Total
	Funded	Carryover						
General Fund								
100 General Fund	\$ 467,500	\$ 912,500	\$ 385,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 2,065,000
Total General Fund	\$ 467,500	\$ 912,500	\$ 385,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 2,065,000
Development Impact Fees								
250 Water	\$ 4,029,408	\$ 65,000	\$ 1,748,658	\$ 301,600	\$ 27,000	\$ 122,920	\$ 122,320	\$ 6,416,906
251 Roadway	3,110,756	1,515,514	3,584,000	416,000	-	-	683,000	9,309,270
252 Parks and Trails	98,145	-	-	-	-	161,283	-	259,428
255 Wastewater	1,545,158	1,214,187	-	1,225,000	5,000	405,000	-	4,394,345
256 Community Facilities	1,780,062	219,368	-	-	-	-	-	1,999,430
Total Development Impact Fees	\$ 10,563,529	\$ 3,014,069	\$ 5,332,658	\$ 1,942,600	\$ 32,000	\$ 689,203	\$ 805,320	\$ 22,379,379
Enterprise Funds								
540 Solid Waste	\$ 130,000	\$ 541,177	\$ 216,906	\$ -	\$ -	\$ -	\$ -	\$ 888,083
560 Water	544,921	-	778,820	2,045,220	1,603,820	1,791,900	1,155,680	7,920,361
563 Water Replacement	5,270,560	-	3,543,157	3,852,000	600,000	650,000	350,000	14,265,717
590 Wastewater	1,947,437	120,000	-	-	-	-	-	2,067,437
593 Wastewater Replacement	1,987,500	-	1,457,500	1,825,000	600,000	1,050,000	350,000	7,270,000
Total Enterprise Funds	\$ 9,880,418	\$ 661,177	\$ 5,996,383	\$ 7,722,220	\$ 2,803,820	\$ 3,491,900	\$ 1,855,680	\$ 32,411,598
Federal/State Funding								
217 Grants	\$ 2,552,360	\$ -	\$ 3,811,180	\$ 5,325,500	\$ -	\$ -	\$ -	\$ 11,689,040
Federal/State Funding	3,443,180	-	41,493,783	22,039,500	-	-	-	66,976,463
Total Federal/State Funding	\$ 5,995,540	\$ -	\$ 45,304,963	\$ 27,365,000	\$ -	\$ -	\$ -	\$ 78,665,503
Development Contributions								
Development Contributions	\$ 1,077,262	\$ 11,153	\$ -	\$ -	\$ 140,000	\$ 1,185,000	\$ -	\$ 2,413,415
Total Development Contributions	\$ 1,077,262	\$ 11,153	\$ -	\$ -	\$ 140,000	\$ 1,185,000	\$ -	\$ 2,413,415
Replacement Funds								
703 Information Systems Replacement	\$ 722,642	\$ 17,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 740,000
704 Facilities Replacement	-	-	-	-	-	-	400,000	400,000
708 Parks and LLAD Replacement	-	-	1,000,000	1,000,000	900,000	350,000	300,000	3,550,000
Total Replacement Funds	\$ 722,642	\$ 17,358	\$ 1,000,000	\$ 1,000,000	\$ 900,000	\$ 350,000	\$ 700,000	\$ 4,690,000
Other								
Fire Fees								
257 Fire Fees	\$ 697,397	\$ -	\$ -	\$ 5,848,000	\$ -	\$ -	\$ -	\$ 6,545,397
Special Revenue Funds								
209 RMRA	-	-	540,000	1,000,000	1,000,000	1,000,000	1,000,000	4,540,000
263 Agriculture Land	-	-	-	-	-	-	-	-
267 Public Art Administration	-	100,000	-	-	-	-	-	100,000
268 Public Art Program	-	400,000	-	-	-	-	-	400,000
285 PEG Media	-	-	-	-	-	-	843,000	843,000
293 Measure J	785,000	195,000	960,000	970,000	970,000	970,000	970,000	5,820,000
301 Redevelopment	44,874	-	-	-	-	-	-	44,874
Capital Project Funds								
361 Community Facilities District (CFD)	7,900,000	-	-	-	-	-	-	7,900,000
366 2015 Lease Revenue Bonds	6,721,200	4,278,800	400,000	-	-	-	-	11,400,000
381 City Capital Improvement Financing Program	-	-	163,624	171,705	-	-	-	335,329
392 Capital Infrastructure	335,025	2,945,358	506,000	-	-	-	-	3,786,383
393 Vineyards Projects	-	-	-	3,400,000	-	-	-	3,400,000
394 Vineyards Event Center	14,317	3,785,683	-	-	-	-	-	3,800,000
Miscellaneous								
Miscellaneous	156,217	3,145,301	390,000	-	-	-	-	3,691,518
Total Other	\$ 16,654,030	\$ 14,850,142	\$ 2,959,624	\$ 11,389,705	\$ 1,970,000	\$ 1,970,000	\$ 2,813,000	\$ 52,606,501
TOTAL FUNDED PROJECTS	\$ 45,360,921	\$ 19,466,399	\$ 60,978,628	\$ 49,719,525	\$ 5,845,820	\$ 7,686,103	\$ 6,174,000	\$ 195,231,396
Unfunded								
Unfunded	\$ -	\$ -	\$ -	\$ 6,856,747	\$ 7,575,783	\$ 10,264,343	\$ 10,770,000	\$ 35,466,873
TOTAL UNFUNDED PROJECTS	\$ -	\$ -	\$ -	\$ 6,856,747	\$ 7,575,783	\$ 10,264,343	\$ 10,770,000	\$ 35,466,873
TOTAL PROJECTS	\$ 45,360,921	\$ 19,466,399	\$ 60,978,628	\$ 56,576,272	\$ 13,421,603	\$ 17,950,446	\$ 16,944,000	\$ 230,698,269

Capital Revenue Summary										
Sources of Funds in Detail										
Page	Project #	Project	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	Total
			Funded	Carryover						
General Fund										
Fund #100 - General Fund										
96	37248	City Hall Automatic Transfer Switch	\$ 50,000	\$ 165,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
32	31630	Citywide Overhead Utility Replacement	240,000	60,000	-	-	-	-	-	300,000
99	37207	Citywide Sign/Identification Program	27,500	7,500	-	-	-	-	-	35,000
100	37245	Community Build-Out Plan	150,000	150,000	100,000	100,000	-	-	-	500,000
35	31683	John Muir Parkway Extension - Phase II	-	330,000	-	-	-	-	-	330,000
37	30838	Pavement Management Program - 2018	-	200,000	-	-	-	-	-	200,000
109	37228	Zoning Ordinance Update	-	-	200,000	200,000	-	-	-	400,000
Total General Fund			\$ 467,500	\$ 912,500	\$ 385,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 2,065,000
Development Impact Fees										
Fund #250 - Water										
62	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 10,000
63	56400	Canal Replacement Cost Share	277,820	-	869,348	-	-	-	-	1,147,168
101	37197	Development Services Software	97,290	-	-	-	-	-	-	97,290
35	31683	John Muir Parkway Extension - Phase II	190,000	-	-	-	-	-	-	190,000
67		O'Hara Ave/Lone Tree Way Water Upgrade	-	-	-	295,000	-	-	-	295,000
68	56396	Purchase of Capacity Rights	3,341,240	-	835,310	-	-	-	-	4,176,550
71	56320	Underground Water System Corrosion Mitigation	123,058	65,000	-	-	-	-	-	188,058
77		Water Treatment Plant Master Plan	-	-	44,000	6,600	22,000	117,920	122,320	312,840
Total Water			\$4,029,408	\$ 65,000	\$1,748,658	\$ 301,600	\$ 27,000	\$ 122,920	\$ 122,320	\$ 6,416,906
Fund #251 - Roadway										
30	31620	Brentwood Boulevard Widening North - Phase I	\$ 85,650	\$ 314,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
33	31500	Citywide Traffic Signal Interconnect Program	440,000	134,000	-	-	-	-	-	574,000
101	37197	Development Services Software	146,520	-	-	-	-	-	-	146,520
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	-	-	-	-	-	683,000	-	683,000
35	31683	John Muir Parkway Extension - Phase II	210,000	304,699	-	-	-	-	-	514,699
36	31340	Lone Tree Way - Union Pacific Undercrossing	2,228,586	762,465	-	-	-	-	-	2,991,051
40		Priority Area 1 Infrastructure Improvements	-	-	3,584,000	416,000	-	-	-	4,000,000
Total Roadway			\$3,110,756	\$1,515,514	\$3,584,000	\$ 416,000	\$ -	\$ -	\$ 683,000	\$ 9,309,270
Fund #252 - Parks and Trails										
50		CCWD Trail	\$ -	\$ -	\$ -	\$ -	\$ 161,283	\$ -	\$ -	\$ 161,283
101	37197	Development Services Software	98,145	-	-	-	-	-	-	98,145
Total Parks and Trails			\$ 98,145	\$ -	\$ -	\$ -	\$ 161,283	\$ -	\$ -	\$ 259,428
Fund #255 - Wastewater										
62	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 10,000
101	37197	Development Services Software	58,095	-	-	-	-	-	-	58,095
85		Highland Way Wastewater Upgrade	-	-	-	-	400,000	-	-	400,000
35	31683	John Muir Parkway Extension - Phase II	155,000	-	-	-	-	-	-	155,000
86		Lone Tree Way/Arroyo Seco Road Wastewater Upgrade	-	-	-	1,225,000	-	-	-	1,225,000
87	59198	Non-Potable Storage Facility	46,750	-	-	-	-	-	-	46,750
89	59140	Wastewater Treatment Plant Expansion - Phase II	1,285,313	1,214,187	-	-	-	-	-	2,499,500
Total Wastewater			\$1,545,158	\$1,214,187	\$ -	\$1,225,000	\$ 5,000	\$ 405,000	\$ -	\$ 4,394,345
Fund #256 - Community Facilities										
95	37237	City Fiber Optic Connection	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
99	37207	Citywide Sign/Identification Program	-	95,000	-	-	-	-	-	95,000
101	37197	Development Services Software	25,582	24,368	-	-	-	-	-	49,950
104	37206	Municipal Service Center	1,654,480	-	-	-	-	-	-	1,654,480
Total Community Facilities			\$1,780,062	\$ 219,368	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,999,430

Capital Revenue Summary										
Sources of Funds in Detail (Continued)										
Page	Project #	Project	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	Total
			Funded	Carryover						
Enterprise Funds										
Fund #540 - Solid Waste										
104	37206	Municipal Service Center	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
37	30838	Pavement Management Program - 2018	-	421,177	-	-	-	-	-	421,177
38		Pavement Management Program - 2019	-	-	216,906	-	-	-	-	216,906
90	59205	Wastewater Treatment Plant Security	80,000	120,000	-	-	-	-	-	200,000
Total Solid Waste Funds			\$ 130,000	\$ 541,177	\$ 216,906	\$ -	\$ -	\$ -	\$ -	\$ 888,083
Fund #560 - Water										
104	37206	Municipal Service Center	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
67		O'Hara Ave/Lone Tree Way Water Upgrade	-	-	-	295,000	-	-	-	295,000
69	56398	Reservoir Painting and Recoating	282,979	-	422,820	422,820	422,820	422,820	-	1,974,259
71	56320	Underground Water System Corrosion Mitigation	11,942	-	100,000	-	-	-	-	111,942
73	56399	Water Storage Capacity at Los Vaqueros Reservoir	200,000	-	200,000	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000
77		Water Treatment Plant Master Plan	-	-	56,000	8,400	28,000	150,080	155,680	398,160
78		Water Treatment Plant Security Improvements	-	-	-	-	153,000	219,000	-	372,000
79		Zone 2 Reduced Water Pressure Zone	-	-	-	319,000	-	-	-	319,000
Total Water Funds			\$ 544,921	\$ -	\$ 778,820	\$ 2,045,220	\$ 1,603,820	\$ 1,791,900	\$ 1,155,680	\$ 7,920,361
Fund #563 - Water Replacement										
63	56400	Canal Replacement Cost Share	\$ 277,820	\$ -	\$ 869,347	\$ -	\$ -	\$ -	\$ -	\$ 1,147,167
65		Downtown Alley Rehabilitation - South Diablo Way	-	-	480,000	-	-	-	-	480,000
66		Downtown Alley Rehabilitation - Future	-	-	-	600,000	600,000	650,000	350,000	2,200,000
68	56396	Purchase of Capacity Rights	3,341,240	-	835,310	-	-	-	-	4,176,550
70	56397	Sensus AMR System Upgrade	500,000	-	-	2,370,000	-	-	-	2,870,000
102	56402	Water and Wastewater SCADA System Upgrade	412,500	-	412,500	-	-	-	-	825,000
74	56403	Water Treatment Plant Chemical Storage Tank Relining	178,000	-	117,000	382,000	-	-	-	677,000
75		Water Treatment Plant Distributed Control System Upgrade	-	-	372,000	500,000	-	-	-	872,000
76	56404	Water Treatment Plant Filter Media Replacement	561,000	-	457,000	-	-	-	-	1,018,000
Total Water Replacement Funds			\$ 5,270,560	\$ -	\$ 3,543,157	\$ 3,852,000	\$ 600,000	\$ 650,000	\$ 350,000	\$ 14,265,717
Fund #590 - Wastewater										
104	37206	Municipal Service Center	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
87	59198	Non-Potable Storage Facility	46,750	-	-	-	-	-	-	46,750
89	59140	Wastewater Treatment Plant Expansion - Phase II	1,770,687	-	-	-	-	-	-	1,770,687
90	59205	Wastewater Treatment Plant Security	80,000	120,000	-	-	-	-	-	200,000
Total Wastewater Funds			\$ 1,947,437	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,067,437
Fund #593 - Wastewater Replacement										
64	56401	Downtown Alley Rehabilitation - North Diablo Way	\$ 700,000	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000
65		Downtown Alley Rehabilitation - South Diablo Way	-	-	720,000	-	-	-	-	720,000
66		Downtown Alley Rehabilitation - Future	-	-	-	600,000	600,000	650,000	350,000	2,200,000
85		Highland Way Wastewater Upgrade	-	-	-	-	-	400,000	-	400,000
86		Lone Tree Way/Arroyo Seco Road Wastewater Upgrade	-	-	-	1,225,000	-	-	-	1,225,000
102	56402	Water and Wastewater SCADA System Upgrade	537,500	-	37,500	-	-	-	-	575,000
89	59140	Wastewater Treatment Plant Expansion - Phase II	750,000	-	-	-	-	-	-	750,000
Total Wastewater Replacement Funds			\$ 1,987,500	\$ -	\$ 1,457,500	\$ 1,825,000	\$ 600,000	\$ 1,050,000	\$ 350,000	\$ 7,270,000
Federal/State Funding										
Fund #217 - Grants										
31	31694	Brentwood Various Streets and Roads Preservation	\$ -	\$ -	\$ -	\$ 1,653,000	\$ -	\$ -	\$ -	\$ 1,653,000
84	59202	Citywide Non-Potable Water Distribution System	281,220	-	1,356,780	-	-	-	-	1,638,000
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	735,540	-	-	-	-	-	-	735,540
35	31683	John Muir Parkway Extension - Phase II	-	-	735,000	-	-	-	-	735,000
87	59198	Non-Potable Storage Facility	1,535,600	-	1,544,400	-	-	-	-	3,080,000
88		Secondary Non-Potable Water Storage Facility	-	-	175,000	1,172,500	-	-	-	1,347,500
89	59140	Wastewater Treatment Plant Expansion - Phase II	-	-	-	2,500,000	-	-	-	2,500,000
Total Grants			\$ 2,552,360	\$ -	\$ 3,811,180	\$ 5,325,500	\$ -	\$ -	\$ -	\$ 11,689,040
Federal/State Funding										
84	59202	Citywide Non-Potable Water Distribution System	\$ 578,780	\$ -	\$ 2,783,220	\$ -	\$ -	\$ -	\$ -	\$ 3,362,000
87	59198	Non-Potable Storage Facility	2,864,400	-	2,865,600	-	-	-	-	5,730,000
88		Secondary Non-Potable Water Storage Facility	-	-	175,000	2,677,500	-	-	-	2,852,500
89	59140	Wastewater Treatment Plant Expansion - Phase II	-	-	35,669,963	19,362,000	-	-	-	55,031,963
Total Federal/State Funding			\$ 3,443,180	\$ -	\$ 41,493,783	\$ 22,039,500	\$ -	\$ -	\$ -	\$ 66,976,463
Development Contributions										
62	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ 1,185,000	\$ -	\$ 1,325,000
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	488,847	11,153	-	-	-	-	-	500,000
36	31340	Lone Tree Way - Union Pacific Undercrossing	588,415	-	-	-	-	-	-	588,415
Total Development Contributions			\$ 1,077,262	\$ 11,153	\$ -	\$ -	\$ 140,000	\$ 1,185,000	\$ -	\$ 2,413,415

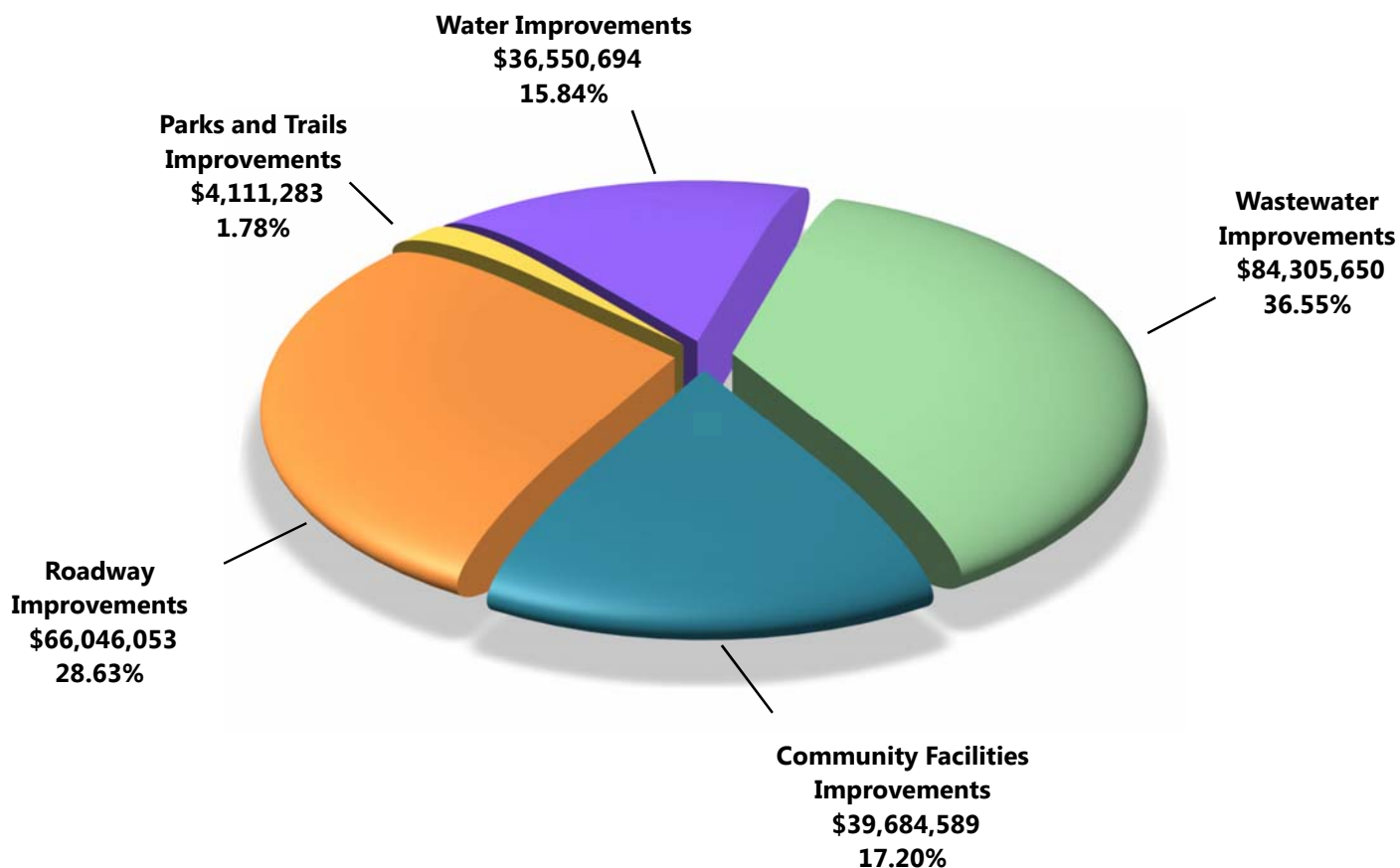
Capital Revenue Summary										
Sources of Funds in Detail (Continued)										
Page	Project #	Project	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	Total
			Funded	Carryover						
Replacement Funds										
Fund #703 - Information Systems Replacement										
95	37237	City Fiber Optic Connection	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
97	37226	City Phone System Upgrade	392,642	7,358	-	-	-	-	-	400,000
106	37238	Surveillance Camera and Storage System Upgrade	230,000	10,000	-	-	-	-	-	240,000
Total Information Systems Replacement Funds			\$ 722,642	\$ 17,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 740,000
Fund #704 - Facilities Replacement										
44		Aquatic Complex Locker Rooms Remodeling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
Total Facilities Replacement Funds			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
Fund #708 - Parks and LLAD Replacement										
45		Aquatic Complex Mechanical Room Improvements	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
46		Aquatic Complex Pool Decking	-	-	-	400,000	-	-	-	400,000
47		Aquatic Complex Pool Plastering	-	-	350,000	-	-	-	-	350,000
48		Aquatic Complex Slide Replacement	-	-	-	-	300,000	-	-	300,000
49		Aquatic Complex Water Play Structures Replacement	-	-	-	-	300,000	-	-	300,000
51		Homecoming Park Playground Replacement	-	-	-	-	300,000	-	-	300,000
52		Loma Vista Park Playground Replacement	-	-	300,000	-	-	-	-	300,000
53		Miwok Park Playground Replacement	-	-	-	-	-	200,000	-	200,000
54	52432	Sunset Field Natural Turf Improvement	-	-	-	300,000	-	-	-	300,000
55		Sunset Park Playground Replacement	-	-	-	300,000	-	-	-	300,000
56		Walnut Park Playground Replacement	-	-	-	-	-	-	300,000	300,000
57		Windsor Way Park Playground Replacement	-	-	-	-	-	150,000	-	150,000
Total Parks and LLAD Replacement Funds			\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 900,000	\$ 350,000	\$ 300,000	\$ 3,550,000
Other										
Fire Fees										
Fund #257 - Fire Fees										
102	37030	Fire Station #53 (Shady Willow)	\$ 697,397	\$ -	\$ -	\$ 5,848,000	\$ -	\$ -	\$ -	\$ 6,545,397
Total Fire Fees Funds			\$ 697,397	\$ -	\$ -	\$ 5,848,000	\$ -	\$ -	\$ -	\$ 6,545,397
Special Revenue Funds										
Fund #209 - RMRA										
38		Pavement Management Program - 2019	\$ -	\$ -	\$ 540,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000
39		Pavement Management Program - Future	-	-	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Total RMRA Funds			\$ -	\$ -	\$ 540,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,540,000
Fund #267 - Public Art Administration										
98	37244	Citywide Gateway Monuments "4-Corners"	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Total Public Art Administration Funds			\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Fund #268 - Public Art Acquisition										
98	37244	Citywide Gateway Monuments "4-Corners"	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Total Public Art Program Funds			\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Fund #285 - PEG Media										
105		PEG Cable TV Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 843,000	\$ 843,000
Total PEG Media Funds			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 843,000	\$ 843,000
Fund #293 - Measure J										
31	31694	Brentwood Various Streets and Roads Preservation	\$ 5,000	\$ 13,000	\$ 198,000	\$ -	\$ -	\$ -	\$ -	\$ 216,000
37	30838	Pavement Management Program - 2018	780,000	182,000	-	-	-	-	-	962,000
38		Pavement Management Program - 2019	-	-	762,000	-	-	-	-	762,000
39		Pavement Management Program - Future	-	-	-	970,000	970,000	970,000	970,000	3,880,000
Total Measure J Funds			\$ 785,000	\$ 195,000	\$ 960,000	\$ 970,000	\$ 970,000	\$ 970,000	\$ 970,000	\$ 5,820,000

Capital Revenue Summary										
Sources of Funds in Detail (Continued)										
Page	Project #	Project	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	Total
			Funded	Carryover						
Other (Continued)										
Fund #301 - Redevelopment										
30	31620	Brentwood Boulevard Widening North - Phase I	\$ 44,874	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,874
Total Redevelopment			\$ 44,874	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,874
Capital Project Funds										
Fund #361 - Community Facilities District (CFD)										
103	37241	Library - New Construction	\$ 7,900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,900,000
Total Community Facilities District Funds			\$ 7,900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,900,000
Fund #366 - 2015 Lease Revenue Bonds										
120	37241	Library - New Construction	\$ 3,702,200	\$ 1,497,800	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 5,600,000
104	37206	Municipal Service Center	3,019,000	2,781,000	-	-	-	-	-	5,800,000
Total 2015 Lease Revenue Bonds Funds			\$ 6,721,200	\$ 4,278,800	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 11,400,000
Fund #381 - City Capital Improvement Financing Program										
94		Brentwood Business Development Center	\$ -	\$ -	\$ 163,624	\$ 171,705	\$ -	\$ -	\$ -	\$ 335,329
Total City Capital Improvement Financing Program			\$ -	\$ -	\$ 163,624	\$ 171,705	\$ -	\$ -	\$ -	\$ 335,329
Fund #392 - Capital Infrastructure										
98	37244	Citywide Gateway Monuments "4-Corners"	\$ 100,025	\$ 186,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286,383
40		Priority Area 1 Infrastructure Improvements	235,000	2,759,000	506,000	-	-	-	-	3,500,000
Total Capital Infrastructure Funds			\$ 335,025	\$ 2,945,358	\$ 506,000	\$ -	\$ -	\$ -	\$ -	\$ 3,786,383
Fund #393 - Vineyards Projects										
108	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	\$ -	\$ -	\$ -	\$ 3,400,000	\$ -	\$ -	\$ -	\$ 3,400,000
Total Vineyards Event Center Funds			\$ -	\$ -	\$ -	\$ 3,400,000	\$ -	\$ -	\$ -	\$ 3,400,000
Fund #394 - Vineyards Event Center										
108	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	\$ 14,317	\$ 3,785,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000
Total Vineyards Event Center Funds			\$ 14,317	\$ 3,785,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000
Miscellaneous										
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	\$ 6,217	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,217
35	31683	John Muir Parkway Extension - Phase II	-	3,145,301	390,000	-	-	-	-	3,535,301
120	37241	Library - New Construction	150,000	-	-	-	-	-	-	150,000
107		Veterans Park Gazebo	-	-	-	-	-	-	-	-
Total Miscellaneous			\$ 156,217	\$ 3,145,301	\$ 390,000	\$ -	\$ -	\$ -	\$ -	\$ 3,691,518
TOTAL FUNDED PROJECTS			\$45,360,921	\$19,466,399	\$60,978,628	\$49,719,525	\$ 5,845,820	\$ 7,686,103	\$ 6,174,000	\$195,231,396
Unfunded										
62	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 505,000	\$ 1,550,000	\$ 2,055,000
30	31620	Brentwood Boulevard Widening North - Phase I	-	-	-	-	2,035,783	4,219,343	-	6,255,126
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	-	-	-	-	-	-	3,679,000	3,679,000
36	31340	Lone Tree Way - Union Pacific Undercrossing	-	-	-	6,856,747	5,540,000	5,540,000	5,541,000	23,477,747
Total Unfunded Projects			\$ -	\$ -	\$ -	\$ 6,856,747	\$ 7,575,783	\$10,264,343	\$10,770,000	\$ 35,466,873
TOTAL PROJECTS			\$45,360,921	\$19,466,399	\$60,978,628	\$56,576,272	\$13,421,603	\$17,950,446	\$16,944,000	\$230,698,269

Capital Improvement Program Expenditures by Category

The CIP consists of 66 City projects totaling \$230,698,269. The chart below summarizes these expenditures by Project Category. A detailed listing of Project Expenditures by Category begins on page 22.

