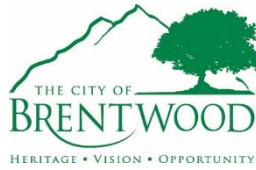


CAPITAL IMPROVEMENT PROGRAM

2017/18 - 2021/22





The 2017/18 - 2021/22 Capital Improvement Program has been amended to include the following updates:

- A. Municipal Service Center (Project #337-37206) is an existing Community Facilities Improvements project approved and amended at the 7/11/17 City Council Meeting. See original project sheet on page 121.
- B. Contra Costa Sheriff Delta Patrol Station is a new Community Facilities Improvements project approved at the 11/14/17 City Council Meeting.
- C. Citywide Overhead Utility Replacement (Project #336-31630) is an existing Roadway Improvements project approved and amended at the 12/12/17 City Council Meeting. See original project sheet on page 40.
- D. Civic Center HVAC Cooling System Conversion (Project #337-37251) is a new Community Facilities Improvements project approved at the 1/23/18 City Council Meeting.
- E. Non-Potable 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 97.

Resolution #2017-101

Meeting 7/11/2017

Item #B4

Project Title:

Project #:

Municipal Service Center

337-37206



Project Category:	Community Facilities Improvements
Location:	2201 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
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 Fees funding of \$1,654,480; and \$50,000 each from Solid Waste, Water, and Wastewater Enterprises. Bond Proceeds will fund an additional \$5,800,000 to the project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	20,480						\$ 20,480	
90040	Planning and Design	528,000						\$ 528,000	
90050	Construction	70,000	6,530,000					\$ 6,600,000	
90070	Project Administration		456,000					\$ 456,000	
TOTAL		\$ 618,480	\$ 6,986,000					\$ 7,604,480	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47256	Development Impact Fees	254,480		1,400,000					\$ 1,654,480
47-VAR	Enterprise	150,000							\$ 150,000
47-VAR	Bond Proceeds	214,000	4,312,579	1,273,421					\$ 5,800,000
TOTAL		\$ 618,480	\$ 4,312,579	\$ 2,673,421					\$ 7,604,480

**Resolution #2017-141
Meeting 11/14/2017
Item #C6**

Project Title:

Project #:

Contra Costa Sheriff Delta Patrol Station



Project Category:	Community Facilities Improvements
Location:	9100 Brentwood Boulevard
Project Manager:	B. Tolero
Project Priority:	2B - Necessary
Project Phase:	New
Est. Completion Date:	2017/2018
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				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design		18,000					\$ 18,000	
90050 Construction		230,800					\$ 230,800	
TOTAL		\$ 248,800					\$ 248,800	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Other			248,800					\$ 248,800
TOTAL			\$ 248,800					\$ 248,800

**Resolution #2017-152
Meeting 12/12/2017
Item #C7**

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:	Design
Est. Completion Date:	2017/18
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 with construction anticipated in early 2018.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	20,000						\$ 20,000	
90050	Construction		260,000					\$ 260,000	
90070	Project Administration		20,000					\$ 20,000	
TOTAL		\$ 20,000	\$ 280,000					\$ 300,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund	20,000	210,000	70,000					\$ 300,000
TOTAL		\$ 20,000	\$ 210,000	\$ 70,000					\$ 300,000

**Resolution #2018-07
Meeting 1/23/2018
Item #D4**

Project Title:

Project #:

Civic Center HVAC Cooling System Conversion

337-37251



Project Category:	Community Facilities Improvements
Location:	150 City Park Way and 35 Oak Street
Project Manager:	S. Dempsey
Project Priority:	1C - Mandatory
Project Phase:	New
Est. Completion Date:	2017/18
Future Annual O&M Impact:	(\$24,800)
Public Art Requirement:	Exempt

Description/Justification:

Convert the Heating Ventilation and Air Conditioning (HVAC) systems for City Hall and Community Center from a water based cooling system to an air based system. These units are water cooled, the water causes corrosion as it evaporates and is deteriorating the coils inside both units. Each unit supplies air conditioning and heat to the buildings upon which they are mounted. There have been several breakdowns causing the entire building to go without air conditioning or heat. Converting to an air based cooling system will help prevent a total system breakdown that could take weeks to repair, thus leaving the building without air conditioning or heat.

Supplemental Information:

The cost for the quarterly descaling and chemical treatment for both current cooling units is \$24,800 annually and takes up to 8 hours of staff time to clean. Eventually the continuous buildup and descaling will affect the integrity of the units' coils.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90050 Construction		362,000					\$ 362,000	
TOTAL		\$ 362,000					\$ 362,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47704 Replacement - Facilities			362,000					\$ 362,000
TOTAL			\$ 362,000					\$ 362,000

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 Strategic Initiative 1.2.e., part of the City's Strategic Plan for FY 2016/17 and FY 2017/18.

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 35% State and Federal grants and 65% loan. It is estimated that \$4,448,850 of the SRF loan 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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	35,000	11,000					\$ 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		\$ 93,500	\$ 200,000	\$12,511,000				\$12,804,500	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	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		\$ 93,500	\$ 200,000	\$12,511,000					\$12,804,500

City Council

Robert Taylor	Mayor
Steve Barr	Vice Mayor
Joel Bryant	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 Manager
Kerry Breen	City Treasurer/Director of Finance and Information Systems
Mark Evenson	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	Michelle Hamblin, Accounting Manager
Mike Azamey, Park/Maintenance Supervisor	Debbie Hill, Associate Planner
Eric Brennan, Water Operations Manager	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.	Brenda Scott, Administrative Supervisor
Debra Galey, Management Analyst	Heather Silfies, Project Services Specialist
Katie Germann, Administrative Supervisor	Ann Stayton, Administrative Supervisor
Matt Griggs, Information Systems Technician	Casey Wichert, Wastewater Operations Mgr.



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May 2017

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:

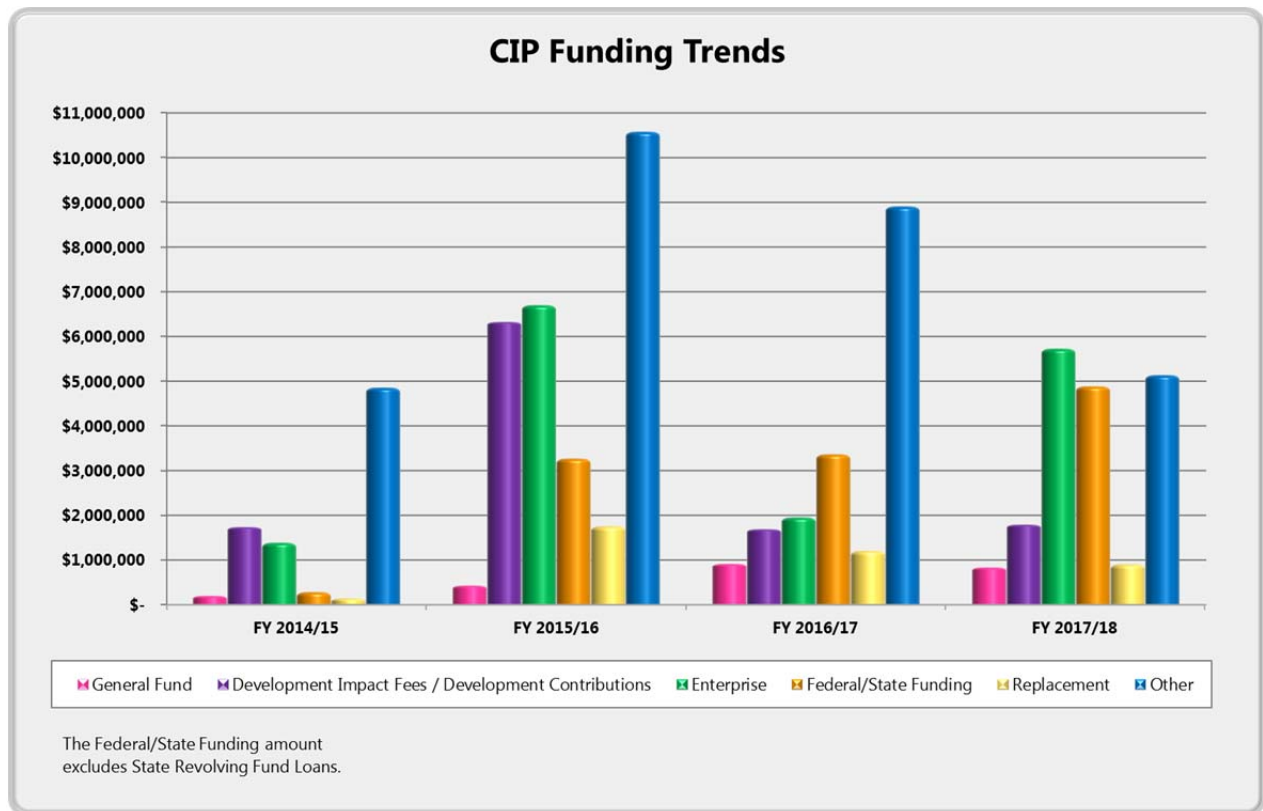
We are pleased to submit the 2017/18 – 2021/22 Capital Improvement Program (CIP) Budget outlining the City of Brentwood's five-year infrastructure and capital planning needs. This document is prepared separately from the City's Operating Budget in order to provide a more thorough and detailed description 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 the two-year City of Brentwood Strategic Plan adopted by the City Council in February 2016.

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 82 City capital improvement projects with a total projected cost of \$294,773,909. The budget includes 21 new projects, and appropriates \$33,117,469 of funding for fiscal year (FY) 2017/18. Major funding sources within the CIP change year-over-year. For example, in FY 2014/15, the top four budgeted funding categories, in order, were: Other, Development Impact Fees, Enterprise and Federal/State Funding. In FY 2017/18, the top four proposed budget funding categories, in order, are: Enterprise, Other, Federal/State Funding and Development Impact Fees. Major components of Other funding in FY 2017/18 include: 2015 Lease Financing proceeds, Capital Infrastructure and Vineyards Event Center funding. Descriptions of Key Funding Sources begin on page 4 and a complete guide to City funds can be found beginning on page A-14.

The chart on the following page shows the funding trends of the various CIP funding categories for FYs 2014/15 through 2017/18. The amounts shown through FY 2016/17 are the Council approved budget and the proposed CIP budget funding is shown for FY 2017/18.



As summarized above, Other and Federal/State Funding continue to be major funding sources of CIP projects as the City actively pursues alternate funding sources for capital projects. The City has 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.

Additionally, the enterprises are projected to be a major funding source in FY 2017/18. Several new Water and Wastewater upgrade and replacement projects have been budgeted to begin. The Brentwood Wastewater Treatment Plant began operations in 2002 and the Water Treatment Plant in 2008. Due to the aging of infrastructure, the City will begin to see the need for more upgrades and replacement of various enterprise assets.

The City's enterprise user fees 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.

A five-year rate study was completed in FY 2013/14, resulting in adopted rates which were structured to provide the Enterprise Funds with sufficient revenues to cover operating costs. However, the severe drought in California led to mandatory conservation efforts and reduced water revenue, therefore a two-year water rate study was completed in FY 2015/16 to address the fiscal impact of the drought and, subsequently, new water rates were adopted to ensure the Water Enterprise remains self-supporting. The ongoing water conservation by City residents and its effect on revenues continues to be monitored closely by the City. Beginning in fall 2017, a new five-year Solid Waste, Water and Wastewater Enterprise rate study will begin which will incorporate the future capital needs of the enterprises.

Long-Range Financial Planning

Key to planning for the City's build-out is the highly sophisticated General Fund Fiscal Model ("Fiscal Model") which helps ensure the City continues to budget conservatively, with revenues exceeding expenditures, and with adequate reserves to cover future liabilities and unexpected emergencies. The Fiscal Model combines a ten-year financial forecast of expenditures, revenues and fund balance which alerts management and the City Council to potential shortfalls and affords them the time to develop practical solutions with minimal impacts to residents. It also provides the City Council with a modeling tool to help determine the financial feasibility of any future priorities or goals they may wish to adopt as well as the availability of General Fund resources to fund capital projects. The Fiscal Model is updated and presented to Council regularly.

Similar to the Fiscal Model, the City also maintains ten-year forecasts for each of its Enterprise Funds which are utilized by management in conjunction with the periodic rate studies to ensure the continued operational and fiscal stability of the enterprises.

Ensuring the long-term fiscal sustainability of the City remains a top priority, and City staff remains committed to operating in a fiscally responsible manner and preparing a balanced budget, meaning revenues either meet or exceed operational expenditures.

CIP Priorities

The 2017/18 – 2021/22 CIP includes several key projects that are designated as part of the City's Council-approved two-year Strategic Plan ("Plan") covering FY 2016/17 and FY 2017/18. 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** – 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. *Funding Source: Federal/State Funding*

- **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. *Funding Sources: Development Impact Fees; Enterprise, Federal/State Funding*
- **Wastewater Treatment Plant - Phase II Expansion** (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. *Funding Sources: Development Impact Fees; Enterprise; Federal/State Funding*

Focus Area 2: Public Safety

During the strategic planning session held prior to the approval of the Plan, City Council requested the inclusion of a License Plate Reader (LPR) Camera system. Subsequently the City Council approved a one-year pilot program to begin in F15/16, prior to the two-year Plan implementation. This pilot program has proven successful and the following project is included in this CIP:

- **License Plate Reader System - Phase II** – It has been recognized that the use of LPR cameras is an excellent tool to prevent crime and assist in criminal investigations. The City of Brentwood currently has 18 LPR cameras in operation as a result of the pilot program. The usage of these cameras has resulted in the recovery of 35 stolen vehicles and 23 arrests. The LPR system has also assisted in several other cases not related to stolen vehicles. Based on these results, the City of Brentwood would like to expand the program to increase the number of fixed and mobile LPRs.

Focus Area 3: Economic Development

- **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. *Funding Sources: Capital Infrastructure; Public Art Acquisition; Public Art Administration*

Focus Area 4: Land Use Planning

- **Community Build-Out Plan** (CIP #337-37245) – This project will design a master plan for the phasing of future development, in selected areas identified on the General Plan Land Use Map that are targeted for future development and are currently outside the City’s corporate city limits. It will also include a corresponding environmental impact report. *Funding Source: General Fund*

- **Specific Plan for Priority Area 1** (CIP #337-37246) – This project will create a specific plan and zoning ordinance for Priority Area 1, the area identified by the General Plan as the City's highest priority area for the creation of future jobs, business parks and regional retail, a regional transit facility and possibly a future eBART transit village. *Funding Source: General Fund*

Focus Area 5: Community and Neighborhood Services

- **Parks, Trails and Recreation Master Plan Update** (CIP #352-52426) – This project will consist of updating the 2002 Parks, Trails and Recreation Master Plan to incorporate a Citywide needs assessment for parks, trails, recreation and cultural arts. It will also include a needs assessment and plan for a regional multi-purpose park/recreation facility and a plan for Sand Creek Park. *Funding Source: Development Impact Fees*
- **Vineyards at Marsh Creek - Event Center/Amphitheater** (CIP #337-37231) – The Vineyards at Marsh Creek development will include construction of an outdoor amphitheater and event center. The City is working with the developer to prepare a comprehensive plan for this project site. Construction of the first phase is anticipated to begin in FY 2017/18. *Funding Source: Vineyards Event Center*

Focus Area 6: Fiscal Stability and Operational Management

- **WiFi Program - Phase II** (CIP #337-37235) – This project will expand and enhance the City's WiFi to better serve the public in the City of Brentwood. *Funding Sources: Enterprise; Information Systems Replacement*
- **City Phone System Upgrade** (CIP #337-37226) – This project will upgrade the City's phone system from a legacy system to a digital Voice over IP (VoIP) system. This transition will allow the City phone system to be integrated with the City network. *Funding Source: Information Systems Replacement*

All other projects in the 2017/18 – 2021/22 CIP that are not part of the Strategic Plan support the City's Mission Statement, "**Bringing Brentwood's Vision to Reality.**" Several of the more notable projects are shown below:

- **Downtown Alley Rehabilitation** – This project includes the installation of new water and sewer facilities, the rehabilitation of existing facilities, including streetlights and the removal or replacement of existing infrastructure in order to correct existing operational and maintenance constraints due to the age of the facilities and bring them up to current standards. The first segment budgeted in FY 2017/18 is Diablo Way between Oak Street and Brentwood Boulevard.
- **Garin Park Playground Replacement** – This project will replace the play equipment in Garin Park to meet current Americans with Disabilities Act (ADA) accessibility guidelines and Consumer Product Safety Commission guidelines. The resilient safety surfacing in the playground areas will be renovated as well.