Category	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total
Roadway Improvements	\$ 6,433,129	\$ 15,569,051	\$ 10,895,747	\$ 9,545,783	\$ 11,729,343	\$ 11,873,000	\$ 66,046,053
Parks and Trails Improvements	-	1,000,000	1,000,000	900,000	511,283	700,000	\$ 4,111,283
Water Improvements	10,745,099	7,593,135	6,798,820	2,975,820	4,909,820	3,528,000	\$ 36,550,694
Wastewater Improvements	9,319,500	46,024,150	28,162,000	-	800,000	-	\$ 84,305,650
Community Facilities Improvements	18,863,193	10,258,691	9,719,705	-	-	843,000	\$ 39,684,589
TOTAL	\$ 45,360,921	\$ 80,445,027	\$ 56,576,272	\$ 13,421,603	\$ 17,950,446	\$ 16,944,000	\$ 230,698,269



Project Expenditures by Category									
Roadway Improvements									
Page	Project #	Project Title	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
30	31620	Brentwood Boulevard Widening North - Phase I	\$ 130,524	\$ 314,350	\$ -	\$ 2,035,783	\$ 4,219,343	\$ -	\$ 6,700,000
31	31694	Brentwood Various Streets and Roads Preservation	5,000	211,000	1,653,000	-	-	-	1,869,000
32	31630	Citywide Overhead Utility Replacement	240,000	60,000	-	-	-	-	300,000
33	31500	Citywide Traffic Signal Interconnect Program	440,000	134,000	-	-	-	-	574,000
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	1,230,604	11,153	-	-	-	4,362,000	5,603,757
35	31683	John Muir Parkway Extension - Phase II	555,000	4,905,000	-	-	-	-	5,460,000
36	31340	Lone Tree Way - Union Pacific Undercrossing	2,817,001	762,465	6,856,747	5,540,000	5,540,000	5,541,000	27,057,213
37	30838	Pavement Management Program - 2018	780,000	803,177	-	-	-	-	1,583,177
38		Pavement Management Program - 2019	-	1,518,906	-	-	-	-	1,518,906
39		Pavement Management Program - Future	-	-	1,970,000	1,970,000	1,970,000	1,970,000	7,880,000
40		Priority Area 1 Infrastructure Improvements	235,000	6,849,000	416,000	-	-	-	7,500,000
		Roadway Improvements Total	\$ 6,433,129	\$ 15,569,051	\$ 10,895,747	\$ 9,545,783	\$ 11,729,343	\$ 11,873,000	\$ 66,046,053

Parks and Trails Improvements									
Page	Project #	Project Title	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
44		Aquatic Complex Locker Rooms Remodeling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
45		Aquatic Complex Mechanical Room Improvements	-	350,000	-	-	-	-	350,000
46		Aquatic Complex Pool Decking	-	-	400,000	-	-	-	400,000
47		Aquatic Complex Pool Plastering	-	350,000	-	-	-	-	350,000
48		Aquatic Complex Slide Replacement	-	-	-	300,000	-	-	300,000
49		Aquatic Complex Water Play Structures Replacement	-	-	-	300,000	-	-	300,000
50		CCWD Trail	-	-	-	-	161,283	-	161,283
51		Homecoming Park Playground Replacement	-	-	-	300,000	-	-	300,000
52		Loma Vista Park Playground Replacement	-	300,000	-	-	-	-	300,000
53		Miwok Park Playground Replacement	-	-	-	-	200,000	-	200,000
54	52432	Sunset Field Natural Turf Improvement	-	-	300,000	-	-	-	300,000
55		Sunset Park Playground Replacement	-	-	300,000	-	-	-	300,000
56		Walnut Park Playground Replacement	-	-	-	-	-	300,000	300,000
57		Windsor Way Park Playground Replacement	-	-	-	-	150,000	-	150,000
		Parks and Trails Improvements Total	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 900,000	\$ 511,283	\$ 700,000	\$ 4,111,283

Project Expenditures by Category (Continued)									
Water Improvements									
Page	Project #	Project Title	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
62	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,700,000	\$ 1,550,000	\$ 3,400,000
63	56400	Canal Replacement Cost Share	555,640	1,738,695	-	-	-	-	2,294,335
64	56401	Downtown Alley Rehabilitation - North Diablo Way	700,000	700,000	-	-	-	-	1,400,000
65		Downtown Alley Rehabilitation - South Diablo Way	-	1,200,000	-	-	-	-	1,200,000
66		Downtown Alley Rehabilitation - Future	-	-	1,200,000	1,200,000	1,300,000	700,000	4,400,000
67		O'Hara Ave/Lone Tree Way Water Upgrade	-	-	590,000	-	-	-	590,000
68	56396	Purchase of Capacity Rights	6,682,480	1,670,620	-	-	-	-	8,353,100
69	56398	Reservoir Painting and Recoating	282,979	422,820	422,820	422,820	422,820	-	1,974,259
70	56397	Sensus AMR System Upgrade	500,000	-	2,370,000	-	-	-	2,870,000
71	56320	Underground Water System Corrosion Mitigation	135,000	165,000	-	-	-	-	300,000
72	56402	Water and Wastewater SCADA System Upgrade	950,000	450,000	-	-	-	-	1,400,000
73	56399	Water Storage Capacity at Los Vaqueros Reservoir	200,000	200,000	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000
74	56403	Water Treatment Plant Chemical Storage Tank Relining	178,000	117,000	382,000	-	-	-	677,000
75		Water Treatment Plant Distributed Control System Upgrade	-	372,000	500,000	-	-	-	872,000
76	56404	Water Treatment Plant Filter Media Replacement	561,000	457,000	-	-	-	-	1,018,000
77		Water Treatment Plant Master Plan	-	100,000	15,000	50,000	268,000	278,000	711,000
78		Water Treatment Plant Security Improvements	-	-	-	153,000	219,000	-	372,000
79		Zone 2 Reduced Water Pressure Zone	-	-	319,000	-	-	-	319,000
		Water Improvements Total	\$ 10,745,099	\$ 7,593,135	\$ 6,798,820	\$ 2,975,820	\$ 4,909,820	\$ 3,528,000	\$ 36,550,694

Wastewater Improvements									
Page	Project #	Project Title	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
84	59202	Citywide Non-Potable Water Distribution System	\$ 860,000	\$ 4,140,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
85		Highland Way Wastewater Upgrade	-	-	-	-	800,000	-	800,000
86		Lone Tree Way/Arroyo Seco Road Wastewater Upgrade	-	-	2,450,000	-	-	-	2,450,000
87	59198	Non-Potable Storage Facility	4,493,500	4,410,000	-	-	-	-	8,903,500
88		Secondary Non-Potable Water Storage Facility	-	350,000	3,850,000	-	-	-	4,200,000
89	59140	Wastewater Treatment Plant Expansion - Phase II	3,806,000	36,884,150	21,862,000	-	-	-	62,552,150
90	59205	Wastewater Treatment Plant Security	160,000	240,000	-	-	-	-	400,000
		Wastewater Improvements Total	\$ 9,319,500	\$ 46,024,150	\$ 28,162,000	\$ -	\$ 800,000	\$ -	\$ 84,305,650

Project Expenditures by Category (Continued)									
Community Facilities Improvements									
Page	Project #	Project Title	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
94		Brentwood Business Development Center	\$ -	\$ 163,624	\$ 171,705	\$ -	\$ -	\$ -	\$ 335,329
95	37237	City Fiber Optic Connection	200,000	100,000	-	-	-	-	300,000
96	37248	City Hall Automatic Transfer Switch	50,000	250,000	-	-	-	-	300,000
97	37226	City Phone System Upgrade	392,642	7,358	-	-	-	-	400,000
98	37244	Citywide Gateway Monuments "4-Corners"	100,025	686,358	-	-	-	-	786,383
99	37207	Citywide Sign/Identification Program	27,500	102,500	-	-	-	-	130,000
100	37245	Community Build-Out Plan	150,000	250,000	100,000	-	-	-	500,000
101	37197	Development Services Software	425,632	24,368	-	-	-	-	450,000
102	37030	Fire Station #53 (Shady Willow)	697,397	-	5,848,000	-	-	-	6,545,397
103	37241	Library - New Construction	11,752,200	1,897,800	-	-	-	-	13,650,000
104	37206	Municipal Service Center	4,823,480	2,781,000	-	-	-	-	7,604,480
105		PEG Cable TV Access	-	-	-	-	-	843,000	843,000
106	37238	Surveillance Camera and Storage System Upgrade	230,000	10,000	-	-	-	-	240,000
107		Veterans Park Gazebo	-	-	-	-	-	-	-
108	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	14,317	3,785,683	3,400,000	-	-	-	7,200,000
109	37228	Zoning Ordinance Update	-	200,000	200,000	-	-	-	400,000
		Community Facilities Improvements Total	\$ 18,863,193	\$ 10,258,691	\$ 9,719,705	\$ -	\$ -	\$ 843,000	\$ 39,684,589
TOTAL PROJECT EXPENDITURES			\$ 45,360,921	\$ 80,445,027	\$ 56,576,272	\$ 13,421,603	\$ 17,950,446	\$ 16,944,000	\$230,698,269

Summary of Capital Improvement Projects by Priority						
Page #	Project #	Priority	Project	Total Cost	Funding Status	Category
Level 1A Mandatory - Ongoing Projects						
35	31683	1A	John Muir Parkway Extension - Phase II	\$ 5,460,000	FF	Roadway Improvements
104	37206	1A	Municipal Service Center	7,604,480	FF	Community Facilities Improvements
87	59198	1A	Non-Potable Storage Facility	8,903,500	FF	Wastewater Improvements
37	30838	1A	Pavement Management Program - 2018	1,583,177	FF	Roadway Improvements
38		1A	Pavement Management Program - 2019	1,518,906	FF	Roadway Improvements
39		1A	Pavement Management Program - Future	7,880,000	FF	Roadway Improvements
74	56403	1A	Water Treatment Plant Chemical Storage Tank Relining	677,000	FF	Water Improvements
75		1A	Water Treatment Plant Distributed Control System Upgrade	872,000	FF	Water Improvements
76	56404	1A	Water Treatment Plant Filter Media Replacement	1,018,000	FF	Water Improvements
77		1A	Water Treatment Plant Master Plan	711,000	FF	Water Improvements
78		1A	Water Treatment Plant Security Improvements	372,000	FF	Water Improvements
90	59205	1A	Wastewater Treatment Plant Security	400,000	FF	Wastewater Improvements
Level 1B Mandatory - Legal/Regulatory Obligations						
63	56400	1B	Canal Replacement Cost Share	2,294,335	FF	Water Improvements
36	31340	1B	Lone Tree Way - Union Pacific Undercrossing	27,057,213	PF	Roadway Improvements
68	56396	1B	Purchase of Capacity Rights	8,353,100	FF	Water Improvements
89	59140	1B	Wastewater Treatment Plant Expansion - Phase II	62,552,150	FF	Wastewater Improvements
Level 1C Mandatory - Safety Obligations						
50		1C	CCWD Trail	161,283	FF	Parks and Trails Improvements
51		1C	Homecoming Park Playground Replacement	300,000	FF	Parks and Trails Improvements
52		1C	Loma Vista Park Playground Replacement	300,000	FF	Parks and Trails Improvements
53		1C	Miwok Park Playground Replacement	200,000	FF	Parks and Trails Improvements
55		1C	Sunset Park Playground Replacement	300,000	FF	Parks and Trails Improvements
56		1C	Walnut Park Playground Replacement	300,000	FF	Parks and Trails Improvements
57		1C	Windsor Way Park Playground Replacement	150,000	FF	Parks and Trails Improvements
Level 1D Mandatory - Development						
108	37231	1D	Vineyards at Marsh Creek - Event Center/Amphitheater	7,200,000	FF	Community Facilities Improvements
Level 1E Mandatory - Consensus Priority						
62	56392	1E	Brentwood Boulevard Sewer and Water Main	3,400,000	PF	Water Improvements
30	31620	1E	Brentwood Boulevard Widening North - Phase I	6,700,000	PF	Roadway Improvements
94		1E	Brentwood Business Development Center	335,329	FF	Community Facilities Improvements
98		1E	Citywide Gateway Monuments "4-Corners"	786,383	FF	Community Facilities Improvements
84	59202	1E	Citywide Non-Potable Water Distribution System	5,000,000	FF	Wastewater Improvements
100	37245	1E	Community Build-Out Plan	500,000	FF	Community Facilities Improvements
64	56401	1E	Downtown Alley Rehabilitation - North Diablo Way	1,400,000	FF	Water Improvements
65		1E	Downtown Alley Rehabilitation - South Diablo Way	1,200,000	FF	Water Improvements
66		1E	Downtown Alley Rehabilitation - Future	4,400,000	FF	Water Improvements
102	37030	1E	Fire Station #53 (Shady Willow)	6,545,397	FF	Community Facilities Improvements
103	37241	1E	Library - New Construction	13,650,000	FF	Community Facilities Improvements
40		1E	Priority Area 1 Infrastructure Improvements	7,500,000	FF	Roadway Improvements
88		1E	Secondary Non-Potable Water Storage Facility	4,200,000	FF	Wastewater Improvements
105		1E	PEG Cable TV Access	843,000	FF	Community Facilities Improvements
109	37228	1E	Zoning Ordinance Update	400,000	FF	Community Facilities Improvements

Legend: FF = Fully Funded; PF = Partially Funded

Summary of Capital Improvement Projects by Priority (Continued)						
Page #	Project #	Priority	Project	Total Cost	Funding Status	Category
Level 2A Necessary - Development						
34	31640	2A	John Muir Parkway Extension/Foothill Drive - Phase I	5,603,757	PF	Roadway Improvements
Level 2B Necessary - Agency Assisted						
31	31694	2B	Brentwood Various Streets and Roads Preservation	1,869,000	FF	Roadway Improvements
32	31630	2B	Citywide Overhead Utility Replacement	300,000	FF	Roadway Improvements
Level 2C Necessary - Service Increase/Maintenance						
44		2C	Aquatic Complex Locker Rooms Remodeling	400,000	FF	Parks and Trails Improvements
45		2C	Aquatic Complex Mechanical Room Improvements	350,000	FF	Parks and Trails Improvements
46		2C	Aquatic Complex Pool Decking	400,000	FF	Parks and Trails Improvements
47		2C	Aquatic Complex Pool Plastering	350,000	FF	Parks and Trails Improvements
48		2C	Aquatic Complex Slide Replacement	300,000	FF	Parks and Trails Improvements
49		2C	Aquatic Complex Water Play Structures Replacement	300,000	FF	Parks and Trails Improvements
95	37237	2C	City Fiber Optic Connection	300,000	FF	Community Facilities Improvements
96	37248	2C	City Hall Automatic Transfer Switch	300,000	FF	Community Facilities Improvements
97	37226	2C	City Phone System Upgrade	400,000	FF	Community Facilities Improvements
33	31500	2C	Citywide Traffic Signal Interconnect Program	574,000	FF	Roadway Improvements
101	37197	2C	Development Services Software	450,000	FF	Community Facilities Improvements
85		2C	Highland Way Wastewater Upgrade	800,000	FF	Wastewater Improvements
86		2C	Lone Tree Way/Arroyo Seco Road Wastewater Upgrade	2,450,000	FF	Wastewater Improvements
67		2C	O'Hara Ave/Lone Tree Way Water Upgrade	590,000	FF	Water Improvements
69	56398	2C	Reservoir Painting and Recoating	1,974,259	FF	Water Improvements
70	56397	2C	Sensus AMR System Upgrade	2,870,000	FF	Water Improvements
54	52432	2C	Sunset Field Natural Turf Improvement	300,000	FF	Parks and Trails Improvements
54	37238	2C	Surveillance Camera and Storage System Upgrade	240,000	FF	Community Facilities Improvements
71	56320	2C	Underground Water System Corrosion Mitigation	300,000	FF	Water Improvements
72	56402	2C	Water and Wastewater SCADA System Upgrade	1,400,000	FF	Water Improvements
73	56399	2C	Water Storage Capacity at Los Vaqueros Reservoir	4,400,000	FF	Water Improvements
79		2C	Zone 2 Reduced Water Pressure Zone	319,000	FF	Water Improvements
Level 3A Desirable - Aesthetic Improvements						
99	37207	3A	Citywide Sign/Identification Program	130,000	FF	Community Facilities Improvements
107		3A	Veterans Park Gazebo	-	FF	Community Facilities Improvements

Legend: FF = Fully Funded; PF = Partially Funded

**Roadway Improvements
Expenditures by Project
Fiscal Years 2018/19 - 2022/23**

Page	Project #	Project	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
30	31620	Brentwood Boulevard Widening North - Phase I	\$ 130,524	\$ 314,350	\$ -	\$ 2,035,783	\$ 4,219,343	\$ -	\$ 6,700,000
31	31694	Brentwood Various Streets and Roads Preservation	5,000	211,000	1,653,000	-	-	-	1,869,000
32	31630	Citywide Overhead Utility Replacement	240,000	60,000	-	-	-	-	300,000
33	31500	Citywide Traffic Signal Interconnect Program	440,000	134,000	-	-	-	-	574,000
34	31640	John Muir Parkway Extension/Foothill Drive - Phase I	1,230,604	11,153	-	-	-	4,362,000	5,603,757
35	31683	John Muir Parkway Extension - Phase II	555,000	4,905,000	-	-	-	-	5,460,000
36	31340	Lone Tree Way - Union Pacific Undercrossing	2,817,001	762,465	6,856,747	5,540,000	5,540,000	5,541,000	27,057,213
37	30838	Pavement Management Program - 2018	780,000	803,177	-	-	-	-	1,583,177
38		Pavement Management Program - 2019	-	1,518,906	-	-	-	-	1,518,906
39		Pavement Management Program - Future	-	-	1,970,000	1,970,000	1,970,000	1,970,000	7,880,000
40		Priority Area 1 Infrastructure Improvements	<u>235,000</u>	<u>6,849,000</u>	<u>416,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>7,500,000</u>
		TOTAL	\$ 6,433,129	\$ 15,569,051	\$ 10,895,747	\$ 9,545,783	\$ 11,729,343	\$ 11,873,000	\$ 66,046,053

Roadway Improvements Summary

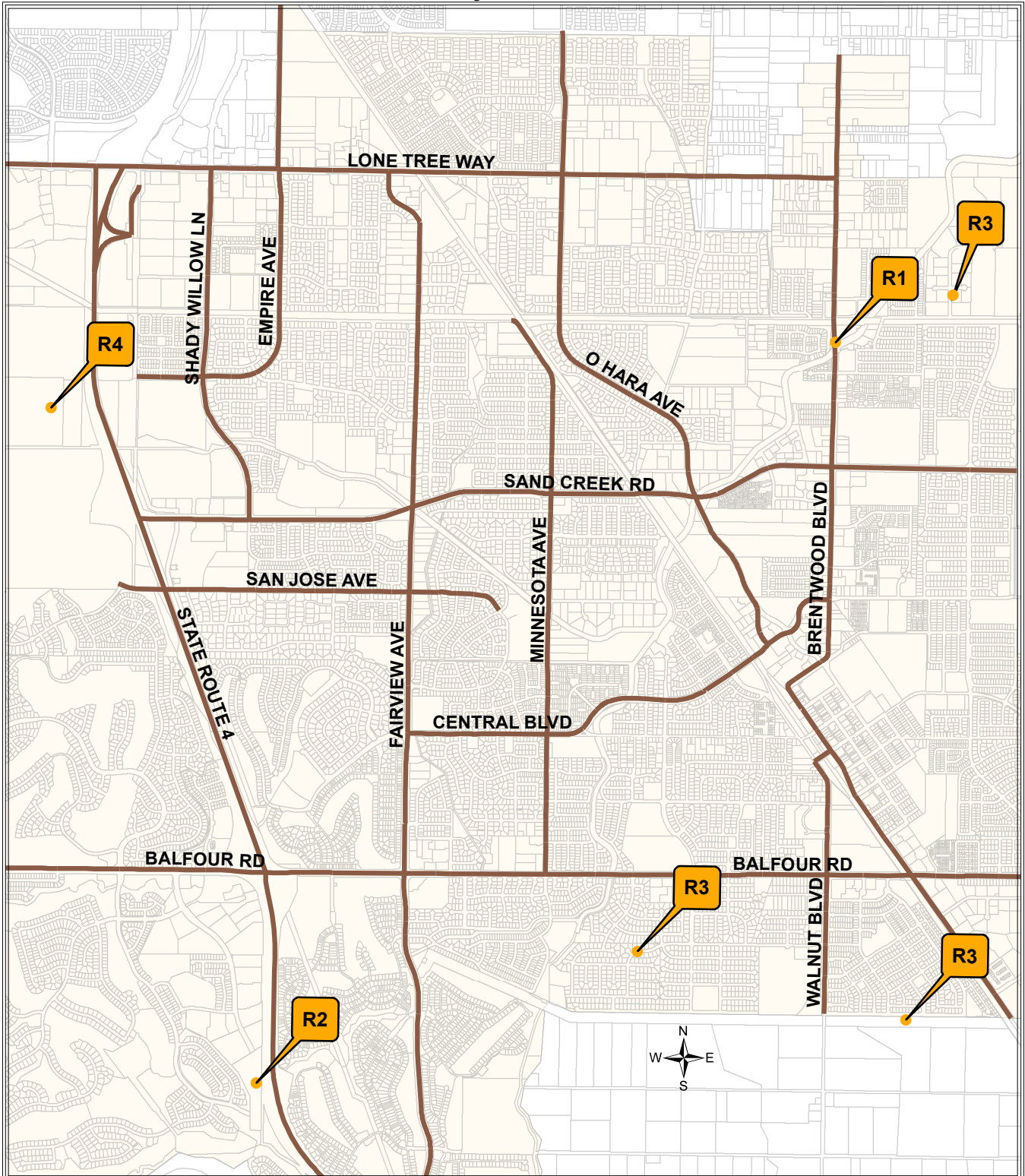
PROJECT FINANCING

Project Expenditures	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
Legal	313,685	63,668	5,000	25,000	5,000	60,000	\$ 472,353
Planning and Design	2,612,770	1,592,623	1,366,747	415,783	50,000	88,000	\$ 6,125,923
Construction	1,579,792	12,953,083	8,459,000	8,402,000	10,761,660	10,783,000	\$ 52,938,535
Project Administration	163,369	756,000	1,065,000	703,000	912,683	942,000	\$ 4,542,052
Land/ROW/Acquisitions	1,763,513	203,677	-	-	-	-	\$ 1,967,190
TOTAL	\$ 6,433,129	\$ 15,569,051	\$ 10,895,747	\$ 9,545,783	\$ 11,729,343	\$ 11,873,000	\$ 66,046,053

Project Funding	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
General Fund	240,000	590,000	-	-	-	-	-	\$ 830,000
Development Impact Fees	3,309,236	1,515,514	3,584,000	416,000	-	-	683,000	\$ 9,507,750
Enterprise	-	421,177	216,906	-	-	-	-	\$ 638,083
Federal/State Funding	735,540	-	735,000	1,653,000	-	-	-	\$ 3,123,540
Development Contributions	1,077,262	11,153	-	-	-	-	-	\$ 1,088,415
Replacement	-	-	-	-	-	-	-	\$ -
Other	1,071,091	6,099,301	2,396,000	1,970,000	1,970,000	1,970,000	1,970,000	\$ 17,446,392
Unfunded	-	-	-	6,856,747	7,575,783	9,759,343	9,220,000	\$ 33,411,873
TOTAL	\$ 6,433,129	\$ 8,637,145	\$ 6,931,906	\$ 10,895,747	\$ 9,545,783	\$ 11,729,343	\$ 11,873,000	\$ 66,046,053

ROADWAY IMPROVEMENTS

Various Projects for 2018/19



NO.	PROJECT TITLE	PROJECT NO.
R1	Brentwood Blvd Widening North - Phase I	336-31620
R2	John Muir Pkwy Extension - Phase II	336-31683
R3	Pavement Management Program (PMP) 2018	336-30838
R4	Priority Area 1 Infrastructure Improvements	



Project Title:

Project #:

Brentwood Boulevard Widening North - Phase I

336-31620



Project Category:	Roadway Improvements
Location:	Brentwood Boulevard from Havenwood Avenue to Homecoming Way
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$25,000
Public Art Requirement:	Applicable

Description/Justification:

This project will continue the widening of Brentwood Boulevard (120' right-of-way) with two lanes in each direction (approximately 1,400') and will include: two bike lanes; curbs; gutters; medians; sidewalk on east side; street lights and landscaping on each side of the roadway. This project will also include a new parallel bridge over Marsh Creek, traffic signal modification at Brentwood Boulevard and Grant Street and moving the overhead power lines, telephone lines and cable lines underground. This project will improve safety, traffic flow and facilitate adjacent development.

Supplemental Information:

Brentwood Boulevard Widening North is broken up into three phases. Phase 1 is from Havenwood Avenue to Homecoming Way, including a new parallel bridge over Marsh Creek. The Roadway Development Impact Fees are utilized for preliminary feasibility, bridge and environmental studies. The former Redevelopment Agency has allocated \$44,874 for this project. The City will be pursuing alternate funding sources through either grants or issuance of bonds.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal		10,000		20,000			\$ 30,000	
90040	Planning and Design	105,000	129,217		365,783			\$ 600,000	
90050	Construction	340			1,500,000	3,859,660		\$ 5,360,000	
90070	Project Administration	10,317	20,000		150,000	359,683		\$ 540,000	
90100	Land/ROW/Acquisitions	14,867	155,133					\$ 170,000	
TOTAL		\$ 130,524	\$ 314,350		\$ 2,035,783	\$ 4,219,343		\$ 6,700,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47251	Development Impact Fees	85,650	314,350						\$ 400,000
	Redevelopment	44,874							\$ 44,874
	Unfunded					2,035,783	4,219,343		\$ 6,255,126
TOTAL		\$ 130,524	\$ 314,350			\$ 2,035,783	\$ 4,219,343		\$ 6,700,000

Project Title:

Project #:

Brentwood Various Streets and Roads Preservation

336-31694



Project Category:	Roadway Improvements
Location:	Balfour Road from Minnesota Avenue to Fairview Avenue and from East Country Club Drive to the Western City Limits; Lone Tree Way from Brentwood Blvd to Medallion Drive, excluding the portion located in unincorporated Contra Costa County.
Project Manager:	J. Samuelson
Project Priority:	2B - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will provide pavement rehabilitation and preventative maintenance on arterial roadway segments in the City. Treatments will include grind and overlay, spot repairs, and slurry seals/crack seals. These pavement rehabilitation activities will require removal and replacement of ADA ramps to ensure compliance with current accessibility requirements. New traffic signal detection and striping will also be required where the existing assets are removed.

Supplemental Information:

This project is contingent on receiving grant funds from the Metropolitan Transportation Commission One Bay Area Grant 2. The required project match will come from Measure J funds which can be used for local street and road preservation.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design	5,000	151,000					\$ 156,000	
90050 Construction			1,557,000				\$ 1,557,000	
90070 Project Administration		60,000	96,000				\$ 156,000	
TOTAL	\$ 5,000	\$ 211,000	\$ 1,653,000				\$ 1,869,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47217 Federal/State Funding				1,653,000				\$ 1,653,000
47293 Measure J	5,000	13,000	198,000					\$ 216,000
TOTAL	\$ 5,000	\$ 13,000	\$ 198,000	\$ 1,653,000				\$ 1,869,000

Project Title:

Project #:

Citywide Overhead Utility Replacement

336-31630



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	2B - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$500
Public Art Requirement:	Exempt

Description/Justification:

This project moves overhead utilities underground, along portions of major streets and will convert adjacent properties from overhead to underground service connections where necessary. Fairview Avenue, from 500' north of Summerwood Drive to Sand Creek Road, has been identified as the top priority for the next utility conversion and an Underground Utility District has been formed through an ordinance by the City Council and confirmed by PG&E. Phase I includes Fairview Avenue from Sand Creek Road to San Jose Avenue. This project will aesthetically enhance portions of Fairview Avenue.

Supplemental Information:

PG&E will fund and construct this project with approximately \$1,500,000 of Rule 20A funds. The design and construction of City owned streetlights within the project area and City project administration will be funded by the General Fund. PG&E started the design of Phase I, Fairview Avenue from San Jose Avenue to Sand Creek Road, in November 2015 and is currently under construction.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	20,000						\$ 20,000	
90050	Construction	200,000	60,000					\$ 260,000	
90070	Project Administration	20,000						\$ 20,000	
TOTAL		\$ 240,000	\$ 60,000					\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47100	General Fund	240,000	60,000						\$ 300,000
TOTAL		\$ 240,000	\$ 60,000						\$ 300,000

Project Title:

Project #:

Citywide Traffic Signal Interconnect Program

336-31500



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	S. Kersevan
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$1,000
Public Art Requirement:	Exempt

Description/Justification:

Install and connect missing links of interconnect conduit, cables and pull boxes, plus install a wireless communication system along roadways to improve signal coordination. This signal coordination will improve traffic flow during morning and evening peak hours.

Supplemental Information:

In previous years, this project has installed the necessary interconnect equipment on Sand Creek Road and Balfour Road. The Citywide Interconnect Master Plan has been completed and includes recommendations and prioritizations for completion of the missing links. Next phases include completing missing links to additional signals and installation of both software and hardware at the new traffic control center and within each traffic signal cabinet.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal		1,000					\$ 1,000	
90040	Planning and Design	104,000	26,000					\$ 130,000	
90050	Construction	333,000	96,000					\$ 429,000	
90070	Project Administration	3,000	11,000					\$ 14,000	
TOTAL		\$ 440,000	\$ 134,000					\$ 574,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47251	Development Impact Fees	440,000	134,000						\$ 574,000
TOTAL		\$ 440,000	\$ 134,000						\$ 574,000

Project Title:

Project #:

John Muir Parkway Extension/Foothill Drive - Phase I

336-31640



Project Category:	Roadway Improvements
Location:	John Muir Parkway, west of Concord Avenue, from Ventura Drive to Foothill Drive and connect Foothill Drive to new John Muir Parkway
Project Manager:	J. Samuelson
Project Priority:	2A - Necessary
Project Phase:	Design
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$56,000
Public Art Requirement:	Exempt

Description/Justification:

Construct 2,000' of road including: a 16' median; two 12' lanes; 12" water main; 24" storm drain; 8" sewer main; 12" non-potable water main; median landscaping; street lights and extend Foothill Drive approximately 600' to John Muir Parkway. This section of roadway will replace the existing Concord Avenue which was displaced by State Route 4. The relocation of the existing Concord Avenue is necessary to ensure continued traffic circulation in the area. It will provide north/south traffic circulation, access to surrounding properties and connect to the terminus of existing Foothill Drive.

Supplemental Information:

The City funded portion comes from Roadway Development Impact fees of \$683,000 and other funding from a \$4,000 vendor reimbursement and \$2,217 interest income. The State funding consists of \$735,540 from Proposition 1B funds. CalSun deposited \$500,000 to pay their fair share of roadway costs for the Foothill Drive extension. The City will only move forward with this project when the adjacent landowners develop their properties.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
70239	Legal	263,685					55,000	\$ 318,685
90040	Planning and Design	368,770	11,153				38,000	\$ 417,923
90050	Construction	261,452					3,881,000	\$ 4,142,452
90070	Project Administration	53,051					388,000	\$ 441,051
90100	Land/ROW/Acquisitions	283,646						\$ 283,646
TOTAL		\$ 1,230,604	\$ 11,153				\$ 4,362,000	\$ 5,603,757

PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47251	Development Impact Fees							683,000	\$ 683,000
47217	Federal/State Funding	735,540							\$ 735,540
46715	Development Contributions	488,847	11,153						\$ 500,000
	Other	6,217							\$ 6,217
	Unfunded							3,679,000	\$ 3,679,000
TOTAL		\$ 1,230,604	\$ 11,153					\$ 4,362,000	\$ 5,603,757

Project Title:

Project #:

John Muir Parkway Extension - Phase II

336-31683



Project Category:	Roadway Improvements
Location:	John Muir Parkway from the future Foothill Drive intersection with Concord Avenue to Briones Valley Road
Project Manager:	J. Samuelson
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$56,000
Public Art Requirement:	Exempt

Description/Justification:

Construct approximately 1,600' of road including a 16' median; two 12' lanes; 12" water main; median landscaping; street lights; 24" storm drain and 8" non-potable water main. This section of roadway will replace existing Concord Avenue to ensure continued traffic circulation in the area. The majority of this project cost is the responsibility of ECCRFFA, as part of the State Route 4 Bypass Segment 3 improvements.

Supplemental Information:

Per an agreement with ECCRFFA, the City will initially loan ECCRFFA funds and they will reimburse the City the actual costs of the project in an amount not to exceed \$3,535,301. City funding will come from the following Development Impact Fees: Water - \$190,000, Wastewater - \$155,000 and Roadways - \$514,699. \$330,000 of General Fund funding is for the Harvest Park Basin improvements. In FY 2018/19 \$735,000 will come from the Federal Highway Administration Earmark Fund. This is a multi-year project.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal	5,000	5,000					\$ 10,000	
90040	Planning and Design	500,000						\$ 500,000	
90050	Construction	20,000	4,505,000					\$ 4,525,000	
90070	Project Administration	30,000	395,000					\$ 425,000	
TOTAL		\$ 555,000	\$ 4,905,000					\$ 5,460,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47100	General Fund		330,000						\$ 330,000
47 - Var	Development Impact Fees	555,000	304,699						\$ 859,699
47217	Federal/State Funding			735,000					\$ 735,000
	ECCRFFA		3,145,301	390,000					\$ 3,535,301
TOTAL		\$ 555,000	\$ 3,780,000	\$ 1,125,000					\$ 5,460,000

Project Title:

Project #:

Lone Tree Way - Union Pacific Undercrossing

336-31340



Project Category:	Roadway Improvements
Location:	Lone Tree Way and Union Pacific Railroad at-grade crossing
Project Manager:	J. Samuelson
Project Priority:	1B - Mandatory
Project Phase:	Design
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$130,000
Public Art Requirement:	Applicable

Description/Justification:

This project will construct a grade separation underpass consisting of four travel lanes crossing under the Union Pacific Railroad. This project entails: constructing a bridge structure; relocation of numerous existing wet and dry utilities; high pressure gas lines; storm water pump station; retaining walls and landscaped parkway. This project will increase public safety by creating a grade separation crossing of the Union Pacific Railroad, instead of the present at-grade crossing, and is a Public Utility Commission requirement for the allowance of an at-grade crossing at Sand Creek Road.

Supplemental Information:

Pulte Homes has reimbursed the City \$588,415 for their portion of the roadway improvements as a condition of their Rose Garden development. City staff is currently seeking grant funding opportunities to fund the design and construction of this project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
70239	Legal	25,000	17,668	5,000	5,000	5,000	5,000	\$ 62,668
90040	Planning and Design	1,260,000	696,253	1,316,747				\$ 3,273,000
90050	Construction	65,000		5,032,000	5,032,000	5,032,000	5,032,000	\$ 20,193,000
90070	Project Administration	17,001		503,000	503,000	503,000	504,000	\$ 2,030,001
90100	Land/ROW/Acquisitions	1,450,000	48,544					\$ 1,498,544
TOTAL		\$ 2,817,001	\$ 762,465	\$ 6,856,747	\$ 5,540,000	\$ 5,540,000	\$ 5,541,000	\$ 27,057,213

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47251	Development Impact Fees	2,228,586	762,465					\$ 2,991,051
4675	Development Contributions	588,415						\$ 588,415
	Unfunded			6,856,747	5,540,000	5,540,000	5,541,000	\$ 23,477,747
TOTAL		\$ 2,817,001	\$ 762,465	\$ 6,856,747	\$ 5,540,000	\$ 5,540,000	\$ 5,541,000	\$ 27,057,213

Project Title:

Project #:

Pavement Management Program - 2018

336-30838



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will consist of pavement condition surveying of roadways every two years and then reconstructing, overlaying, surface sealing and crack sealing various roads each year as needed. The City's pavement management software selects those streets on which it is the most cost effective to perform preventative maintenance with field verification by staff. Constructing roadways is a significant investment for the City. Preventative maintenance is the best means for keeping this large investment in good, operable condition and avoids costly reconstruction.

Supplemental Information:

PMP - 2018 will slurry seal and/or grind and overlay various roads in the City. This project is funded by Measure J, the General Fund and Solid Waste Enterprise through the Solid Waste Vehicle Impact Fee. Dependent upon availability of funding, anticipated project areas for 2018 include; Elkins Way from Sunset Road to East End, Armstrong Road from Walnut Boulevard to East End, the Crescent Drive neighborhood located just east of Fairview Avenue and south of Balfour Road, Sycamore Avenue from Brentwood Boulevard to Garin Parkway, and Fairview Avenue from Highway 4 to Balfour Road.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	50,000						\$ 50,000	
90050	Construction	700,000	783,177					\$ 1,483,177	
90070	Project Administration	30,000	20,000					\$ 50,000	
TOTAL		\$ 780,000	\$ 803,177					\$ 1,583,177	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47100	General Fund		200,000						\$ 200,000
48540	Enterprise		421,177						\$ 421,177
47293	Measure J	780,000	182,000						\$ 962,000
TOTAL		\$ 780,000	\$ 803,177						\$ 1,583,177

Project Title:

Project #:

Pavement Management Program - 2019



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	New
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will consist of pavement condition surveying of roadways every two years and then reconstructing, overlaying, surface sealing and crack sealing various roads each year as needed. The City's pavement management software selects those streets on which it is the most cost effective to perform preventative maintenance with field verification by staff. Constructing roadways is a significant investment for the City. Preventative maintenance is the best means for keeping this large investment in good, operable condition and avoids costly reconstruction. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project is funded by Measure J, RMRA and the Solid Waste Enterprise through the Solid Waste Vehicle Impact Fee. PMP - 2019 will slurry seal and grind and overlay various roads in the City. The City is in the process of selecting project areas for 2019 pending evaluation of the roadway inspection analysis and site visits to potential project locations.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design		50,000					\$ 50,000	
90050	Construction		1,418,906					\$ 1,418,906	
90070	Project Administration		50,000					\$ 50,000	
TOTAL			\$ 1,518,906					\$ 1,518,906	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
48540	Enterprise			216,906					\$ 216,906
47293	Measure J			762,000					\$ 762,000
47209	RMRA			540,000					\$ 540,000
TOTAL				\$ 1,518,906					\$ 1,518,906

Project Title:

Project #:

Pavement Management Program - Future



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will consist of pavement condition surveying of roadways every two years and then reconstructing, overlaying, surface sealing and crack sealing various roads each year as needed. The City's pavement management software selects those streets on which it is the most cost effective to perform preventative maintenance with field verification by staff. Constructing roadways is a significant investment for the City. Preventative maintenance is the best means for keeping this large investment in good, operable condition and avoids costly reconstruction. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project is funded by Measure J and RMRA. Staff actively pursues State and Federal funding for roadway improvements, when possible. Roads identified may require the following treatments: grind and asphalt overlay, cape sealing, slurry sealing, crack sealing and concrete curb and gutter repairs.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design			50,000	50,000	50,000	50,000	\$ 200,000	
90050	Construction			1,870,000	1,870,000	1,870,000	1,870,000	\$ 7,480,000	
90070	Project Administration			50,000	50,000	50,000	50,000	\$ 200,000	
TOTAL				\$ 1,970,000	\$ 1,970,000	\$ 1,970,000	\$ 1,970,000	\$ 7,880,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47293	Measure J				970,000	970,000	970,000	970,000	\$ 3,880,000
47209	RMRA				1,000,000	1,000,000	1,000,000	1,000,000	\$ 4,000,000
TOTAL					\$ 1,970,000	\$ 1,970,000	\$ 1,970,000	\$ 1,970,000	\$ 7,880,000

Project Title:

Project #:

Priority Area 1 Infrastructure Improvements



Project Category:	Roadway Improvements
Location:	Heidorn Ranch Road from East Bay Municipal Utility District (EBMUD) Aqueduct to the future Sand Creek Road Extension west of State Route 4
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$30,000
Public Art Requirement:	Exempt

Description/Justification:

This project will replace existing Heidorn Ranch Road with a new roadway consisting of a two lane arterial street section, for approximately 3,700'. Improvements consist of two 12' lanes with curbs, 12" water line, gas line, bike lane; 6' meandering sidewalk, and street lights. Other improvements include the extension of the 12" water line and 12" sewer line on Empire Avenue under Highway 4 using existing sleeves, construction of a 12" non-potable water line from Empire Avenue under Highway 4 and storm drain improvements. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project will help facilitate the development of Priority Area 1.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal	20,000	30,000					\$ 50,000	
90040	Planning and Design	200,000	529,000					\$ 729,000	
90050	Construction		6,090,000					\$ 6,090,000	
90070	Project Administration		200,000	416,000				\$ 616,000	
90100	Land/ROW/Acquisitions	15,000						\$ 15,000	
TOTAL		\$ 235,000	\$ 6,849,000	\$ 416,000				\$ 7,500,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47251	Development Impact Fees			3,584,000	416,000				\$ 4,000,000
47392	Capital Infrastructure	235,000	2,759,000	506,000					\$ 3,500,000
TOTAL		\$ 235,000	\$ 2,759,000	\$ 4,090,000	\$ 416,000				\$ 7,500,000

Parks and Trails Improvements
Expenditures by Project
Fiscal Years 2018/19 - 2022/23

Page	Project #	Project	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
44		Aquatic Complex Locker Rooms Remodeling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
45		Aquatic Complex Mechanical Room Improvements	-	350,000	-	-	-	-	350,000
46		Aquatic Complex Pool Decking	-	-	400,000	-	-	-	400,000
47		Aquatic Complex Pool Plastering	-	350,000	-	-	-	-	350,000
48		Aquatic Complex Slide Replacement	-	-	-	300,000	-	-	300,000
49		Aquatic Complex Water Play Structures Replacement	-	-	-	300,000	-	-	300,000
50		CCWD Trail	-	-	-	-	161,283	-	161,283
51		Homecoming Park Playground Replacement	-	-	-	300,000	-	-	300,000
52		Loma Vista Park Playground Replacement	-	300,000	-	-	-	-	300,000
53		Miwok Park Playground Replacement	-	-	-	-	200,000	-	200,000
54	52432	Sunset Field Natural Turf Improvement	-	-	300,000	-	-	-	300,000
55		Sunset Park Playground Replacement	-	-	300,000	-	-	-	300,000
56		Walnut Park Playground Replacement	-	-	-	-	-	300,000	300,000
57		Windsor Way Park Playground Replacement	-	-	-	-	150,000	-	150,000
TOTAL			\$ -	\$ 1,000,000	\$ 1,000,000	\$ 900,000	\$ 511,283	\$ 700,000	\$ 4,111,283

Parks and Trails Improvements Summary

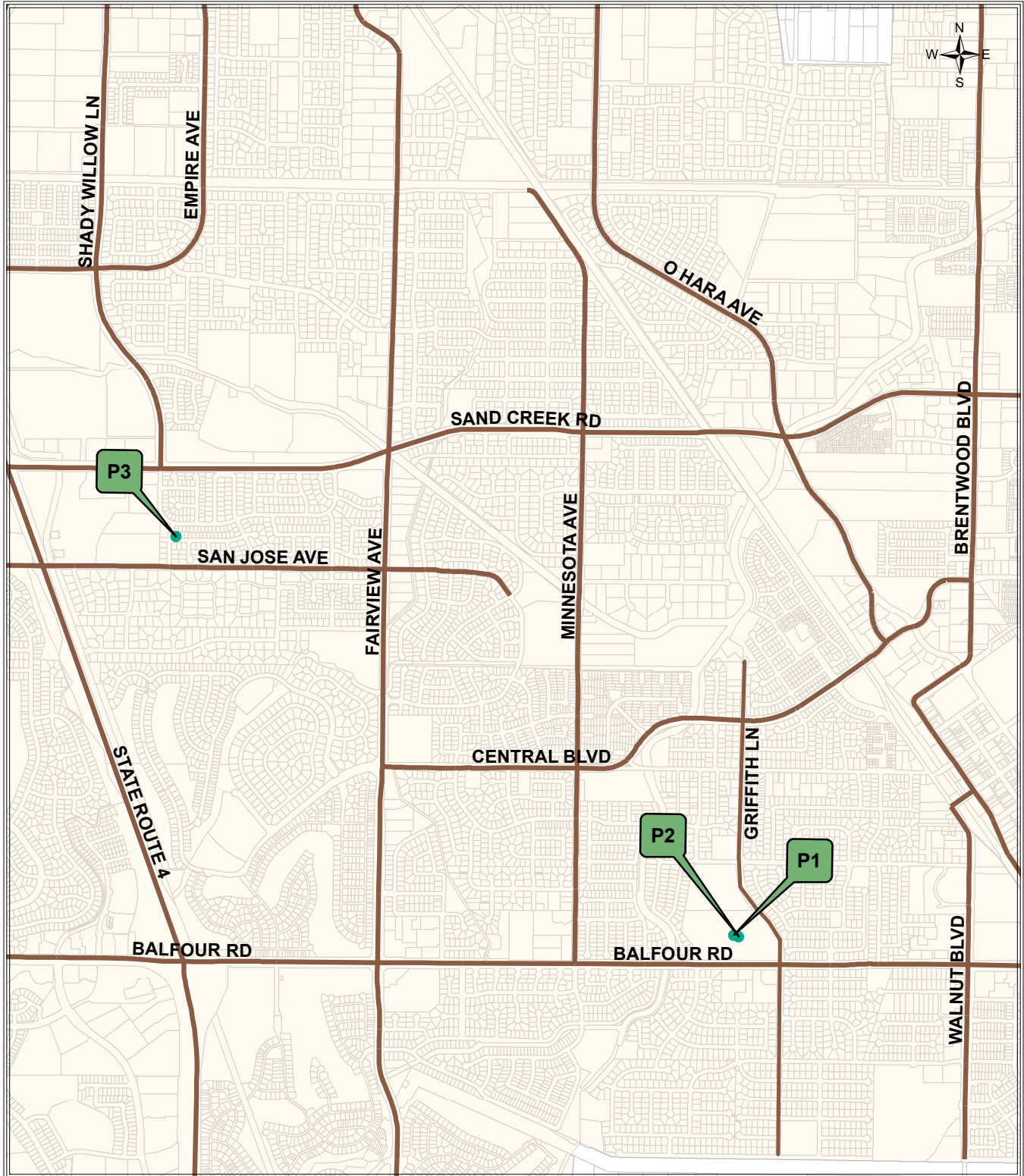
PROJECT FINANCING

Project Expenditures	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
Legal	-	-	-	-	-	-	\$ -
Planning and Design	-	-	-	-	161,283	-	\$ 161,283
Construction	-	1,000,000	1,000,000	900,000	350,000	700,000	\$ 3,950,000
Project Administration	-	-	-	-	-	-	\$ -
Land/ROW/Acquisitions	-	-	-	-	-	-	\$ -
TOTAL	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 900,000	\$ 511,283	\$ 700,000	\$ 4,111,283

Project Funding	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
General Fund	-	-	-	-	-	-	-	\$ -
Development Impact Fees	-	-	-	-	-	161,283	-	\$ 161,283
Enterprise	-	-	-	-	-	-	-	\$ -
Federal/State Funding	-	-	-	-	-	-	-	\$ -
Development Contributions	-	-	-	-	-	-	-	\$ -
Replacement	-	-	1,000,000	1,000,000	900,000	350,000	700,000	\$ 3,950,000
Other	-	-	-	-	-	-	-	\$ -
Unfunded	-	-	-	-	-	-	-	\$ -
TOTAL	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 900,000	\$ 511,283	\$ 700,000	\$ 4,111,283

PARKS AND TRAILS IMPROVEMENTS

Various Projects for 2018/19



NO.	PROJECT TITLE	PROJECT NO.
P1	Aquatic Complex Mechanical Room Improvements	
P2	Aquatic Complex Pool Plastering	
P3	Loma Vista Park Playground Replacement	



Project Title:

Project #:

Aquatic Complex Locker Rooms Remodeling



Project Category:	Parks and Trails Improvements
Location:	195 Griffith Lane
Project Manager:	M. Azamey
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Remodel both male and female locker rooms at the BFAC. The locker rooms were constructed in 1999.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction						400,000	\$ 400,000	
TOTAL							\$ 400,000	\$ 400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47704	Replacement - Facilities							400,000	\$ 400,000
TOTAL								\$ 400,000	\$ 400,000

Project Title:

Project #:

Aquatic Complex Mechanical Room Improvements



Project Category:	Parks and Trails Improvements
Location:	195 Griffith Lane
Project Manager:	M. Azamey
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The platform in the mechanical room at the BFAC houses the filters for the recreation and slide pool. The platform needs to be relocated to another area in the mechanical room. The corrugated metal on the platform has rusted in several locations and the main support beam is bowing. A temporary metal beam has been added to support the current structure until the relocation can be completed.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction		350,000					\$ 350,000	
TOTAL			\$ 350,000					\$ 350,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD			350,000					\$ 350,000
TOTAL				\$ 350,000					\$ 350,000

Project Title:

Project #:

Aquatic Complex Pool Decking



Project Category:	Parks and Trails Improvements
Location:	195 Griffith Lane
Project Manager:	M. Azamey
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The concrete decking at the BFAC was constructed in 1999. The concrete is uneven in some areas of the deck. Ongoing concrete patching is performed by city maintenance staff to address the uneven areas. Replacement of the pool decking is necessary to maintain the facility.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction			400,000				\$ 400,000	
TOTAL				\$ 400,000				\$ 400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD				400,000				\$ 400,000
TOTAL					\$ 400,000				\$ 400,000

Project Title:

Project #:

Aquatic Complex Pool Plastering



Project Category:	Parks and Trails Improvements
Location:	195 Griffith Lane
Project Manager:	M. Azamey
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The three pools at the BFAC were constructed in 1999. Plastering the three pools is necessary to maintain the facility.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction		350,000					\$ 350,000	
TOTAL			\$ 350,000					\$ 350,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD			350,000					\$ 350,000
TOTAL				\$ 350,000					\$ 350,000

Project Title:

Project #:

Aquatic Complex Slide Replacement



Project Category:	Parks and Trails Improvements
Location:	195 Griffith Lane
Project Manager:	M. Azamey
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace both slides for the Amusement Ride Pool at the BFAC to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Replacement parts can become unavailable and may create a situation where the play structures no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The water play equipment, including both slides, were constructed in 1999.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction				300,000			\$ 300,000	
TOTAL					\$ 300,000			\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD					300,000			\$ 300,000
TOTAL						\$ 300,000			\$ 300,000

Project Title:

Project #:

Aquatic Complex Water Play Structure Replacement



Project Category:	Parks and Trails Improvements
Location:	195 Griffith Lane
Project Manager:	M. Azamey
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace water play equipment in the BFAC Zero Entry Pool to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Replacement parts can become unavailable and may create a situation where the play structures no longer meet either the current Consumer Product Safety Commission guidelines on safety, or the current ADA guidelines. The water play equipment at BFAC was constructed in 1999.

Supplemental Information:

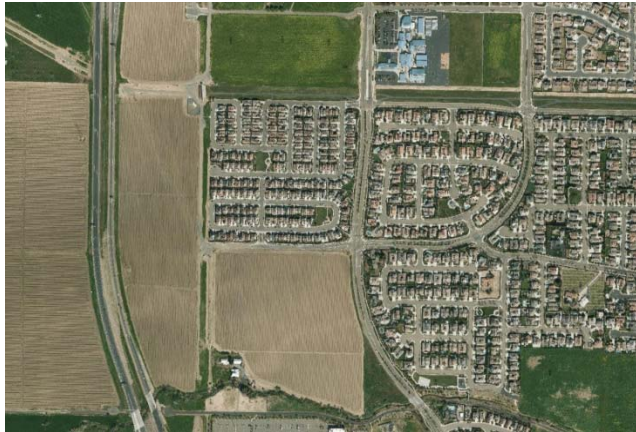
None

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction				300,000			\$ 300,000	
TOTAL					\$ 300,000			\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD					300,000			\$ 300,000
TOTAL						\$ 300,000			\$ 300,000

Project Title:

Project #:

CCWD Trail



Project Category:	Parks and Trails Improvements
Location:	Parallel to State Route 4 between Empire Avenue and Grant Street
Project Manager:	J. Coll
Project Priority:	1C - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$500
Public Art Requirement:	Exempt

Description/Justification:

This project will provide safe, off-street trail access to schools for children and provide non-motorized transportation connections in the community on the Contra Costa Water District (CCWD) trail. The completion of this trail is necessary to carry out the Parks, Trails and Recreation Master Plan to connect subdivisions, parks, schools and amenities throughout the community.

Supplemental Information:

Discovery Builders was required, through the conditions of approval, to develop this trail as part of the Brighton Station Project. Discovery Builders was unable to secure right of entry from the adjacent property owner to build the trail; therefore, they have paid the City \$161,283, the equivalent of the construction costs for the trail. The City will be responsible for building the trail. The development contribution is currently being held in the Parks and Trails Development Impact Fee Fund.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design					161,283		\$ 161,283	
TOTAL						\$ 161,283		\$ 161,283	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47252	Development Impact Fees						161,283		\$ 161,283
TOTAL							\$ 161,283		\$ 161,283

Project Title:

Project #:

Homecoming Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Homecoming Way and McHenry Way
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	New
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace play equipment in Homecoming Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement play equipment parts can become unavailable and may create a situation where the playgrounds no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The play equipment at Homecoming Park was constructed in 1999.

Supplemental Information:

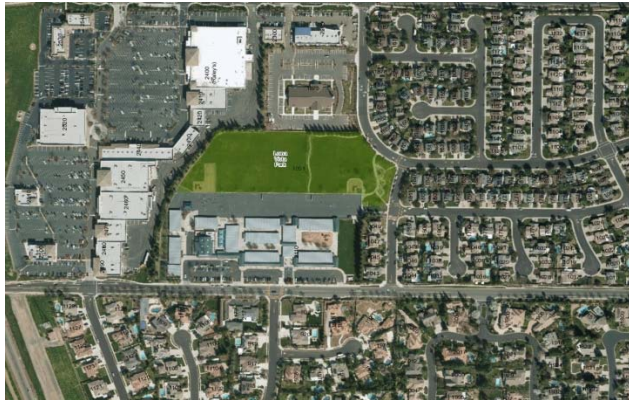
The City's goal is to bring older parks' play equipment up to current requirements and standards. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction				300,000			\$ 300,000	
TOTAL					\$ 300,000			\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD					300,000			\$ 300,000
TOTAL						\$ 300,000			\$ 300,000

Project Title:

Project #:

Loma Vista Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Highland Way and Meadowgate Way
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace play equipment in Loma Vista Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement play equipment parts can become unavailable and may create a situation where the playgrounds no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The play equipment at Loma Vista Park was constructed in 2000.

Supplemental Information:

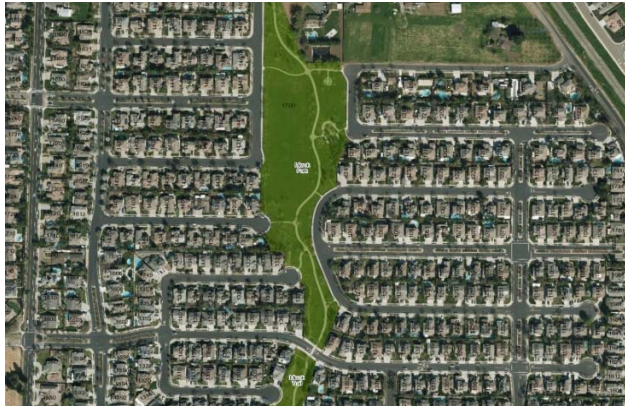
The City's goal is to bring older parks' play equipment up to current requirements and standards. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction		300,000					\$ 300,000	
TOTAL			\$ 300,000					\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD			300,000					\$ 300,000
TOTAL				\$ 300,000					\$ 300,000

Project Title:

Project #:

Miwok Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Regal Drive and Cambrian Place
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace play equipment in Miwok Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement play equipment parts can become unavailable and may create a situation where the playgrounds no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The play equipment at Miwok Park was constructed in 2001.

Supplemental Information:

The City's goal is to bring older park play equipment up to current requirements and standards. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction					200,000		\$ 200,000	
TOTAL						\$ 200,000		\$ 200,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD						200,000		\$ 200,000
TOTAL							\$ 200,000		\$ 200,000

Project Title:

Project #:

Sunset Field Natural Turf Improvement

352-52432



Project Category:	Parks and Trails Improvements
Location:	Sunset Road and Garin Parkway
Project Manager:	B. Johnson
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will convert the natural turf at Sunset Park soccer fields A, B and C from the existing Fescue/Rye blended turf, to a Hybrid Bermuda turf. The entire project will consist of removing all existing turf in the playing areas of fields A, B and C, leveling of the fields, adding and rototilling in soil amendments, prep work and irrigation adjustments followed by the installation of new Hybrid Bermuda sod. The current Fescue/Rye blended turf at soccer fields A, B and C is not withstanding the amount of player use and is resulting in deteriorated fields at a premature time. The Hybrid Bermuda turf is much stronger and can recover from high use much faster than the current turf.

Supplemental Information:

The goal for this project is to get soccer fields A, B and C at Sunset Park converted to a turf that is more practical for the high use it receives annually.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction			300,000				\$ 300,000	
TOTAL				\$ 300,000				\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD				300,000				\$ 300,000
TOTAL					\$ 300,000				\$ 300,000

Project Title:

Project #:

Sunset Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Sunset Road and Garin Parkway
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace play equipment in Sunset Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement play equipment parts can become unavailable and may create a situation where the playgrounds no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The play equipment at Sunset Park was constructed in 2005.

Supplemental Information:

The City's goal is to bring older parks' play equipment up to current requirements and standards. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction			300,000				\$ 300,000	
TOTAL				\$ 300,000				\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD				300,000				\$ 300,000
TOTAL					\$ 300,000				\$ 300,000

Project Title:

Project #:

Walnut Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Carnegie Lane and Hudson Drive
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	New
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace play equipment in Walnut Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement play equipment parts can become unavailable and may create a situation where the playgrounds no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The play equipment at Walnut Park was constructed in 2000.

Supplemental Information:

The City's goal is to bring older parks' play equipment up to current requirements and standards. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction						300,000	\$ 300,000	
TOTAL							\$ 300,000	\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD							300,000	\$ 300,000
TOTAL								\$ 300,000	\$ 300,000

Project Title:

Project #:

Windsor Way Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Windsor Way
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

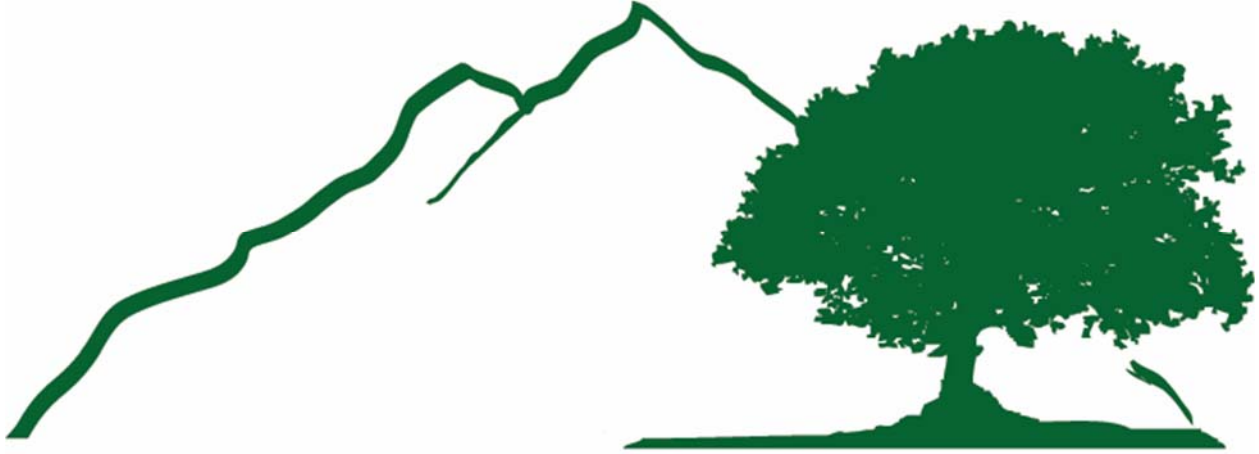
Description/Justification:

Replace play equipment in Windsor Way Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement play equipment parts can become unavailable and may create a situation where the playgrounds no longer meet either the current Consumer Product Safety Commission guidelines on safety or the current ADA guidelines. The play equipment at Windsor Way Park was constructed in 1999.

Supplemental Information:

The City's goal is to bring older parks' play equipment up to current requirements and standards. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction					150,000		\$ 150,000	
TOTAL						\$ 150,000		\$ 150,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD						150,000		\$ 150,000
TOTAL							\$ 150,000		\$ 150,000



This page intentionally left blank.