- **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 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 will be approximately 20,275 sq. ft. It will include an outdoor space for library patrons and an entrance courtyard.
- **McClarren Park Improvements - Phase II** – McClarren Park is the second oldest park in the City of Brentwood. The hardscape and landscape areas do not meet current public or City of Brentwood standards. It is the City's goal to bring McClarren Park up to current standards which include: improving pedestrian circulation; safety; park furnishings; open turf areas; shrub beds; trees and play equipment.
- **Municipal Service Center** (CIP #337-37206) – This project 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.
- **Pavement Management Program - 2018** – The pavement management program (PMP) consists 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 anticipated project areas for PMP – 2018 include: O'Hara Avenue from Sand Creek Road to Grant Street, Fairview Avenue from Highway 4 to Balfour Road, portions of the Rose Garden neighborhood, and the Crescent Drive neighborhood located just east of Fairview Avenue and south of Balfour Road.
- **Sport Court Lighting** (CIP #352-52428) – This project will install new LED sport court lighting at Balfour Guthrie Park tennis and basketball courts and the Creekside Park tennis court. This will allow residents to utilize these sport courts beyond daylight hours.
- **Sunset Field Natural Turf Improvement** – This project will convert the natural turf at Sunset Park soccer fields A, B & C from the existing Fescue/Rye blended turf, to a Hybrid Bermuda turf. The current Fescue/Rye blended turf at soccer fields A, B & 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.

CIP Accomplishments

Each year the CIP has proven to be successful in achieving numerous capital improvement accomplishments. Some of the significant accomplishments in FY 2016/17 include:

Roadway Improvements

- **Pavement Management Program - 2016** (CIP #336-30836) – Completed an annual preventive maintenance program which resurfaced with slurry seal approximately 1.9 million square feet of City streets, which equates to approximately 11% 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 signal loops and striping on various City streets.
 - ❖ *According to the Metropolitan Transportation Commission's 2015 Bay Area Pavement Conditions Summary, for calendar year 2015, the City of Brentwood was tied with one other city for the best pavement conditions for all Bay Area jurisdictions, with a Pavement Condition Index (PCI) of 85, or "Very Good".*

Parks and Trails Improvements

- **Citywide Park Shade Improvements - Phase II** (CIP #352-52429) – This project installed shade structures at the Apple Hill bocce courts and the King Park dog parks and is funded with Measure WW grant funds.
- **Creekside Park Playground Replacement** (CIP #352-52425) – This project replaced play equipment in Creekside Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines, along with renovating the resilient safety surfacing in the playground areas.
- **Trail Connection and Landscape** (CIP #352-52427) – This project installed a missing link of the Sunset Park Trail, connecting it to Marsh Creek Trail, which will enhance the trail experience for users of the trail.

Water Improvements

- **Parkway Rehabilitation** (CIP #562-56393) – This project replaced the aging infrastructure in the Park Way alley, including the sewer and water lines, to bring them up to current standards in order to maintain services to the residents along Park Way and accommodate the construction of the new Library. The roadway and concrete valley gutter were also reconstructed to restore the roadway following pipeline construction work.

Wastewater Improvements

- **Non-Potable Water Distribution System - Phase III** (CIP #592-59170) – This project extended the existing non-potable water main along Grant Street and converted the

irrigation for Miwok Park and the Grant Street greenbelt area, which uses an estimated 20 million gallons of water per year, from potable water to non-potable water. The project also installed a potable water main on Grant Street from O'Hara Avenue to St. Martin Place to close a gap in the system.

Community Facilities Improvements

- **Police Dispatch Center** (CIP #337-37232) and **Police CAD/RMS System** (CIP #337-37233) – The newly constructed Police Dispatch Center has state-of-the-art equipment and utilizes new Computer Aided Dispatch (CAD) and Record Management Systems (RMS). The Dispatch Center was constructed within the existing Police building and brings this essential service under local control. The Dispatch Center successfully began full operations on March 15th, 2017.

Legislative Issues Affecting the Capital Budget

Funding for Water Projects

California's 2016/17 Budget continues to include significant funding for water-related purposes. The budget appropriates about \$1 billion from Proposition 1, the \$7.5 billion water bond voters approved in 2014. Of this amount, \$562 million is appropriated for projects specified in the bond, primarily for the continuation of competitive grant programs initiated with prior-year Proposition 1 appropriations. This includes \$320 million for the State Water Resources Control Board to fund water-recycling projects. The City is actively pursuing funding opportunities from this source to be used for water-related capital projects.

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), 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.

It is anticipated, upon full phase-in, each city and county would see their Highway Users Tax Accounts (HUTA) funds double and include growth from new annual consumer price index tax rate adjustments. A funding analysis provided by the California Department of Transportation projects the City of Brentwood could receive an additional \$13.45 million over the next 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.

The impact this legislation has on the availability of funding for future CIP projects will be evaluated by staff and a priority spending plan will be developed for City Council consideration and inclusion in future budgets.

Conclusion

The City of Brentwood continues to be the fastest growing city in Contra Costa County. In 2016, the City grew 3.4% and is currently over 61,000 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 and the Budget and Finance Committee 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.

*California Society of
Municipal Finance Officers*

Certificate of Award

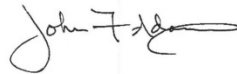
***Capital Budget Excellence Award
Fiscal Year 2016-2017***

Presented to the

City of Brentwood

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

January 31, 2017



*John Adams
CSMFO President*



*Craig Boyer, Chair
Professional Standards and
Recognition Committee*

Dedicated Excellence in Municipal Financial Reporting



CITY COUNCIL RESOLUTION NO. 2017-71

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRENTWOOD ADOPTING THE 2017/18 – 2021/22 CAPITAL IMPROVEMENT PROGRAM (CIP) INCLUDING ROADWAY, PARKS AND TRAILS, WATER, WASTEWATER AND COMMUNITY FACILITIES IMPROVEMENTS TO BE CONSTRUCTED DURING THE NEXT FIVE YEARS AND APPROVING THE ASSOCIATED OPERATING BUDGET FOR FY 2017/18.

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, 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; and

WHEREAS, on May 2, 2017, the Planning Commission found the 2017/18 – 2021/22 Capital Improvement Program to be in conformance with the General Plan.

NOW, THEREFORE BE IT RESOLVED that the City Council of the City of Brentwood does hereby adopt the 2017/18 – 2021/22 Capital Improvement Program as presented and approves the associated Operating Budget for FY 2017/18, including the revenues, appropriations and project funding transfers as detailed in the 2017/18 – 2021/22 CIP.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Brentwood at a regular meeting held on the 23rd day of May, 2017 by the following vote:

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

APPROVED:
Robert Taylor
Robert Taylor
Mayor

ATTEST:
Margaret Wimberly
Margaret Wimberly, MMC
City Clerk

PLANNING COMMISSION RESOLUTION NO. 17-023

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF BRENTWOOD FINDING THAT THE PROPOSED 2017/18-2021/22 CAPITAL IMPROVEMENT PROGRAM (CIP) IS IN CONFORMITY WITH THE ADOPTED GENERAL PLAN AND SPECIFIC PLANS OF THE CITY OF BRENTWOOD AS REQUIRED BY SECTIONS 65401 AND 65402 OF THE GOVERNMENT CODE.

WHEREAS, Section 65401 of the Government Code requires the planning agency of cities and counties to review any proposed Capital Improvement Program (CIP) in its jurisdiction for conformance with the agency's adopted General Plan and Specific Plans; and

WHEREAS, Section 65402 of the Government Code requires the planning agency of cities and counties to review any proposed acquisition or disposition of real property for conformity with the agency's adopted General Plan; and

WHEREAS, pursuant to the California Environmental Quality Act (CEQA) and Implementing Guidelines, the required determination of consistency is exempt, pursuant to Section 15061(b)(3); and

WHEREAS, on behalf of the planning agency, the Planning Commission considered the CIP and its conformance to the General Plan at a regular meeting held on May 2, 2017; and

WHEREAS, the projects proposed in the CIP reflect the major need for roadways, public utilities, and other community facilities during the next five years in concert with anticipated growth areas as noted in the adopted General Plan and Specific Plans.

NOW, THEREFORE, BE IT RESOLVED by the Planning Commission of the City of Brentwood that the proposed 2017/18-2021/22 Capital Improvement Program (CIP) is in conformity with the adopted General Plan and Specific Plans and that any acquisition or disposition of real property required to effectuate the CIP is in conformity with the adopted General Plan and Specific Plans.

The above action is final unless an appeal is filed pursuant to Chapter 17.880 of the Brentwood Municipal Code within ten (10) calendar days following Planning Commission action.

ADOPTED by the Planning Commission of the City of Brentwood at its regular meeting of May 2, 2017, by the following vote:

AYES: Fink, Hankins, Marfia
NOES: None
ABSENT: Tobin, Zeigler
ABSTAIN: None
RECUSE: None

APPROVED:
John D. Fink
John D. Fink
Planning Commission Chairperson

ATTEST:
Erik Nolthenius
Erik Nolthenius
Planning Manager



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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 118 projects, consisting of 81 City projects and 37 development projects. For City projects, the fiscal year (FY) 2017/18 CIP Expenditure Budget is \$57,513,472 and the total 2017/18 – 2021/22 CIP Expenditure Budget for City projects is \$294,773,909.

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 2017/18. 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-22.

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

miscellaneous 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. A summary of the Future Annual O & M Impact (in current dollars) for the five-year CIP is shown below:

Future Annual O & M Impact	
Roadway Improvements	\$ 477,500
Parks and Trails Improvements	376,750
Water Improvements	103,000
Wastewater Improvements	1,569,000
Community Facilities Improvements	515,303
TOTAL	\$ 3,041,553

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 the CIP Project Managers and the CIP Executive Committee. The CIP Executive Committee, made up of the City Manager, the Director of Public Works/City Engineer and the City Treasurer/Director of Finance and Information Systems, evaluate the projects based on need and available funding. The CIP Project Managers submit projects to the CIP Executive Committee based on perceived need and feasibility of the project, as well as projects designated as part of the City's two-year Strategic Plan.

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. The list is then compared to available staffing and dollars and as many projects as feasibly possible are funded, either fully or partially, with any remaining projects designated as unfunded. 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 project list to be presented to the City Council Budget and Finance Committee for their oversight and guidance by providing policy level direction and input on the proposed projects. If needed, staff will make adjustments to the proposed CIP in preparation for the next step, which is the City Council 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 considered by staff and incorporated into the CIP document accordingly. The CIP document is then reviewed by the Planning Commission for determination of General Plan conformance. Finally, the draft document is presented to the City Council at a public meeting for final approval.

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. For example, the Community Facilities Development Impact Fee projects a deficit balance for two years as the City funded the Police Dispatch Center project in advance of the collection of development impact fees. This type of fiscal management is necessary to support the infrastructure needed to accommodate planned development.

Carryover Funding

Throughout the CIP, previously funded amounts are included in each project as prior funding. All Project Funding sections include a *Prior* column which is split into two sections. The first section, *Funded*, represents both the actual expenditures (including any encumbrances) incurred to date and projected expenditures through June 30th. This column balances to the Project Expenditures in the Prior column. The second section, *Carryover*, is the amount of budgeted revenue appropriated in prior years but not expected to be expended as of June 30th. This column will only report funds which have been previously transferred into the project and which, due to timing and/or project changes, are not expected to be used by June 30th. Any reported Carryover funds are used to reduce the anticipated revenue contribution in the 2017/18 fiscal year. The revised budgeting process ensures all revenue sources are properly identified. Please refer to page 13 for an illustration of the Prior Funded and Carryover columns.

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. For example, if there was an immediate need for a street improvement, but no funds were available for that improvement, monies from the Parks and Trails Development Impact Fee Fund could not be used as they are designated for park/trail projects only.

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) Development Services; 4) Community Facilities District (CFD) Assessments; 5) Motor Vehicle In-Lieu Tax; 6) Parks and Recreation Property Tax; 7) Franchise Fees and 8) Gas Tax.

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 at the time a building permit is issued for the purpose of mitigating the impacts caused by new development on the City's infrastructure. Fees are used to finance the acquisition, construction and improvement of public facilities needed as a result of this new development.

The City's Development Fee Program has been in effect in Brentwood since FY 1989/90. The current Development Fee Program, titled the City of Brentwood Development Impact Fee Program 2015, was adopted in April 2015 and can be found on the City's website at www.brentwoodca.gov. Adjustments to the fees may be made annually in accord with the Engineering News Record Construction Cost Index. The program sets forth the relationship between contemplated future development, facilities needed to serve future development and the estimated costs of

those improvements based on the City's current General Plan for build-out. 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 July 1, 2016.

DEVELOPMENT IMPACT FEE PROGRAM							
General Plan Build Out							
Fee Category	Fund	RESIDENTIAL per Unit			NON-RESIDENTIAL per Building Sq. Ft.		
		Single Family	Multi-Family	Active Adult	Commercial	Office	Industrial/ Institutional
Water	250	\$ 8,781.16	\$ 3,769.59	\$ 7,895.30	\$ 1.0651	\$ 1.3314	\$ 1.1557
Roadway	251	11,601.93	7,193.20	5,104.85	4.3232	5.1861	3.2021
Parks and Trails	252	8,195.29	5,435.38	4,111.11	-	-	-
Wastewater	255	5,741.74	4,124.68	4,687.13	1.9207	1.9207	1.3338
Community Facilities	256	2,784.92	1,847.04	1,397.03	0.5084	0.6539	0.3895
Fire	257	847.46	847.46	847.46	0.1670	0.1670	0.1670
Administration	261	637.40	422.74	319.75	0.3754	0.4829	0.2877
TOTAL FEES		\$38,589.90	\$23,640.09	\$24,362.63	\$ 8.36	\$ 9.74	\$ 6.54

Development impact fees are a major source of funding for CIP projects. 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 16, 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.

On the following page is a schedule that shows the projected five-year Capital Improvement Development Impact Fee Balances by Type of project. The projected balances are made up of the following:

- **Revenues** – The Development Impact Fee revenues are estimated by multiplying the projected number of single family residences and planned square footage of commercial, office and industrial projects by year, found on page 16, by the projected Development Impact Fees that each is expected to generate. Interest income and other income due to the Development Impact Fee Funds are added to the revenues.
- **Developer Credits** – Developer credits are projected Development Impact Fee reimbursements, also known as credits, due to developers for the cost of improvements that are in excess of what is required for their development. Reimbursements are approved by Council through a Reimbursement Agreement with the developer.

- **Expenditures** – The expenditures include the estimated costs of capital projects, administration and bond debt service or loan agreement payments.

Capital Improvement Development Impact Fee Balances by Type						
Projections through Fiscal Year 2021/22						
<i>Based on CIP Plan Units Per Year (Page 16)</i>						
	Roadway	Parks and Trails	Water	Wastewater	Community Facilities	Total
BALANCE 6/30/16	\$ 4,737,898	\$ (173,111)	\$ 4,307,000	\$ 8,947,753	\$ 419,941	\$ 18,239,481
2016/17						
Revenues	3,689,469	2,116,805	1,779,083	1,833,806	973,016	10,392,179
Less: Developer Credits	693,733	1,177,255	92,899	44,669	(1)	2,008,555
Expenditures	994,925	473,722	2,461,058	1,377,596	1,023,100	6,330,401
BALANCE 6/30/17	\$ 6,738,709	\$ 292,717	\$ 3,532,126	\$ 9,359,294	\$ 369,858	\$ 20,292,704
2017/18						
Revenues	2,223,191	1,319,695	975,387	2,787,364	684,054	7,989,691
Less: Developer Credits	524,860	741,283	61,522	42,903	-	1,370,568
Expenditures	1,099,395	333,926	2,271,324	1,419,602	1,180,267	6,304,514
BALANCE 6/30/18	\$ 7,337,645	\$ 537,203	\$ 2,174,667	\$ 10,684,153	\$ (126,355)	\$ 20,607,313
2018/19						
Revenues	3,235,716	1,584,529	1,486,991	1,218,939	756,384	8,282,559
Less: Developer Credits	547,860	218,060	14,143	13,238	-	793,301
Expenditures	4,998,159	364,626	2,710,037	1,562,461	760,230	10,395,513
BALANCE 6/30/19	\$ 5,027,342	\$ 1,539,046	\$ 937,478	\$ 10,327,393	\$ (130,201)	\$ 17,701,058
2019/20						
Revenues	4,335,075	1,626,120	1,914,568	1,998,587	970,814	10,845,164
Less: Developer Credits	536,903	213,699	13,860	12,973	-	777,435
Expenditures	999,739	365,492	1,833,653	1,643,397	577,672	5,419,953
BALANCE 6/30/20	\$ 7,825,775	\$ 2,585,975	\$ 1,004,533	\$ 10,669,610	\$ 262,941	\$ 22,348,834
2020/21						
Revenues	3,101,844	1,504,551	1,535,672	1,434,458	786,284	8,362,809
Less: Developer Credits	473,351	188,404	12,219	11,437	-	685,411
Expenditures	1,032,134	388,697	1,413,028	3,131,576	279,261	6,244,696
BALANCE 6/30/21	\$ 9,422,134	\$ 3,513,425	\$ 1,114,958	\$ 8,961,055	\$ 769,964	\$ 23,781,536
2021/22						
Revenues	2,061,811	1,375,861	1,204,680	951,120	627,106	6,220,578
Less: Developer Credits	411,991	163,981	10,635	9,955	-	596,562
Expenditures	1,752,952	401,107	2,723,482	3,279,751	277,275	8,434,567
BALANCE 6/30/22	\$ 9,319,002	\$ 4,324,198	\$ (414,479)	\$ 6,622,469	\$ 1,119,795	\$ 20,970,985

Enterprise

Enterprise Funds account for operations in a manner similar to private business enterprises where the intent is for the costs of providing goods or services to the general public on a continuing basis to be financed or recovered primarily through user charges. The sources of financing for some projects are Water, Wastewater and Solid Waste Enterprises or their Replacement funds. 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 State Loans and Bonds section below for additional information on State loans.