**Water Improvements
Expenditures by Project
Fiscal Years 2018/19 - 2022/23**

Page	Project #	Project	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
62	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,700,000	\$ 1,550,000	\$ 3,400,000
63	56400	Canal Replacement Cost Share	555,640	1,738,695	-	-	-	-	2,294,335
64	56401	Downtown Alley Rehabilitation - North Diablo Way	700,000	700,000	-	-	-	-	1,400,000
65		Downtown Alley Rehabilitation - South Diablo Way	-	1,200,000	-	-	-	-	1,200,000
66		Downtown Alley Rehabilitation - Future	-	-	1,200,000	1,200,000	1,300,000	700,000	4,400,000
67		O'Hara Ave/Lone Tree Way Water Upgrade	-	-	590,000	-	-	-	590,000
68	56396	Purchase of Capacity Rights	6,682,480	1,670,620	-	-	-	-	8,353,100
69	56398	Reservoir Painting and Recoating	282,979	422,820	422,820	422,820	422,820	-	1,974,259
70	56397	Sensus AMR System Upgrade	500,000	-	2,370,000	-	-	-	2,870,000
71	56320	Underground Water System Corrosion Mitigation	135,000	165,000	-	-	-	-	300,000
72	56402	Water and Wastewater SCADA System Upgrade	950,000	450,000	-	-	-	-	1,400,000
73	56399	Water Storage Capacity at Los Vaqueros Reservoir	200,000	200,000	1,000,000	1,000,000	1,000,000	1,000,000	4,400,000
74	56403	Water Treatment Plant Chemical Storage Tank Relining	178,000	117,000	382,000	-	-	-	677,000
75		Water Treatment Plant Distributed Control System Upgrade	-	372,000	500,000	-	-	-	872,000
76	56404	Water Treatment Plant Filter Media Replacement	561,000	457,000	-	-	-	-	1,018,000
77		Water Treatment Plant Master Plan	-	100,000	15,000	50,000	268,000	278,000	711,000
78		Water Treatment Plant Security Improvements	-	-	-	153,000	219,000	-	372,000
79		Zone 2 Reduced Water Pressure Zone	-	-	319,000	-	-	-	319,000
TOTAL			\$ 10,745,099	\$ 7,593,135	\$ 6,798,820	\$ 2,975,820	\$ 4,909,820	\$ 3,528,000	\$ 36,550,694

Water Improvements Summary

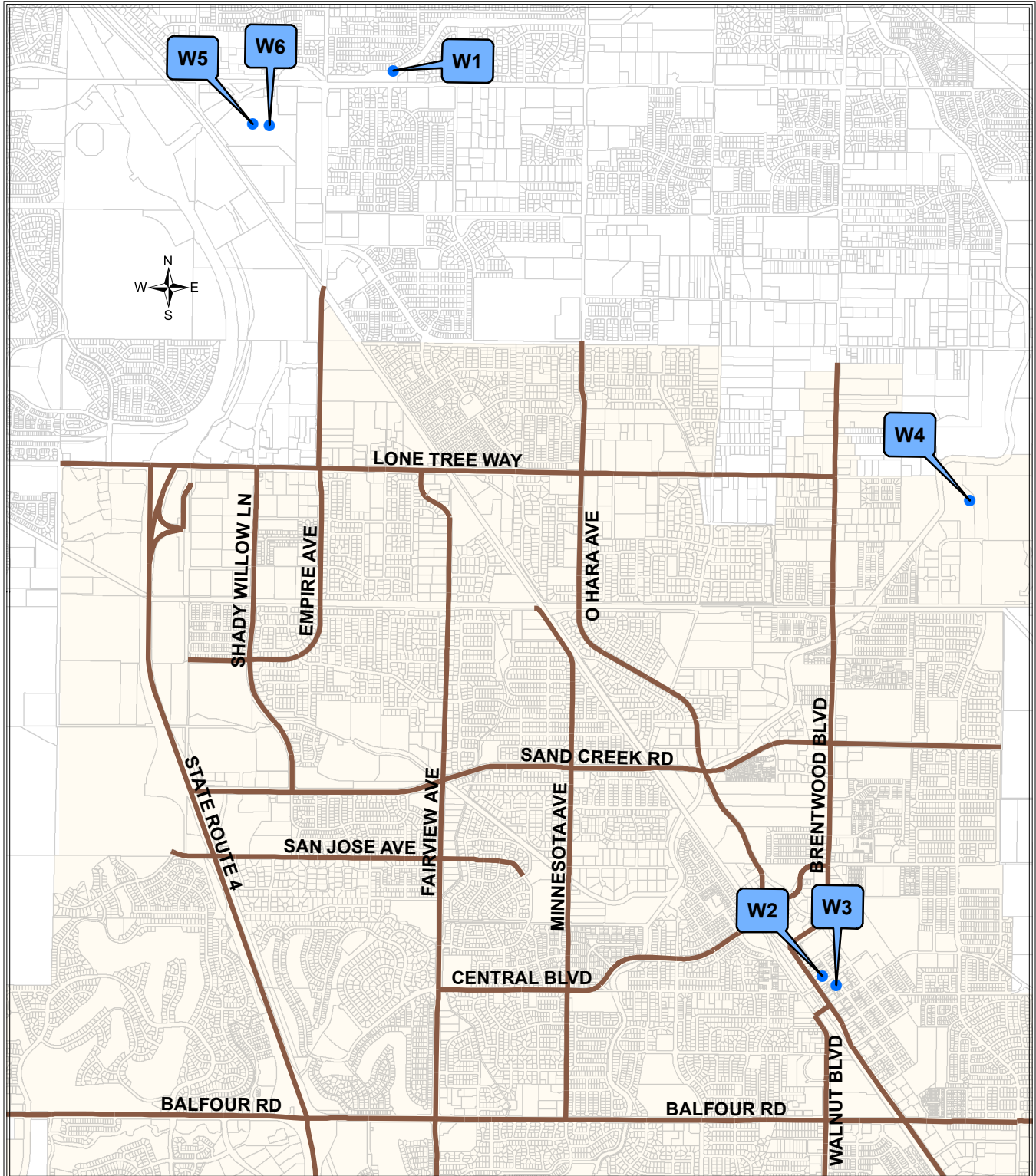
PROJECT FINANCING

Project Expenditures	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
Legal	-	-	-	150,000	150,000	-	\$ 300,000
Planning and Design	450,000	210,000	182,000	150,000	1,768,000	1,758,000	\$ 4,518,000
Construction	10,125,099	7,168,135	6,449,820	2,575,820	2,891,820	1,710,000	\$ 30,920,694
Project Administration	170,000	215,000	167,000	100,000	100,000	60,000	\$ 812,000
Land/ROW/Acquisitions	-	-	-	-	-	-	\$ -
TOTAL	\$ 10,745,099	\$ 7,593,135	\$ 6,798,820	\$ 2,975,820	\$ 4,909,820	\$ 3,528,000	\$ 36,550,694

Project Funding	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
General Fund	-	-	-	-	-	-	-	\$ -
Development Impact Fees	3,742,118	65,000	1,748,658	301,600	32,000	127,920	122,320	\$ 6,139,616
Enterprise	7,002,981	-	5,779,477	6,497,220	2,803,820	3,091,900	1,855,680	\$ 27,031,078
Federal/State Funding	-	-	-	-	-	-	-	\$ -
Development Contributions	-	-	-	-	140,000	1,185,000	-	\$ 1,325,000
Replacement	-	-	-	-	-	-	-	\$ -
Other	-	-	-	-	-	-	-	\$ -
Unfunded	-	-	-	-	-	505,000	1,550,000	\$ 2,055,000
TOTAL	\$ 10,745,099	\$ 65,000	\$ 7,528,135	\$ 6,798,820	\$ 2,975,820	\$ 4,909,820	\$ 3,528,000	\$ 36,550,694

WATER IMPROVEMENTS

Various Projects for 2018/19



NO.	PROJECT TITLE	PROJECT NO.
W1	Canal Replacement Cost Share	562-56400
W2	Downtown Alley Rehabilitation – N. Diablo Way	562-56401
W3	Downtown Alley Rehabilitation – S. Diablo Way	562-56401
W4	Water and Wastewater SCADA System Upgrade	562-56402
W5	Water Treatment Plant Chemical Storage Tank Relining	562-56403
W6	Water Treatment Plant Filter Media Replacement	562-56404



Project Title:

Project #:

Brentwood Boulevard Sewer and Water Main

562-56392



Project Category:	Water Improvements
Location:	Brentwood Boulevard from Lone Tree Way to 200' south of Delta Road
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$8,000
Public Art Requirement:	Exempt

Description/Justification:

This project will install a 12" sewer main, 12" water main and 8" non-potable water main, approximately 2,360', along Brentwood Boulevard from Lone Tree Way to 200' south of Delta Road. This project will also provide lateral stubs for Sims Road, service laterals for existing properties along Brentwood Boulevard and sewer and water service for existing residents and future development, along Brentwood Boulevard north of Lone Tree Way.

Supplemental Information:

This project is contingent upon future development along Brentwood Boulevard. At the appropriate time, the City will investigate a variety of funding sources, including development contributions, should the adjacent property be developed. The Development Impact Fee funded portion of this project will be split between two fees, Water - \$10,000 and Wastewater - \$10,000.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
70239 Legal				150,000	150,000		\$ 300,000	
90040 Planning and Design					1,400,000	1,410,000	\$ 2,810,000	
90050 Construction					150,000	140,000	\$ 290,000	
TOTAL				\$ 150,000	\$ 1,700,000	\$ 1,550,000	\$ 3,400,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47 - Var Development Impact Fees					10,000	10,000		\$ 20,000
467 15 Development Contributions					140,000	1,185,000		\$ 1,325,000
Unfunded						505,000	1,550,000	\$ 2,055,000
TOTAL					\$ 150,000	\$ 1,700,000	\$ 1,550,000	\$ 3,400,000

Project Title:

Project #:

Canal Replacement Cost Share

562-56400



Project Category:	Water Improvements
Location:	Along Contra Costa Water District Conveyance Facilities
Project Manager:	C. Ehlers
Project Priority:	1B - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The City currently utilizes the CCWD conveyance facilities (Contra Costa Canal, pumps, underground pipes and screens) for the delivery of Delta water to the Brentwood Water Treatment Plant. Through an agreement with CCWD, the City will purchase capacity rights in a portion of CCWD's facilities as well as pay for its proportional share of upgrades to CCWD's facilities. This project accounts for the City's proportional share of the projected costs for CCWD's Canal Replacement Project (Segments 3 and 4).

Supplemental Information:

The City's proportional cost share for this project has been established at 14.5% of capacity, or 30 million gallons per day, and will be financed equally with Water Development Impact Fees and Water Enterprise Replacement Funds. The City's share of the costs included in the 5-year period is for the Canal Replacement Project Segments 3 and 4. Segment 5 is expected to begin in FY 2024/25. The City will be working cooperatively with CCWD to seek grants and other funding opportunities to help offset the costs to upgrade these conveyance facilities.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction	555,640	1,738,695					\$ 2,294,335	
TOTAL		\$ 555,640	\$ 1,738,695					\$ 2,294,335	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47250	Development Impact Fees	277,820		869,348					\$ 1,147,168
47563	Enterprise	277,820		869,347					\$ 1,147,167
TOTAL		\$ 555,640		\$ 1,738,695					\$ 2,294,335

Project Title:

Project #:

Downtown Alley Rehabilitation - North Diablo Way

562-56401



Project Category:	Water Improvements
Location:	Diablo Way from Oak Street to Brentwood Boulevard
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project includes the installation of new sewer facilities and either the removal or replacement of existing infrastructure to correct existing operations and maintenance constraints due to the age of the facilities. This project will allow the City to accommodate the anticipated development of the Downtown area and, where feasible, bring the aging facilities up to current standards.

Supplemental Information:

Funding for this project comes from the Wastewater Enterprise Replacement Fund.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	115,000						\$ 115,000	
90050	Construction	535,000	635,000					\$ 1,170,000	
90070	Project Administration	50,000	65,000					\$ 115,000	
TOTAL		\$ 700,000	\$ 700,000					\$ 1,400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47593	Enterprise	700,000		700,000					\$ 1,400,000
TOTAL		\$ 700,000		\$ 700,000					\$ 1,400,000

Project Title:

Project #:

Downtown Alley Rehabilitation - South Diablo Way



Project Category:	Water Improvements
Location:	Diablo Way from Birch Street to Oak Street
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	New
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project includes the installation of new water and sewer facilities and either the removal or replacement of existing infrastructure to correct existing operations and maintenance constraints due to the age of the facilities. This project will allow the City to accommodate the anticipated development of the Downtown area and, where feasible, bring the aging facilities up to current standards.

Supplemental Information:

Funding for this project will be split proportionally based on the proposed improvements as follows: 40% from Water Enterprise Replacement Fund (\$480,000) and the other 60% funded from the Wastewater Enterprise Replacement Fund (\$720,000).

PROJECT FINANCING	CURRENT		PROPOSED					TOTAL
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design		100,000					\$ 100,000	
90050 Construction		1,000,000					\$ 1,000,000	
90070 Project Administration		100,000					\$ 100,000	
TOTAL		\$ 1,200,000					\$ 1,200,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47 - Var Enterprise			1,200,000					\$ 1,200,000
TOTAL			\$ 1,200,000					\$ 1,200,000

Project Title:

Project #:

Downtown Alley Rehabilitation - Future



Project Category:	Water Improvements
Location:	Diablo Way and Midway alleys, bounded by Brentwood Boulevard, Pine Street, Second Street and Chestnut Street
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	New
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project includes the installation of new water and sewer facilities, the rehabilitation of existing facilities, and either the removal or replacement of existing infrastructure to correct existing operations and maintenance constraints due to the age of the facilities. This project will allow the City to accommodate the anticipated development of the Downtown area and, where feasible, bring the aging facilities up to current standards.

Supplemental Information:

Funding for this project will be split equally between the Water Enterprise Replacement Fund and the Wastewater Enterprise Replacement Fund. The project will be phased and completed in multiple segments, pending funding availability.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design			100,000	100,000	100,000	70,000	\$ 370,000	
90050	Construction			1,000,000	1,000,000	1,100,000	570,000	\$ 3,670,000	
90070	Project Administration			100,000	100,000	100,000	60,000	\$ 360,000	
TOTAL				\$ 1,200,000	\$ 1,200,000	\$ 1,300,000	\$ 700,000	\$ 4,400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47 - Var	Enterprise				1,200,000	1,200,000	1,300,000	700,000	\$ 4,400,000
TOTAL					\$ 1,200,000	\$ 1,200,000	\$ 1,300,000	\$ 700,000	\$ 4,400,000

Project Title:

Project #:

O'Hara Ave/Lone Tree Way Water Upgrade



Project Category:	Water Improvements
Location:	O'Hara Avenue from Lone Tree Way to O'Hara Lane and Lone Tree Way from Brentwood Boulevard to Well #14
Project Manager:	J. Samuelson
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$2,000
Public Art Requirement:	Exempt

Description/Justification:

The water Master Plan identified this project as a priority to improve system operation and efficiency. This project will either upgrade the existing 12" water main in O'Hara Ave, between Lone Tree Way and O'Hara Lane, with a 24" main or paralleled with a 16" main due to high flow rates. Also, this project will either upgrade the existing 8" water main in Lone Tree Way, between Brentwood Boulevard and Well #14, with a 12" main or paralleled with an 8" main due to high flow rates.

Supplemental Information:

Funding for this project will be split equally between the Water Enterprise Fund and Water Development Impact Fees.

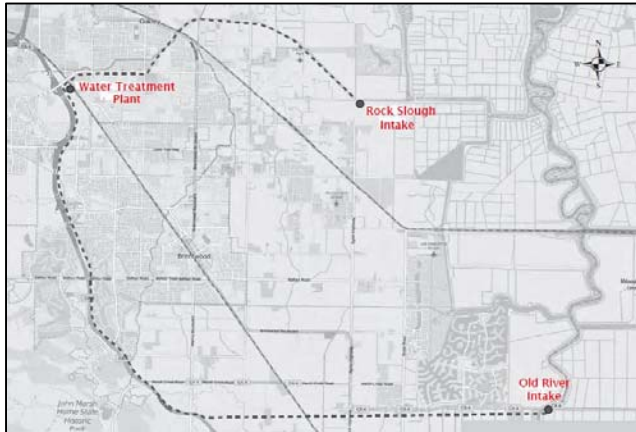
PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design			45,000				\$ 45,000	
90050 Construction			500,000				\$ 500,000	
90070 Project Administration			45,000				\$ 45,000	
TOTAL			\$ 590,000				\$ 590,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47250 Development Impact Fees				295,000				\$ 295,000
47560 Enterprise				295,000				\$ 295,000
TOTAL				\$ 590,000				\$ 590,000

Project Title:

Project #:

Purchase of Capacity Rights

562-56396



Project Category:	Water Improvements
Location:	Along Contra Costa Water District Conveyance Facilities
Project Manager:	C. Ehlers
Project Priority:	1B - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The City currently utilizes the CCWD conveyance facilities (Contra Costa Canal, pumps, underground pipes and screens) for the delivery of Delta water to the Brentwood Water Treatment Plant. Through an agreement with CCWD, the City will purchase capacity rights in a portion of CCWD's facilities as well as pay for its proportional share of upgrades to CCWD's facilities. This project accounts for the City's purchase of a permanent share of water conveyance capacity and includes the initial buy-in to existing infrastructure. This project is necessary to ensure adequate, permanent and long-term capacity for conveyance of the City's potable drinking water supply. The City is required by contract with CCWD to have its own water conveyance by 2020 or when the CCWD Rock Slough Canal can no longer accommodate the City's water needs.

Supplemental Information:

The City's initial buy-in cost is \$8,353,100 and is funded equally with Water Development Impact Fees and Water Enterprise Replacement funds.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
90050	Construction	6,682,480	1,670,620					\$ 8,353,100
TOTAL		\$ 6,682,480	\$ 1,670,620					\$ 8,353,100

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47250	Development Impact Fees	3,341,240	835,310					\$ 4,176,550
47563	Enterprise	3,341,240	835,310					\$ 4,176,550
TOTAL		\$ 6,682,480	\$ 1,670,620					\$ 8,353,100

Project Title:

Project #:

Reservoir Painting and Recoating

562-56398



Project Category:	Water Improvements
Location:	Citywide
Project Manager:	E. Brennan
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Inspect, clean, repair, remove old paint and repaint interior and exterior of Zone 1 (1.1 & 1.2) reservoirs, Zone 2 (2.1 & 2.2) reservoirs and associated piping at City water storage facilities. This project is necessary to prevent interior and exterior deterioration of reservoirs and piping from rust and elements as well as meeting required state and federal regulations. The new paint is expected to last 10 years.

Supplemental Information:

This project will be funded by the Water Enterprise. Each reservoir will be fully renovated and receive new paint on the interior and exterior. As part of the renovation process the reservoirs will be drained, pressure washed, inspected and disinfected. The project assures reservoirs are in compliance with state and federal regulations and that reservoirs provide a safe and healthy environment for water storage.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction	282,979	422,820	422,820	422,820	422,820		\$ 1,974,259	
TOTAL		\$ 282,979	\$ 422,820	\$ 422,820	\$ 422,820	\$ 422,820		\$ 1,974,259	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47560	Enterprise	282,979		422,820	422,820	422,820	422,820		\$ 1,974,259
TOTAL		\$ 282,979		\$ 422,820	\$ 422,820	\$ 422,820	\$ 422,820		\$ 1,974,259

Project Title:

Project #:

Sensus AMR System Upgrade

562-56397



Project Category:	Water Improvements
Location:	Citywide
Project Manager:	J. Samuelson
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Install a fixed base Sensus Automated Meter Reading (AMR) system which will provide hourly meter reads. This will require the installation of two antennas and the replacement of the Meter Transmitter Units (MXUs) on the water meters. This is a multi-phase project. The first phase will evaluate the system and communication requirements. The second phase consists of upgrading the water meters and MXUs, Citywide, one cycle at a time. Upgrading the current Sensus AMR system to an AMR/Advanced Metering Infrastructure fixed base meter reading system will eliminate the need to drive routes to obtain meter readings. This will reduce staff time spent reading meters and allow for proactive customer service. Meter readings will be available on an hourly basis and downloaded four times a day. The Utility Billing Division will have access to the meter reads on an hourly basis, thus eliminating the need to contact Public Works staff to provide reads for billing and occupant changes. Fixed base is a proactive metering solution with the ability to notify staff of leaks, high consumption, and water theft, when they occur, thus reducing water loss throughout the City.

Supplemental Information:

This project will be funded by the Water Enterprise Replacement Fund. Annual O&M includes software services, technical support, extended warranties, spectrum leasing and other items which are renewed on an annual basis.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design	20,000						\$ 20,000	
90050 Construction	480,000		2,370,000				\$ 2,850,000	
TOTAL	\$ 500,000		\$ 2,370,000				\$ 2,870,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47563 Enterprise	500,000			2,370,000				\$ 2,870,000
TOTAL	\$ 500,000			\$ 2,370,000				\$ 2,870,000

Project Title:

Project #:

Underground Water System Corrosion Mitigation

562-56320



Project Category:	Water Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	(\$2,000)
Public Art Requirement:	Exempt

Description/Justification:

This project will install cathodic protection systems on metallic water lines and valves, and fittings on fire hydrants, as required. Cathodic protection is an efficient and cost effective method of protecting the buried metallic structure from either costly repairs or future replacement due to corrosive soils. This project will reduce and prevent the amount of emergency work on the water facilities due to ruptures caused by corrosion and minimize the amount of water lost each year due to leakage caused by corrosion, resulting in reduced future annual O&M costs.

Supplemental Information:

City staff completed analysis of the cathodic protection system for existing metallic water lines and the estimated construction costs for FY 2018/19 were developed based on those findings. The project is funded with Water Development Impact Fees and the Water Enterprise Fund.

PROJECT FINANCING		CURRENT		PROPOSED				
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
90040	Planning and Design	65,000	10,000					\$ 75,000
90050	Construction	50,000	155,000					\$ 205,000
90070	Project Administration	20,000						\$ 20,000
TOTAL		\$ 135,000	\$ 165,000					\$ 300,000

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47250	Development Impact Fees	123,058	65,000					\$ 188,058
47560	Enterprise	11,942	100,000					\$ 111,942
TOTAL		\$ 135,000	\$ 65,000	\$ 100,000				\$ 300,000

Project Title:

Project #:

Water and Wastewater SCADA System Upgrade

562-56402



Project Category:	Water Improvements
Location:	2201 & 2251 Elkins Way
Project Manager:	C. Wichert
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$5,000
Public Art Requirement:	Exempt

Description/Justification:

This project will provide necessary upgrades to the Supervisory Control and Data Acquisition (SCADA) computer systems to enable the Water Distribution System, Water Treatment Plant and Wastewater Treatment Plant to operate efficiently and securely. This project will replace the existing network infrastructure, SCADA infrastructure and software originally installed 15-20 years ago.

Supplemental Information:

Completion of this project will increase the efficiency and redundancy of the critical control systems for both the Water and Wastewater systems, and ensure the City has technologically current, cyber-secure systems. Funding for this project will come from the Water Replacement Fund (\$825,000) and Wastewater Replacement Fund (\$575,000).

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	150,000						\$ 150,000	
90050	Construction	700,000	400,000					\$ 1,100,000	
90070	Project Administration	100,000	50,000					\$ 150,000	
TOTAL		\$ 950,000	\$ 450,000					\$ 1,400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47 - Var	Enterprise	950,000		450,000					\$ 1,400,000
TOTAL		\$ 950,000		\$ 450,000					\$ 1,400,000

Project Title:

Project #:

Water Storage Capacity at Los Vaqueros Reservoir

562-56399



Project Category:	Water Improvements
Location:	Los Vaqueros Reservoir
Project Manager:	C. Ehlers
Project Priority:	2C - Necessary
Project Phase:	Design
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will involve a partnership with the CCWD to purchase water storage capacity as a partner in the Los Vaqueros Reservoir expansion project. Purchasing storage capacity in the Los Vaqueros Reservoir will enable the City to pump high-quality low-chloride water during the wet months to store and be available for blending during the dry months, when delta water quality is at its worst. Chloride levels in the delta increase in late summer and fall and are even worse in drought years. Having the ability to store high quality water for use during these times will ensure adequate supply, long-term water quality and regulatory compliance for the City. This project is part of the City’s Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

The current estimated cost for this project is \$6.4 million. Only costs through FY 2022/23 are included in the CIP.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	100,000						\$ 100,000	
90050	Construction	100,000	200,000	1,000,000	1,000,000	1,000,000	1,000,000	\$ 4,300,000	
TOTAL		\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47560	Enterprise	200,000		200,000	1,000,000	1,000,000	1,000,000	1,000,000	\$ 4,400,000
TOTAL		\$ 200,000		\$ 200,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,400,000

Project Title:

Project #:

Water Treatment Plant Chemical Storage Tank Relining

562-56403



Project Category:	Water Improvements
Location:	3760 Neroly Road
Project Manager:	E. Brennan
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will provide cleaning, inspection and installation of a new liner in each of the chemical storage tanks at the Brentwood Water Treatment Plant. All tanks will be cleaned and evaluated prior to the liner replacement. Two tank liners will be replaced each fiscal year and the project will be complete in FY 2019/20.

Supplemental Information:

The CCWD manages the implementation and construction of this project, which is funded through the Water Replacement Fund. Per the agreement with CCWD, the replacement and upgrade project costs and priorities are reviewed in conjunction with CCWD on an annual basis.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90050 Construction	178,000	117,000	382,000				\$ 677,000	
TOTAL	\$ 178,000	\$ 117,000	\$ 382,000				\$ 677,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47563 Enterprise	178,000		117,000	382,000				\$ 677,000
TOTAL	\$ 178,000		\$ 117,000	\$ 382,000				\$ 677,000

Project Title:

Project #:

Water Treatment Plant Distributed Control System Upgrade



Project Category:	Water Improvements
Location:	3760 Neroly Road
Project Manager:	E. Brennan
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will upgrade the Distributed Control System (DCS) at the Brentwood Water Treatment Plant. Upgrade will replace obsolete Programmable Logic Controllers (PLCs) (computers used for automation of processes which interface with the City's SCADA system) and will standardize the equipment at the Brentwood and Randall Bold Treatment Plants. Standardizing the PLCs will assist the Plant technicians in trouble shooting and testing updates more quickly. A major failure within the DCS may result in delayed operation due to the lack of available parts. This project will replace the existing network infrastructure, DCS infrastructure, and software.

Supplemental Information:

CCWD manages the implementation and construction of this project, which is funded through the Water Replacement Fund. Per the agreement with the CCWD, the replacement and upgrade project costs and priorities are reviewed in conjunction with CCWD on an annual basis.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction		372,000	500,000				\$ 872,000	
TOTAL			\$ 372,000	\$ 500,000				\$ 872,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47563	Enterprise			372,000	500,000				\$ 872,000
TOTAL				\$ 372,000	\$ 500,000				\$ 872,000

Project Title:

Project #:

Water Treatment Plant Filter Media Replacement

562-56404



Project Category:	Water Improvements
Location:	3760 Neroly Road
Project Manager:	E. Brennan
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Remove and replace existing filter media at the Brentwood Water Treatment Plant due to its life expectancy along with normal wear and tear. The current filter media has been in service since July 2008. Filter media is estimated to be replaced on an eight to ten year basis to maintain water quality. All four filters will be evaluated prior to media removal and replacement. The filter media will be replaced in two stages; two filters during FY 2017/18, and two filters during FY 2018/19.

Supplemental Information:

CCWD manages the implementation and construction of this project, which is funded through the Water Replacement Fund. Per the agreement with CCWD, the replacement and upgrade project costs and priorities are reviewed in conjunction with CCWD on an annual basis.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90050 Construction	561,000	457,000					\$ 1,018,000	
TOTAL	\$ 561,000	\$ 457,000					\$ 1,018,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47563 Enterprise	561,000		457,000					\$ 1,018,000
TOTAL	\$ 561,000		\$ 457,000					\$ 1,018,000

Project Title:

Project #:

Water Treatment Plant Master Plan



Project Category:	Water Improvements
Location:	3760 Neroly Road
Project Manager:	E. Brennan
Project Priority:	1A - Mandatory
Project Phase:	New
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The Brentwood Water Treatment Plant Master Plan is a comprehensive document that evaluates the capacity of the existing water treatment systems and specifies improvements necessary to serve existing and future customers. The elements studied to determine future demands are subject to change and must be periodically updated; typically Master Plans are updated on an eight to ten year cycle. The Brentwood Water Treatment Plant will be included as part of CCWD Water Treatment Plant Master Plan.

Supplemental Information:

CCWD manages the implementation and construction of this project, which is funded through the Water Enterprise Fund and Water Development Impact Fee Fund. The Water Treatment Master Plan expense will be shared between Brentwood and CCWD. Cost share assumes 20% of the total expense for Brentwood and 80% for CCWD. The \$115,000 budgeted for fiscal years 2018/19 and 2019/20 will be used to complete the Water Treatment Plant Master Plan. The budgeted amounts for the additional three fiscal years are estimates for the implementation of the Water Treatment Plant Master Plan recommendations. Per the agreement with CCWD the projects, costs and priorities are reviewed in conjunction with CCWD on an annual basis.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design		100,000	15,000	50,000	268,000	278,000	\$ 711,000	
TOTAL			\$ 100,000	\$ 15,000	\$ 50,000	\$ 268,000	\$ 278,000	\$ 711,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47250	Development Impact Fees			44,000	6,600	22,000	117,920	122,320	\$ 312,840
47560	Enterprise			56,000	8,400	28,000	150,080	155,680	\$ 398,160
TOTAL				\$ 100,000	\$ 15,000	\$ 50,000	\$ 268,000	\$ 278,000	\$ 711,000

Project Title:

Project #:

Water Treatment Plant Security Improvements



Project Category:	Water Improvements
Location:	3760 Neroly Road
Project Manager:	E. Brennan
Project Priority:	1A - Mandatory
Project Phase:	New
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will provide secure isolation of the City of Brentwood Water Treatment Plant from the general public and enhance security. Improvements include installation and upgrades of locks and/or card access for doors as well as alarms for critical security areas such as control room and chemical tanks, additional and/or improved security cameras, intercom system, fencing, and bollards.

Supplemental Information:

CCWD manages the implementation and construction of this project, which is funded through the Water Enterprise Fund. Per the agreement with CCWD the projects, costs and priorities are reviewed in conjunction with CCWD on an annual basis.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction				153,000	219,000		\$ 372,000	
TOTAL					\$ 153,000	\$ 219,000		\$ 372,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47560	Enterprise					153,000	219,000		\$ 372,000
TOTAL						\$ 153,000	\$ 219,000		\$ 372,000

Project Title:

Project #:

Zone 2 Reduced Water Pressure Zone



Project Category:	Water Improvements
Location:	Apple Hill Estates and Summerset 1
Project Manager:	J. Samuelson
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The Balfour and the Sand Creek pressure reducing valves continuously flow in order to provide service pressures to the Apple Hill and Summerset 1 neighborhoods. This continuous flow is largely made available by the continuous pumping provided by Pump Stations 2.1 and 2.2, creating higher energy costs for the City. This project will isolate the pipes within these neighborhoods from Zone 1 and making the area a 'Zone 2 - Reduced' pressure zone. This new zone would be serviced exclusively by the Sand Creek and Balfour pressure reducing stations, and as each reducing stations has more than one valve and enough capacity for fire flow demands, these pressure reducing valves would only allow as much flow as is required by the residences in this area.

Supplemental Information:

This project will be fully funded by Water Enterprise funds.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
90040	Planning and Design				22,000				\$ 22,000
90050	Construction				275,000				\$ 275,000
90070	Project Administration				22,000				\$ 22,000
TOTAL					\$ 319,000				\$ 319,000
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47560	Enterprise				319,000				\$ 319,000
TOTAL					\$ 319,000				\$ 319,000



This page intentionally left blank.