Development Contributions

Development contributions are funds collected from developers, and placed into deposit accounts, which pay for plan checking, 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:

- **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.
- **Public Art Acquisition** – This fund accounts for the acquisition and construction of Public Art.
- **PEG Media** – Projects funded by the Public Access, Educational and Governmental (PEG) television channels provided for the citizens of Brentwood.
- **Bond Proceeds** – See State Loans and Bonds Section Below.

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 2017/18 – 2021/22 CIP.

- **Civic Center Project Lease Revenue Bonds, Series 2009 A&B** – On October 16, 2009, 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 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% to 6.8%. 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 will be made over 20 years at an interest rate of 3.25%. Debt service will primarily be 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.

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. 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 FY, providing progress reports to the City Council, evaluating new opportunities and resolving issues. In addition, the CIP Executive Committee is responsible for the following activities:

- 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 2017/18 – 2021/22 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 - Phase II Expansion
- Project Time Billing – The City’s CIP Team consists of personnel who, at times, perform work on CIP projects in-lieu of the City hiring outside consultants. The City’s goal is to ensure the appropriate operating funds are reimbursed for this staff time, while staying within the project budget approved by the City Council. When staff time is billed to a CIP project, it is only after: 1) the project manager has been notified and 2) the City Manager, along with the rest of the CIP Executive Committee, gives their approval.

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 savings are returned to the original funding source. If the project is completed in the same fiscal year it was funded, then any remaining funds are returned to the source by adjusting the original funding amount. If the project is completed in a fiscal year subsequent to the year the project was funded, then any remaining amounts are returned to the source through a transfer back to the 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, a project manager, upon approval from their Director, submits a staff report to City Council for their approval. If the City Council approves the request for a budget amendment, Finance and Information Systems will increase the budget. Upon City Council approval of a new project, the project manager obtains authorization from the CIP Executive Committee before beginning the project.

When a project is 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) transfer any remaining funds back to the appropriate accounts and 3) close the project accounts. Any request for project closure, prior to any funds being spent, requires approval from the CIP Executive Committee.

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 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 assure delivery to the wastewater treatment plant. Items include both existing and proposed sanitary sewer pipes and lift stations. Treatment plant expansion and capacity, 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.

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 Development Improvements, includes a Summary of Proposed Improvements and an Improvements Summary.

Summary of Proposed Improvements

The Summary of Proposed Improvements provides a list of all the projects in a given category. Information in the Summary includes: the page number, project number, project title, the cost of the project for the prior year, if applicable, plus five future years and the total cost of the project. The total cost for all projects in the category is also provided.

Improvements Summary

The purpose of the Improvements Summary sheet is to provide general information on how much the City has either spent or budgeted, shown by project expenditure category and by funding source. The amount spent to date is shown in the Prior column. Carryover is the amount of budgeted revenue appropriated in prior years but not expected to be expended as of June 30th. Please refer to page 3 for additional information on Carryover Funding.

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 #:

--	--



- Project Category:**
- Location:**
- Project Manager:**
- Project Priority:**
- Project Phase:**
- Est. Completion Date:**
- Future Annual O&M Impact:**
- Public Art Requirement:**

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. The requesting department initially determines this priority and the CIP Executive Committee finalizes project priorities based on available staffing and funding sources. A complete description of the project priorities can be found beginning on page 13.
- 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.
- The project is either **Exempt** from the **Public Art Requirement** or the requirement is **Applicable** to the project.
- 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
	Prior	20XX/XX	20XX/XX	20XX/XX	20XX/XX	20XX/XX	
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. Project expenditures are updated when the CIP is updated or amended. 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.

- a) **Legal** – All legal costs associated with a project.
- b) **Planning and Design** – Includes concept design, site selection, feasibility analysis, schematic design, environmental determination, scheduling, grant application, grant approval and specification preparation.
- c) **Construction** – Includes bid administration, award of contract and construction.
- d) **Project Administration** – Costs associated with ensuring City standards are adhered to during construction.
- e) **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								
46xxx 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. 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. For an explanation of the Prior Funded and Carryover columns, please refer to page 3.

Prioritization Criteria

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 28.

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 or County requirements.
- C. Safety Obligations – Projects are required to ensure the safety of the citizens.
- D. Development – Funds should be available to reimburse development driven projects.
- 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.



Capital Improvement Program Summary Data

Summary data for the 2017/18 – 2021/22 CIP can be found beginning on page 16. All summary data includes only the City CIP projects.



Building Permit Projections

Facility Fee funding available for CIP projects is based on: 1) both the forecasted CIP Plan Units and CIP Plan Sq. Ft. Per Year, shown below; 2) the facility fee revenue generated by these units; 3) development credits owed and 4) project expenditures.

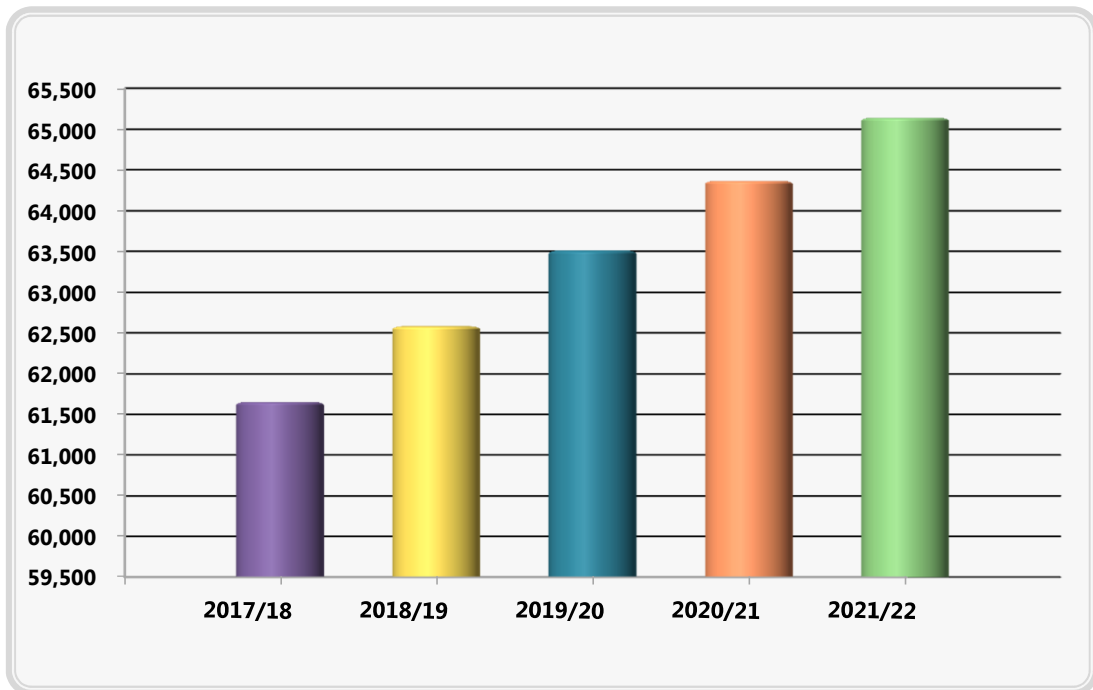
Fiscal Year	2017/18	2018/19	2019/20	2020/21	2021/22
CIP Plan Units Per Year ⁽¹⁾	275	300	300	275	250
CIP Plan Sq. Ft. Per Year ⁽²⁾	115,000	90,000	465,000	220,000	30,000
Citywide Unit Total	20,190	20,490	20,790	21,065	21,315
Population Total (end of Fiscal Year)	61,655	62,585	63,515	64,367	65,142

(1) Units refer to Single Family Units only. Multi-Family Units not included due to unpredictability.

(2) Sq. Ft. refers to Commercial, Office and Industrial development.

Source: City of Brentwood Public Works and Community Development Departments

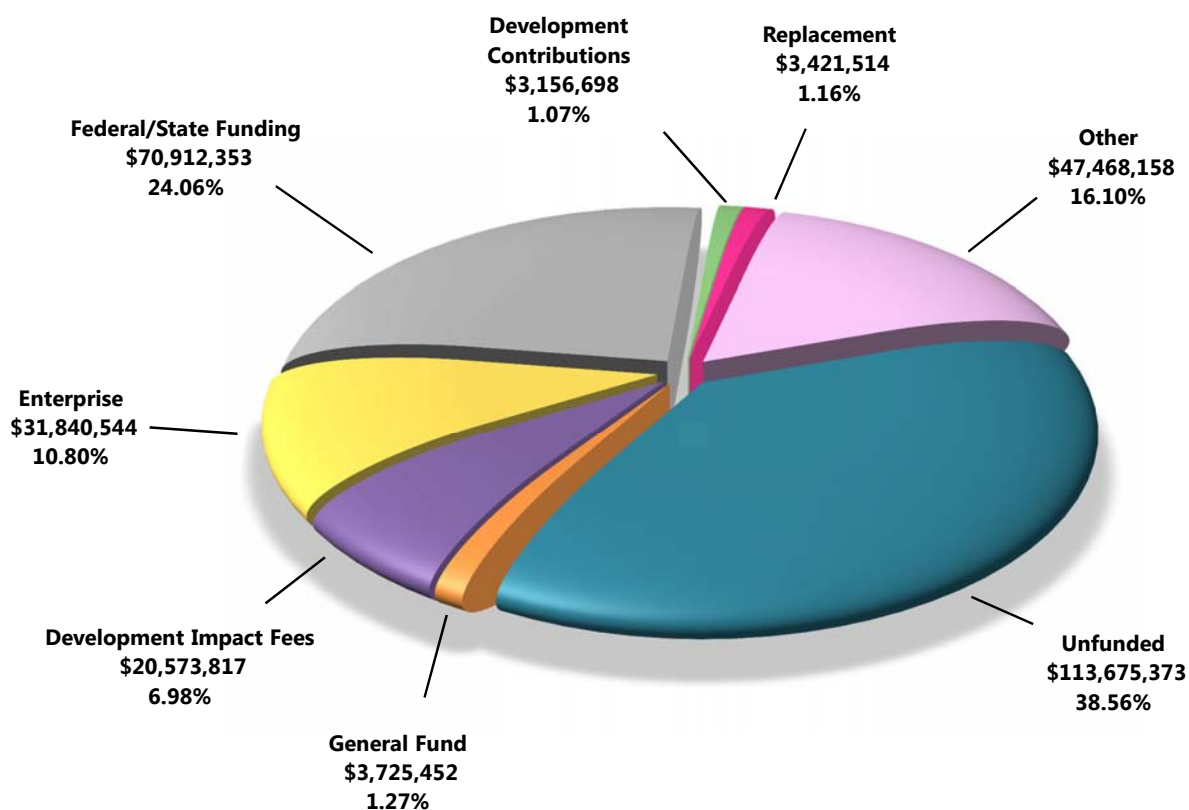
Five-Year Population Growth Chart



Capital Improvement Program Funding by Source

The CIP consists of 82 City projects totaling \$294,773,909. A description of the funding sources for these projects begins on page 4. A Capital Revenue Summary, showing Sources by Fund, is on page 18, and the accompanying Capital Revenue Summary showing Sources of Funds in Detail begins on page 19.

Category	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	Total
	Funded	Carryover						
General Fund	\$ 472,500	\$ 707,500	\$ 1,090,000	\$ 240,000	\$ 455,000	\$ 463,400	\$ 297,052	\$ 3,725,452
Development Impact Fees	7,565,492	2,984,555	1,448,155	5,419,220	582,968	238,000	2,335,427	\$ 20,573,817
Enterprise	8,626,284	1,538,910	5,735,311	4,155,853	3,947,614	3,441,052	4,395,520	\$ 31,840,544
Federal/State Funding	1,935,540	7,035,500	12,775,614	35,315,699	13,850,000	-	-	\$ 70,912,353
Development Contributions	1,307,648	12,767	350,000	65,000	850,000	571,283	-	\$ 3,156,698
Replacement	2,119,034	390,966	911,514	-	-	-	-	\$ 3,421,514
Other	7,490,177	11,541,100	10,806,875	8,696,006	900,000	6,294,000	1,740,000	\$ 47,468,158
Unfunded	-	-	-	15,587,882	30,784,418	20,241,000	47,062,073	\$ 113,675,373
TOTAL	\$ 29,516,675	\$ 24,211,298	\$ 33,117,469	\$ 69,479,660	\$ 51,370,000	\$ 31,248,735	\$ 55,830,072	\$ 294,773,909



Capital Revenue Summary										
Sources by Fund										
Fund	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	Total		
	Funded	Carryover								
General Fund										
100 General Fund	\$ 472,500	\$ 707,500	\$ 1,090,000	\$ 240,000	\$ 455,000	\$ 463,400	\$ 297,052	\$ 3,725,452		
Total General Fund	\$ 472,500	\$ 707,500	\$ 1,090,000	\$ 240,000	\$ 455,000	\$ 463,400	\$ 297,052	\$ 3,725,452		
Development Impact Fees										
250 Water	\$ 2,949,157	\$ 42,701	\$ 1,115,155	\$ 1,414,220	\$ 577,968	\$ 203,000	\$ 1,479,000	\$ 7,781,201		
251 Roadway	3,046,943	1,104,326	133,000	4,000,000	-	-	703,927	8,988,196		
252 Parks and Trails	98,145	150,000	-	-	-	-	-	248,145		
255 Wastewater	1,198,970	1,560,375	-	5,000	5,000	35,000	152,500	2,956,845		
256 Community Facilities	272,277	127,153	200,000	-	-	-	-	599,430		
Total Development Impact Fees	\$ 7,565,492	\$ 2,984,555	\$ 1,448,155	\$ 5,419,220	\$ 582,968	\$ 238,000	\$ 2,335,427	\$ 20,573,817		
Enterprise Funds										
540 Solid Waste	\$ 70,000	\$ 408,910	\$ 621,177	\$ 433,813	\$ 446,827	\$ 460,232	\$ 474,039	\$ 2,914,998		
560 Water	311,942	-	232,979	567,820	2,367,820	2,367,820	2,289,981	8,138,362		
563 Water Replacement	2,896,905	-	3,073,655	2,956,720	1,132,967	578,000	1,479,000	12,117,247		
590 Wastewater	4,087,094	1,130,000	370,000	160,000	-	-	-	5,747,094		
593 Wastewater Replacement	1,260,343	-	1,437,500	37,500	-	35,000	152,500	2,922,843		
Total Enterprise Funds	\$ 8,626,284	\$ 1,538,910	\$ 5,735,311	\$ 4,155,853	\$ 3,947,614	\$ 3,441,052	\$ 4,395,520	\$ 31,840,544		
Federal/State Funding										
217 Grants	\$ 1,285,540	\$ 2,260,500	\$ 1,839,301	\$ 2,569,149	\$ 1,172,500	\$ -	\$ -	\$ 9,126,990		
Federal/State Funding	650,000	4,775,000	10,936,313	32,746,550	12,677,500	-	-	61,785,363		
Total Federal/State Funding	\$ 1,935,540	\$ 7,035,500	\$ 12,775,614	\$ 35,315,699	\$ 13,850,000	\$ -	\$ -	\$ 70,912,353		
Development Contributions										
Development Contributions	\$ 1,307,648	\$ 12,767	\$ 350,000	\$ 65,000	\$ 850,000	\$ 571,283	\$ -	\$ 3,156,698		
Total Development Contributions	\$ 1,307,648	\$ 12,767	\$ 350,000	\$ 65,000	\$ 850,000	\$ 571,283	\$ -	\$ 3,156,698		
Replacement Funds										
703 Information Systems Replacement	\$ 2,119,034	\$ 390,966	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,510,000		
708 Parks and LLAD Replacement	-	-	911,514	-	-	-	-	911,514		
Total Replacement Funds	\$ 2,119,034	\$ 390,966	\$ 911,514	\$ -	\$ -	\$ -	\$ -	\$ 3,421,514		
Other										
Fire Fees										
257 Fire Fees	\$ 697,397	\$ -	\$ -	\$ -	\$ -	\$ 5,394,000	\$ -	\$ 6,091,397		
Special Revenue Funds										
263 Agriculture Land	895,295	-	-	184,705	-	-	-	1,080,000		
267 Public Art Administration	7,000	43,000	50,000	-	-	-	-	100,000		
268 Public Art Program	-	200,000	200,000	-	-	-	-	400,000		
285 PEG Media	-	-	-	-	-	-	840,000	840,000		
293 Measure J	880,000	215,000	980,000	900,000	900,000	900,000	900,000	5,675,000		
301 Redevelopment	44,874	-	-	-	-	-	-	44,874		
Capital Project Funds										
361 Community Facilities District (CFD)	4,500,000	3,400,000	-	-	-	-	-	7,900,000		
366 2015 Lease Revenue Bonds	214,000	5,757,464	4,228,536	400,000	-	-	-	10,600,000		
392 Capital Infrastructure	-	40,000	3,240,383	506,000	-	-	-	3,786,383		
393 Vineyards Projects	-	-	-	3,400,000	-	-	-	3,400,000		
394 Vineyards Event Center	14,317	1,877,727	1,907,956	-	-	-	-	3,800,000		
Miscellaneous										
Miscellaneous	237,294	7,909	200,000	3,305,301	-	-	-	3,750,504		
Total Other	\$ 7,490,177	\$ 11,541,100	\$ 10,806,875	\$ 8,696,006	\$ 900,000	\$ 6,294,000	\$ 1,740,000	\$ 47,468,158		
TOTAL FUNDED PROJECTS	\$ 29,516,675	\$ 24,211,298	\$ 33,117,469	\$ 53,891,778	\$ 20,585,582	\$ 11,007,735	\$ 8,767,999	\$ 181,098,536		
Unfunded										
Unfunded	\$ -	\$ -	\$ -	\$ 15,587,882	\$ 30,784,418	\$ 20,241,000	\$ 47,062,073	\$ 113,675,373		
TOTAL UNFUNDED PROJECTS	\$ -	\$ -	\$ -	\$ 15,587,882	\$ 30,784,418	\$ 20,241,000	\$ 47,062,073	\$ 113,675,373		
TOTAL PROJECTS	\$ 29,516,675	\$ 24,211,298	\$ 33,117,469	\$ 69,479,660	\$ 51,370,000	\$ 31,248,735	\$ 55,830,072	\$ 294,773,909		

Capital Revenue Summary										
Sources of Funds in Detail										
Page	Project #	Project	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	Total
			Funded	Carryover						
General Fund										
Fund #100 - General Fund										
109		City Hall Automatic Transfer Switch	\$ -	\$ -	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ 215,000
40	31630	Citywide Overhead Utility Replacement	20,000	210,000	-	-	-	-	-	230,000
112	37207	Citywide Sign/Identification Program	27,500	7,500	-	-	-	-	-	35,000
113	37245	Community Build-Out Plan	150,000	-	150,000	-	-	-	-	300,000
45	31683	John Muir Parkway Extension - Phase II	-	330,000	-	-	-	-	-	330,000
119		License Plate Reader System - Phase II	-	-	250,000	-	-	-	-	250,000
49	30837	Pavement Management Program - 2017	-	160,000	-	-	-	-	-	160,000
50		Pavement Management Program - 2018	-	-	200,000	-	-	-	-	200,000
51		Pavement Management Program - Future	-	-	-	240,000	280,000	288,400	297,052	1,105,452
123	37246	Specific Plan for Priority Area 1	275,000	-	275,000	-	-	-	-	550,000
128	37228	Zoning Ordinance Update	-	-	-	-	175,000	175,000	-	350,000
Total General Fund			\$ 472,500	\$ 707,500	\$ 1,090,000	\$ 240,000	\$ 455,000	\$ 463,400	\$ 297,052	\$ 3,725,452
Development Impact Fees										
Fund #250 - Water										
78	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 10,000
79		Canal Replacement Cost Share	65,975	-	211,845	573,910	572,968	203,000	1,479,000	3,106,698
115	37197	Development Services Software	97,290	-	-	-	-	-	-	97,290
45	31683	John Muir Parkway Extension - Phase II	150,000	40,000	-	-	-	-	-	190,000
99	56396	Purchase of Capacity Rights	2,505,930	-	835,310	835,310	-	-	-	4,176,550
84	56320	Underground Water System Corrosion Mitigation	120,058	-	68,000	-	-	-	-	188,058
90	56380	Zone I Equalization Storage Reservoirs	9,904	2,701	-	-	-	-	-	12,605
Total Water			\$ 2,949,157	\$ 42,701	\$ 1,115,155	\$ 1,414,220	\$ 577,968	\$ 203,000	\$ 1,479,000	\$ 7,781,201
Fund #251 - Roadway										
34	31600	Brentwood Boulevard and Guthrie Lane Traffic Signal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,400	\$ 5,400
35	31620	Brentwood Boulevard Widening North - Phase I	95,650	304,350	-	-	-	-	-	400,000
41	31500	Citywide Traffic Signal Interconnect Program	524,000	-	50,000	-	-	-	-	574,000
115	37197	Development Services Software	146,520	-	-	-	-	-	-	146,520
42		Empire Avenue and Amber Lane Traffic Signal	-	-	48,000	-	-	-	-	48,000
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	-	-	-	-	-	-	683,000	683,000
45	31683	John Muir Parkway Extension - Phase II	52,188	37,511	35,000	-	-	-	-	124,699
47	31340	Lone Tree Way - Union Pacific Undercrossing	2,228,585	762,465	-	-	-	-	-	2,991,050
48		Oak Street and Garin Parkway Traffic Signal	-	-	-	-	-	-	15,527	15,527
52		Priority Area 1 Infrastructure Improvements	-	-	-	4,000,000	-	-	-	4,000,000
Total Roadway			\$ 3,046,943	\$ 1,104,326	\$ 133,000	\$ 4,000,000	\$ -	\$ -	\$ 703,927	\$ 8,988,196
Fund #252 - Parks and Trails										
115	37197	Development Services Software	\$ 98,145	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,145
69	52426	Parks, Trails and Recreation Master Plan Update	-	150,000	-	-	-	-	-	150,000
Total Parks and Trails			\$ 98,145	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 248,145
Fund #255 - Wastewater										
78	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 10,000
115	37197	Development Services Software	58,095	-	-	-	-	-	-	58,095
45	31683	John Muir Parkway Extension - Phase II	97,812	57,188	-	-	-	-	-	155,000
96		Marsh Creek Sewer Constriction Upgrade	-	-	-	-	-	35,000	152,500	187,500
97	59198	Non-Potable Storage Facility	46,750	-	-	-	-	-	-	46,750
102	59140	Wastewater Treatment Plant - Phase II Expansion	996,313	1,503,187	-	-	-	-	-	2,499,500
Total Wastewater			\$ 1,198,970	\$ 1,560,375	\$ -	\$ 5,000	\$ 5,000	\$ 35,000	\$ 152,500	\$ 2,956,845
Fund #256 - Community Facilities										
108	37237	City Fiber Optic Connection	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
112	37207	Citywide Sign/Identification Program	-	95,000	-	-	-	-	-	95,000
115	37197	Development Services Software	17,797	32,153	-	-	-	-	-	49,950
121	37206	Municipal Service Center	254,480	-	-	-	-	-	-	254,480
Total Community Facilities			\$ 272,277	\$ 127,153	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 599,430

Capital Revenue Summary										
Sources of Funds in Detail (Continued)										
Page	Project #	Project	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	Total
			Funded	Carryover						
Enterprise Funds										
Fund #540 - Solid Waste										
121	37206	Municipal Service Center	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
49	30837	Pavement Management Program - 2017	-	408,910	-	-	-	-	-	408,910
50		Pavement Management Program - 2018	-	-	421,177	-	-	-	-	421,177
51		Pavement Management Program - Future	-	-	-	433,813	446,827	460,232	474,039	1,814,911
103		Wastewater Treatment Plant Security	-	-	200,000	-	-	-	-	200,000
127	37235	WiFi Program - Phase II	20,000	-	-	-	-	-	-	20,000
Total Solid Waste Funds			\$ 70,000	\$ 408,910	\$ 621,177	\$ 433,813	\$ 446,827	\$ 460,232	\$ 474,039	\$ 2,914,998
Fund #560 - Water										
121	37206	Municipal Service Center	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
82	56398	Reservoir Painting and Coating	150,000	-	132,979	367,820	367,820	367,820	289,981	1,676,420
84	56320	Underground Water System Corrosion Mitigation	11,942	-	-	-	-	-	-	11,942
87	56399	Water Storage Capacity at Los Vaqueros Reservoir	100,000	-	100,000	200,000	2,000,000	2,000,000	2,000,000	6,400,000
Total Water Funds			\$ 311,942	\$ -	\$ 232,979	\$ 567,820	\$ 2,367,820	\$ 2,367,820	\$ 2,289,981	\$ 8,138,362
Fund #563 - Water Replacement										
79		Canal Replacement Cost Share	\$ 65,975	\$ -	\$ 211,845	\$ 573,910	\$ 572,967	\$ 203,000	\$ 1,479,000	\$ 3,106,697
80		Downtown Alley Rehabilitation	-	-	700,000	-	-	-	-	700,000
81	56396	Purchase of Capacity Rights	2,505,930	-	835,310	835,310	-	-	-	4,176,550
83	56397	Sensus AMR System Upgrade	325,000	-	175,000	175,000	175,000	175,000	-	1,025,000
85		Water and Wastewater SCADA System Upgrade	-	-	412,500	412,500	-	-	-	825,000
88		Water Treatment Plant Chemical Storage Tank Relining	-	-	178,000	371,000	385,000	200,000	-	1,134,000
89		Water Treatment Plant Filter Media Replacement	-	-	561,000	589,000	-	-	-	1,150,000
Total Water Replacement Funds			\$ 2,896,905	\$ -	\$ 3,073,655	\$ 2,956,720	\$ 1,132,967	\$ 578,000	\$ 1,479,000	\$ 12,117,247
Fund #590 - Wastewater										
121	37206	Municipal Service Center	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
97	59198	Non-Potable Storage Facility	46,750	-	-	-	-	-	-	46,750
100	59200	Wastewater Treatment Plant Effluent Chloride Compliance	2,710,000	1,130,000	-	160,000	-	-	-	4,000,000
121		Wastewater Treatment Plant Groundwater Well Abandonment	-	-	170,000	-	-	-	-	170,000
96	59140	Wastewater Treatment Plant - Phase II Expansion	1,260,344	-	-	-	-	-	-	1,260,344
103		Wastewater Treatment Plant Security	-	-	200,000	-	-	-	-	200,000
127	37235	WiFi Program - Phase II	20,000	-	-	-	-	-	-	20,000
Total Wastewater Funds			\$ 4,087,094	\$ 1,130,000	\$ 370,000	\$ 160,000	\$ -	\$ -	\$ -	\$ 5,747,094
Fund #593 - Wastewater Replacement										
80		Downtown Alley Rehabilitation	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
96		Marsh Creek Sewer Constriction Upgrade	-	-	-	-	-	35,000	152,500	187,500
96		Wastewater Treatment Plant Biofilter Media Replacement	-	-	200,000	-	-	-	-	200,000
102	59140	Wastewater Treatment Plant - Phase II Expansion	1,260,343	-	-	-	-	-	-	1,260,343
102		Water and Wastewater SCADA System Upgrade	-	-	537,500	37,500	-	-	-	575,000
Total Wastewater Replacement Funds			\$ 1,260,343	\$ -	\$ 1,437,500	\$ 37,500	\$ -	\$ 35,000	\$ 152,500	\$ 2,922,843
Federal/State Funding										
Fund #217 - Grants										
39		Brentwood Various Streets and Road Preservation	\$ -	\$ -	\$ 138,000	\$ 1,515,000	\$ -	\$ -	\$ -	\$ 1,653,000
95		Citywide Non-Potable Water Distribution System	-	-	730,000	749,450	-	-	-	1,479,450
42		Empire Avenue and Amber Lane Traffic Signal	-	-	366,000	-	-	-	-	366,000
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	735,540	-	-	-	-	-	-	735,540
45	31683	John Muir Parkway Extension - Phase II	-	-	605,301	129,699	-	-	-	735,000
97	59198	Non-Potable Storage Facility	550,000	2,260,500	-	-	-	-	-	2,810,500
98		Secondary Non-Potable Water Storage Facility	-	-	-	175,000	1,172,500	-	-	1,347,500
84	56320	Underground Water System Corrosion Mitigation	-	-	-	-	-	-	-	-
Total Grants			\$ 1,285,540	\$ 2,260,500	\$ 1,839,301	\$ 2,569,149	\$ 1,172,500	\$ -	\$ -	\$ 9,126,990
Federal/State Funding										
95		Citywide Non-Potable Water Distribution System	\$ -	\$ -	\$ 730,000	\$ 2,321,550	\$ -	\$ -	\$ -	\$ 3,051,550
97	59198	Non-Potable Storage Facility	550,000	4,644,000	25,500	-	-	-	-	5,219,500
71		Secondary Non-Potable Water Storage Facility	-	-	-	175,000	2,677,500	-	-	2,852,500
71	52428	Sport Court Lighting	100,000	131,000	-	-	-	-	-	231,000
102	59140	Wastewater Treatment Plant - Phase II Expansion	-	-	10,180,813	30,250,000	10,000,000	-	-	50,430,813
Total Federal/State Funding			\$ 650,000	\$ 4,775,000	\$ 10,936,313	\$ 32,746,550	\$ 12,677,500	\$ -	\$ -	\$ 61,785,363
Development Contributions										
Development Contributions										
56	52401	Agricultural Park and History Center	\$ 232,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 232,000
78	56392	Brentwood Boulevard Sewer and Water Main	-	-	-	65,000	850,000	410,000	-	1,325,000
61		CCWD Trail	-	-	-	-	-	161,283	-	161,283
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	487,233	12,767	-	-	-	-	-	500,000
47	31340	Lone Tree Way - Union Pacific Undercrossing	588,415	-	-	-	-	-	-	588,415
67		McClarren Park Improvements - Phase II	-	-	350,000	-	-	-	-	350,000
Total Development Contributions			\$ 1,307,648	\$ 12,767	\$ 350,000	\$ 65,000	\$ 850,000	\$ 571,283	\$ -	\$ 3,156,698