Wastewater Improvements
Expenditures by Project
Fiscal Years 2018/19 - 2022/23

Page	Project #	Project	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
84	59202	Citywide Non-Potable Water Distribution System	\$ 860,000	\$ 4,140,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
85		Highland Way Wastewater Upgrade	-	-	-	-	800,000	-	800,000
86		Lone Tree Way/Arroyo Seco Road Wastewater Upgrade	-	-	2,450,000	-	-	-	2,450,000
87	59198	Non-Potable Storage Facility	4,493,500	4,410,000	-	-	-	-	8,903,500
88		Secondary Non-Potable Water Storage Facility	-	350,000	3,850,000	-	-	-	4,200,000
89	59140	Wastewater Treatment Plant Expansion - Phase II	3,806,000	36,884,150	21,862,000	-	-	-	62,552,150
90	59205	Wastewater Treatment Plant Security	160,000	240,000	-	-	-	-	400,000
TOTAL			\$ 9,319,500	\$ 46,024,150	\$ 28,162,000	\$ -	\$ 800,000	\$ -	\$ 84,305,650

Wastewater Improvements Summary

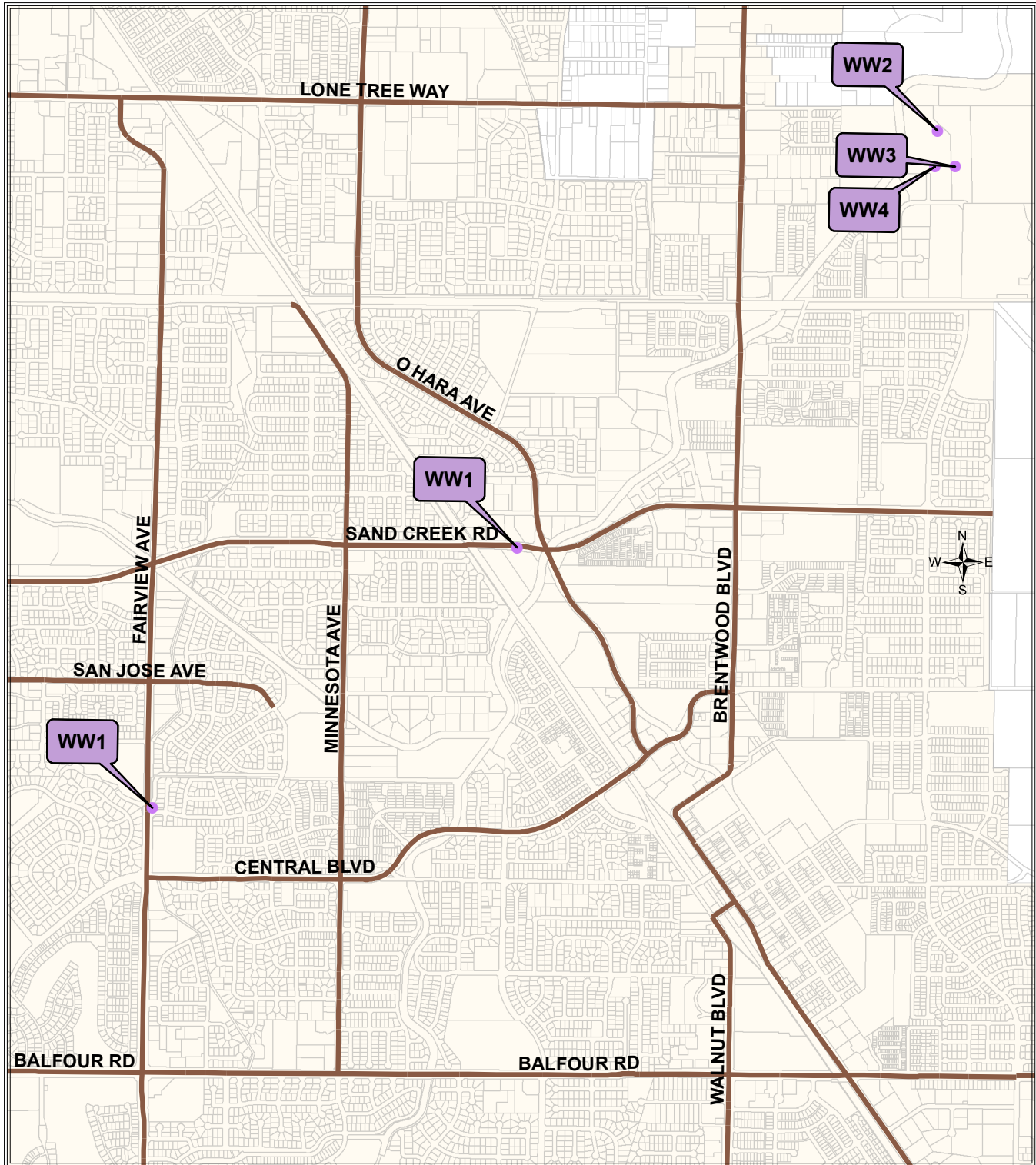
PROJECT FINANCING

Project Expenditures	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
Legal	16,000	160,000	100,000	-	-	-	\$ 276,000
Planning and Design	4,295,000	1,384,150	205,000	-	65,000	-	\$ 5,949,150
Construction	4,500,000	41,800,000	25,540,000	-	670,000	-	\$ 72,510,000
Project Administration	450,000	2,680,000	2,317,000	-	65,000	-	\$ 5,512,000
Land/ROW/Acquisitions	58,500	-	-	-	-	-	\$ 58,500
TOTAL	\$ 9,319,500	\$ 46,024,150	\$ 28,162,000	\$ -	\$ 800,000	\$ -	\$ 84,305,650

Project Funding	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
General Fund	-	-	-	-	-	-	-	\$ -
Development Impact Fees	1,332,063	1,214,187	-	1,225,000	-	400,000	-	\$ 4,171,250
Enterprise	2,727,437	240,000	-	1,225,000	-	400,000	-	\$ 4,592,437
Federal/State Funding	5,260,000	-	44,569,963	25,712,000	-	-	-	\$ 75,541,963
Development Contributions	-	-	-	-	-	-	-	\$ -
Replacement	-	-	-	-	-	-	-	\$ -
Other	-	-	-	-	-	-	-	\$ -
Unfunded	-	-	-	-	-	-	-	\$ -
TOTAL	\$ 9,319,500	\$ 1,454,187	\$ 44,569,963	\$ 28,162,000	\$ -	\$ 800,000	\$ -	\$ 84,305,650

WASTEWATER IMPROVEMENTS

Various Projects for 2018/19



NO.	PROJECT TITLE	PROJECT NO.
WW1	Citywide Non-Potable Water Distribution System	592-59202
WW2	Non-Potable Storage Facility	592-59198
WW3	WWTP Expansion - Phase II	592-59140
WW4	WWTP Security	592-59205

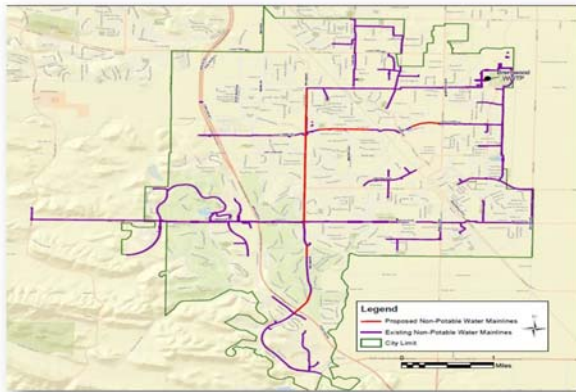


Project Title:

Project #:

Citywide Non-Potable Water Distribution System

592-59202



Project Category:	Wastewater Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$18,500
Public Art Requirement:	Exempt

Description/Justification:

This project consists of the installation of a trunk, reclaimed (non-potable) water distribution system, throughout the City to provide reclaimed water for irrigation of golf courses, parks, parkways, medians and other applicable uses. The priority locations are located on Fairview Avenue from Grant Street to Balfour Road, and Sand Creek Road from Fairview Avenue to Brentwood Boulevard. There are parks and public landscaping that are currently irrigated using potable water. By converting to non-potable water usage, the City can reduce the cost of landscape irrigation, save on potable water usage and reduce the discharge of recycled water to Marsh Creek. This project is part of the City’s Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project includes sleeving of the City-acquired abandoned PG&E Line 114 gas pipeline in Fairview Avenue to be utilized for non-potable conveyance. This project will be funded by a State Water Resources Control Board Revolving Fund (“SRF”) loan, consisting of approximately 35% State and Federal grants and 65% loan, which will be repaid from the Wastewater Development Impact Fee, Wastewater Enterprise and Parks and LLAD Replacement Funds, as applicable. It is estimated that \$1,638,000 of the funding will be a grant and the remaining \$3,362,000 will be a loan.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal	10,000	10,000					\$ 20,000	
90040	Planning and Design	400,000						\$ 400,000	
90050	Construction	400,000	3,880,000					\$ 4,280,000	
90070	Project Administration	50,000	250,000					\$ 300,000	
TOTAL		\$ 860,000	\$ 4,140,000					\$ 5,000,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47 - Var	Federal/State Funding	860,000		4,140,000					\$ 5,000,000
TOTAL		\$ 860,000		\$ 4,140,000					\$ 5,000,000

Project Title:

Project #:

Highland Way Wastewater Upgrade



Project Category:	Wastewater Improvements
Location:	Highland Way from Sand Creek Road to Mill Creek Way
Project Manager:	J. Samuelson
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The Sewer Master Plan identified the existing 8" sewer main on Highland Way, from Sand Creek Road to Mill Creek Way, as deficient in the existing sewer system. This project will replace the existing 8" sewer main with a 10" sewer main to improve existing operational capacity and accommodate future planned development.

Supplemental Information:

Funding for this project will be split equally between Wastewater Replacement funds and Development Impact Fees.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design					65,000		\$ 65,000	
90050 Construction					670,000		\$ 670,000	
90070 Project Administration					65,000		\$ 65,000	
TOTAL					\$ 800,000		\$ 800,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47255 Development Impact Fees						400,000		\$ 400,000
47593 Enterprise						400,000		\$ 400,000
TOTAL						\$ 800,000		\$ 800,000

Project Title:

Project #:

Lone Tree Way/Arroyo Seco Road Wastewater Upgrade



Project Category:	Wastewater Improvements
Location:	Lone Tree Way from 350' west of Anderson Lane to Arroyo Seco Road and on Arroyo Seco Road from Lone Tree Way to 130' south of Pajarito Way
Project Manager:	J. Samuelson
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The Sewer Master Plan identified the existing 12" sewer main on Lone Tree Way, from 350' west of Anderson Lane to Arroyo Seco Road and on Arroyo Seco Road from Lone Tree Way to 130' south of Pajarito Way, as deficient in the existing sewer system. This project will replace the existing 12" sewer main with an 18" sewer main to improve existing operational capacity and accommodate future planned development.

Supplemental Information:

Funding for this project will be split equally between Wastewater Replacement funds and Development Impact Fees.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design			205,000				\$ 205,000	
90050 Construction			2,040,000				\$ 2,040,000	
90070 Project Administration			205,000				\$ 205,000	
TOTAL			\$ 2,450,000				\$ 2,450,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47255 Development Impact Fees				1,225,000				\$ 1,225,000
47593 Enterprise				1,225,000				\$ 1,225,000
TOTAL				\$ 2,450,000				\$ 2,450,000

Project Title:

Project #:

Non-Potable Storage Facility

592-59198



Project Category:	Wastewater Improvements
Location:	2201 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$72,000
Public Art Requirement:	Exempt

Description/Justification:

This project will construct a 3.0 MGD non-potable storage facility for recycled water, including appurtenances such as pumps, valves, pipes and associated improvements. As part of the Wastewater Treatment Plant (WWTP) National Pollution Discharge Elimination System (NPDES) Permit requirements, the City must expedite implementation of steps to expand recycled water usage and decrease discharge of treated water into Marsh Creek. As part of this effort, the City needs a storage facility to buffer the daily cyclical difference between recycled water supply and demand. This project is part of the City’s Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

The WWTP discharges over 3 million gallons of recycled water per day into Marsh Creek. Utilization and blending of this valuable resource is a major strategic component for compliance with WWTP NPDES Permit requirements. This reduces the reliance and associated treatment costs on potable water and complies with both State and City mandates on increasing recycled water usage. The City is implementing steps to utilize more recycled water Citywide; however, the peak daily recycled water supply (morning and evenings) do not align with the peak recycled water demand (night). The City needs an adequate storage facility to maximize utilization of this resource and must demonstrate active efforts to effectuate this vision for NPDES compliance. The majority of this project will be funded by an SRF loan, consisting of approximately 35% State and Federal grants and 65% loan. It is estimated that \$3,080,000 of this funding will be a grant and the remaining \$5,730,000 will be a loan which will be repaid using Wastewater Development Impact Fees and Wastewater Enterprise Funds.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
90040	Planning and Design	45,000						\$ 45,000
90050	Construction	4,000,000	4,000,000					\$ 8,000,000
90070	Project Administration	390,000	410,000					\$ 800,000
90100	Land/ROW/Acquisitions	58,500						\$ 58,500
TOTAL		\$ 4,493,500	\$ 4,410,000					\$ 8,903,500

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47255	Development Impact Fees	46,750						\$ 46,750
47590	Enterprise	46,750						\$ 46,750
47 - Var	Federal/State Funding	4,400,000	4,410,000					\$ 8,810,000
TOTAL		\$ 4,493,500	\$ 4,410,000					\$ 8,903,500

Project Title:

Project #:

Secondary Non-Potable Water Storage Facility



Project Category:	Wastewater Improvements
Location:	220 Fairview Avenue
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$72,000
Public Art Requirement:	Exempt

Description/Justification:

This project will construct a 1.0 MGD non-potable storage facility for recycled water, including appurtenances such as booster pumps, valves, pipes and associated improvements. It is a requirement from the Central Valley Regional Water Quality Control Board, as part of the WWTP NPDES Permit, that the City must expedite implementation of steps to expand recycled water usage and decrease discharge of treated water into Marsh Creek. As part of this effort, the City needs a storage facility to buffer the daily cyclical difference between recycled water supply and demand. This project is part of the City’s Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

Currently, the WWTP discharges over 3 million gallons of recycled water per day into Marsh Creek. Utilization and blending of this valuable resource is a major strategic component for compliance with the requirements of the WWTP NPDES Permit. This reduces the reliance and associated treatment costs on potable water and complies with both State and City mandates on increasing recycled water usage. The City is implementing steps to utilize more recycled water Citywide; however, the peak daily recycled water supply (morning and evenings) do not align with the peak recycled water demand (night). The City needs an adequate storage facility to maximize utilization of this valuable resource and must demonstrate active efforts to effectuate this vision for NPDES compliance. This project will be funded by an SRF loan, consisting of approximately 35% State and Federal grants and 65% loan. It is estimated that \$1,347,500 of the funding will be a grant and the remaining \$2,852,500 will be a loan which will be repaid using Wastewater Development Impact Fees and Wastewater Enterprise Funds.

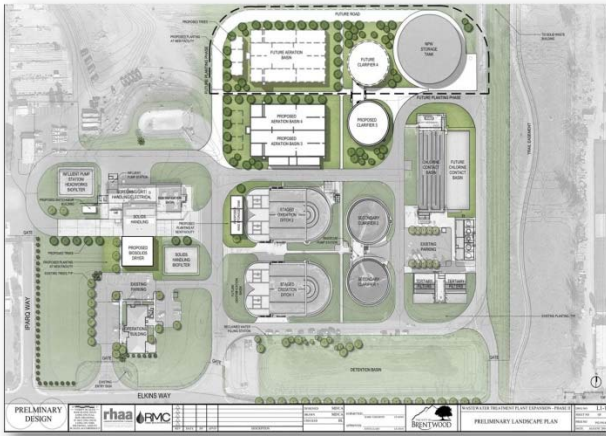
PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design		350,000					\$ 350,000	
90050	Construction			3,500,000				\$ 3,500,000	
90070	Project Administration			350,000				\$ 350,000	
TOTAL			\$ 350,000	\$ 3,850,000				\$ 4,200,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47 - Var	Federal/State Funding			350,000	3,850,000				\$ 4,200,000
TOTAL				\$ 350,000	\$ 3,850,000				\$ 4,200,000

Project Title:

Project #:

Wastewater Treatment Plant Expansion - Phase II

592-59140



Project Category:	Wastewater Improvements
Location:	Existing Wastewater Treatment Plant site, east of Marsh Creek and north of Sunset Road
Project Manager:	J. Dhaliwal
Project Priority:	1B - Mandatory
Project Phase:	Design
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$1,400,000
Public Art Requirement:	Exempt

Description/Justification:

The existing 5 MGD tertiary treatment facility was planned and constructed to accommodate future expansions, of up to 10 MGD. The original facility was designed based on 100 GPD per capita flow but the average flow in the last several years has been 69 GPD per capita. The Phase II Expansion is designed to treat 6.4 MGD flow based on 69 GPD per capita, which will service the final buildout population of the City per the current General Plan. The project includes the addition of one diffused air oxidation basin, retrofit of existing oxidation ditches to diffused air, secondary clarifiers, converting chlorine contact facilities to free chlorine disinfection, utility pumps, new solids mechanical dryer, dried bio-solids storage building, Electrical Distribution System Upgrade and all related appurtenances. This project is necessary to keep the City in compliance with more stringent discharge requirements. The expansion will also accommodate the planned and approved development within the City. This project has carried over from the City's Strategic Plan for FY 2016/17 and FY 2017/18.

Supplemental Information:

Funding is comprised of Wastewater Development Impact Fees, Wastewater Enterprise Funds, Wastewater Replacement Funds and an anticipated SRF grant of up to \$2,500,000 with the remainder of the funding as a loan, such as the one utilized for the existing 5 MGD facility. The SRF loan is anticipated to be financed over a 30-year period with the debt service payment provided by the Wastewater Enterprise Fund and Wastewater Development Impact Fees. This is a multi-year project.

PROJECT FINANCING		CURRENT		PROPOSED			TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
70239	Legal	6,000	150,000	100,000				\$ 256,000
90040	Planning and Design	3,800,000	1,034,150					\$ 4,834,150
90050	Construction		33,700,000	20,000,000				\$ 53,700,000
90070	Project Administration		2,000,000	1,762,000				\$ 3,762,000
TOTAL		\$ 3,806,000	\$ 36,884,150	\$ 21,862,000				\$ 62,552,150

PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47255	Development Impact Fees	1,285,313	1,214,187						\$ 2,499,500
47 - Var	Enterprise	2,520,687							\$ 2,520,687
44475	Federal/State Funding			35,669,963	21,862,000				\$ 57,531,963
TOTAL		\$ 3,806,000	\$ 1,214,187	\$ 35,669,963	\$ 21,862,000				\$ 62,552,150

Project Title:

Project #:

Wastewater Treatment Plant Security

592-59205



Project Category:	Wastewater Improvements
Location:	2251 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$5,000
Public Art Requirement:	Exempt

Description/Justification:

Provide secure isolation of the WWTP from the general public. This project would add roughly 1,700 linear feet (LF) of chain link fence to the existing perimeter fence at the WWTP. The new fencing will provide a safety buffer for the delivery of chemicals to the facility while still allowing the general public access to the recycled water fill station. This project will also widen roughly 700 LF of the existing access road currently shared by the WWTP and the Solid Waste Transfer Station (SWTS). Widening this access road provides a buffer between traffic going to and from the SWTS and chemical deliveries and biosolids handling operations.

Supplemental Information:

Funding for this project will be split equally between the Solid Waste Enterprise Fund and Wastewater Enterprise Fund.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design	50,000						\$ 50,000	
90050 Construction	100,000	220,000					\$ 320,000	
90070 Project Administration	10,000	20,000					\$ 30,000	
TOTAL	\$ 160,000	\$ 240,000					\$ 400,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47 - Var Enterprise	160,000	240,000						\$ 400,000
TOTAL	\$ 160,000	\$ 240,000						\$ 400,000

Community Facilities Improvements
Expenditures by Project
Fiscal Years 2018/19 - 2022/23

Page	Project #	Project	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	Total Cost
94		Brentwood Business Development Center	\$ -	\$ 163,624	\$ 171,705	\$ -	\$ -	\$ -	\$ 335,329
95	37237	City Fiber Optic Connection	200,000	100,000	-	-	-	-	300,000
96	37248	City Hall Automatic Transfer Switch	50,000	250,000	-	-	-	-	300,000
97	37226	City Phone System Upgrade	392,642	7,358	-	-	-	-	400,000
98	37244	Citywide Gateway Monuments "4-Corners"	100,025	686,358	-	-	-	-	786,383
99	37207	Citywide Sign/Identification Program	27,500	102,500	-	-	-	-	130,000
100	37245	Community Build-Out Plan	150,000	250,000	100,000	-	-	-	500,000
101	37197	Development Services Software	425,632	24,368	-	-	-	-	450,000
102	37030	Fire Station #53 (Shady Willow)	697,397	-	5,848,000	-	-	-	6,545,397
103	37241	Library - New Construction	11,752,200	1,897,800	-	-	-	-	13,650,000
104	37206	Municipal Service Center	4,823,480	2,781,000	-	-	-	-	7,604,480
105		PEG Cable TV Access	-	-	-	-	-	843,000	843,000
106	37238	Surveillance Camera and Storage System Upgrade	230,000	10,000	-	-	-	-	240,000
107		Veterans Park Gazebo	-	-	-	-	-	-	-
108	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	14,317	3,785,683	3,400,000	-	-	-	7,200,000
109	37228	Zoning Ordinance Update	-	200,000	200,000	-	-	-	400,000
		TOTAL	\$ 18,863,193	\$ 10,258,691	\$ 9,719,705	\$ -	\$ -	\$ 843,000	\$ 39,684,589

Community Facilities Improvements Summary

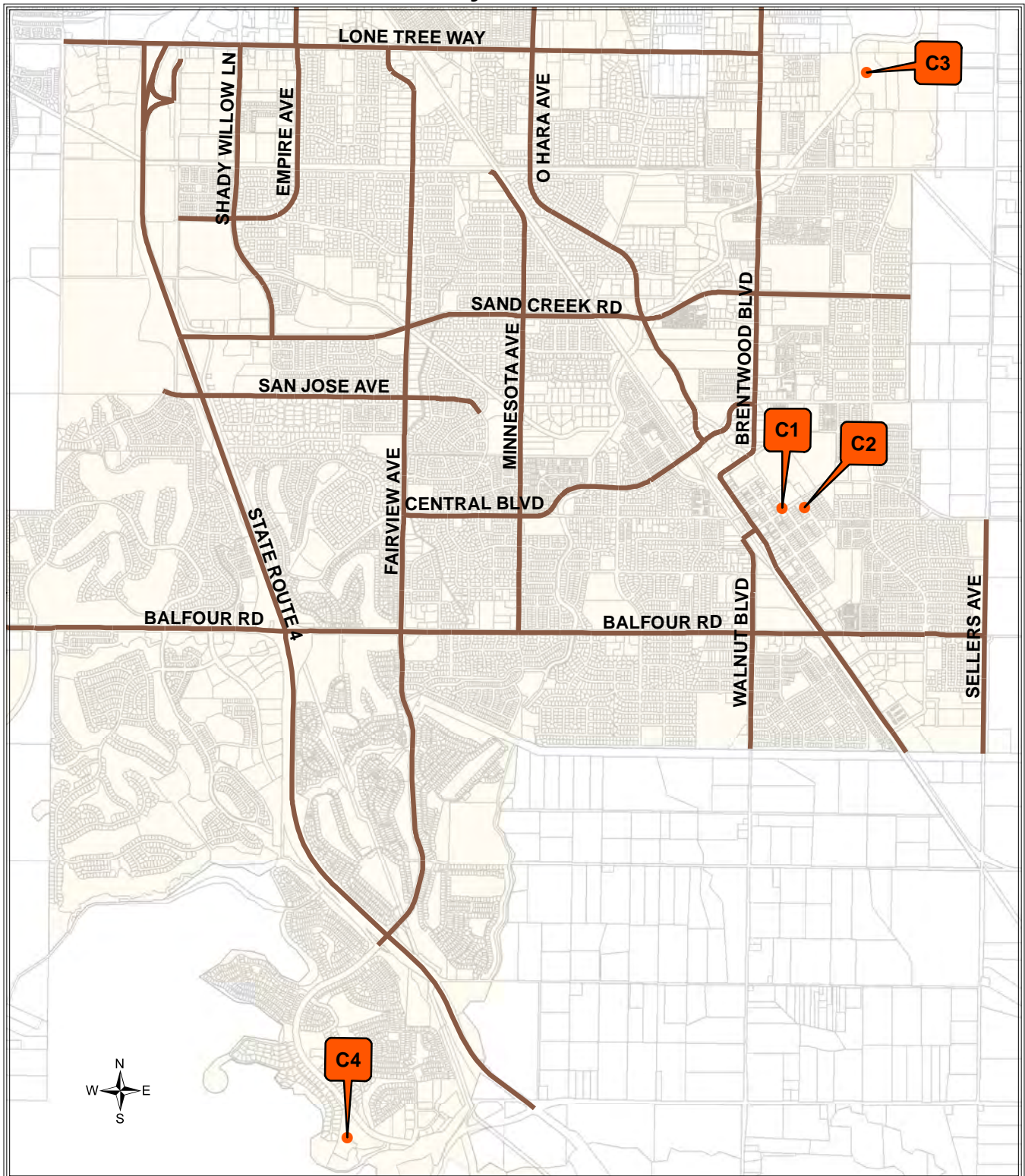
PROJECT FINANCING

Project Expenditures	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
Legal	65,486	51,500	12,500	-	-	50,000	\$ 179,486
Planning and Design	2,263,698	1,086,246	346,705	-	-	400,000	\$ 4,096,649
Construction	15,543,097	8,632,049	8,821,000	-	-	343,000	\$ 33,339,146
Project Administration	639,617	476,896	539,500	-	-	50,000	\$ 1,706,013
Land/ROW/Acquisitions	351,295	12,000	-	-	-	-	\$ 363,295
TOTAL	\$ 18,863,193	\$ 10,258,691	\$ 9,719,705	\$ -	\$ -	\$ 843,000	\$ 39,684,589

Project Funding	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
General Fund	227,500	322,500	385,000	300,000	-	-	-	\$ 1,235,000
Development Impact Fees	2,180,112	219,368	-	-	-	-	-	\$ 2,399,480
Enterprise	150,000	-	-	-	-	-	-	\$ 150,000
Federal/State Funding	-	-	-	-	-	-	-	\$ -
Development Contributions	-	-	-	-	-	-	-	\$ -
Replacement	722,642	17,358	-	-	-	-	-	\$ 740,000
Other	15,582,939	8,750,841	563,624	9,419,705	-	-	843,000	\$ 35,160,109
Unfunded	-	-	-	-	-	-	-	\$ -
TOTAL	\$ 18,863,193	\$ 9,310,067	\$ 948,624	\$ 9,719,705	\$ -	\$ -	\$ 843,000	\$ 39,684,589

COMMUNITY FACILITIES IMPROVEMENTS

Various Projects for 2018/19



NO.	PROJECT TITLE	PROJECT NO.
C1	City Hall Automatic Transfer Switch	337-37248
C2	Library – New Construction	337-37241
C3	Municipal Service Center	337-37206
C4	Vineyards at Marsh Creek – Event Center/Amphitheatre	337-37231



Project Title:

Project #:

Brentwood Business Development Center



Project Category:	Community Facilities Improvements
Location:	35 Oak Street
Project Manager:	K. Reed
Project Priority:	1E - Mandatory
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$25,000
Public Art Requirement:	Exempt

Description/Justification:

This project consists of the development of a co-working space that comprises approximately 4,000 square feet of program space and two large classrooms that will be integrated as part of the Business Development Center (BDC). The BDC was identified as a means to provide space for collaboration and trainings for the growing number of local entrepreneurs and small business owners. This project is part of the City’s Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project is funded utilizing the savings generated from the 2018A bond refinance. Future operating and maintenance impacts are expected with upgrades to equipment (WiFi, keyless access, furniture) within all areas associated with the BDC.

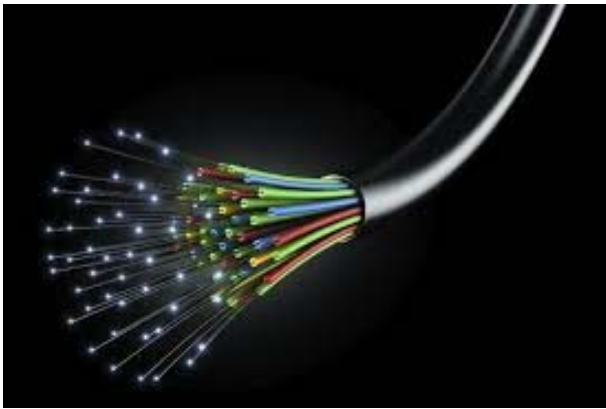
PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design		54,000	21,705				\$ 75,705	
90050 Construction		109,624	150,000				\$ 259,624	
TOTAL		\$ 163,624	\$ 171,705				\$ 335,329	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
Other			163,624	171,705				\$ 335,329
TOTAL			\$ 163,624	\$ 171,705				\$ 335,329

Project Title:

Project #:

City Fiber Optic Connection

337-37237



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	J. Samuelson
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$5,000
Public Art Requirement:	Exempt

Description/Justification:

This project will install fiber to various City facilities including; parks, water reservoirs, pump stations, and traffic signals. The additional fiber connections will give the City a redundant network path, bring availability of gigabit services to connected facilities and will lay the groundwork for future technology improvements such as the installation of surveillance cameras and expansion of the City's WiFi network into additional City parks.

Supplemental Information:

The City's existing fiber network includes the Police Department, the Public Works Operations Yard, Sunset Park, Civic Center, Aquatic Park and Senior Center. This project expands the City's existing fiber optic network and provides additional connections to the master ring.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	25,000						\$ 25,000	
90050	Construction	155,000	100,000					\$ 255,000	
90070	Project Administration	20,000						\$ 20,000	
TOTAL		\$ 200,000	\$ 100,000					\$ 300,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47256	Development Impact Fees	100,000	100,000						\$ 200,000
47703	Replacement - Information Systems	100,000							\$ 100,000
TOTAL		\$ 200,000	\$ 100,000						\$ 300,000

Project Title:

Project #:

City Hall Automatic Transfer Switch

337-37248



Project Category:	Community Facilities Improvements
Location:	150 City Park Way
Project Manager:	S. Dempsey
Project Priority:	2C - Necessary
Project Phase:	Design
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$500
Public Art Requirement:	Exempt

Description/Justification:

Installation of an Automatic Transfer Switch (ATS) to provide continuous power from the back-up generator at City Hall and the Council Chambers in the event of a power outage. The ATS will provide continuous power to City Hall and the Council Chambers and eliminate the need for City staff to connect and disconnect the generator utilizing the existing manual switch.

Supplemental Information:

None

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90050 Construction	50,000	250,000					\$ 300,000	
TOTAL	\$ 50,000	\$ 250,000					\$ 300,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47100 General Fund	50,000	165,000	85,000					\$ 300,000
TOTAL	\$ 50,000	\$ 165,000	\$ 85,000					\$ 300,000

Project Title:

Project #:

City Phone System Upgrade

337-37226



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	Y. Cho
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$25,000
Public Art Requirement:	Exempt

Description/Justification:

This project will upgrade the City's phone system from a legacy system to a digital VoIP system. Transitioning to VoIP will allow the City phone system to be integrated with the City network. This includes updating the City's voice mail system. Phone technology has changed from legacy Private Branch Exchange systems, to VoIP, utilizing data network infrastructures. The new system will provide new mobile features and enhance productivity by integrating computers to phones. This project has carried over from the City's Strategic Plan for FY 2016/17 and FY 2017/18.

Supplemental Information:

This project is funded through the Information Systems Replacement Fund.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
70239	Legal	526						\$ 526
90050	Construction	392,116	7,358					\$ 399,474
TOTAL		\$ 392,642	\$ 7,358					\$ 400,000

PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47703	Replacement - Information Systems	392,642	7,358						\$ 400,000
TOTAL		\$ 392,642	\$ 7,358						\$ 400,000

Project Title:

Project #:

Citywide Gateway Monuments "4-Corners"

337-37244



Project Category:	Community Facilities Improvements
Location:	Citywide - At major vehicular entry points
Project Manager:	P. Scherff/K. Reed
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$5,000
Public Art Requirement:	Exempt

Description/Justification:

This project consists of the installation of four or more monuments at select entry locations throughout the City. The desired artwork will need to incorporate "City of Brentwood" into its design. The project's purpose is to improve the identity of the City at the four major entry points. These locations will need to be illuminated and highly visible. The Arts Commission will be an active partner in making a recommendation to City Council. This project has carried over from the City's Strategic Plan for FY 2016/17 and FY 2017/18.

Supplemental Information:

Funding consists of \$286,383 from Capital Infrastructure, \$100,000 from Public Art Administration and \$400,000 from the Public Art Acquisition fund.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal	2,000	6,000					\$ 8,000	
90040	Planning and Design	10,525	45,475					\$ 56,000	
90050	Construction	85,000	544,883					\$ 629,883	
90070	Project Administration	2,500	78,000					\$ 80,500	
90100	Land/ROW/Acquisitions		12,000					\$ 12,000	
TOTAL		\$ 100,025	\$ 686,358					\$ 786,383	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
Other		100,025	686,358						\$ 786,383
TOTAL		\$ 100,025	\$ 686,358						\$ 786,383

Project Title:

Project #:

Citywide Sign/Identification Program

337-37207



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	K. Reed
Project Priority:	3A - Desirable
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$10,000
Public Art Requirement:	Applicable

Description/Justification:

The design and development of an informational and directional sign program for the City which will include directional signage to and within the Downtown/Civic Center core and other Brentwood destinations. This project is consistent with the General Plan's Community Design Element, Policy 3.3.2, Policy 3.3.3 and Policy 3.3.4. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

In 2011, the first phase of this project was completed with the installation of 26 wayfaring and identification signs throughout the City along major corridors. In 2015, additional signs were installed near the State Route 4 and Sand Creek Road interchange, and the State Route 4 and Balfour Road intersection identifying directions to the Downtown area. The next phase will include creating additional wayfinding signs on major arterials.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design	15,166	10,000					\$ 25,166	
90050 Construction	12,334	92,500					\$ 104,834	
TOTAL	\$ 27,500	\$ 102,500					\$ 130,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47100 General Fund	27,500	7,500						\$ 35,000
47256 Development Impact Fees		95,000						\$ 95,000
TOTAL	\$ 27,500	\$ 102,500						\$ 130,000

Project Title:

Project #:

Community Build-Out Plan

337-37245



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	C. McCann
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will design a plan for the phasing of future development in selected areas identified on the General Plan Land Use Map which are targeted for future development and are currently outside the City's corporate city limits. This project will be completed by planning and environmental consultants approved by the City Council. Work products will include a master plan and environmental impact report. The City Council recognized this project as important for including a public outreach process and preparing a plan for defining the City's vision and goals for designated build-out areas. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	125,000	225,000	100,000				\$ 450,000	
90070	Project Administration	25,000	25,000					\$ 50,000	
TOTAL		\$ 150,000	\$ 250,000	\$ 100,000				\$ 500,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47100	General Fund	150,000	150,000	100,000	100,000				\$ 500,000
TOTAL		\$ 150,000	\$ 150,000	\$ 100,000	\$ 100,000				\$ 500,000

Project Title:

Project #:

Development Services Software

337-37197



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	C. McCann
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$17,700
Public Art Requirement:	Exempt

Description/Justification:

Purchase, install and maintain licensing on a fully integrated enterprise software solution for development services automation. A fully integrated solution will provide full functioning workflow for all departments which are involved in the development process, as well as automate the full range of permitting presently issued by the various City departments. This project will also allow cross platform integration of data between OneSolution, the City's financial software, and the City's Geographic Information Services software. This project is necessary to improve customer service and customer satisfaction by dramatically improving workflow and output through the various departments in the City. Currently, the majority of processes of the City's Planning and Building departments are manual, often necessitating duplicate work effort.

Supplemental Information:

This software is up and running with positive results. The project balance will be spent on minor software modifications and training necessary to better improve functionality. The project funding is divided among the following Development Impact Fee Funds: Roadway - \$146,520; Parks and Trails - \$98,145; Water - \$97,290; Wastewater - \$58,095 and Community Facilities - \$49,950. Future annual O&M costs will be paid out of the operating budgets of the departments utilizing the system.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
90040 Planning and Design	42,368						\$ 42,368	
90050 Construction	376,147	24,368					\$ 400,515	
90070 Project Administration	7,117						\$ 7,117	
TOTAL	\$ 425,632	\$ 24,368					\$ 450,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47 - Var Development Impact Fees	425,632	24,368						\$ 450,000
TOTAL	\$ 425,632	\$ 24,368						\$ 450,000

Project Title:

Project #:

Fire Station #53 (Shady Willow)

337-37030



Project Category:	Community Facilities Improvements
Location:	Northwest corner of Grant Street and Shady Willow Lane
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Applicable

Description/Justification:

Construct a new fire station, approximately 7,000 sq. ft. in size, to provide an additional fire facility within the City. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

Funding for this project derives from Fire Development Impact Fees which are collected on all new residential and non-residential projects in the City. It is intended for this facility to be owned by the City and leased for operation and maintenance to the fire service provider. Approval of the site and design occurred in September and October of 2005. The property has been purchased and the utility work has been completed for this project. Fire station priorities have been adjusted, thus the completion of this project has been adjusted accordingly. The future annual O&M impact is currently undetermined at this time.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90040	Planning and Design	333,602		50,000				\$ 383,602	
90050	Construction	12,500		5,271,000				\$ 5,283,500	
90070	Project Administration			527,000				\$ 527,000	
90100	Land/ROW/Acquisitions	351,295						\$ 351,295	
TOTAL		\$ 697,397		\$ 5,848,000				\$ 6,545,397	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47257	Fire Fees	697,397			5,848,000				\$ 6,545,397
TOTAL		\$ 697,397			\$ 5,848,000				\$ 6,545,397

Project Title:

Project #:

Library - New Construction

337-37241

Brentwood Library



Project Category:	Community Facilities Improvements
Location:	104 to 120 Oak Street
Project Manager:	G. Vina/G. Leech
Project Priority:	1E - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$495,000
Public Art Requirement:	Applicable

Description/Justification:

The Library - New Construction project consists of tearing down 104, 118 and 120 Oak Street, including the annex, and building a new library that is two stories tall but with only a partial upper story (mezzanine). The project will include an outdoor space for library patrons and an entrance courtyard. The total approximate square footage is 20,275. These costs include the temporary relocation of the library during construction. In order to adequately accommodate the needs of Brentwood residents, the future library will be constructed on the City-owned parcel of 104, 118 and 120 Oak Street. The proposed structure will support Brentwood's build-out population.

Supplemental Information:

The bond proceeds funding consists of \$7.9M of remaining Community Facilities District bond proceeds and \$5.6M of bond proceeds resulting from the issuance of the 2015 Lease Financing which utilizes prior bond refinancing savings for repayment. By Resolution No. 2018-01, City Council approved the MOU between the City and the Library Foundation to accept monetary donations from the Foundation and amend the CIP as donations are received. This is a multi-year project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
70239	Legal	42,000	33,000					\$ 75,000
90040	Planning and Design	1,170,200	146,226					\$ 1,316,426
90050	Construction	10,230,000	1,538,178					\$ 11,768,178
90070	Project Administration	310,000	180,396					\$ 490,396
TOTAL		\$ 11,752,200	\$ 1,897,800					\$ 13,650,000

PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
47 - Var	Bond Proceeds	11,602,200	1,497,800	400,000				\$ 13,500,000
	Contributions	150,000						\$ 150,000
TOTAL		\$11,752,200	\$ 1,497,800	\$ 400,000				\$ 13,650,000

Project Title:

Project #:

Municipal Service Center

337-37206



Project Category:	Community Facilities Improvements
Location:	2201 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$25,000
Public Art Requirement:	Applicable

Description/Justification:

This project will provide an approximately 15,000 square foot operations staff building that will accommodate an estimated 59 crew members and 11 operations administrative employees currently housed in trailers. The building will include work areas, a locker room for crews, kitchen, break/conference room, storage areas and a Department Operations Center, which may supplement the needs of the existing Emergency Operations Center at the Police Station, if necessary. These improvements will increase operational efficiency by consolidating maintenance functions and streamline operations. The Corporation Yard currently lacks the necessary improvements to effectively and efficiently operate. In particular, Public Works Operations currently utilizes temporary trailers requiring on-going costs to maintain; storage facilities are inadequate and additional paved access is required. Permanent buildings and other improvements are more cost effective and operationally efficient.

Supplemental Information:

This project is funded as follows: Community Facilities Development Impact Fees funding of \$1,654,480; and \$50,000 each from Solid Waste, Water, and Wastewater Enterprises. 2015 Lease Financing proceeds will fund the balance of the project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal	20,480						\$ 20,480	
90040	Planning and Design	528,000						\$ 528,000	
90050	Construction	4,000,000	2,600,000					\$ 6,600,000	
90070	Project Administration	275,000	181,000					\$ 456,000	
TOTAL		\$ 4,823,480	\$ 2,781,000					\$ 7,604,480	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47256	Development Impact Fees	1,654,480							\$ 1,654,480
47 - Var	Enterprise	150,000							\$ 150,000
47 - Var	Bond Proceeds	3,019,000	2,781,000						\$ 5,800,000
TOTAL		\$ 4,823,480	\$ 2,781,000						\$ 7,604,480

Project Title:

Project #:

PEG Cable TV Access



Project Category:	Community Facilities Improvements
Location:	150 City Park Way
Project Manager:	M. Hamblin
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2022/23
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will explore the City's options for providing Public, Education and Government (PEG) public access channels to Brentwood residents. This project includes conducting a technological needs assessment for the program, creating a business plan for the cable access TV station and reviewing all legal aspects of the program. This project will advance the City's communication efforts and provide community-based television viewing options for residents. The current franchise agreement with Comcast requires them to provide funding for capital equipment to provide these PEG channels.

Supplemental Information:

The total cost of this project is dependent on how the City plans to participate in the delivery of the service. Because of the unknowns associated with this project, future annual O&M costs cannot be determined at this time.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal						50,000	\$ 50,000	
90040	Planning and Design						400,000	\$ 400,000	
90050	Construction						343,000	\$ 343,000	
90070	Project Administration						50,000	\$ 50,000	
TOTAL							\$ 843,000	\$ 843,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47285	PEG Media							843,000	\$ 843,000
TOTAL								\$ 843,000	\$ 843,000

Project Title:

Project #:

Surveillance Camera and Storage System Upgrade

337-37238



Project Category:	Community Facilities Improvements
Location:	9100 Brentwood Boulevard and 150 City Park Way
Project Manager:	Y. Cho
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$10,000
Public Art Requirement:	Exempt

Description/Justification:

Upgrade 54 analog coax cameras, located at the Police Station, to current technology with a network based camera system, and update the storage systems for the Police facility; Civic Center; Public Works Corporation Yard; Aquatic Complex; Senior Center and Veterans Park. This project will also replace outdated surveillance cameras located in the parking area of the Police facility, as well as interrogation rooms. The necessary equipment will store one full year of video data as required by California State Code. The current Police cameras do not provide enough resolution, are outdated and have reached the end of their useful lifecycle.

Supplemental Information:

This project is funded through the Information Systems Replacement Fund.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050	Construction	230,000	10,000					\$ 240,000	
TOTAL		\$ 230,000	\$ 10,000					\$ 240,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47703	Replacement - Information Systems	230,000	10,000						\$ 240,000
TOTAL		\$ 230,000	\$ 10,000						\$ 240,000

Project Title:

Project #:

Veterans Park Gazebo



Project Category:	Community Facilities Improvements
Location:	3841 Balfour Rd
Project Manager:	J. Campero
Project Priority:	3A - Desirable
Project Phase:	Preliminary
Est. Completion Date:	N/A
Future Annual O&M Impact:	\$200
Public Art Requirement:	Exempt

Description/Justification:

Through donations of money, materials and labor, a community gazebo will be constructed in Veterans Park.

Supplemental Information:

In order to facilitate the administration of this project, staff will adjust the expenditure budget as donations are received, with a maximum expenditure budget equal to the amount of donations received. In no circumstances will current City funds be utilized for construction of this project without Council approval. The anticipated ongoing maintenance costs are estimated to be \$200 per year. Future maintenance costs will be included in the General Fund operating budget once the gazebo has been constructed.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES	Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
90050 Construction								
TOTAL								
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
Contributions								
TOTAL								

Project Title:

Project #:

Vineyards at Marsh Creek - Event Center/Amphitheater

337-37231



Project Category:	Community Facilities Improvements
Location:	Subdivision 8796, west of State Route 4, north of Marsh Creek Road, south of Fairview Avenue
Project Manager:	B. Mulder
Project Priority:	1D - Mandatory
Project Phase:	Design
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$145,000
Public Art Requirement:	Exempt

Description/Justification:

The Vineyards at Marsh Creek development will include construction of an outdoor amphitheater and event center. According to the project development agreement, Trilogy shall pay a total of \$3.5 million, plus interest, for development of the facility. Additional funding from the Vineyards Projects Fund of \$3.4 million will enable the amphitheater to be constructed as part of phase one. The City is working with the project developer to develop a comprehensive plan for this project site. Construction of phase one is anticipated to begin in FY 2019/20. This project is part of a development agreement between the City of Brentwood and the developer of the Vineyards at Marsh Creek. It meets the requirements of the City's General Plan and the Parks, Trails and Recreation Master Plan. This project has carried over from the City's Strategic Plan for FY 2016/17 and FY 2017/18.

Supplemental Information:

The Event Center and Amphitheater project is in the very early stage of conceptual development. Staff hired landscape architects Royston Hanamoto Abey and Alley to help with the economic feasibility and design of this project. Initial work on the feasibility was completed and charged to the initial phase of this project, CIP No. 337-37208 in FY 2008/09. An additional market feasibility study is recommended to provide guidance on the market demand and successful operational model for the project. The study is planned to be completed in FY 2018/19. This project will be funded with \$3.8 million from the Vineyards Event Center Fund and \$3.4 million from the Vineyards Projects Fund. The expectation is that there will be a future phase of this project that will require further funding. Future annual O&M costs will be funded by a combination of General Fund and Landscape and Lighting Assessment District 06-3.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2018/19	2019/20	2020/21	2021/22	2022/23		
PROJECT EXPENDITURES								
70239 Legal	480						\$ 480	
90040 Planning and Design	13,837	430,545					\$ 444,382	
90050 Construction		3,355,138	3,400,000				\$ 6,755,138	
TOTAL	\$ 14,317	\$ 3,785,683	\$ 3,400,000				\$ 7,200,000	
PROJECT FUNDING	Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
	Funded	Carryover						
Other	14,317	3,785,683		3,400,000				\$ 7,200,000
TOTAL	\$ 14,317	\$ 3,785,683		\$ 3,400,000				\$ 7,200,000

Project Title:

Project #:

Zoning Ordinance Update

337-37228



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	C. McCann
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

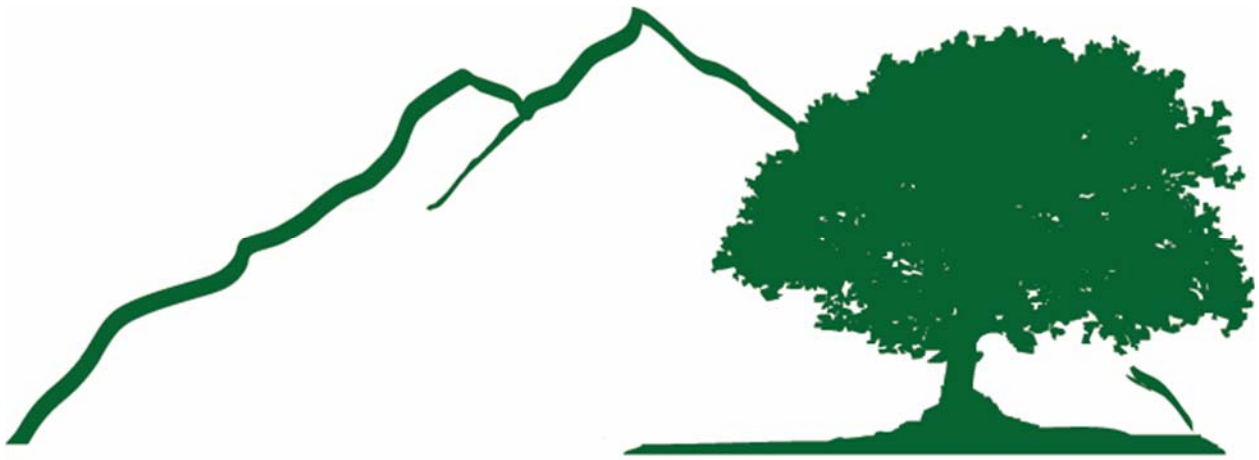
Description/Justification:

This project will provide a comprehensive update of the City's zoning ordinance to reflect the community's values, to be consistent with State law and professional best practices, to be consistent with the General Plan, to update and streamline development review processes, and to be written to be easily read, understood and implemented. This project will include a corresponding environmental impact report. The City Council recognized this project as necessary to bring the City's zoning ordinance into consistency with the General Plan. This project is part of the City's Strategic Plan for FY 2018/19 and FY 2019/20.

Supplemental Information:

This project will be facilitated by the Community Development Department and completed with the assistance of a primary Planning Consultant who will coordinate closely with City staff. The Zoning Ordinance Update will include extensive public outreach and community participation, focusing the work on issues most important to the community. The project is anticipated to take approximately 24 months to complete.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	
70239	Legal		12,500	12,500				\$ 25,000	
90040	Planning and Design		175,000	175,000				\$ 350,000	
90070	Project Administration		12,500	12,500				\$ 25,000	
TOTAL			\$ 200,000	\$ 200,000				\$ 400,000	
PROJECT FUNDING		Prior		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL
		Funded	Carryover						
47100	General Fund			200,000	200,000				\$ 400,000
TOTAL				\$ 200,000	\$ 200,000				\$ 400,000



This page intentionally left blank.

The Future Improvements section includes any improvements that are planned, but currently unfunded.

Apple Hill Drive Sewer Diversion

Project Manager: J. Samuelson

Location:

Apple Hill Drive to Wildcat Lane

Description/Justification:

Install 900' of 21" sewer main from Apple Hill Drive to Wildcat Lane and modify the overflow connection at the intersection of Balfour Road and Cortona Way. The Apple Hill Drive sewer main is a 21" sewer pipe, which transitions to a 10" sewer pipe after 785 Apple Hill Drive to Central Boulevard. A 21" sewer pipe extension is in place from Apple Hill Drive going north. This 21" extension can be extended further north and connected to the existing 21" sewer pipe in Wildcat Lane at the intersection of Buena Vista Street. This diversion and overflow connection modification will remove the potential for surcharging in the 10" Central Boulevard sewer main. This project will only be required if the area along the west end of the City is annexed within the City limits and developed.

Brentwood Boulevard and Guthrie Lane Traffic Signal

Project Manager: S. Kersevan

Location:

Brentwood Boulevard and Guthrie Lane

Description/Justification:

This project will construct a traffic signal and related intersection improvements including signage, striping and handicap ramps at the intersection of Brentwood Boulevard and Guthrie Lane. The Police Station is located in the southeast corner of this intersection. There is a possibility that once the vacant lots near this intersection develop, the developers will pay their fair share of this traffic signal. Currently, the traffic conditions do not warrant a traffic signal at this location; however, the City is monitoring traffic levels and will re-evaluate the situation if the need arises. The Pike project, or Harvest Commerce Center, located on the northeast corner, paid \$5,400 for their fair share of the traffic signal. Current cost estimate for this project is \$300,000.

Brentwood Boulevard Widening North - Phase II

Project Manager: J. Samuelson

Location:

Brentwood Boulevard from Homecoming Way to Lone Tree Way

Description/Justification:

This project will continue the widening of Brentwood Boulevard (120' right-of-way) with two lanes in each direction (approximately 2,300') and will include: two bike lanes; curbs; gutters; sidewalks; street lights and minor landscaping on each side of the roadway. This project will also include the traffic signal modification at Brentwood Boulevard and Lone Tree Way and moving the overhead power lines, telephone lines and cable lines underground, where feasible. This project will improve safety, traffic flow and facilitate adjacent development. Brentwood Boulevard Widening North is broken up into three phases. Phase II is from Homecoming Way to Lone Tree Way. The City will be applying for Federal grants as they become available. Current cost estimate for this project is \$9,500,000.

Brentwood Boulevard Widening North - Phase III

Project Manager: J. Samuelson

Location:

Brentwood Boulevard from Lone Tree Way to 200' south of Delta Road

Description/Justification:

This project will continue the widening of Brentwood Boulevard (120' right-of-way) with two lanes in each direction (approximately 2,400') and will include: bike lanes; curbs; gutters; 16' medians; sidewalks, street lights and landscaping on each side of the roadway. This project will also include moving the overhead power lines, telephone lines and cable lines underground, where feasible. This project will improve safety, traffic flow and facilitate adjacent development. Brentwood Boulevard Widening North is broken up into three phases. Phase III is from Lone Tree Way to 200' south of Delta Road. The City will be applying for Federal grants as they become available. Current cost estimate for this project is \$10,500,000.

Brentwood Boulevard Widening South

Project Manager: J. Samuelson

Location:

Brentwood Boulevard from Chestnut Street to Fir Street

Description/Justification:

This project will continue the widening of Brentwood Boulevard (100' right-of-way) with two lanes in each direction (approximately 1,500 LF), from Chestnut Street to Fir Street, to improve vehicular movement through the City. The project will include: bike lanes; curbs and gutters; medians; sidewalks; street lights and landscaping. This project will improve traffic flow and provide smooth progression along Brentwood Boulevard. The City began to maintain this roadway in 2012 when the California Department of Transportation relinquished Brentwood Boulevard to the City. This project is part of the City's overall Master Plan and is expected to be constructed at a later date. Current cost estimate for this project is \$8,600,000.

City Fiber Optic Connection - Phase II

Project Manager: J. Samuelson

Location:

Citywide

Description/Justification:

A Fiber Optic Master Plan is being developed to determine the locations needed to complete a fiber optic ring. This project will install fiber to various City facilities including; parks, water reservoirs, pump stations, and traffic signals. The additional fiber connections will give the City a redundant network path, bring availability of gigabit services to connected facilities and will lay the groundwork for future technology improvements such as the installation of surveillance cameras and expansion of the City's WiFi network into additional City parks. The project is currently unfunded, but will be implemented in phases based on priority as funding becomes available. Current cost estimate for this project is \$1,100,000.

Empire Avenue Elementary School/Park - Phase II

Project Manager: D. Hill

Location:

Corner of Empire Avenue and East Bay Municipal Utility District Aqueduct

Description/Justification:

This 4.3 acre school/neighborhood park will be built adjacent to Pioneer Elementary School which opened in July 2004. This plan follows the joint school/neighborhood park development plan between the City and Brentwood Union School District to develop neighborhood parks adjacent to elementary and middle schools. This school/neighborhood park will meet the needs of a neighborhood park in this area as designated by the June 2002 Parks, Trails and Recreation Master Plan. Land for the park was purchased in FY 2002/03 as part of Phase I of this project, (CIP No. 522-52230); however, Phase II of the project is currently unfunded.

Fire Station #54 (Replace Downtown)

Project Manager: J. Samuelson

Location:

North side of East Sand Creek Road, West of Garin Parkway

Description/Justification:

Construct a new fire station to primarily serve the eastern area of the City. This station will replace the existing Fire Station #54, located in the downtown area at 745 First Street. When completed, it is intended that the facility will be owned by the City and leased for operation to the service provider. Approval of the site occurred in September of 2005 as part of the Barrington project by DeNova Homes, Subdivision No. 8548. The City and the Fire District are exploring various funding options for this project, including grants. Additional funding will be allocated from future Fire Fees collected from development. The future annual O&M impact is currently undetermined at this time. Current cost estimate for this project is \$7,100,000.

Gregory Lane and Sunrise Drive Drainage Improvements

Project Manager: J. Samuelson

Location:

Gregory Lane and Sunrise Drive

Description/Justification:

This project will widen the existing pavement on Gregory Lane and Sunrise Drive; install curb and gutter and new storm drain pipe to improve drainage. The existing roadways rely on drainage swells to drain water to the channel. Portions of the drainage swells have been filled by residents wanting on-street parking in front of their homes. Other portions of the drainage swell do not appear to operate as originally designed. These problems have caused City crews to respond to reports of flooding on multiple occasions. This project is currently unfunded. Funding sources, such as grants, will be explored. Current cost estimate for this project is \$1,500,000.

Joint Use Sport Fields - LUHSD

Project Manager: B. Mulder

Location:

850 2nd Street

Description/Justification:

This is a joint use project between the City and the Liberty Union High School District (LUHSD) for the installation of all-weather sport fields with lights at the Liberty High School campus. With the growth of year round sport seasons at the competitive level, traditional turf fields are not able to handle year round play due to inclement weather and the need to renovate turf fields on a yearly basis. The City and LUHSD have a long history of developing joint use facilities. This project will investigate the feasibility of replacing existing turf fields at Liberty High School campus with all-weather sport fields, plus lighted ball fields.

Marsh Creek Sewer Constriction Upgrade

Project Manager: J. Samuelson

Location:

Marsh Creek sewer crossing, north of Sunset Road, between sewer manholes 2450 and 2462

Description/Justification:

The existing 12" sewer main crossing at Marsh Creek, for the Lone Tree Way sewer trunk main, is currently adequate, but in the future will constrict the sewer flow and cause upstream surcharges when upstream development resumes. To prevent the potential for this surcharge, and to accommodate future development growth, an 18" replacement or 12" parallel sewer main crossing is recommended by the Brentwood Wastewater Collection System Master Plan Update. Current cost estimate for this project is \$375,000.

Oak Street and Garin Parkway Traffic Signal

Project Manager: S. Kersevan

Location:

Oak Street and Garin Parkway

Description/Justification:

Construct a fully-equipped traffic signal and intersection improvements including signing and striping. This project will improve traffic flow for motorists and pedestrians. Currently, the traffic patterns do not require a traffic signal at this location; however, the City will periodically evaluate this intersection to determine the need for a traffic signal. Signature Properties, Subdivision No. 8534 and Standard Pacific, Subdivision No. 8548, have paid \$5,527 and \$10,000 respectively into Development Impact Fees for their fair share of the traffic signal. Current cost estimate for this project is \$300,000.

Sand Creek Park - Phase II

Project Manager: D. Hill

Location:

Sand Creek Road and Fairview Avenue

Description/Justification:

A thirteen acre neighborhood/community park site that fulfills the community park need for northwest Brentwood, as defined by the June 2002 Parks, Trails and Recreation Master Plan. Phase I included the purchase of 2.17 acres of land and the purchase of the adjacent parcel, to assemble the 13 acres for the park. Future construction of the park is unfunded at this time.

Water Distribution System Blending Facility

Project Manager: J. Samuelson

Location:

In the vicinity of Lone Tree Way and O'Hara Avenue intersection
(Exact location TBD upon further evaluation)

Description/Justification:

This project encompasses the planning, design, and construction of a Water Distribution System Blending Facility. The Water Distribution System Blending Facility will blend surface water from the City's water treatment plant with groundwater pumped from production wells, to produce up to 6 million gallons per day of aesthetically-pleasing blended drinking water. A Water Distribution System Blending Facility is needed to dilute dissolved minerals from the local groundwater. Diluting the dissolved minerals eliminates the need for water softeners. The blending facility will also provide the ability to: 1) increase groundwater capacity by drilling additional production wells, if needed, and 2) meet state regulations on total dissolved

solids required for new groundwater wells. The proposed blending facility will be constructed and operated as water demands dictate. The project will ultimately be funded from Water Replacement and Water Development Impact Fee Funds. Grant funding will also be explored for the project. Current cost estimate for this project is \$8,500,000.

Windsor Way Park Expansion

Project Manager: D. Hill

Location:

Sycamore Court and Sycamore Avenue

Description/Justification:

This project consists of the expansion of Windsor Way Park to include an open space grass area on a portion of the adjacent City-owned, two-acre parcel. The park expansion will add needed community facilities to an existing, very small, park that currently only contains a play apparatus and basketball court.



This page intentionally left blank.

The Development Improvements section includes any improvements to be developed or constructed by a developer or builder in conjunction with the improvements necessary to support their project. These improvements will ultimately be offered for dedication to the City. For the purposes of this document, the Development Improvements are those that provide an area-wide benefit not specific to the project.

Alvernaz Neighborhood Park

Project Manager: D. Hill

Location:

Subdivision 9412, 2700 Empire Avenue

Description/Justification:

A reimbursable park space totaling 0.73 acres to be developed as a condition of approval for Subdivision No. 9412. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan. Developer to be reimbursed per acre per the Development Impact Fee Program and the funding is based on a 5-year development reimbursement agreement.

Amber Lane Improvements - Phase II

Project Manager: J. Campero

Location:

Amber Lane from Jeffrey Way to Shady Willow Lane

Description/Justification:

This project includes 1,300 LF of local road, with 60' right-of-way, from Jeffery Way to Shady Willow Lane. Project also includes 12" water line, 8" non-potable water line, 10" sanitary sewer line and necessary storm drain lines, a soundwall, if needed, and updating existing improvements per the latest ADA Standards. This project will improve circulation around the elementary school and park site and to facilitate adjacent developments. This project will be built by adjacent properties when they develop. It will be incorporated in the developer's conditions of approval and will be funded by the developer. Current cost estimate for this project is \$1,400,000.