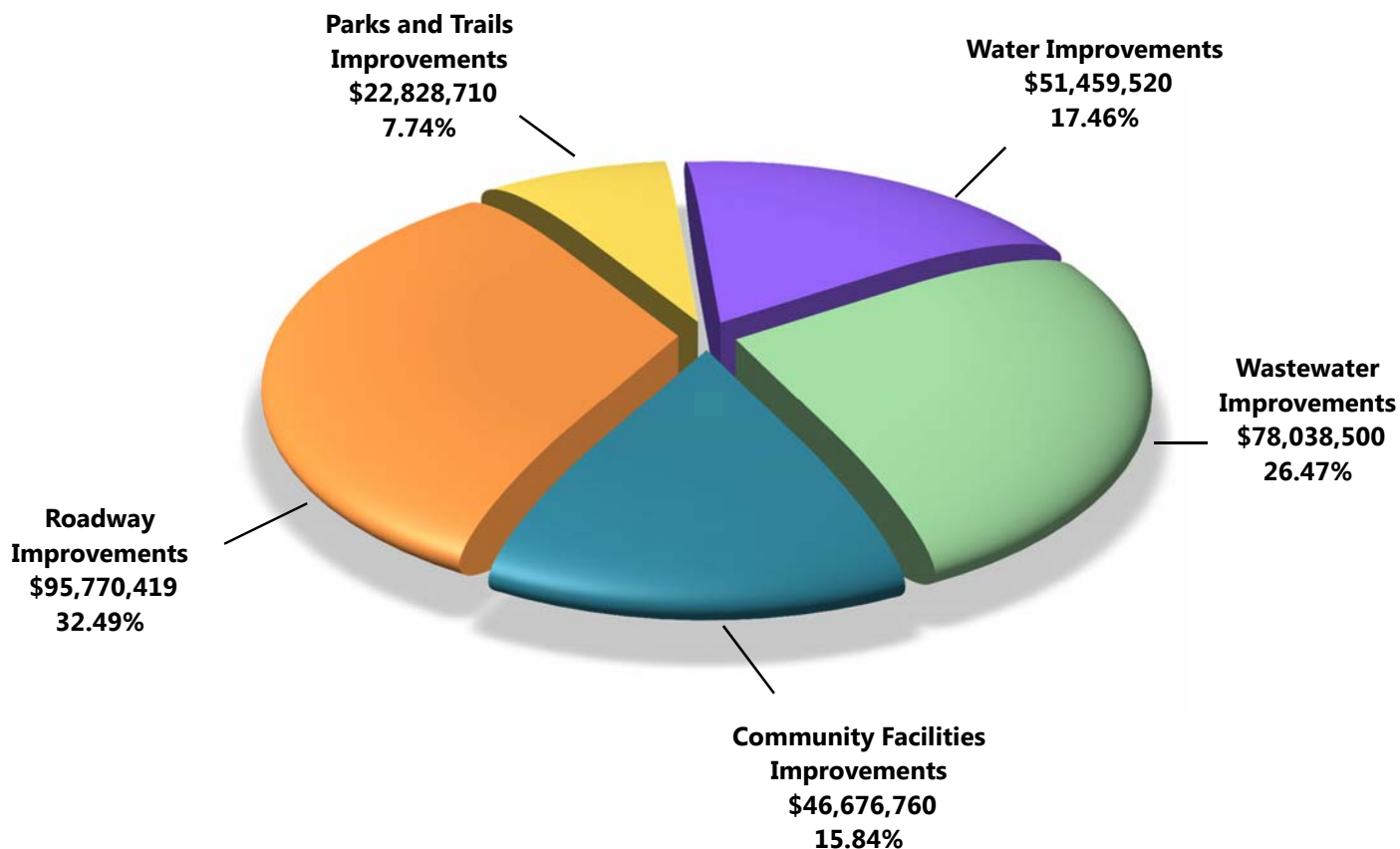
Capital Revenue Summary										
Sources of Funds in Detail (Continued)										
Page	Project #	Project	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	Total
			Funded	Carryover						
Replacement Funds										
Fund #703 - Information Systems Replacement										
108	37237	City Fiber Optic Connection	\$ 8,000	\$ 92,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
110	37226	City Phone System Upgrade	375,000	25,000	-	-	-	-	-	400,000
116	31140	Financial Software	1,451,034	223,966	-	-	-	-	-	1,675,000
124	37238	Surveillance Camera and Storage System Upgrade	200,000	40,000	-	-	-	-	-	240,000
127	37235	WiFi Program - Phase II	85,000	10,000	-	-	-	-	-	95,000
Total Information Systems Replacement Funds			\$ 2,119,034	\$ 390,966	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,510,000
Fund #708 - Parks and LLAD Replacement										
63		Garin Park Playground Replacement	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
72		Sunset Field Natural Turf Improvement	-	-	300,000	-	-	-	-	300,000
46	31690	LED Street Light Conversion - Phase II	-	-	311,514	-	-	-	-	311,514
Total Parks and LLAD Replacement Funds			\$ -	\$ -	\$ 911,514	\$ -	\$ -	\$ -	\$ -	\$ 911,514
Other										
Fire Fees										
Fund #257 - Fire Fees										
117	37030	Fire Station #53 (Shady Willow)	\$ 697,397	\$ -	\$ -	\$ -	\$ -	\$ 5,394,000	\$ -	\$ 6,091,397
Total Fire Fees Funds			\$ 697,397	\$ -	\$ -	\$ -	\$ -	\$ 5,394,000	\$ -	\$ 6,091,397
Special Revenue Funds										
Fund #263 - Agriculture Land										
56	52401	Agricultural Park and History Center	\$ 895,295	\$ -	\$ -	\$ 184,705	\$ -	\$ -	\$ -	\$ 1,080,000
Total Agriculture Land Funds			\$ 895,295	\$ -	\$ -	\$ 184,705	\$ -	\$ -	\$ -	\$ 1,080,000
Fund #267 - Public Art Administration										
111	37244	Citywide Gateway Monuments "4-Corners"	\$ 7,000	\$ 43,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Total Public Art Administration Funds			\$ 7,000	\$ 43,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Fund #268 - Public Art Acquisition										
111	37244	Citywide Gateway Monuments "4-Corners"	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Total Public Art Program Funds			\$ -	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Fund #285 - PEG Media										
122		PEG Cable TV Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,000	\$ 840,000
Total PEG Media Funds			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,000	\$ 840,000
Fund #293 - Measure J										
39		Brentwood Various Streets and Road Preservation	\$ -	\$ -	\$ 18,000	\$ 198,000	\$ -	\$ -	\$ -	\$ 216,000
49	30837	Pavement Management Program - 2017	880,000	215,000	-	-	-	-	-	1,095,000
50		Pavement Management Program - 2018	-	-	962,000	-	-	-	-	962,000
51		Pavement Management Program - Future	-	-	-	702,000	900,000	900,000	900,000	3,402,000
Total Measure J Funds			\$ 880,000	\$ 215,000	\$ 980,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 5,675,000
Fund #301 - Redevelopment										
35	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)										
120	37241	Library - New Construction	\$ 4,500,000	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,900,000
Total Community Facilities District Funds			\$ 4,500,000	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,900,000
Fund #366 - 2015 Lease Revenue Bonds										
120	37241	Library - New Construction	\$ -	\$ 1,444,885	\$ 3,755,115	\$ 400,000	\$ -	\$ -	\$ -	\$ 5,600,000
121	37206	Municipal Service Center	214,000	4,312,579	473,421	-	-	-	-	5,000,000
Total 2015 Lease Revenue Bonds Funds			\$ 214,000	\$ 5,757,464	\$ 4,228,536	\$ 400,000	\$ -	\$ -	\$ -	\$ 10,600,000
Fund #392 - Capital Infrastructure										
111	37244	Citywide Gateway Monuments "4-Corners"	\$ -	\$ 40,000	\$ 246,383	\$ -	\$ -	\$ -	\$ -	\$ 286,383
52		Priority Area 1 Infrastructure Improvements	-	-	2,994,000	506,000	-	-	-	3,500,000
Total Capital Infrastructure Funds			\$ -	\$ 40,000	\$ 3,240,383	\$ 506,000	\$ -	\$ -	\$ -	\$ 3,786,383
Fund #393 - Vineyards Projects										
126	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										
126	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	\$ 14,317	\$ 1,877,727	\$ 1,907,956	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000
Total Vineyards Event Center Funds			\$ 14,317	\$ 1,877,727	\$ 1,907,956	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000
Miscellaneous										
114	37247	Community Gazebo	\$ 1,077	\$ 6,423	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,500
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	6,217	-	-	-	-	-	-	6,217
45	31683	John Muir Parkway Extension - Phase II	230,000	-	-	3,305,301	-	-	-	3,535,301
46	31690	LED Street Light Conversion - Phase II	-	1,486	200,000	-	-	-	-	201,486
125		Veterans Park Gazebo	-	-	-	-	-	-	-	-
Total Other			\$ 237,294	\$ 7,909	\$ 200,000	\$ 3,305,301	\$ -	\$ -	\$ -	\$ 3,750,504
TOTAL FUNDED PROJECTS			\$29,516,675	\$24,211,298	\$33,117,469	\$53,891,778	\$20,585,582	\$11,007,735	\$ 8,767,999	\$181,098,536

Capital Revenue Summary										
Sources of Funds in Detail (Continued)										
Page	Project #	Project	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	Total
			Funded	Carryover						
Unfunded										
94		Apple Hill Drive Sewer Diversion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109,000	\$ 479,000	\$ 588,000
57		Aquatic Complex Locker Rooms Remodeling	-	-	-	-	-	-	400,000	400,000
58		Aquatic Complex Pool Plastering	-	-	-	350,000	-	-	-	350,000
59		Aquatic Complex Slide Replacement	-	-	-	-	-	300,000	-	300,000
60		Aquatic Complex Water Play Structures Replacement	-	-	-	300,000	-	-	-	300,000
34	31600	Brentwood Boulevard and Guthrie Lane Traffic Signal	-	-	-	-	-	-	294,600	294,600
78	56392	Brentwood Boulevard Sewer and Water Main	-	-	-	75,000	840,000	1,140,000	-	2,055,000
35	31620	Brentwood Boulevard Widening North - Phase I	-	-	-	2,035,783	4,219,343	-	-	6,255,126
36		Brentwood Boulevard Widening North - Phase II	-	-	-	120,000	220,000	670,000	8,490,000	9,500,000
37		Brentwood Boulevard Widening North - Phase III	-	-	-	-	-	-	10,500,000	10,500,000
38	31610	Brentwood Boulevard Widening - South	-	-	-	-	-	-	8,600,000	8,600,000
108	37237	City Fiber Optic Connection	-	-	-	200,000	200,000	200,000	200,000	800,000
80		Downtown Alley Rehabilitation	-	-	-	1,200,000	1,200,000	1,200,000	2,000,000	5,600,000
62		Empire Avenue Elementary School/Park - Phase II	-	-	-	909,915	1,686,075	-	-	2,595,990
118	37100	Fire Station #54 (Replace Downtown)	-	-	-	-	-	588,000	6,464,000	7,052,000
66		Gregory Lane and Sunrise Drive Drainage Improvements	-	-	-	141,000	1,329,000	-	-	1,470,000
64		Homecoming Park Playground Replacement	-	-	-	-	300,000	-	-	300,000
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	-	-	-	-	-	-	3,679,000	3,679,000
65		Joint Use Sport Fields - LUHSD	-	-	-	1,500,000	10,000,000	-	-	11,500,000
66		Loma Vista Park Playground Replacement	-	-	-	265,000	-	-	-	265,000
47	31340	Lone Tree Way - Union Pacific Undercrossing	-	-	-	6,856,747	5,540,000	5,540,000	5,541,000	23,477,747
68		Miwok Park Playground Replacement	-	-	-	-	-	200,000	-	200,000
48		Oak Street and Garin Parkway Traffic Signal	-	-	-	-	-	-	284,473	284,473
70		Sand Creek Park - Phase II	-	-	-	50,000	250,000	3,256,000	-	3,556,000
86		Water Distribution System Blending Facility	-	-	-	1,197,000	5,000,000	2,298,000	-	8,495,000
73		Windsor Way Park Expansion	-	-	-	127,437	-	-	-	127,437
74		Windsor Way Park Playground Replacement	-	-	-	-	-	-	130,000	130,000
90	56380	Zone I Equalization Storage Reservoirs	-	-	-	260,000	-	4,740,000	-	5,000,000
		Total Unfunded Projects	\$ -	\$ -	\$ -	\$ 15,587,882	\$ 30,784,418	\$ 20,241,000	\$ 47,062,073	\$ 113,675,373
		TOTAL PROJECTS	\$ 29,516,675	\$ 24,211,298	\$ 33,117,469	\$ 69,479,660	\$ 51,370,000	\$ 31,248,735	\$ 55,830,072	\$ 294,773,909

Capital Improvement Program Expenditures by Category

The CIP consists of 82 City projects totaling \$294,773,909. The chart below summarizes these expenditures by Project Category. A detailed listing of Project Expenditures by Category begins on page 24.

Category	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total
Roadway Improvements	\$ 6,140,514	\$ 8,888,669	\$ 20,183,343	\$ 12,935,170	\$ 7,858,632	\$ 39,764,091	\$ 95,770,419
Parks and Trails Improvements	1,227,295	1,231,000	3,687,057	12,236,075	3,917,283	530,000	\$ 22,828,710
Water Improvements	5,860,714	5,661,990	7,778,260	11,973,755	12,936,820	7,247,981	\$ 51,459,520
Wastewater Improvements	7,420,500	21,974,000	33,831,000	13,850,000	179,000	784,000	\$ 78,038,500
Community Facilities Improvements	8,867,652	19,573,108	4,000,000	375,000	6,357,000	7,504,000	\$ 46,676,760
TOTAL	\$ 29,516,675	\$ 57,328,767	\$ 69,479,660	\$ 51,370,000	\$ 31,248,735	\$ 55,830,072	\$ 294,773,909



Project Expenditures by Category									
Roadway Improvements									
Page	Project #	Project Title	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
34	31600	Brentwood Boulevard and Guthrie Lane Traffic Signal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
35	31620	Brentwood Boulevard Widening North - Phase I	140,524	304,350	2,035,783	4,219,343	-	-	6,700,000
36		Brentwood Boulevard Widening North - Phase II	-	-	120,000	220,000	670,000	8,490,000	9,500,000
37		Brentwood Boulevard Widening North - Phase III	-	-	-	-	-	10,500,000	10,500,000
38	31610	Brentwood Boulevard Widening - South	-	-	-	-	-	8,600,000	8,600,000
39		Brentwood Various Streets and Road Preservation	-	156,000	1,713,000	-	-	-	1,869,000
40	31630	Citywide Overhead Utility Replacement	20,000	210,000	-	-	-	-	230,000
41	31500	Citywide Traffic Signal Interconnect Program	524,000	50,000	-	-	-	-	574,000
42		Empire Avenue and Amber Lane Traffic Signal	-	414,000	-	-	-	-	414,000
43		Gregory Lane and Sunrise Drive Drainage Improvements	-	-	141,000	1,329,000	-	-	1,470,000
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	1,228,990	12,767	-	-	-	4,362,000	5,603,757
45	31683	John Muir Parkway Extension - Phase II	530,000	1,105,000	3,435,000	-	-	-	5,070,000
46	31690	LED Street Light Conversion - Phase II	-	513,000	-	-	-	-	513,000
47	31340	Lone Tree Way - Union Pacific Undercrossing	2,817,000	762,465	6,856,747	5,540,000	5,540,000	5,541,000	27,057,212
48		Oak Street and Garin Parkway Traffic Signal	-	-	-	-	-	300,000	300,000
49	30837	Pavement Management Program - 2017	880,000	783,910	-	-	-	-	1,663,910
50		Pavement Management Program - 2018	-	1,583,177	-	-	-	-	1,583,177
51		Pavement Management Program - Future	-	-	1,375,813	1,626,827	1,648,632	1,671,091	6,322,363
52		Priority Area 1 Infrastructure Improvements	-	2,994,000	4,506,000	-	-	-	7,500,000
		Roadway Improvements Total	\$ 6,140,514	\$ 8,888,669	\$ 20,183,343	\$ 12,935,170	\$ 7,858,632	\$ 39,764,091	\$ 95,770,419

Project Expenditures by Category (Continued)									
Parks and Trails Improvements									
Page	Project #	Project Title	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
56	52401	Agricultural Park and History Center	\$ 1,127,295	\$ -	\$ 184,705	\$ -	\$ -	\$ -	\$ 1,312,000
57		Aquatic Complex Locker Rooms Remodeling	-	-	-	-	-	400,000	400,000
58		Aquatic Complex Pool Plastering	-	-	350,000	-	-	-	350,000
59		Aquatic Complex Slide Replacement	-	-	-	-	300,000	-	300,000
60		Aquatic Complex Water Play Structures Replacement	-	-	300,000	-	-	-	300,000
61		CCWD Trail	-	-	-	-	161,283	-	161,283
62		Empire Avenue Elementary School/Park - Phase II	-	-	909,915	1,686,075	-	-	2,595,990
63		Garin Park Playground Replacement	-	300,000	-	-	-	-	300,000
64		Homecoming Park Playground Replacement	-	-	-	300,000	-	-	300,000
65		Joint Use Sport Fields - LUHSD	-	-	1,500,000	10,000,000	-	-	11,500,000
66		Loma Vista Park Playground Replacement	-	-	265,000	-	-	-	265,000
67		McClarren Park Improvements - Phase II	-	350,000	-	-	-	-	350,000
68		Miwok Park Playground Replacement	-	-	-	-	200,000	-	200,000
69	52426	Parks, Trails and Recreation Master Plan Update	-	150,000	-	-	-	-	150,000
70		Sand Creek Park - Phase II	-	-	50,000	250,000	3,256,000	-	3,556,000
71	52428	Sport Court Lighting	100,000	131,000	-	-	-	-	231,000
72		Sunset Field Natural Turf Improvement	-	300,000	-	-	-	-	300,000
73		Windsor Way Park Expansion	-	-	127,437	-	-	-	127,437
74		Windsor Way Park Playground Replacement	-	-	-	-	-	130,000	130,000
		Parks and Trails Improvements Total	\$ 1,227,295	\$ 1,231,000	\$ 3,687,057	\$ 12,236,075	\$ 3,917,283	\$ 530,000	\$ 22,828,710

Project Expenditures by Category (Continued)									
Water Improvements									
Page	Project #	Project Title	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
78	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ 150,000	\$ 1,700,000	\$ 1,550,000	\$ -	\$ 3,400,000
79		Canal Replacement Cost Share	131,950	423,690	1,147,820	1,145,935	406,000	2,958,000	6,213,395
80		Downtown Alley Rehabilitation	-	1,400,000	1,200,000	1,200,000	1,200,000	2,000,000	7,000,000
81	56396	Purchase of Capacity Rights	5,011,860	1,670,620	1,670,620	-	-	-	8,353,100
82	56398	Reservoir Painting and Coating	150,000	132,979	367,820	367,820	367,820	289,981	1,676,420
83	56397	Sensus AMR System Upgrade	325,000	175,000	175,000	175,000	175,000	-	1,025,000
84	56320	Underground Water System Corrosion Mitigation	132,000	68,000	-	-	-	-	200,000
85		Water and Wastewater SCADA System Upgrade	-	950,000	450,000	-	-	-	1,400,000
86		Water Distribution System Blending Facility	-	-	1,197,000	5,000,000	2,298,000	-	8,495,000
87	56399	Water Storage Capacity at Los Vaqueros Reservoir	100,000	100,000	200,000	2,000,000	2,000,000	2,000,000	6,400,000
88		Water Treatment Plant Chemical Storage Tank Relining	-	178,000	371,000	385,000	200,000	-	1,134,000
89		Water Treatment Plant Filter Media Replacement	-	561,000	589,000	-	-	-	1,150,000
90	56380	Zone I Equalization Storage Reservoirs	9,904	2,701	260,000	-	4,740,000	-	5,012,605
		Water Improvements Total	\$ 5,860,714	\$ 5,661,990	\$ 7,778,260	\$ 11,973,755	\$ 12,936,820	\$ 7,247,981	\$ 51,459,520