American Avenue Extension

Project Manager: J. Campero

Location:

American Avenue from the existing end of improvements along Heritage High School and Adams Middle School back to Balfour Road

Description/Justification:

This project includes approximately 3,900 LF of 140' wide right-of-way, with 16' median; two lanes in each direction; bike lane; approximately 20' of landscape on both sides of the street and updating existing improvements per the latest ADA Standards. This project will also construct the following utility lines: water line; non-potable water line; sanitary sewer line and storm drain line. In addition, a traffic signal will be required at the intersection of Balfour Road and American Avenue Extension. This project will facilitate adequate circulation to the adjacent properties should they be annexed and developed. This project is currently outside the City limits and urban limit line but within the City's planning area and General Plan. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. Current cost estimate for this project is \$8,200,000.

Anderson Lane Widening

Project Manager: J. Campero

Location:

Anderson Lane from Lone Tree Way north to Neroly Road

Description/Justification:

Widening of existing Anderson Lane to a two-lane collector street 60' wide, approximately 2,600 LF of road, including: extension of water and sewer; the addition of one lane; an 8' bike lane in each direction; landscaping on each side of the road; a 5' detached sidewalk and updating existing improvements per the latest ADA Standards. Full improvements are for 920 LF of roadway and 1,680 LF of widening. This project is necessary to facilitate development in the area and to improve traffic flow. Some of the improvements (new sidewalk, pavement widening, street lights and landscaping) on the west side of the street were the responsibility of Pulte Homes, Brentwood Parks Subdivision and have been constructed. The remaining unimproved portions of this street will be incorporated in future developer's conditions of approval and will be funded by a developer. Current cost estimate for this project is \$2,000,000.

Armstrong Road Extension West

Project Manager: J. Campero

Location:

Armstrong Road extending westerly from Walnut Boulevard to 700' east of Date Nut Street

Description/Justification:

Extend 1,200 LF of Armstrong Road to a residential collector street, with 60' of right-of-way, consisting of a travel lane, bike lane, and sidewalk on each side from the existing terminus approximately 700 feet east of Date Nut Street to Walnut Boulevard. This project is necessary to improve traffic flow and circulation to accommodate adjacent developments. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. Road alignment is not determined at this time, but will be when development proceeds. Current cost estimate for this project is \$1,300,000.

Balfour Road Widening West

Project Manager: J. Campero

Location:

Balfour Road extending from American Avenue toward Deer Valley Road

Description/Justification:

Widen 7,300 LF of existing Balfour Road to a 140' arterial street consisting of curbs; gutters; sidewalks; bike lanes; landscaping; 12" sewer line; 16" water line; existing 12" non-potable water line, storm drain; median; landscaping and two lanes in each direction. Also, this project will construct the south portion of Balfour Road (approximately 800 LF) from American Avenue west to the City limit line and update all existing improvements per the latest ADA Standards. This project is required to improve traffic flow and safety and to provide adequate access to school sites for the orderly development of the area. This project is currently outside the City limits and urban limit line but within the City's planning area and General Plan. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. Current cost estimate for this project is \$13,000,000.

Capital Parkway

Project Manager: J. Campero

Location:

North of Sand Creek Road through Bridle Gate Development Commercial Parcel

Description/Justification:

Roadway improvements consisting of a four lane modified arterial street section, and 96' right-of-way, for approximately 1,300'. Improvements consist of a bridge over Sand Creek and four 12' lanes with median; storm drain; sewer; water; bike lane and sidewalk. To improve and facilitate the orderly development of the adjacent business park properties. The adjacent developer will construct the roadway to its ultimate width. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. Current cost estimate for this project is \$6,000,000.

Empire Avenue Extension North - Phase II

Project Manager: J. Campero

Location:

Empire Avenue from 400 feet north of Lone Tree Way to City limits

Description/Justification:

Complete the widening on the east side of Empire Avenue to an arterial street, with 140' right-of-way, for 3,200' in length consisting of curbs; gutters; sidewalks; bike lanes; landscaping and median, including the undergrounding of overhead utilities and 12" non-potable water line. This project is necessary to improve traffic flow and safety and facilitate the adjacent development. The project will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding is based on a 5-year development reimbursement agreement. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. This project will only widen lanes on the east side of the street, as the west half of the street is the City of Antioch's responsibility. Current cost estimate for this project is \$4,000,000.

Fairview Avenue Improvements - Phase VII

Project Manager: J. Campero

Location:

Fairview Avenue from Grant Street to approximately Fairview Court

Description/Justification:

Complete the widening of existing Fairview Avenue for 1,800 LF on the west side with wall, curb, gutter; sidewalk; water (existing 20" water line and proposed 12" non-potable water line) and 12' proposed sewer and service lines to the west side properties as a residential collector street. This project will improve traffic flow and safety and facilitate adjacent development. This project will be incorporated in the developer's conditions of approval and will be funded by the developer when the adjacent properties are developed. Current cost estimate for this project is \$2,300,000.

Fairview Avenue Improvements - Phase VIII

Project Manager: J. Campero

Location:

Fairview Avenue from Sand Creek Road to Apricot Way

Description/Justification:

Complete the widening of existing Fairview Avenue for 1,600 LF on the west side with wall, curb; gutter; sidewalk; fiber optic; existing 20" water line; non-potable water line (8" existing and proposed); sewer (8"

existing and proposed) and utility services to the west side properties as a residential collector street. This project will improve traffic flow and safety and facilitate adjacent development. This project will be incorporated in the developer's conditions of approval and will be funded by the developer when the adjacent properties are developed. Current cost estimate for this project is \$1,900,000.

Heidorn Ranch Road - Phase II

Project Manager: J. Campero

Location:

Heidorn Ranch Road from EBMUD Aqueduct to the Sand Creek Road Extension west of State Route 4

Description/Justification:

Roadway improvements consisting of a four-lane arterial street section, and 140' right-of-way, for approximately 3,700'. Improvements consist of 12' lanes with 16' median; storm drain; 12" sewer; 16" water line; 12" non-potable water line; bike lane; meandering sidewalk with landscaping on both sides of the roadway and updating all existing improvements with the latest ADA Standards. It is anticipated that the cost of road improvements will be shared with the City of Antioch. This project will improve and facilitate the orderly development of the adjacent properties. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program and a portion will be shared with the City of Antioch. Current cost estimate for this project is \$10,000,000.

John Muir Parkway Widening

Project Manager: J. Campero

Location:

John Muir Parkway from Eagle Rock Avenue to the north boundary of Deer Creek Subdivision 8352

Description/Justification:

Widen approximately 1,140 LF of John Muir Parkway to collector street with 96' right of way, including curb; gutter; 18" storm drain; 12" sewer line; there are existing 12" water line and 12" non-potable water lines; 5' sidewalk; irrigation; landscaping in the median and on both sides of the street, wall, if and where needed, and updating all existing improvements per the latest ADA Standards. This road will replace the existing Concord Avenue to provide better north/south traffic circulation and access to surrounding properties. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. Current cost estimate for this project is \$1,300,000.

Lone Tree Way Sewer Interceptor

Project Manager: J. Campero

Location:

Lone Tree Way from Arroyo Seco Road to the Wastewater Treatment Plant

Description/Justification:

Install 2,200' of 18" sewer main on Lone Tree Way from Arroyo Seco Road, until it crosses Marsh Creek, to the Wastewater Treatment Plant. This new interceptor sewer main will service the northerly region of Brentwood, currently not under any sewer treatment service, and will also relieve some of the flow from the old sewer system to the Wastewater Treatment Plant. The Brentwood Wastewater Collection Systems Master Plan Update has identified the need for adding an interceptor sewer main to service the northerly and westerly regions of Brentwood as development progresses. The current sewer system is inadequate for future development flows. It is more cost effective to build the new interceptor sewer main than to upsize the old sewer system. This project will be incorporated in a developer's conditions of approval and

the City will reimburse the developer per the City's Development Impact Fee Program. Current cost estimate for this project is \$1,000,000.

Lone Tree Way Widening - O'Hara Avenue

Project Manager: J. Campero

Location:

Lone Tree Way from O'Hara Avenue westerly 600 LF

Description/Justification:

This project will widen Lone Tree Way, approximately 600 LF, west from the intersection at O'Hara Avenue with 164' of right-of-way. The project consists of three lanes in each direction; bike lanes; curb; gutter; median; sidewalk; landscaped parkway on each side of the road and street lights. This project will include modification of the traffic signal at O'Hara Avenue and update all existing improvements per the latest ADA Standards. This project will improve public safety, traffic flow and circulation. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding is based on a 5-year development reimbursement agreement. Most of this roadway project has been constructed, except for the southern roadway portion (eastbound), west of O'Hara Avenue, to the eastern boundary of Subdivision No. 8546. It is anticipated that these remaining improvements will be completed when these properties develop. Current cost estimate for this project is \$1,200,000.

Lone Tree Way Widening - Brentwood Boulevard

Project Manager: J. Campero

Location:

Lone Tree Way from O'Hara Avenue to Brentwood Boulevard

Description/Justification:

Approximately 5,200 LF of divided roadway improvements consisting of widening the roadway (two lanes in each direction); installing 16' wide medians; curbs; gutters; AC pavement; aggregate base; sidewalk; walls; non-potable water line; landscaping; drainage, undergrounding of OH lines and utility relocations. The project also includes acquiring the necessary 140' wide of right-of-way. Widening the roadway up to two lanes in each direction and installing left turn lanes facilitate the adjacent developments. This project will continue improvements to the roadway started by the Lone Tree Way Overlay project, CIP No. 336-31300. This project will be incorporated in the adjacent developer's conditions of approval and will be partially funded by development contributions and Roadway Development Impact Fees. Current cost estimate for this project is \$7,800,000.

Marsh Creek Road Widening

Project Manager: J. Campero

Location:

Marsh Creek Road between Vineyards Parkway and Walnut Boulevard

Description/Justification:

Widen 6,815 LF of existing Marsh Creek Road to a 140' arterial street consisting of: curbs; gutters; sidewalks; bike lanes; landscaping; approximately 600 LF of 15" sanitary sewer line across Marsh Creek; 16" water line; 12" non-potable water line; 18" storm drain line; median and two lanes in each direction. This project is required to improve traffic flow and safety. This project will be incorporated in future developer's conditions of approval and will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. Current cost estimate for this project is \$11,500,000.

Minnesota Avenue Realignment

Project Manager: J. Campero

Location:

Minnesota Avenue at Grant Street west of Union Pacific Railroad

Description/Justification:

This project proposes to realign Minnesota Avenue westerly, away from the Union Pacific Railroad crossing, to create a tangent intersection with Grant Street. These improvements will consist of a 60 feet wide residential collector street, with full improvements, for approximately 1,600 LF. Necessary to provide room for the future undercrossing of Grant Street across the Union Pacific Railroad tracks as part of the City's Roadway Master Plan. This project will be incorporated in the conditions of approval of the surrounding developments and will be funded by the developers. A small portion of the roadway improvements were constructed by Subdivision No. 8808. Current cost estimate for this project is \$1,700,000.

Minnesota Avenue Widening

Project Manager: J. Campero

Location:

Minnesota Avenue from Balfour Road to Woodside Drive

Description/Justification:

This project will include 950 LF of widened street, plus the installation of curb; gutter; sidewalk; bike lane and landscape on the west side of Minnesota Avenue. This project increases the right-of-way from the existing 57' to 84' and will be constructed as the adjoining properties develop. Construction of this roadway widening will facilitate adjacent development. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. Current cost estimate for this project is \$1,000,000.

Northeast Annexation Infrastructure

Project Manager: J. Campero

Location:

South of Delta Road between City limits and Marsh Creek

Description/Justification:

This project consists of extending Lone Tree Way, approximately 2,000 LF eastward, and a 2,500 LF roadway connection north to Delta Road. These road segments will be constructed as a two-lane collector, with 60' right-of-way and utility infrastructure. A 12" water line service is proposed for the northeast corner of the City. If this area is annexed into the City, these roadway segments would serve the planned development of this area. There currently is no water line servicing the northeast corner of the City. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. Current cost estimate for this project is \$4,000,000.

O'Hara Avenue Improvements

Project Manager: J. Campero

Location:

O'Hara Avenue from Second Street to Sand Creek Road

Description/Justification:

This project will include 2,200 LF of widened to 96' collector street and installation of curb; gutter; sidewalk, walls; bike lane and landscaping in the center median and on each side of the street. The improvements will also include 8" non-potable line, 10" sanitary sewer line and joint trench with fiber optic. Construction

of this roadway will improve the northbound and southbound vehicular traffic. This project will be incorporated in the developer's conditions of approval and the majority will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. Current cost estimate for this project is \$3,000,000.

O'Hara Avenue Widening

Project Manager: J. Campero

Location:

O'Hara Avenue from Lone Tree Way to Neroly Road

Description/Justification:

Widen existing O'Hara Avenue from a two-lane road to a City standard, four-lane arterial (140' ROW) for a length of approximately 2,800', including landscape median; walls; 30" water line; 42" storm drain line 12" sanitary sewer line and 12" non-potable water line. Underground existing overhead lines. To provide additional traffic capacity along O'Hara Avenue to accommodate future development per the City's Roadway Master Plan. The majority of the street improvements have been completed by Pulte Homes and Richmond American Homes along their project frontage, except for a 1,600 LF segment of roadway. The remaining project improvements on the east side will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. Current cost estimate for this project is \$3,600,000.

Orfanos Neighborhood Parks

Project Manager: D. Hill

Location:

Subdivision 9428, 2800 Empire Avenue

Description/Justification:

Reimbursable park space totaling 2.50 acres. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan and is a condition of approval for Subdivision No. 9428. The developer is to be reimbursed per acre per the City's Development Impact Fee Program. A portion of the funding will be reimbursed from the City's Development Impact Fee Program.

Palermo Neighborhood Park

Project Manager: D. Hill

Location:

Subdivision 9421, west of Sellers Avenue, north of ECCID canal

Description/Justification:

Reimbursable park space totaling 1.44 acres. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan and is a condition of approval for Subdivision No. 9421. The developer is to be reimbursed per acre per the City's Development Impact Fee Program. A portion of the funding will be reimbursed from the City's Development Impact Fee Program.

Palmilla Neighborhood Parks

Project Manager: D. Hill

Location:

Subdivision 8729, north of Central Boulevard, east of Griffith Lane

Description/Justification:

Reimbursable park space totaling 7.5 acres. Neighborhood will include access to the Marsh Creek Trail, a portion of which will be re-constructed and landscaped with this project. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan and is a condition of approval for Subdivision No. 8729. The developer is to be reimbursed per acre per the City's Development Impact Fee Program. A portion of the funding will be reimbursed from the City's Development Impact Fee Program.

Parkside Villas Neighborhood Park

Project Manager: D. Hill

Location:

Subdivision 8982, north of Sand Creek, south of Apricot Way, west of Fairview Avenue

Description/Justification:

Reimbursable park space totaling 1.72 acres. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan and is a condition of approval for Subdivision No. 8982. The developer is to be reimbursed per acre per the City's Development Impact Fee Program. A portion of the funding will be reimbursed from the City's Development Impact Fee Program.

San Jose Avenue Extension - Phase II

Project Manager: J. Campero

Location:

West end of San Jose Avenue, adjacent to Brentwood Hills subdivision, continuing as a northwesterly extension to Sand Creek Road

Description/Justification:

Extend San Jose Avenue 2,300 LF, as a modified collector roadway of varying right-of-way (60'- 86') consisting of 12' travel lanes; 8' bike lanes in both directions; 5' sidewalk with parkway landscaping on each side; storm drain; water line and non-potable water line. The northerly extension, connecting to Sand Creek Road, will also include turn lanes onto Sand Creek Road. This project is required to improve traffic flow and safety and provides an alternate access to State Route 4 from the area west of State Route 4. It will also provide access for future commercial development in the northwest quadrant of the city. This project has been incorporated into the developer's conditions of approval, West Coast Home Builders TSM No. 8506, and will be funded by the developer except 16" Zone I water line. The developer is currently revising the project and this condition will be placed on the revised project. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. Current cost estimate for this project is \$2,500,000.

Sand Creek Road Extension - West of State Route 4

Project Manager: J. Campero

Location:

West end of Sand Creek Road continuing northwest to Heidorn Ranch Road

Description/Justification:

Extend Sand Creek Road approximately 2,200 LF from the westerly side of State Route 4 to Heidorn Ranch Road. Project improvements include travel lanes, bike lanes, and a landscaped parkway in each direction; a landscaped median; 16" Zone I and 12" Zone II water lines; 12" sewer line; 12" non-potable water line; a storm drain line; a bridge over Sand Creek; and a traffic signal at Sand Creek Road and San Jose Avenue. The project is required to serve the future commercial area west of SR 4 and north of Sand Creek Road,

and residential development south of Sand Creek Road. This project will also improve traffic flow in the west part of the City. This project has been incorporated into the developer's conditions of approval and will be funded by the developer. A portion of the funding is based on a 5-year Development Reimbursement Agreement. Current cost estimate for this project is \$8,000,000.

Sand Creek Road Improvements - Phase II

Project Manager: J. Campero

Location:

East Sand Creek Road from City limit to Sellers Avenue

Description/Justification:

Arterial street, consisting of 1,850 LF, with two lanes in each direction; bike lane; curb; gutter; median; sidewalk; wall; landscaping; 10" sanitary sewer line; 12" water and 12" non-potable water lines. This project will complete one of the major east/west corridors of the Roadway Master Plan. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. This project is currently outside the City limits and urban limit line but within the City's planning area and General Plan and will be built in conjunction with the development of adjacent property, if annexed. Current cost estimate for this project is \$3,600,000.

Sellers Avenue Widening

Project Manager: J. Campero

Location:

Sellers Avenue, south of Balfour Road, from southern boundary of Subdivision 7844 to City limits

Description/Justification:

Widen existing Sellers Avenue, approximately 1,377 LF with 96' right-of-way, to a residential collector street with 12" water line, 12" non-potable water line, wall and upgrading existing improvements per the latest ADA Standards. The 8" sanitary sewer line has already been installed, for approximately half of this distance. This project will improve the traffic flow and accommodate adjacent development. This project is incorporated in the developer's conditions of approval subdivision 9412 and 9421 and will be funded by the developer. Current cost estimate for this project is \$1,800,000.

Sellers Avenue Widening - Phase II

Project Manager: J. Campero

Location:

Sellers Avenue from Chestnut Street to Sunset Road

Description/Justification:

Widen existing Sellers Avenue, approximately 8,000 LF with 96' right-of-way, to a modified collector street with median; turning lanes; 12" water line; a 12" non-potable water line, wall and updating existing improvements per the latest ADA Standards. A 24" sanitary sewer line has already been installed for this portion of Sellers Avenue. This project will require three traffic signals located at Chestnut Street and Sellers Avenue, Sand Creek Road and Sellers Avenue and Sunset Road and Sellers Avenue. This project will be required for traffic flow and safety if the area is annexed and developed. This project is currently outside the City limits and urban limit line but within the City's planning area and General Plan. This project will be incorporated in the developer's conditions of approval and will be funded by the developer and Contra Costa County. Current cost estimate for this project is \$12,500,000.

Sellers Avenue Widening - Phase III

Project Manager: J. Campero

Location:

Sellers Avenue from Sunset Road to southern boundary of proposed school parcel

Description/Justification:

Widen approximately 3,200 LF of existing Sellers Avenue to a modified collector street with 96' right-of-way, with median, wall; storm drain; 12" water line; 12" sewer line; 12" non-potable water line, undergrounding overhead power lines and updating existing improvements per the latest ADA Standards. This project will be required for traffic flow and safety if the area is annexed and develops. Once this area is incorporated into the urban limit line, and annexed into the City, this project will be incorporated in the developer's conditions of approval and will be funded by the developer and Contra Costa County. This project scope is based on land use of surrounding properties per the current General Plan. If land use changes, then the project scope will need to be revised accordingly. Current cost estimate for this project is \$5,000,000.

Shady Willow Lane Extension - Phase II

Project Manager: J. Campero

Location:

Shady Willow Lane from Grant Street to Sand Creek Road

Description/Justification:

Widen 1,280 LF of Shady Willow Lane to a four-lane arterial street, with existing 140' right-of-way, consisting of curb; gutter; sidewalk, wall; bike lanes; landscaping in the median and parkway; bridge over Sand Creek and two lanes in each direction. There is existing 16" water line and proposed 12" non-potable water line and 10" sewer line for missing portion. This project is necessary to improve traffic circulation in the northwest quadrant and alleviate traffic congestion on Fairview Avenue. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. The majority of the improvements, such as widening of the east and west side, median landscape, most of the parkway landscaping and the bridge over Sand Creek, have already been constructed by the development on the east and west side. The remaining improvements along the Maggiora parcel will be constructed when that property develops. Current cost estimate for this project is \$2,500,000.

Shady Willow Lane Widening

Project Manager: J. Campero

Location:

Shady Willow Lane from southern boundary of Arbor Ridge Apartments to Amber Lane

Description/Justification:

Widen 700 LF of existing two-lane Shady Willow Lane to an arterial street, 140' wide ultimate right-of-way, consisting of curb, wall; gutter; sidewalk; bike lanes; landscaping and two lanes in each direction. Project also includes a traffic signal at the intersection of Shady Willow and Amber Lanes. There is existing 16" water line and 10" sewer and proposed 12" non-potable water line. This project will underground overhead power lines. This project is necessary to improve traffic circulation and to facilitate the orderly development of the area. The majority of the improvements have already been done except the widening on the west side which will be done when the adjacent property develops. A portion of the funding will be reimbursed from the City's Development Impact Fee Program. This project will provide another

north/south arterial link between commercial centers on Lone Tree Way and Sand Creek Road. Current cost estimate for this project is \$1,700,000.

Sparrow at Marsh Creek Neighborhood Park

Project Manager: D. Hill

Location:

Subdivision 9393, north of Sand Creek Road, west of Brentwood Boulevard

Description/Justification:

A reimbursable park space totaling 0.63 acres to be developed by KB Homes. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan. This is a condition of approval for Subdivision No. 9393. Developer to be reimbursed per acre per the City's Development Impact Fee Program and the funding is based on a 5-year development reimbursement agreement.

Sunset Road Widening - Phase II

Project Manager: J. Campero

Location:

Sunset Road from easterly City limit to Sellers Avenue

Description/Justification:

This project consists of widening and improving Sunset Road, approximately 1,350 LF, eastward to Sellers Avenue as a two-lane collector with walls and 12" water line and 12" non-potable water line. This area is outside the City limits but within the City's planning area. This will be constructed in conjunction with the development of adjacent properties. Existing overhead power lines will be undergrounded with this project. If this area is annexed into the City, widening of this roadway segment would serve the planned development of this area. This project will be incorporated in the developer's conditions of approval and will be funded by the developer. Current cost estimate for this project is \$1,700,000.

Sycamore Avenue Improvements - Sellers Avenue

Project Manager: J. Campero

Location:

Extension of Sycamore Avenue from City limit to Sellers Avenue

Description/Justification:

Construct a portion of the improvements, approximately 1,750 LF, consisting of a 12" water line; 12" non-potable water line; 18" storm drain; walls; one lane in each direction and a graded shoulder on each side of the roadway. The 12" sanitary sewer line has been constructed. Ultimate improvements include the widening of the roadway; curb; gutter; utilities; sidewalk; landscaping when the adjacent properties develop and updating existing improvements per the latest ADA Standards. This project is necessary to improve east/west traffic flow between Brentwood Boulevard and Sellers Avenue and facilitate adjacent development. A portion of these improvements have been completed. This project is currently outside the City limits and urban limit line but within the City's planning area and General Plan. Current cost estimate for this project is \$2,500,000.

Trilogy Neighborhood Park

Project Manager: D. Hill

Location:

Subdivision 8796, west of Highway 4 and south of Fairview Avenue

Description/Justification:

Three reimbursable park spaces totaling 6.90 acres to be developed by Shea Homes. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan. This is a condition of approval for Subdivision No. 8796. Developer to be reimbursed per acre per the City's Development Impact Fee Program and the funding is based on a 5-year development reimbursement agreement.

Villagio Neighborhood Park

Project Manager: D. Hill

Location:

Subdivision 9173, northeast corner of Balfour Road and Griffith Lane

Description/Justification:

A reimbursable park space totaling 0.92 acres to be developed as a condition of approval for Subdivision No. 9173. This project fulfills the need for neighborhood parks as specified in the June 2002 Parks, Trails and Recreation Master Plan. Developer to be reimbursed per acre per the Development Impact Fee Program and the funding is based on a 5-year development reimbursement agreement.

ACRONYMS

This document includes numerous abbreviations and acronyms in need of explanation. Thus, a list of acronyms is provided to aid the reader when the context does not define the meaning.

ADA – Americans with Disabilities Act

AMR – Automated Meter Reading

ATS – Automatic Transfer Switch

BABs – Build America Bonds

BDC – Business Development Center

BFAC - Brentwood Family Aquatic Complex

CCWD – Contra Costa Water District

CFD – Community Facilities District

CIFP – Capital Improvement Financing Program

CIP – Capital Improvement Program

DCS – Distributed Control System

EBMUD - East Bay Municipal Utility District

ECCRFFA – East Contra Costa Regional Fee and Financing Authority

FY – Fiscal Year

GAAP – Generally Accepted Accounting Principles

GASB – Governmental Accounting Standards Board

GFOA – Government Finance Officers Association

HVAC – Heating, Ventilation and Air Conditioning System

LF – Linear Foot/Feet

LED – Light Emitting Diodes

LLAD – Landscape and Lighting Assessment District

LPR – License Plate Reader

LUHSD – Liberty Union High School District

MGD – Millions of Gallons Per Day

MXU – Meter Transmitter Units

NPDES – National Pollution Discharge Elimination System

O & M – Operating and Maintenance

PEG – Public, Education and Government

PMP – Pavement Management Program

RBWTP – Randall Bold Water Treatment Plant

RDA – Redevelopment Agency

RMRA – Road Maintenance and Rehabilitation Account

RMS – Record Management System

ROW - Right-of-Way

S&P – Standard and Poor’s Rating Service

SAFETEA-LU – Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users

SB – Senate Bill

SCADA – Supervisory Control and Data Acquisition

SCIP – Statewide Community Infrastructure Programs

SRF – State Water Resources Control Board Revolving Fund

SWTS – Solid Waste Transfer Station

TDA – Transportation Development Act

ULL – Urban Limit Line

VDI – Virtual Desktop Infrastructure

VFD – Variable Frequency Drive

VoIP – Voice over IP

WWTP – Wastewater Treatment Plant

GLOSSARY OF TERMS

Account

A subdivision within a fund for the purpose of classifying transactions.

Account Number

Numeric identification of the account. Typically a unique number or series of numbers. The City's account number structure is comprised of three fields of characters. The first field is three characters wide and identifies the various unique funds within the accounting system. The next field contains either four or five characters and identifies the division within the City. The final field contains seven characters and identifies the object code of the account number. The same object code may be used in many divisions. The combination of the three fields provides for a unique number for the transaction.

Accrual Basis of Accounting

The method of accounting under which revenues are recorded when they are earned (regardless of when cash is received) and expenditures are recorded when goods and services are received (regardless if disbursements are actually made at that time).

Actual Cost

The amount paid for an asset; not its market value, insurable value, or retail value. It generally includes freight-in and installation costs but not interest on the debt to acquire it.

Adopted Budget

A budget which typically has been reviewed by the public and "Adopted" (approved) by the City Council prior to the start of the fiscal year.

American Disabilities Act

Federal legislation which requires the accessibility of public facilities for handicapped persons.

Appropriation

An authorization by the City Council to make expenditures and to incur obligations for specific amounts and purposes. All annual appropriations lapse at fiscal year-end.

Assessed Valuation

An official value established for real estate or other property as a basis for levying property taxes.

Assessments

Charges made to parties for actual services or benefits received.

Assets

Government-owned property that has monetary value.

Average Cost

Total of all costs for all units bought (or produced) divided by the number of units acquired (or produced).

Balance Available

The amount of money available for appropriation or encumbrance. It is the excess of cash and near-cash assets of a fund over its liabilities and reserves; or commonly called surplus available for appropriation. It is also the unobligated balance of an appropriation which may be encumbered for the purposes of the specific appropriation.

Balanced Budget

When there is neither a budget deficit nor a budget surplus – when revenues equal expenditure.

Bond

A municipal bond is a written promise from a local government to repay a sum of money on a specific date at a specified interest rate. Bonds are most frequently used to finance capital improvement projects such as buildings, streets and bridges.

Budget

A plan of financial operation, for a set time period, which identifies specific types and levels of services to be provided, proposed appropriations or expenses and the recommended means of financing them.

Budget Amendments

The Council has the sole responsibility for adopting the City's budget, and may amend or supplement the budget at any time after adoption by majority vote. The City Manager has the authority to approve line item budgetary transfers between expenditure objects of the budget as long as it is in the same fund and within the same division.

Budget Calendar

The schedule of key dates which City departments follow in the preparation, revision, adoption and administration of the budget.

Budget Detail

A support document to the published budget that details the line item expenditures.

Budget Year

The fiscal year for which the budget is being considered; fiscal year following the current year.

Build America Bonds

Taxable municipal bonds that carry special tax credits and federal subsidies for either the bond issuer or the bondholder. Build America Bonds were created under Section 1531 of Title I of Division B of the American Recovery and Reinvestment Act that U.S. President Barack Obama signed into law on February 17, 2009.

California Society of Municipal Finance Officers

The purpose of this organization is to promote professional administration of municipal finance and to strive for the attainment of professional status of all those responsible for the conduct of the activities of the field.

Capital Improvement Program

A financial plan of authorized expenditures for tangible, long-term construction of, or improvements to, public physical facilities.

Capital Outlay

Expenditures which result in the acquisition of, or addition to, fixed assets. A capital item is tangible, durable, non-consumable, costs \$10,000 or more and has a useful life of more than ten years.

Capital Project Fund

A governmental fund used to account for the acquisition and construction of major capital facilities other than those financed by proprietary funds and trust funds.

Carryover or Carry Forward

Process of carrying a budgeted and encumbered item from the current fiscal year to the next fiscal year. For example, a purchase order for a budgeted computer purchase is placed in FY 2016/17. The budget for FY 2017/18 did not include a purchase of a computer. The unspent FY 2017/18 budget is adjusted (increased) for this purchase.

Community Facilities District

These funds account for special benefit assessments levied for a variety of allowable uses, including but not limited to police services, joint use school facilities and library facilities. The allowable uses of the funds are governed by the formation documents of each individual District.

Comprehensive Annual Financial Report

Prepared in conformity with GAAP as set forth by GASB.

Congestion Management Plan

Required for consideration of Measure "J" funding of transportation improvements.

Contingency

An appropriation of funds to cover unforeseen events that occur during the fiscal year such as flood emergencies, Federal mandate shortfalls in revenue and similar events.