Wastewater Improvements									
Page	Project #	Project Title	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
94		Apple Hill Drive Sewer Diversion	\$ -	\$ -	\$ -	\$ -	\$ 109,000	\$ 479,000	\$ 588,000
95		Citywide Non-Potable Water Distribution System	-	1,460,000	3,071,000	-	-	-	4,531,000
96		Marsh Creek Sewer Constriction Upgrade	-	-	-	-	70,000	305,000	375,000
97	59198	Non-Potable Storage Facility	1,193,500	6,930,000	-	-	-	-	8,123,500
98		Secondary Non-Potable Water Storage Facility	-	-	350,000	3,850,000	-	-	4,200,000
99		Wastewater Treatment Plant Biofilter Media Replacement	-	200,000	-	-	-	-	200,000
100	59200	Wastewater Treatment Plant Effluent Chloride Compliance	2,710,000	1,130,000	160,000	-	-	-	4,000,000
101		Wastewater Treatment Plant Groundwater Well Abandonment	-	170,000	-	-	-	-	170,000
102	59140	Wastewater Treatment Plant - Phase II Expansion	3,517,000	11,684,000	30,250,000	10,000,000	-	-	55,451,000
103		Wastewater Treatment Plant Security	-	400,000	-	-	-	-	400,000
		Wastewater Improvements Total	\$ 7,420,500	\$ 21,974,000	\$ 33,831,000	\$ 13,850,000	\$ 179,000	\$ 784,000	\$ 78,038,500

Project Expenditures by Category (Continued)									
Community Facilities Improvements									
Page	Project #	Project Title	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
108	37237	City Fiber Optic Connection	\$ 8,000	\$ 292,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,100,000
109		City Hall Automatic Transfer Switch	-	215,000	-	-	-	-	215,000
110	37226	City Phone System Upgrade	375,000	25,000	-	-	-	-	400,000
111	37244	Citywide Gateway Monuments "4-Corners"	7,000	779,383	-	-	-	-	786,383
112	37207	Citywide Sign/Identification Program	27,500	102,500	-	-	-	-	130,000
113	37245	Community Build-Out Plan	150,000	150,000	-	-	-	-	300,000
114	37247	Community Gazebo	1,077	6,423	-	-	-	-	7,500
115	37197	Development Services Software	417,847	32,153	-	-	-	-	450,000
116	31140	Financial Software	1,451,034	223,966	-	-	-	-	1,675,000
117	37030	Fire Station #53 (Shady Willow)	697,397	-	-	-	5,394,000	-	6,091,397
118	37100	Fire Station #54 (Replace Downtown)	-	-	-	-	588,000	6,464,000	7,052,000
119		License Plate Reader System - Phase II	-	250,000	-	-	-	-	250,000
120	37241	Library - New Construction	4,500,000	8,600,000	400,000	-	-	-	13,500,000
121	37206	Municipal Service Center	618,480	4,786,000	-	-	-	-	5,404,480
122		PEG Cable TV Access	-	-	-	-	-	840,000	840,000
123	37246	Specific Plan for Priority Area 1	275,000	275,000	-	-	-	-	550,000
124	37238	Surveillance Camera and Storage System Upgrade	200,000	40,000	-	-	-	-	240,000
125		Veterans Park Gazebo	-	-	-	-	-	-	-
126	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	14,317	3,785,683	3,400,000	-	-	-	7,200,000
127	37235	WiFi Program - Phase II	125,000	10,000	-	-	-	-	135,000
128	37228	Zoning Ordinance Update	-	-	-	175,000	175,000	-	350,000
		Community Facilities Improvements Total	\$ 8,867,652	\$ 19,573,108	\$ 4,000,000	\$ 375,000	\$ 6,357,000	\$ 7,504,000	\$ 46,676,760
		TOTAL PROJECT EXPENDITURES	\$ 29,516,675	\$ 57,328,767	\$ 69,479,660	\$ 51,370,000	\$ 31,248,735	\$ 55,830,072	\$294,773,909

Summary of Capital Improvement Projects by Priority						
Page #	Project #	Priority	Project	Total Cost	Funding Status	Category
Level 1A Mandatory - Ongoing Projects						
45	31683	1A	John Muir Parkway Extension - Phase II	\$ 5,070,000	FF	Roadway Improvements
97	59198	1A	Non-Potable Storage Facility	8,123,500	FF	Wastewater Improvements
49	30837	1A	Pavement Management Program - 2017	1,663,910	FF	Roadway Improvements
50		1A	Pavement Management Program - 2018	1,583,177	FF	Roadway Improvements
51		1A	Pavement Management Program - Future	6,322,363	FF	Roadway Improvements
98		1A	Secondary Non-Potable Water Storage Facility	4,200,000	FF	Wastewater Improvements
88		1A	Water Treatment Plant Chemical Storage Tank Relining	1,134,000	FF	Water Improvements
89		1A	Water Treatment Plant Filter Media Replacement	1,150,000	FF	Water Improvements
Level 1B Mandatory - Legal/Regulatory Obligations						
79		1B	Canal Replacement Cost Share	6,213,395	FF	Water Improvements
47	31340	1B	Lone Tree Way - Union Pacific Undercrossing	27,057,212	PF	Roadway Improvements
81	56396	1B	Purchase of Capacity Rights	8,353,100	FF	Water Improvements
99		1B	Wastewater Treatment Plant Biofilter Media Replacement	200,000	FF	Wastewater Improvements
101		1B	Wastewater Treatment Plant Groundwater Well Abandonment	170,000	FF	Wastewater Improvements
102	59140	1B	Wastewater Treatment Plant - Phase II Expansion	55,451,000	FF	Wastewater Improvements
86		1B	Water Distribution System Blending Facility	8,495,000	UF	Water Improvements
Level 1C Mandatory - Safety Obligations						
61		1C	CCWD Trail	161,283	FF	Parks and Trails Improvements
117	37030	1C	Fire Station #53 (Shady Willow)	6,091,397	FF	Community Facilities Improvements
118	37100	1C	Fire Station #54 (Replace Downtown)	7,052,000	UF	Community Facilities Improvements
63		1C	Garin Park Playground Replacement	300,000	FF	Parks and Trails Improvements
64		1C	Homecoming Park Playground Replacement	300,000	UF	Parks and Trails Improvements
66		1C	Loma Vista Park Playground Replacement	265,000	UF	Parks and Trails Improvements
68		1C	Miwok Park Playground Replacement	200,000	UF	Parks and Trails Improvements
71	52428	1C	Sport Court Lighting	231,000	FF	Parks and Trails Improvements
74		1C	Windsor Way Park Playground Replacement	130,000	UF	Parks and Trails Improvements
Level 1D Mandatory - Development						
52		1D	Priority Area 1 Infrastructure Improvements	7,500,000	FF	Roadway Improvements
126	37231	1D	Vineyards at Marsh Creek - Event Center/Amphitheater	7,200,000	FF	Community Facilities Improvements
90	56380	1D	Zone I Equalization Storage Reservoirs	5,012,605	PF	Water Improvements
Level 1E Mandatory - Consensus Priority						
56	52401	1E	Agricultural Park and History Center	1,312,000	FF	Parks and Trails Improvements
78	56392	1E	Brentwood Boulevard Sewer and Water Main	3,400,000	PF	Water Improvements
35	31620	1E	Brentwood Boulevard Widening North - Phase I	6,700,000	PF	Roadway Improvements
36		1E	Brentwood Boulevard Widening North - Phase II	9,500,000	UF	Roadway Improvements
37		1E	Brentwood Boulevard Widening North - Phase III	10,500,000	UF	Roadway Improvements
111		1E	Citywide Gateway Monuments "4-Corners"	786,383	FF	Community Facilities Improvements
95		1E	Citywide Non-Potable Water Distribution System	4,531,000	FF	Wastewater Improvements
113	37245	1E	Community Build-Out Plan	300,000	FF	Community Facilities Improvements
114	37247	1E	Community Gazebo	7,500	FF	Community Facilities Improvements
80		1E	Downtown Alley Rehabilitation	7,000,000	PF	Water Improvements
65		1E	Joint Use Sport Fields - LUHSD	11,500,000	UF	Parks and Trails Improvements
66		1E	License Plate Reader System - Phase II	250,000	FF	Community Facilities Improvements
120	37241	1E	Library - New Construction	13,500,000	FF	Community Facilities Improvements
67		1E	McClarren Park Improvements - Phase II	350,000	FF	Parks and Trails Improvements
121	37206	1E	Municipal Service Center	5,404,480	FF	Community Facilities Improvements
69	52426	1E	Parks, Trails and Recreation Master Plan Update	150,000	FF	Parks and Trails Improvements
122		1E	PEG Cable TV Access	840,000	FF	Community Facilities Improvements
123	37246	1E	Specific Plan for Priority Area 1	550,000	FF	Community Facilities Improvements
125		1E	Veterans Park Gazebo	-	FF	Community Facilities Improvements
100	59200	1E	Wastewater Treatment Plant Effluent Chloride Compliance	4,000,000	FF	Wastewater Improvements
128	37228	1E	Zoning Ordinance Update	350,000	FF	Community Facilities Improvements

Legend: FF = Fully Funded; PF = Partially Funded; UF = Unfunded

Summary of Capital Improvement Projects by Priority (Continued)						
Page #	Project #	Priority	Project	Total Cost	Funding Status	Category
Level 2A Necessary - Development						
62		2A	Empire Avenue Elementary School/Park - Phase II	2,595,990	UF	Parks and Trails Improvements
44	31640	2A	John Muir Parkway Extension/Foothill Drive - Phase I	5,603,757	PF	Roadway Improvements
70		2A	Sand Creek Park - Phase II	3,556,000	UF	Parks and Trails Improvements
73		2A	Windsor Way Park Expansion	127,437	UF	Parks and Trails Improvements
Level 2B Necessary - Agency Assisted						
39		2B	Brentwood Various Streets and Road Preservation	1,869,000	FF	Roadway Improvements
40	31630	2B	Citywide Overhead Utility Replacement	230,000	FF	Roadway Improvements
46	31690	2B	LED Street Light Conversion - Phase II	513,000	FF	Roadway Improvements
Level 2C Necessary - Service Increase/Maintenance						
94		2C	Apple Hill Drive Sewer Diversion	588,000	UF	Wastewater Improvements
57		2C	Aquatic Complex Locker Rooms Remodeling	400,000	UF	Parks and Trails Improvements
58		2C	Aquatic Complex Pool Plastering	350,000	UF	Parks and Trails Improvements
59		2C	Aquatic Complex Slide Replacement	300,000	UF	Parks and Trails Improvements
60		2C	Aquatic Complex Water Play Structures Replacement	300,000	UF	Parks and Trails Improvements
34	31600	2C	Brentwood Boulevard and Guthrie Lane Traffic Signal	300,000	PF	Roadway Improvements
38	31610	2C	Brentwood Boulevard Widening - South	8,600,000	UF	Roadway Improvements
108	37237	2C	City Fiber Optic Connection	1,100,000	PF	Community Facilities Improvements
109		2C	City Hall Automatic Transfer Switch	215,000	FF	Community Facilities Improvements
110	37226	2C	City Phone System Upgrade	400,000	FF	Community Facilities Improvements
41	31500	2C	Citywide Traffic Signal Interconnect Program	574,000	FF	Roadway Improvements
115	37197	2C	Development Services Software	450,000	FF	Community Facilities Improvements
42		2C	Empire Avenue and Amber Lane Traffic Signal	414,000	FF	Roadway Improvements
116	31140	2C	Financial Software	1,675,000	FF	Community Facilities Improvements
43		2C	Gregory Lane and Sunrise Drive Drainage Improve	1,470,000	UF	Roadway Improvements
96		2C	Marsh Creek Sewer Constriction Upgrade	375,000	FF	Wastewater Improvements
48		2C	Oak Street and Garin Parkway Traffic Signal	300,000	PF	Roadway Improvements
82	56398	2C	Reservoir Painting and Coating	1,676,420	FF	Water Improvements
83	56397	2C	Sensus AMR System Upgrade	1,025,000	FF	Water Improvements
72		2C	Sunset Field Natural Turf Improvement	300,000	FF	Parks and Trails Improvements
124	37238	2C	Surveillance Camera and Storage System Upgrade	240,000	FF	Parks and Trails Improvements
84	56320	2C	Underground Water System Corrosion Mitigation	200,000	FF	Water Improvements
85		2C	Water and Wastewater SCADA System Upgrade	1,400,000	FF	Water Improvements
87	56399	2C	Water Storage Capacity at Los Vaqueros Reservoir	6,400,000	FF	Water Improvements
127	37235	2C	WiFi Program - Phase II	135,000	FF	Community Facilities Improvements
Level 3A Desirable - Aesthetic Improvements						
112	37207	3A	Citywide Sign/Identification Program	130,000	FF	Community Facilities Improvements
Level 3B Desirable - Other						
103		3B	Wastewater Treatment Plant Security	400,000	FF	Wastewater Improvements

Legend: FF = Fully Funded; PF = Partially Funded; UF = Unfunded



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Roadway Improvements
Summary of Proposed Improvements
Fiscal Years 2017/18 - 2021/22

Page	Project #	Project	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
34	31600	Brentwood Boulevard and Guthrie Lane Traffic Signal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
35	31620	Brentwood Boulevard Widening North - Phase I	140,524	304,350	2,035,783	4,219,343	-	-	6,700,000
36		Brentwood Boulevard Widening North - Phase II	-	-	120,000	220,000	670,000	8,490,000	9,500,000
37		Brentwood Boulevard Widening North - Phase III	-	-	-	-	-	10,500,000	10,500,000
38	31610	Brentwood Boulevard Widening - South	-	-	-	-	-	8,600,000	8,600,000
39		Brentwood Various Streets and Road Preservation	-	156,000	1,713,000	-	-	-	1,869,000
40	31630	Citywide Overhead Utility Replacement	20,000	210,000	-	-	-	-	230,000
41	31500	Citywide Traffic Signal Interconnect Program	524,000	50,000	-	-	-	-	574,000
42		Empire Avenue and Amber Lane Traffic Signal	-	414,000	-	-	-	-	414,000
43		Gregory Lane and Sunrise Drive Drainage Improvement	-	-	141,000	1,329,000	-	-	1,470,000
44	31640	John Muir Parkway Extension/Foothill Drive - Phase I	1,228,990	12,767	-	-	-	4,362,000	5,603,757
45	31683	John Muir Parkway Extension - Phase II	530,000	1,105,000	3,435,000	-	-	-	5,070,000
46	31690	LED Street Light Conversion - Phase II	-	513,000	-	-	-	-	513,000
47	31340	Lone Tree Way - Union Pacific Undercrossing	2,817,000	762,465	6,856,747	5,540,000	5,540,000	5,541,000	27,057,212
48		Oak Street and Garin Parkway Traffic Signal	-	-	-	-	-	300,000	300,000
49	30837	Pavement Management Program - 2017	880,000	783,910	-	-	-	-	1,663,910
50		Pavement Management Program - 2018	-	1,583,177	-	-	-	-	1,583,177
51		Pavement Management Program - Future	-	-	1,375,813	1,626,827	1,648,632	1,671,091	6,322,363
52		Priority Area 1 Infrastructure Improvements	-	2,994,000	4,506,000	-	-	-	7,500,000
TOTAL			\$ 6,140,514	\$ 8,888,669	\$ 20,183,343	\$ 12,935,170	\$ 7,858,632	\$ 39,764,091	\$ 95,770,419