Contractual Services

A series of object codes, which include the expense of custodial, janitorial and other services, procured independently by contract or agreement with an individual, firm, corporation or other governmental units.

Controllable Costs

Costs that can be influenced by the department involved, unlike other fixed costs such as rent, which is contracted by lease in advance.

Costs

Amount of money that must be paid to acquire something, purchase price or expense.

Current Fiscal Year

The fiscal year in progress.

Cycle and Pedestrian Safety Program

A grant program designed to reduce the number of traffic collisions involving bicyclists and pedestrians.

Debt Service

The City's obligation to pay the principal and interest of all bonds and other debt instruments according to a pre-determined payment schedule.

Department

A basic organizational unit of government which is functionally unique in its delivery of services.

Depreciation

The process of allocating the cost of a capital asset to the periods during which the asset is used.

Development

In real estate, the process of placing improvements on or to a parcel of land; projects where such improvements are being made. Such improvements may include drainage, utilities, subdividing, access, buildings or any combination of these elements.

Direct Labor

Cost of personnel that can be identified in the product or service, such as the salary of the person who provides the direct service.

Division

An organizational component of a department, which may be further subdivided into programs.

Encumbrance

The commitment of appropriated funds to purchase goods or services. An encumbrance is not an expenditure. An encumbrance reserves funds to be expended.

Expenditure/Expense

The outflow of funds paid or to be paid for an asset obtained or goods and services obtained regardless of when the expenditure is actually paid. The term expenditure applies to Governmental Funds. The term expense is used for Enterprise and Internal Service Funds. For complete fund descriptions, refer to the Guide to Funds.

Fee

Cost of a service.

Fiscal Year

The 12-month period for recording financial transactions specified by the City as beginning July 1st and ending June 30th.

Fixed Assets

Assets of long-term character such as land, buildings, machinery, equipment or furniture.

Fixed Cost

A cost that remains constant regardless of volume or demand. Fixed costs include salaries, interest expense, rent, depreciation and insurance expenses.

Forecasts

Estimates of the future impact of current revenue and expenditure policies based on specific assumptions about future conditions such as inflation or population growth. Forecasts are neither predictions about the future nor a statement of policy intentions.

Fund

A separate accounting entity, with a self-balancing set of accounts, to record all financial transactions (revenues and expenditures) for specific activities or government functions. Funds are classified into three categories: governmental, proprietary or fiduciary. Commonly used funds in governmental accounting are: General Fund, Special Revenue Funds, Debt Service Funds, Capital Project Funds, Enterprise Funds, Internal Service Funds, Fiduciary Funds and Special Assessment Funds. For complete fund descriptions, refer to the Guide to Funds.

Fund Balance

The excess of assets over liabilities and reserves; also known as surplus funds. This term applies to governmental funds only.

General Obligation Bond

Also referred to as GO Bonds, are usually limited by state law as to the amount as well as the length of indebtedness that a government can have. These "Full Faith and Credit" bonds are secured by all of the financial assets of the local government, including property taxes.

Geographic Information System

A computer based Geographic Information System is being established by the Information Services Division for the tracking and monitoring of development projects.

Goal

A general statement of broad direction, purpose or intent which describes the essential reason for existence and which is not limited to a one-year time frame. Generally, a goal does not change from year to year.

Government Accounting

Principles and procedures in accounting for federal, state and local governmental units. The National Council on Governmental Accounting establishes rules. Unlike commercial accounting for corporations, encumbrances and budgets are recorded in the accounts. Assets of a governmental unit are restricted for designated purposes.

Government Enterprise

Governmentally sponsored business activity. A utility plant may be a government enterprise which raises revenue by charging for its services.

Government Finance Officers Association

A non-profit professional association serving more than 18,000 government finance professionals throughout North America.

Governmental Fund

This category of funds account for all records or operations not normally found in business, such as the General Fund, Special Revenue Funds, Debt Service Funds and Capital Project Funds.

Grant

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

Historical Cost

Actual expenses incurred during the previous fiscal years. The basis for how trends are determined. Accounting principle requiring that all financial statement items be based on original cost or acquisition cost.

Hourly Billing Rate

The rate of a position on an hourly schedule including the cost of the positions hourly salary plus the hourly fringe benefit costs, plus the division or department overhead costs, plus the City's general and administrative costs. This "Total" labor cost per hour is used to determine various costs of services provided to the public.

Housing and Community Development

Sets the standards for quality and workmanship in the rehabilitation of rental properties.

Indirect Cost

Costs not directly accountable to a cost object, but included in total cost overhead.

Inflation

Rise in the prices of goods and services, as happens when spending increases relative to the supply of goods on the market.

Infrastructure

The physical assets of the City, such as streets, water, wastewater, public buildings and parks, and the support structures within a development.

Investment

Securities and real estate purchased and held for the production of income in the form of interest, dividends, rentals or base payments.

Jurisdiction

Geographic or political entity governed by a particular legal system or body of laws.

Land Information System

A computer-based Land Information System has been established for the automation of Building Permits and Inspections.

Landscape and Lighting Assessment District Funds

Funds to account for revenues derived from annual assessments which are used to pay the cost incurred by the City for landscape maintenance and street lighting maintenance.

Maintenance of Effort

A criterion that must be met in a street improvement as mandated by the State.

Measure WW

East Bay Regional Park District issued a bond measure to fund Regional Park acquisition and capital projects with a portion of the proceeds to go to cities, special park and recreation districts, county service areas and the Oakland Zoo for much needed local park and recreation projects.

Millage Rate

The tax rate expressed in mills per dollar (e.g., 1 mill equals \$1 per \$1,000 of assessed valuation).

Megahertz

A designation of the broadcast capability of a local government radio system.

Millions of Gallons Per Day

Rating used in infrastructure water projects.

Net

Figure remaining after all relevant deductions have been made from the gross amount; or to arrive at the difference between additions and subtractions or plus amounts and minus amounts.

Object Codes

Specific numerical classifications for which money is allocated for disbursements. The City uses object codes as the last seven characters of the account number and represents the lowest level of classification within the General Ledger accounting system.

Operating and Maintenance

Cost associated with a capital facility that will impact the City of Brentwood on an ongoing and annual basis.

Operating Expense

A series of object codes which include expenditures for items which primarily benefit the current period and are not defined as personnel services, contractual services or capital outlays.

Ordinance

The laws of a municipality.

Organization

Organized structure of roles and responsibilities functioning to accomplish predetermined objectives.

Organization Chart

A chart showing the interrelationships of positions within an organization in terms of authority and responsibilities. There are basically three patterns of organization: line organization, functional organization and line and staff organization.

Overage

Too much, opposite of shortage.

Overhead

Indirect expenses of running an organization not directly associated with a particular item of service. For example, wages paid to an employee providing a service and the costs of the required materials for performing the service are direct costs. Electricity and building insurance are overhead expenses. By applying a factor called the burden rate, cost accounting attempts to allocate overhead, where possible, to the cost of the services provided.

Overtime

Time worked in excess of an agreed upon time for normal working hours by an employee. Hourly or non-exempt employees must be compensated at the rate of one and one-half their normal hourly rate for overtime work beyond 40 hours in a workweek. Working on holidays or weekends is sometimes referred to as overtime work.

Per Capita

By or for each individual. Anything figured per capita is calculated by the number of individuals involved and is divided equally among all.

Performance Measures

Specific quantitative measures of work performed within a program (e.g. miles of streets cleaned). Also, specific quantitative measures of results obtained through a program (e.g., percent change in response time compared to previous year).

PG&E Rule 20A Funding

Projects performed under Rule 20A are nominated by a city, county or municipal agency and discussed with Pacific Gas & Electric Company, as well as other utilities. The costs for undergrounding under Rule 20A are recovered through electric rates after the project is completed.

Prepaid

Expense paid in advance, such as a one-year insurance policy paid when purchased or rent paid in advance of the period covered.

Prior Year

The fiscal year preceding the current year.

Projection

Estimate of future performance made by economists, corporate planners and credit and securities analysts, typically using historic trends and other assumed input.

Redevelopment Fund

The elimination of redevelopment agencies has precluded the future financing of projects; therefore, prior funding reported will represent contractual agreements funded prior to the redevelopment dissolution. Funds previously contributed by the Brentwood Redevelopment Agency were for projects within, or of benefit to, a redevelopment project area.

Resolution

In general, expression of desire or intent. Legal order by a government entity.

Revenues

Funds, received from various sources and treated as income to the City, which are used to finance expenditures. Examples are tax payments, fees for services, receipts from other governments, fines, grants, licenses, permits, shared revenue and interest income.

Right-of-Way

Is a public designation for space needed to accommodate streets, public utilities and other public facilities.

Special District

A designated geographic area established to provide a specialized service (e.g., Landscape Maintenance District).

STP-Caltrans

Reviews all street and traffic projects according to the State Transportation Program which outlines the long-term capital needs for local government.

Total Cost

Costs including all ancillary costs. For example, the total cost of a project would include the direct costs and indirect costs.

Transient Occupancy Tax

This tax is collected from the operators of hotels and motels located within the City. A percentage of this tax is then remitted to the City.

Unit Cost

Compare the volume of work anticipated to the items needed to complete the work and the funds required to purchase these items.

Variable

Data item that can change its value; also called a factor or an element.

Variance

Difference between actual experience and budgeted or projected experience in any financial category.

GUIDE TO FUNDS – DESCRIPTION OF FUNDS

Fund Accounting System

The City uses funds to report on its financial position and the results of its operations. Fund accounting is designed to demonstrate legal compliance, and to aid financial management, by segregating transactions related to certain City functions or activities.

A fund is an accounting entity with a self-balancing set of accounts established to record the financial position and results of operations of a specific governmental activity. The City maintains the following fund types:

Governmental Fund Types

General Fund is the primary operating fund of the City and accounts for all financial resources, except those required to be accounted for in another fund.

Capital Project Funds account for financial resources segregated for the acquisition of major capital projects or facilities (other than those financed by proprietary fund types).

Debt Service Funds account for the accumulation of resources for and payment of, interest and principal on general long-term debt and related costs.

Permanent Funds account for and report resources that are restricted to the extent that only earnings, and not principal, may be used for purposes that support City programs for the benefit of the City and its citizens.

Special Revenue Funds account for the proceeds of specific revenue sources (other than special assessments, expendable trusts or capital projects) that are restricted by law or administrative action to expenditures for specified purposes.

Fiduciary Fund Types

Agency Funds account for assets held by the City as trustee or agent for individuals, private organizations, other governmental units and/or other funds. These funds are custodial in nature (assets correspond with liabilities) and do not involve measurement of results of operations.

Private-Purpose Trust Funds account for the activities and financial position of the Successor Agency to the Brentwood Redevelopment Agency. These funds are held in a trust arrangement for the benefit of local taxing entities, including the City of Brentwood.

Proprietary Fund Types

Enterprise Funds account for operations in a manner similar to private business enterprises where the intent is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.

Internal Service Funds account for the financing of goods or services provided by one department or agency to other departments or agencies of the City or to other governmental units on a cost-reimbursement basis.

The following is a guide to current City funds by fund number.

- 100 General Fund** – The government’s primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund.
- 203 Gas Tax** – This fund accounts for monies received from the State of California under Street and Highways Code Section 2105. The allocations must be spent for street maintenance, construction and a limited amount for engineering.
- 205 Gas Tax** – This fund accounts for monies received from the State of California under Street and Highways Code Section 2106. The allocations must be spent for street maintenance, construction and a limited amount for engineering.
- 206 Gas Tax** – This fund accounts for monies received from the State of California under Street and Highways Code Section 2107. The allocations must be spent for street maintenance, construction and a limited amount for engineering.
- 207 Gas Tax** – This fund accounts for monies received from the State of California under Street and Highways Code Section 2107.5. The allocations must be spent for street maintenance, construction and a limited amount for engineering.
- 208 Gas Tax** – This fund accounts for monies received from the State of California under Street and Highways Code Section 2103. The allocations must be spent for street maintenance, construction and a limited amount for engineering.
- 209 Gas Tax** – This fund accounts for monies received from the State of California under Street and Highways Code Section 2032. The allocations must be spent for street maintenance, construction and a limited amount for engineering.
- 214 SB1186 Disability Access** – This fund accounts for monies received due to Senate Bill 1186 (SB1186), which requires cities to collect a \$1 fee for new and renewed business licenses for purposes of increasing compliance with state disability laws.
- 216 Police Grants** – This fund accounts for all Police, Federal, State and County grants requiring segregated fund accounting.
- 217 Grants** – This fund accounts for miscellaneous Federal, State and County grants requiring segregated fund accounting.
- 219 Economic Development Grant** – This fund accounts for the set aside of 20% of business license tax collected. The monies are used to award grants to promote economic activity.

- 220 Infrastructure Improvements** – This fund accounts for economic development infrastructure projects and any related costs.
- 230 Citywide Park Assessment District** – This fund accounts for special benefit assessments levied on property owners for citywide park maintenance.
- 231 Community Facilities District #2** – This fund accounts for public safety services; acquisitions and maintenance of open space; clean water maintenance and construction and maintenance of flood and storm drain facilities.
- 232 Community Facilities District #3** – This fund accounts for public safety services; acquisitions and maintenance of open space; clean water maintenance and construction and maintenance of joint-use school facilities.
- 233 Community Facilities District #4 (Services)** – This fund accounts for public safety services; maintenance of open space; clean water maintenance; maintenance of joint-use school facilities; roadway rehabilitation and under grounding of overhead utilities.
- 234 Community Facilities District #5** – This fund accounts for acquisition, construction and maintenance of flood and storm drainage facilities; public safety services; construction and maintenance of joint-use school facilities; rehabilitation/expansion of library sites; government facilities and community facilities and roadway rehabilitation and utility undergrounding.
- 235 Community Facilities District #4 (Facilities)** – This fund accounts for acquisition, construction of flood and storm drainage facilities; construction of joint-use school facilities; rehabilitation/expansion of library sites; government facilities and community facilities.
- 250 Water Development Impact Fee** – This fund accounts for development fees collected for the design and construction of water facilities within the City.
- 251 Roadway Development Impact Fee** – This fund accounts for development fees collected for the design and construction of roadways within the City.
- 252 Parks and Trails Development Impact Fee** – This fund accounts for development fees collected for the design and construction of parks within the City.
- 255 Wastewater Development Impact Fee** – This fund accounts for development fees collected for the design and construction of wastewater facilities within the City.
- 256 Community Facilities Development Impact Fee** – This fund accounts for development fees collected for the design and construction of public facilities within the City.
- 257 Fire Development Impact Fee** – This fund accounts for development fees collected for the design and construction of fire facilities required to serve new development in the City.

- 261 Development Impact Fee Administration** – This fund accounts for development fees collected for the administration of the Developer Facility Fee Program.
- 262 Agriculture Land Administration** – This fund accounts for 20% of the Agriculture Preservation fees collected from development. Monies are to be used for administrative purposes associated with establishing, monitoring and managing farmland conservation easements.
- 263 Agriculture Land Acquisition** – This fund accounts for 80% of the Agriculture Preservation fees collected from development. The monies are used for farmland mitigation purposes.
- 264 First-Time Homebuyer** – This fund accounts for affordable housing funds used to provide loans to first-time homebuyers who qualify as moderate to very-low income households.
- 265 Affordable Housing In-Lieu Fee** – This fund accounts for development fees collected for affordable housing. The monies are used to ensure 10% of all new dwellings are affordable for low and very low income households.
- 267 Public Art Administration** – This fund accounts for 20% of the Public Art fees collected from development for the administration of the Public Art Program.
- 268 Public Art Acquisition** – This fund accounts for 80% of the Public Art fees collected from development for the acquisition and construction of Public Art.
- 269 Parking In-Lieu** – This fund accounts for development fees collected for off-street parking facilities located within the Downtown area.
- 272 Riparian Mitigation** – This fund accounts for a stewardship endowment for maintenance of a riparian mitigation site.
- 280 Asset Forfeiture** – This fund accounts for property or funds seized by the Police Department. After a case has been tried and a guilty verdict is returned, the funds are considered forfeited. Federal funds must be used for narcotic enforcement and crime suppression. State funds must be used for areas related to drug prevention.
- 281 Abandoned Vehicle Abatement** – This fund accounts for monies which can only be used for the abatement, removal and disposal, as public nuisances, of any abandoned, wrecked, dismantled or inoperative vehicles, or parts thereof, from private or public property.
- 285 PEG Media** – This fund accounts for public, educational and governmental access fees collected from cable operators established per the Municipal Code and franchise agreements. This fund accounts for Public Access, Educational and Governmental (PEG) television channels provided for the citizens of Brentwood.
- 286 Parks Advertising** – This fund accounts for Parks and Recreation advertising fees collected to publish and distribute the Parks and Recreation Activities guide, as well as, enhance the amenities

at the Sunset Athletic Complex, the Brentwood Family Aquatic Complex and the Brentwood Skate Park.

- 293 Measure C/J** – This fund accounts for the local jurisdiction portions of the Local Street Maintenance and Improvements Fund allocation. These monies can only be spent on local streets and roads, transit operations, growth management planning and compliance, bicycle and pedestrian trails and parking facilities.
- 302 City Low Income Housing** – This fund accounts for the activities related to the assets assumed by the City of Brentwood as Housing Successor for the housing activities of the former Brentwood Redevelopment Agency.
- 336 Roadway Improvements** – This fund accounts for transactions related to proceeds from assessment bonds and other resources and their use to acquire and construct certain roadway improvements.
- 337 Community Facilities Improvements** – This fund accounts for various community facilities improvement projects associated with either the construction or improvement of the City's community facilities.
- 352 Parks and Trails Improvements** – This fund accounts for various park and trail improvement projects associated with either the construction or improvement of the City's parks.
- 361 Civic Center Project Lease Revenue Bond Acquisition** – This fund accounts for transactions related to proceeds from the 2009 Civic Center Bonds and other resources and their use to acquire and construct certain capital facilities and infrastructure.
- 366 2015 Lease Financing** – This fund accounts for transactions related to proceeds from the 2015 Lease Financing and their use to acquire and construct certain capital facilities and infrastructure.
- 380 Civic Center Capital Improvement Financing Program** – This fund accounts for savings from refinanced City Capital Improvement Financing Program (CIFP) bonds and their use to finance a portion of the Civic Center project.
- 381 City Capital Improvement Financing Program** – This fund accounts for savings from refinanced City CIFP bonds and their use to acquire and construct certain capital facilities and infrastructure.
- 392 Capital Infrastructure** – Under the oversight of the CIP Executive Committee, this fund accounts for funds to be used for non-residential development related infrastructure projects and are not to be used for ongoing operating expenses.
- 393 Vineyards Projects** – This fund accounts for transactions related to proceeds from assessment bonds and other resources and their use to finance infrastructure improvements within the Vineyards development area.

- 394 Vineyards Event Center Projects** – This fund accounts for development fees collected for the design and construction of a Vineyards Event Center.
- 435 2018 A Refinance Debt Service** – This fund accounts for CIPF tax assessment receipt and debt service payments of CIPF Infrastructure Revenue Bonds.
- 436 2014 A & B Refinance Debt Service** – This fund accounts for CIPF tax assessment receipt and debt service payments of CIPF Infrastructure Revenue Bonds.
- 437 2012 A Refinance Debt Service** – This fund accounts for CIPF tax assessments receipts and debt service payments of CIPF Infrastructure Revenue Bonds.
- 438 Capital Improvement Financing Program 2003-1 Debt Service** – This fund accounts for CIPF tax assessment receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 439 Capital Improvement Financing Program 2002-1 Debt Service** – This fund accounts for CIPF tax assessments receipts and debt service payments of CIPF Infrastructure Revenue Bonds.
- 441 Capital Improvement Financing Program 94-1 Debt Service** – This fund accounts for CIPF tax assessment receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 442 Capital Improvement Financing Program 98-1 Debt Service** – This fund accounts for CIPF tax assessments receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 443 Capital Improvement Financing Program 99-1 Debt Service** – This fund accounts for CIPF tax assessments receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 444 Capital Improvement Financing Program 2000-01 Debt Service** – This fund accounts for CIPF tax assessment receipt and debt service payments on CIPF Infrastructure Revenue Bonds.
- 445 Capital Improvement Revenue Refunding Bonds Series 2012 Debt Service** – This fund accounts for debt service transactions related to the refinance of the 2001 CIP Bond. The 2001 CIP Bond initially refinanced Roadway Bonds and a Tax Allocation Bond, and also financed the Brentwood Technology Center.
- 448 General Obligation Bonds Series 2002 Debt Service** – This fund accounts for tax levies from which general obligation debt service transactions are made on the General Obligation Bond Series 2002. This bond was used to finance the Police Station.
- 449 Capital Improvement Financing Program 2004-1 Debt Service** – This fund accounts for CIPF Tax assessment receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 460 Randy Way Assessment District Debt Service** – This fund accounts for Randy Way tax assessment receipts and debt service payments of CIPF Infrastructure Revenue Bonds.

- 461 2009 Civic Center Project Lease Revenue Bonds Debt Service** – This fund accounts for debt service transactions relating to the 2009 Civic Center Project Lease Revenue Bonds.
- 462 2006 A & B Refinance Bonds Debt Service** – This fund accounts for CIPF tax assessment receipt and debt service payments of CIPF Infrastructure Revenue Bonds.
- 463 Capital Improvement Financing Program 2006-1 Debt Service** – This fund accounts for CIPF tax assessment receipt and debt service payments of CIPF Infrastructure Revenue Bonds.
- 464 Capital Improvement Financing Program 2005-1 Debt Service** – This fund accounts for CIPF Tax assessments receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 465 96R Assessment District Debt Service** – This fund accounts for CIPF Tax assessment receipts and debt service payments on CIPF Infrastructure Revenue Bonds.
- 466 2015 Lease Financing Debt Service** – This fund accounts for debt service transactions related to the 2015 Lease Financing.
- 501 City Rentals Enterprise** – This fund accounts for all the City facilities rented and maintained through this fund.
- 510 Housing Enterprise** – This fund accounts for the administration of the Housing Enterprise which includes the Housing rental units, Affordable Housing and the First-Time Homebuyers program.
- 511 Housing Rental Trust** – This fund accounts for the operation and maintenance of the Housing rental units.
- 513 Housing Replacement** – This fund accounts for revenues and expenditures associated with the replacement of housing rental capital assets and infrastructure.
- 540 Solid Waste Enterprise** – This fund accounts for the operation, maintenance and capital costs of the solid waste system. These activities are funded by user charges.
- 542 Solid Waste Improvements** – This fund accounts for expenditures associated with solid waste capital improvement projects.
- 543 Solid Waste Replacement** – This fund accounts for revenues and expenditures associated with the replacements of solid waste capital assets and infrastructure.
- 560 Water Enterprise** – This fund accounts for the operation, maintenance and capital costs of the water system. These activities are funded by user charges.
- 562 Water Improvements** – This fund accounts for expenditures associated with water capital improvement projects.

- 563 Water Replacement** – This fund accounts for revenues and expenditures associated with the replacements of water capital assets and infrastructures.
- 590 Wastewater Enterprise** – This fund accounts for the operation, maintenance and capital costs of the wastewater system. These activities are funded by user charges.
- 592 Wastewater Improvements** – This fund accounts for expenditures associated with wastewater capital improvement projects.
- 593 Wastewater Replacement** – This fund accounts for revenues and expenditures associated with the replacements of wastewater capital assets and infrastructures.
- 6XX Landscape and Lighting Assessment Districts** – These funds account for special benefit assessments levied on property owners for landscape and street lighting maintenance.
- 701 Information Services** – To provide a source of funding for the development and coordination of the City’s information system’s needs.
- 702 Equipment Replacement** – To provide a source of funding for vehicle and equipment replacement.
- 703 Information Systems Replacement** – To provide a source of funding for the replacement of information systems such as computers and the phone system.
- 704 Facilities Replacement** – To provide a source of funding for repairs or the replacement of City facilities.
- 705 Tuition** – To provide a source of funding for expenditures related to continuing education.
- 706 Fleet Maintenance Services** – To provide a source of funding for the maintenance of all City vehicles, except for Police Department vehicles.
- 707 Facilities Maintenance Services** – To provide a source of funding for maintenance and repairs of City facilities.
- 708 Parks and LLAD Replacement** – To provide a source of funding for the replacement of landscaping, equipment and facilities in the citywide parks and Landscape and Lighting Assessment Districts (LLAD).
- 709 Insurance** – To provide a source of funding for future insurance costs and unforeseen expenses due to legal matters or lawsuits.
- 710 Pension/Other Post-Employment Benefits (OPEB) Obligation** – To provide an intermediate-term funding source for OPEB and pension expenses.

Index By Project Title (Alphabetical)

Project Title	Page #	Project #	Total Cost	Category
Aquatic Complex Locker Rooms Remodeling	44		\$ 400,000	Parks and Trails Improvements
Aquatic Complex Mechanical Room Improvements	45		350,000	Parks and Trails Improvements
Aquatic Complex Pool Decking	46		400,000	Parks and Trails Improvements
Aquatic Complex Pool Plastering	47		350,000	Parks and Trails Improvements
Aquatic Complex Slide Replacement	48		300,000	Parks and Trails Improvements
Aquatic Complex Water Play Structures Replacement	49		300,000	Parks and Trails Improvements
Brentwood Boulevard Sewer and Water Main	62	56392	3,400,000	Water Improvements
Brentwood Boulevard Widening North - Phase I	30	31620	6,700,000	Roadway Improvements
Brentwood Business Development Center	94		335,329	Community Facilities Improvements
Brentwood Various Streets and Roads Preservation	31	31694	1,869,000	Roadway Improvements
Canal Replacement Cost Share	63	56400	2,294,335	Water Improvements
CCWD Trail	50		161,283	Parks and Trails Improvements
City Fiber Optic Connection	95	37237	300,000	Community Facilities Improvements
City Hall Automatic Transfer Switch	96	37248	300,000	Community Facilities Improvements
City Phone System Upgrade	97	37226	400,000	Community Facilities Improvements
Citywide Gateway Monuments "4-Corners"	98	37244	786,383	Community Facilities Improvements
Citywide Non-Potable Water Distribution System	84	59202	5,000,000	Wastewater Improvements
Citywide Overhead Utility Replacement	32	31630	300,000	Roadway Improvements
Citywide Sign/Identification Program	99	37207	130,000	Community Facilities Improvements
Citywide Traffic Signal Interconnect Program	33	31500	574,000	Roadway Improvements
Community Build-Out Plan	100	37245	500,000	Community Facilities Improvements
Development Services Software	101	37197	450,000	Community Facilities Improvements
Downtown Alley Rehabilitation - Future	66		4,400,000	Water Improvements
Downtown Alley Rehabilitation - North Diablo Way	64	56401	1,400,000	Water Improvements
Downtown Alley Rehabilitation - South Diablo Way	65		1,200,000	Water Improvements
Fire Station #53 (Shady Willow)	102	37030	6,545,397	Community Facilities Improvements
Highland Way Wastewater Upgrade	85		800,000	Wastewater Improvements
Homecoming Park Playground Replacement	51		300,000	Parks and Trails Improvements
John Muir Parkway Extension - Phase II	35	31683	5,460,000	Roadway Improvements
John Muir Parkway Extension/Foothill Drive - Phase I	34	31640	5,603,757	Roadway Improvements
Library - New Construction	103	37241	13,650,000	Community Facilities Improvements
Loma Vista Park Playground Replacement	52		300,000	Parks and Trails Improvements
Lone Tree Way - Union Pacific Undercrossing	36	31340	27,057,213	Roadway Improvements
Lone Tree Way/Arroyo Seco Road Wastewater Upgrade	86		2,450,000	Wastewater Improvements
Page Subtotal (Includes Prior and Future Costs)			\$ 94,766,697	

Index By Project Title (Alphabetical)

Project Title	Page #	Project #	Total Cost	Category
Miwok Park Playground Replacement	53		\$ 200,000	Parks and Trails Improvements
Municipal Service Center	104	37206	7,604,480	Community Facilities Improvements
Non-Potable Storage Facility	87	59198	8,903,500	Wastewater Improvements
O'Hara Ave/Lone Tree Way Water Upgrade	67		590,000	Water Improvements
Pavement Management Program - 2018	37	30838	1,583,177	Roadway Improvements
Pavement Management Program - 2019	38		1,518,906	Roadway Improvements
Pavement Management Program - Future	39		7,880,000	Roadway Improvements
PEG Cable TV Access	105		843,000	Community Facilities Improvements
Priority Area 1 Infrastructure Improvements	40		7,500,000	Roadway Improvements
Purchase of Capacity Rights	68	56396	8,353,100	Water Improvements
Reservoir Painting and Recoating	69	56398	1,974,259	Water Improvements
Secondary Non-Potable Water Storage Facility	88		4,200,000	Wastewater Improvements
Sensus AMR System Upgrade	70	56397	2,870,000	Water Improvements
Sunset Field Natural Turf Improvement	54	52432	300,000	Parks and Trails Improvements
Sunset Park Playground Replacement	55		300,000	Parks and Trails Improvements
Surveillance Camera and Storage System Upgrade	106	37238	240,000	Community Facilities Improvements
Underground Water System Corrosion Mitigation	71	56320	300,000	Water Improvements
Veterans Park Gazebo	107		-	Community Facilities Improvements
Vineyards at Marsh Creek - Event Center/Amphitheater	108	37231	7,200,000	Community Facilities Improvements
Walnut Park Playground Replacement	56		300,000	Parks and Trails Improvements
Wastewater Treatment Plant Expansion - Phase II	89	59140	62,552,150	Wastewater Improvements
Wastewater Treatment Plant Security	90	59205	400,000	Wastewater Improvements
Water and Wastewater SCADA System Upgrade	72	56402	1,400,000	Water Improvements
Water Storage Capacity at Los Vaqueros Reservoir	73	56399	4,400,000	Water Improvements
Water Treatment Plant Chemical Storage Tank Relining	74	56403	677,000	Water Improvements
Water Treatment Plant Distributed Control System Upgrade	75		872,000	Water Improvements
Water Treatment Plant Filter Media Replacement	76	56404	1,018,000	Water Improvements
Water Treatment Plant Master Plan	77		711,000	Water Improvements
Water Treatment Plant Security Improvements	78		372,000	Water Improvements
Windsor Way Park Playground Replacement	57		150,000	Parks and Trails Improvements
Zone 2 Reduced Water Pressure Zone	79		319,000	Water Improvements
Zoning Ordinance Update	109	37228	400,000	Community Facilities Improvements
Page Subtotal <i>(Includes Prior and Future Costs)</i>			\$ 135,931,572	
Total City Projects <i>(Includes Prior and Future Costs)</i>			\$ 230,698,269	