Roadway Improvements Summary

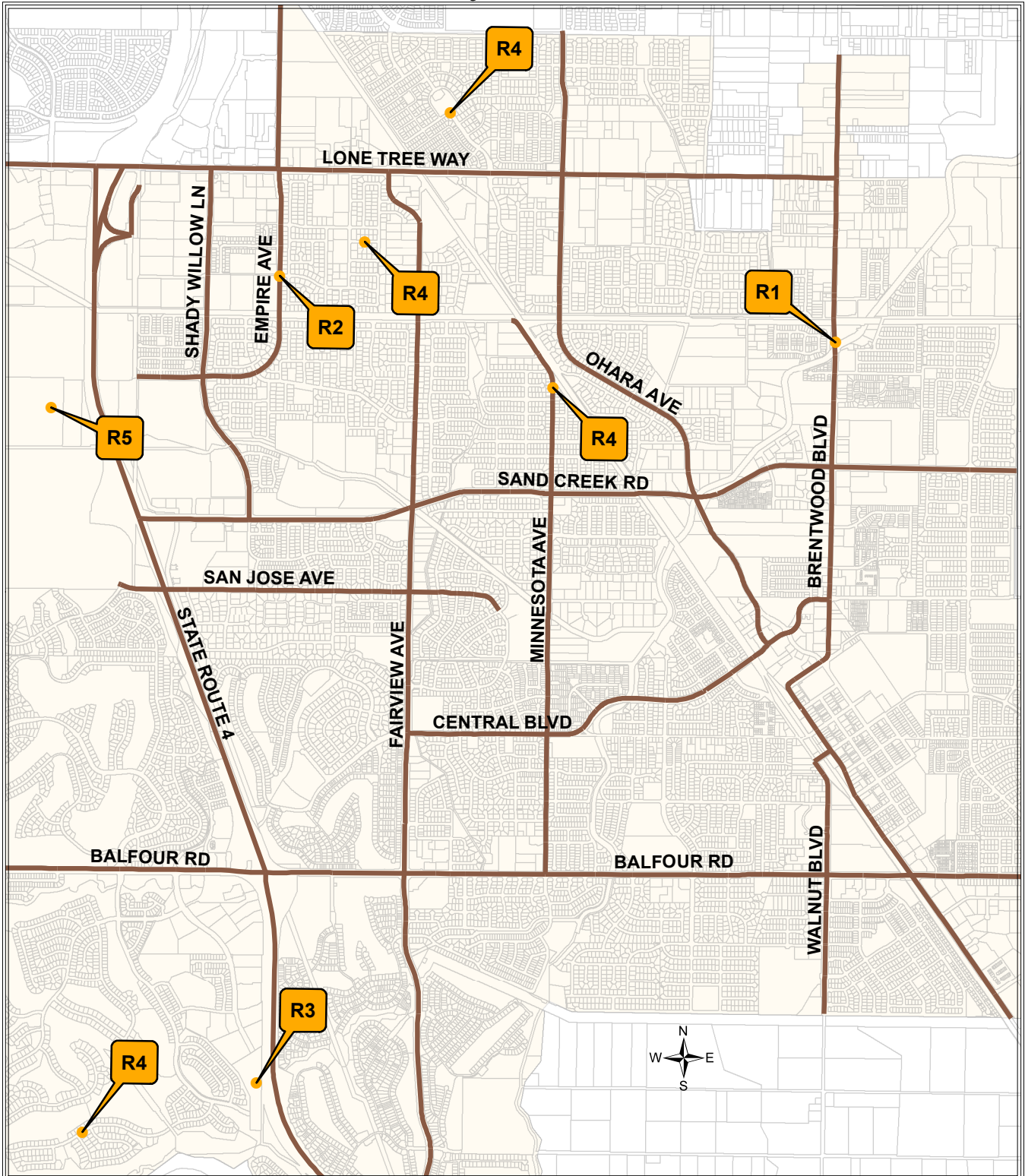
PROJECT FINANCING

Project Expenditures	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Legal	289,685	82,668	30,000	25,000	25,000	220,000	\$ 672,353
Planning and Design	2,407,156	1,813,237	1,993,530	250,000	250,000	1,728,000	\$ 8,441,923
Construction	1,530,792	6,305,087	16,574,813	11,626,487	6,580,632	29,994,091	\$ 72,611,902
Project Administration	164,368	469,000	1,585,000	1,033,683	553,000	2,872,000	\$ 6,677,051
Land/ROW/Acquisitions	1,748,513	218,677	-	-	450,000	4,950,000	\$ 7,367,190
TOTAL	\$ 6,140,514	\$ 8,888,669	\$ 20,183,343	\$ 12,935,170	\$ 7,858,632	\$ 39,764,091	\$ 95,770,419

Project Funding	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
General Fund	20,000	700,000	200,000	240,000	280,000	288,400	297,052	\$ 2,025,452
Development Impact Fees	3,148,235	1,201,514	133,000	4,000,000	-	-	703,927	\$ 9,186,676
Enterprise	-	408,910	421,177	433,813	446,827	460,232	474,039	\$ 2,644,998
Federal/State Funding	735,540	-	1,109,301	1,644,699	-	-	-	\$ 3,489,540
Development Contributions	1,075,648	12,767	-	-	-	-	-	\$ 1,088,415
Replacement	-	-	311,514	-	-	-	-	\$ 311,514
Other	1,161,091	216,486	4,174,000	4,711,301	900,000	900,000	900,000	\$ 12,962,878
Unfunded	-	-	-	9,153,530	11,308,343	6,210,000	37,389,073	\$ 64,060,946
TOTAL	\$ 6,140,514	\$ 2,539,677	\$ 6,348,992	\$ 20,183,343	\$ 12,935,170	\$ 7,858,632	\$ 39,764,091	\$ 95,770,419

ROADWAY IMPROVEMENTS

Various Projects for 2017/18



NO.	PROJECT TITLE	PROJECT NO.
R1	Brentwood Blvd Widening North - Phase I	336-31620
R2	Empire Ave and Amber Ln Traffic Signal	
R3	John Muir Pkwy Extension - Phase II	336-31683
R4	Pavement Management Program (PMP) 2017	336-30837
R5	Priority Area 1 Infrastructure Improvements	



Project Title:

Project #:

Brentwood Boulevard and Guthrie Lane Traffic Signal

336-31600



Project Category:	Roadway Improvements
Location:	Brentwood Boulevard and Guthrie Lane
Project Manager:	S. Kersevan
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$2,000
Public Art Requirement:	Exempt

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.

Supplemental Information:

The Pike project, or Harvest Commerce Center, located on the northeast corner, paid \$5,400 for their fair share of the traffic signal.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal						10,000	\$ 10,000	
90040	Planning and Design						20,000	\$ 20,000	
90050	Construction						260,000	\$ 260,000	
90070	Project Administration						10,000	\$ 10,000	
TOTAL							\$ 300,000	\$ 300,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees							5,400	\$ 5,400
Unfunded								294,600	\$ 294,600
TOTAL								\$ 300,000	\$ 300,000

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. Campero
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2019/20
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				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal		10,000	20,000				\$ 30,000	
90040	Planning and Design	115,000	119,217	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		\$ 140,524	\$ 304,350	\$ 2,035,783	\$ 4,219,343			\$ 6,700,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees	95,650	304,350						\$ 400,000
Redevelopment		44,874							\$ 44,874
Unfunded					2,035,783	4,219,343			\$ 6,255,126
TOTAL		\$ 140,524	\$ 304,350		\$ 2,035,783	\$ 4,219,343			\$ 6,700,000

Project Title:

Project #:

Brentwood Boulevard Widening North - Phase II



Project Category:	Roadway Improvements
Location:	Brentwood Boulevard from Homecoming Way to Lone Tree Way
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$45,000
Public Art Requirement:	Exempt

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.

Supplemental Information:

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.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal				20,000	20,000	10,000	\$ 50,000	
90040 Planning and Design			120,000	200,000	200,000	250,000	\$ 770,000	
90050 Construction						7,080,000	\$ 7,080,000	
90070 Project Administration						710,000	\$ 710,000	
90100 Land/ROW/Acquisitions					450,000	440,000	\$ 890,000	
TOTAL			\$ 120,000	\$ 220,000	\$ 670,000	\$ 8,490,000	\$ 9,500,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				120,000	220,000	670,000	8,490,000	\$ 9,500,000
TOTAL				\$ 120,000	\$ 220,000	\$ 670,000	\$ 8,490,000	\$ 9,500,000

Project Title:

Project #:

Brentwood Boulevard Widening North - Phase III



Project Category:	Roadway Improvements
Location:	Brentwood Boulevard from Lone Tree Way to 200' south of Delta Road
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$90,000
Public Art Requirement:	Exempt

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.

Supplemental Information:

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.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal						50,000	\$ 50,000	
90040 Planning and Design						850,000	\$ 850,000	
90050 Construction						7,710,000	\$ 7,710,000	
90070 Project Administration						780,000	\$ 780,000	
90100 Land/ROW/Acquisitions						1,110,000	\$ 1,110,000	
TOTAL						\$ 10,500,000	\$ 10,500,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded							10,500,000	\$ 10,500,000
TOTAL							\$ 10,500,000	\$ 10,500,000

Project Title:

Project #:

Brentwood Boulevard Widening South

336-31610



Project Category:	Roadway Improvements
Location:	Brentwood Boulevard from Chestnut Street to Fir Street
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$40,000
Public Art Requirement:	Exempt

Description/Justification:

This project will continue the widening of Brentwood Boulevard (100' right-of-way) with two lanes in each direction (approximately 1,500 linear feet (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.

Supplemental Information:

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.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal						80,000	\$ 80,000	
90040 Planning and Design						500,000	\$ 500,000	
90050 Construction						4,200,000	\$ 4,200,000	
90070 Project Administration						420,000	\$ 420,000	
90100 Land/ROW/Acquisitions						3,400,000	\$ 3,400,000	
TOTAL						\$ 8,600,000	\$ 8,600,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded							8,600,000	\$ 8,600,000
TOTAL							\$ 8,600,000	\$ 8,600,000

Project Title:

Project #:

Brentwood Various Streets and Roads Preservation



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. Campero
Project Priority:	2B - Necessary
Project Phase:	New
Est. Completion Date:	2018/19
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 have already been designated for street preservation through the annual PMP.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design		156,000					\$ 156,000	
90050 Construction			1,557,000				\$ 1,557,000	
90070 Project Administration			156,000				\$ 156,000	
TOTAL		\$ 156,000	\$ 1,713,000				\$ 1,869,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47217 Federal/State Funding			138,000	1,515,000				\$ 1,653,000
47293 Measure J			18,000	198,000				\$ 216,000
TOTAL			\$ 156,000	\$ 1,713,000				\$ 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:	Design
Est. Completion Date:	2017/18
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 with construction anticipated in early 2018.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design	20,000						\$ 20,000	
90050 Construction		190,000					\$ 190,000	
90070 Project Administration		20,000					\$ 20,000	
TOTAL	\$ 20,000	\$ 210,000					\$ 230,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47100 General Fund	20,000	210,000						\$ 230,000
TOTAL	\$ 20,000	\$ 210,000						\$ 230,000

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:	2017/18
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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	1,000						\$ 1,000	
90040	Planning and Design	125,000	5,000					\$ 130,000	
90050	Construction	384,000	45,000					\$ 429,000	
90070	Project Administration	14,000						\$ 14,000	
TOTAL		\$ 524,000	\$ 50,000					\$ 574,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees	524,000		50,000					\$ 574,000
TOTAL		\$ 524,000		\$ 50,000					\$ 574,000

Project Title:

Project #:

Empire Avenue and Amber Lane Traffic Signal



Project Category:	Roadway Improvements
Location: Empire	Empire Avenue at Amber Lane
Project Manager:	S. Kersevan
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$2,000
Public Art Requirement:	Exempt

Description/Justification:

This project will construct a new traffic signal and related intersection improvements including striping, signing and all required ADA upgrades.

Supplemental Information:

The City of Brentwood has applied for a Safe Routes to School Grant in order to fund this project. The signal will only be constructed if the City is successful in obtaining the grant. The required funding match will come from Roadway Development Impact Fees.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design		15,000					\$ 15,000	
90050	Construction		363,000					\$ 363,000	
90070	Project Administration		36,000					\$ 36,000	
TOTAL			\$ 414,000					\$ 414,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees			48,000					\$ 48,000
47217	Federal/State Funding			366,000					\$ 366,000
TOTAL				\$ 414,000					\$ 414,000

Project Title:

Project #:

Gregory Lane and Sunrise Drive Drainage Improvements



Project Category:	Roadway Improvements
Location:	Gregory Lane and Sunrise Drive
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$30,000
Public Art Requirement:	Exempt

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.

Supplemental Information:

This project is currently unfunded. Funding sources, such as grants, will be explored.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design			141,000				\$ 141,000	
90050 Construction				1,208,000			\$ 1,208,000	
90070 Project Administration				121,000			\$ 121,000	
TOTAL			\$ 141,000	\$ 1,329,000			\$ 1,470,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				141,000	1,329,000			\$ 1,470,000
TOTAL				\$ 141,000	\$ 1,329,000			\$ 1,470,000

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. Campero
Project Priority:	2A - Necessary
Project Phase:	Design
Est. Completion Date:	2021/22
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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	263,685					55,000	\$ 318,685	
90040	Planning and Design	367,156	12,767				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		\$ 1,228,990	\$ 12,767				\$ 4,362,000	\$ 5,603,757	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees							683,000	\$ 683,000
47217	Federal/State Funding	735,540							\$ 735,540
46715	Development Contributions	487,233	12,767						\$ 500,000
Other		6,217							\$ 6,217
Unfunded								3,679,000	\$ 3,679,000
TOTAL		\$ 1,228,990	\$ 12,767					\$ 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 - \$124,699. \$330,000 of General Fund funding is for the Harvest Park Basin improvements. In FY 2017/18 and 2018/19, a total of \$735,000 will come from the Federal Highway Administration Earmark Fund. This is a multi-year project.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal		5,000	5,000				\$ 10,000	
90040 Planning and Design	470,000						\$ 470,000	
90050 Construction	20,000	1,000,000	3,120,000				\$ 4,140,000	
90070 Project Administration	40,000	100,000	310,000				\$ 450,000	
TOTAL	\$ 530,000	\$ 1,105,000	\$ 3,435,000				\$ 5,070,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47100 General Fund		330,000						\$ 330,000
47 - Var Development Impact Fees	300,000	134,699	35,000					\$ 469,699
47217 Federal/State Funding			605,301	129,699				\$ 735,000
ECCRFFA	230,000			3,305,301				\$ 3,535,301
TOTAL	\$ 530,000	\$ 464,699	\$ 640,301	\$ 3,435,000				\$ 5,070,000

Project Title:

Project #:

LED Street Light Conversion - Phase II

336-31690



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	2B - Necessary
Project Phase:	Design
Est. Completion Date:	2017/18
Future Annual O&M Impact:	-\$30,000
Public Art Requirement:	Exempt

Description/Justification:

The project involves conversion of 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. This also reduces the carbon footprint of the City. Phase II is an extension of Phase I and will convert the remaining City owned cobra head street lights before converting the City owned post top street lights. The payback time ranges from 7-10 years.

Supplemental Information:

Phase I, which was a pilot project for LED conversion, was well received by the public.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design		30,000					\$ 30,000	
90050	Construction		460,000					\$ 460,000	
90070	Project Administration		23,000					\$ 23,000	
TOTAL			\$ 513,000					\$ 513,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD			311,514					\$ 311,514
	PG&E		1,486	200,000					\$ 201,486
TOTAL			\$ 1,486	\$ 511,514					\$ 513,000

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:	2021/22
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. Currently, design work is being done on utility relocations including PG&E, Kinder Morgan and Chevron. Right-of-way acquisition has been completed with property owners.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	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	17,000		503,000	503,000	503,000	504,000	\$ 2,030,000	
90100	Land/ROW/Acquisitions	1,450,000	48,544					\$ 1,498,544	
TOTAL		\$ 2,817,000	\$ 762,465	\$ 6,856,747	\$ 5,540,000	\$ 5,540,000	\$ 5,541,000	\$ 27,057,212	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees	2,228,585	762,465						\$ 2,991,050
46715	Development Contributions	588,415							\$ 588,415
Unfunded					6,856,747	5,540,000	5,540,000	5,541,000	\$ 23,477,747
TOTAL		\$ 2,817,000	\$ 762,465		\$ 6,856,747	\$ 5,540,000	\$ 5,540,000	\$ 5,541,000	\$ 27,057,212

Project Title:

Project #:

Oak Street and Garin Parkway Traffic Signal



Project Category:	Roadway Improvements
Location:	Oak Street and Garin Parkway
Project Manager:	S. Kersevan
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$2,000
Public Art Requirement:	Exempt

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.

Supplemental Information:

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.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal						10,000	\$ 10,000	
90040 Planning and Design						20,000	\$ 20,000	
90050 Construction						260,000	\$ 260,000	
90070 Project Administration						10,000	\$ 10,000	
TOTAL						\$ 300,000	\$ 300,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47251 Development Impact Fees							15,527	\$ 15,527
Unfunded							284,473	\$ 284,473
TOTAL							\$ 300,000	\$ 300,000

Project Title:

Project #:

Pavement Management Program - 2017

336-30837



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	Construction
Est. Completion Date:	2017/18
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 - 2017 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. Anticipated project areas for 2017 include; Grant Street from Shady Willow Lane to Minnesota Avenue, Minnesota Avenue from Sand Creek Road to Grant Street, Shady Willow Lane, and Empire Avenue from Grant Street to Lone Tree Way and portions of Deer Ridge and Visions neighborhoods.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	50,000						\$ 50,000	
90050	Construction	800,000	763,910					\$ 1,563,910	
90070	Project Administration	30,000	20,000					\$ 50,000	
TOTAL		\$ 880,000	\$ 783,910					\$ 1,663,910	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund		160,000						\$ 160,000
48540	Enterprise		408,910						\$ 408,910
47293	Measure J	880,000	215,000						\$ 1,095,000
TOTAL		\$ 880,000	\$ 783,910						\$ 1,663,910

Project Title:

Project #:

Pavement Management Program - 2018



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1A - Mandatory
Project Phase:	New
Est. Completion Date:	2017/18
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; O'Hara Avenue from Sand Creek Road to Grant Street, Fairview Avenue from Highway 4 to Balfour Road, portions of the Rose Garden neighborhood, and the Crescent Drive neighborhood located just east of Fairview Avenue and south of Balfour Road.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design		50,000					\$ 50,000	
90050	Construction		1,483,177					\$ 1,483,177	
90070	Project Administration		50,000					\$ 50,000	
TOTAL			\$ 1,583,177					\$ 1,583,177	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund			200,000					\$ 200,000
48540	Enterprise			421,177					\$ 421,177
47293	Measure J			962,000					\$ 962,000
TOTAL				\$ 1,583,177					\$ 1,583,177

Project Title:

Project #:

Pavement Management Program - Future



Project Category:	Roadway Improvements
Location:	Citywide
Project Manager:	J. Campero
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 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:

This project is funded by Measure J, the General Fund and Solid Waste Enterprise through the Solid Waste Vehicle Impact Fee. Staff actively pursues State and Federal funds to replace General Fund money, when possible. Staff increases the annual budget request by 3% per year to coincide with increased labor and material costs, plus new streets added to the City through acceptance, either annexation or new construction. 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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design			50,000	50,000	50,000	50,000	\$ 200,000	
90050	Construction			1,275,813	1,526,827	1,548,632	1,571,091	\$ 5,922,363	
90070	Project Administration			50,000	50,000	50,000	50,000	\$ 200,000	
TOTAL				\$ 1,375,813	\$ 1,626,827	\$ 1,648,632	\$ 1,671,091	\$ 6,322,363	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund				240,000	280,000	288,400	297,052	\$ 1,105,452
48540	Enterprise				433,813	446,827	460,232	474,039	\$ 1,814,911
47293	Measure J				702,000	900,000	900,000	900,000	\$ 3,402,000
TOTAL					\$ 1,375,813	\$ 1,626,827	\$ 1,648,632	\$ 1,671,091	\$ 6,322,363

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:	1D - Mandatory
Project Phase:	New
Est. Completion Date:	2018/19
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.

Supplemental Information:

This project will help facilitate development of Priority Area 1, including the potential Great Wolf Lodge.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal		50,000					\$ 50,000	
90040	Planning and Design		729,000					\$ 729,000	
90050	Construction		2,000,000	4,090,000				\$ 6,090,000	
90070	Project Administration		200,000	416,000				\$ 616,000	
90100	Land/ROW/Acquisitions		15,000					\$ 15,000	
TOTAL			\$ 2,994,000	\$ 4,506,000				\$ 7,500,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47251	Development Impact Fees				4,000,000				\$ 4,000,000
47392	Capital Infrastructure			2,994,000	506,000				\$ 3,500,000
TOTAL				\$ 2,994,000	\$ 4,506,000				\$ 7,500,000

Parks and Trails Improvements
Summary of Proposed Improvements
Fiscal Years 2017/18 - 2021/22

Page	Project #	Project	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
56	52401	Agricultural Park and History Center	\$ 1,127,295	\$ -	\$ 184,705	\$ -	\$ -	\$ -	\$ 1,312,000
57		Aquatic Complex Locker Rooms Remodeling	-	-	-	-	-	400,000	400,000
58		Aquatic Complex Pool Plastering	-	-	350,000	-	-	-	350,000
59		Aquatic Complex Slide Replacement	-	-	-	-	300,000	-	300,000
60		Aquatic Complex Water Play Structures Replacement	-	-	300,000	-	-	-	300,000
61		CCWD Trail	-	-	-	-	161,283	-	161,283
62		Empire Avenue Elementary School/Park - Phase II	-	-	909,915	1,686,075	-	-	2,595,990
63		Garin Park Playground Replacement	-	300,000	-	-	-	-	300,000
64		Homecoming Park Playground Replacement	-	-	-	300,000	-	-	300,000
65		Joint Use Sport Fields - LUHSD	-	-	1,500,000	10,000,000	-	-	11,500,000
66		Loma Vista Park Playground Replacement	-	-	265,000	-	-	-	265,000
67		McClarren Park Improvements - Phase II	-	350,000	-	-	-	-	350,000
68		Miwok Park Playground Replacement	-	-	-	-	200,000	-	200,000
69	52426	Parks, Trails and Recreation Master Plan Update	-	150,000	-	-	-	-	150,000
70		Sand Creek Park - Phase II	-	-	50,000	250,000	3,256,000	-	3,556,000
71	52428	Sport Court Lighting	100,000	131,000	-	-	-	-	231,000
72		Sunset Field Natural Turf Improvement	-	300,000	-	-	-	-	300,000
73		Windsor Way Park Expansion	-	-	127,437	-	-	-	127,437
74		Windsor Way Park Playground Replacement	-	-	-	-	-	130,000	130,000
TOTAL			\$ 1,227,295	\$ 1,231,000	\$ 3,687,057	\$ 12,236,075	\$ 3,917,283	\$ 530,000	\$ 22,828,710

Parks and Trails Improvements Summary

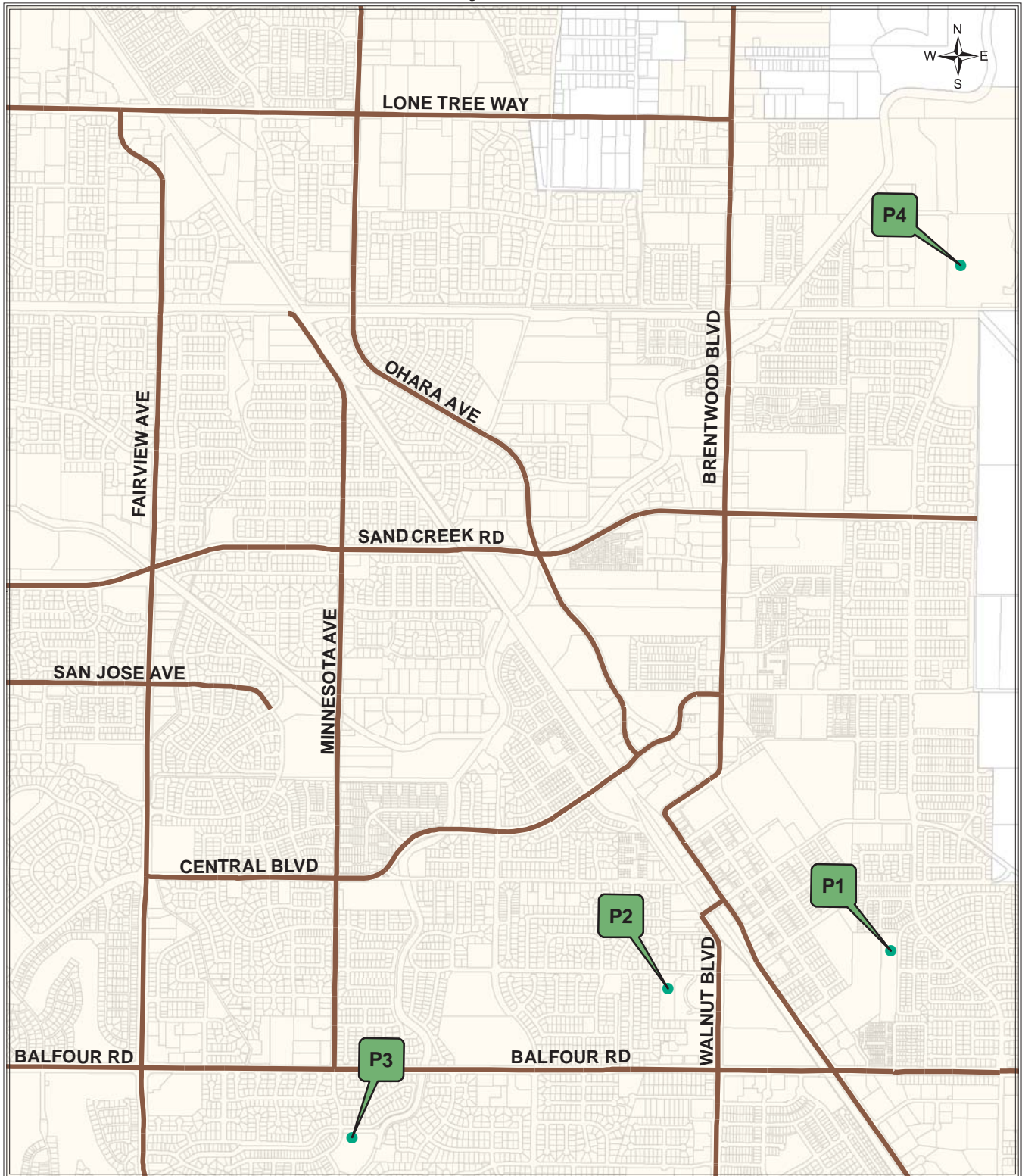
PROJECT FINANCING

Project Expenditures	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Legal	2,994	-	17,006	15,000	-	-	\$ 35,000
Planning and Design	43,260	320,000	1,908,713	333,310	161,283	-	\$ 2,766,566
Construction	113,115	901,000	1,541,559	11,527,990	3,400,000	530,000	\$ 18,013,664
Project Administration	-	10,000	71,279	58,275	356,000	-	\$ 495,554
Land/ROW/Acquisitions	1,067,926	-	148,500	301,500	-	-	\$ 1,517,926
TOTAL	\$ 1,227,295	\$ 1,231,000	\$ 3,687,057	\$ 12,236,075	\$ 3,917,283	\$ 530,000	\$ 22,828,710

Project Funding	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
General Fund	-	-	-	-	-	-	-	\$ -
Development Impact Fees	-	150,000	-	-	-	-	-	\$ 150,000
Enterprise	-	-	-	-	-	-	-	\$ -
Federal/State Funding	100,000	131,000	-	-	-	-	-	\$ 231,000
Development Contributions	232,000	-	350,000	-	-	161,283	-	\$ 743,283
Replacement	-	-	600,000	-	-	-	-	\$ 600,000
Other	895,295	-	-	184,705	-	-	-	\$ 1,080,000
Unfunded	-	-	-	3,502,352	12,236,075	3,756,000	530,000	\$ 20,024,427
TOTAL	\$ 1,227,295	\$ 281,000	\$ 950,000	\$ 3,687,057	\$ 12,236,075	\$ 3,917,283	\$ 530,000	\$ 22,828,710

PARKS AND TRAILS IMPROVEMENTS

Various Projects for 2017/18



NO.	PROJECT TITLE	PROJECT NO.
P1	Garin Park Playground Replacement	
P2	McClarren Park Improvements - Phase II	
P3	Sport Court Lighting	352-52428
P4	Sunset Field Natural Turf Improvement	



Project Title:

Project #:

Agricultural Park and History Center

352-52401



Project Category:	Parks and Trails Improvements
Location:	3900 Sellers Avenue
Project Manager:	C. McCann
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$15,500
Public Art Requirement:	Exempt

Description/Justification:

This property purchase helped to expand the program and operations of the East Contra Costa Historical Society by enabling them to create an Agricultural Park and History Center. The project will provide area residents with an opportunity to learn about the region's agricultural history in a meaningful and tangible way. The concept proposal includes space for community gardens and demonstration farms, in addition to other learning activities. The partnership with the East Contra Costa Historical Society to create an Agricultural Park and History Center is consistent with the City's Conservation and Open Space Element of the General Plan (Chapter 4, Goal 2), which calls for the preservation and enhancement of historic and cultural resources in and around the Brentwood community.

Supplemental Information:

Funding to purchase the property came from the Agricultural Land Funds in the amount of \$1,080,000. Additional funds for the project came from a development contribution from Pulte Homes in the amount of \$232,000. These funds will be used for necessary clean up and required construction to make the property a viable Agricultural History Center including, but not limited to: routine maintenance; community development and demonstration farms development. The City consultant prepared a Conceptual Plan based on a public workshop and presented it at the October 25, 2007 Parks and Recreation Commission meeting. An arborist was hired to evaluate the existing trees and a consultant modified the Conceptual Plan as necessary. The updated Conceptual Plan was re-presented to the Parks and Recreation Commission on August 28, 2008 and was approved by City Council on September 23, 2008.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
70239	Legal	2,994		2,006				\$ 5,000
90040	Planning and Design	43,260						\$ 43,260
90050	Construction	13,115		182,699				\$ 195,814
90100	Land/ROW/Acquisitions	1,067,926						\$ 1,067,926
TOTAL		\$ 1,127,295		\$ 184,705				\$ 1,312,000

PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
46715	Development Contributions	232,000							\$ 232,000
47263	Agriculture Land Admin.	895,295			184,705				\$ 1,080,000
TOTAL		\$ 1,127,295			\$ 184,705				\$ 1,312,000

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:	New
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace both male and female locker rooms at the BFAC facility. The locker rooms were constructed in 1999 and are aging. Staff has a hard time keeping up with repairing the antiquated parts.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction						400,000	\$ 400,000	
TOTAL							\$ 400,000	\$ 400,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded								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:	New
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 and are aging. Plastering the three pools is necessary to maintain the facility and to ensure safety standards are met.

Supplemental Information:

None

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050 Construction			350,000				\$ 350,000	
TOTAL			\$ 350,000				\$ 350,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				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:	New
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 and are aging.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction					300,000		\$ 300,000	
TOTAL						\$ 300,000		\$ 300,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded							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:	New
Est. Completion Date:	2018/19
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 and is aging. This project needs to be completed prior to the plastering of the pools.

Supplemental Information:

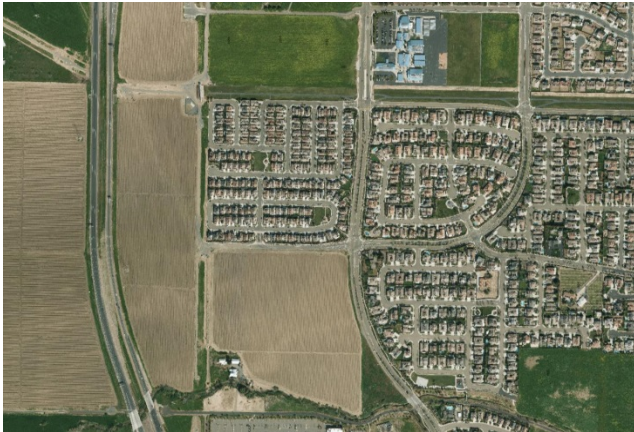
None

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050 Construction			300,000				\$ 300,000	
TOTAL			\$ 300,000				\$ 300,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				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:	2020/21
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, and the City will be responsible for building the trail.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design					161,283		\$ 161,283	
TOTAL						\$ 161,283		\$ 161,283	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
46715	Development Contributions						161,283		\$ 161,283
TOTAL							\$ 161,283		\$ 161,283

Project Title:

Project #:

Empire Avenue Elementary School/Park - Phase II



Project Category:	Parks and Trails Improvements
Location:	Corner of Empire Avenue and East Bay Municipal Utility District Aqueduct
Project Manager:	D. Hill
Project Priority:	2A - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2019/20
Future Annual O&M Impact:	\$81,700
Public Art Requirement:	Applicable

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.

Supplemental Information:

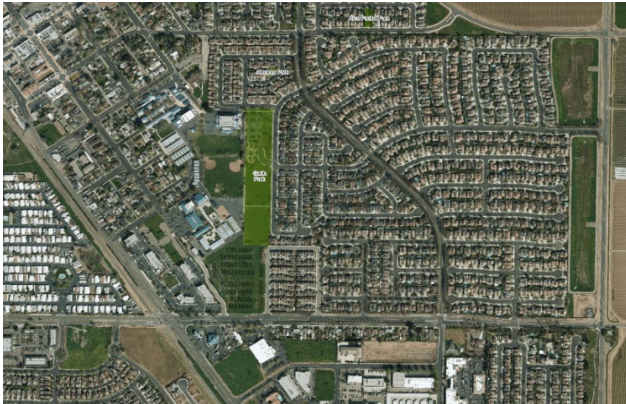
This school/neighborhood park will meet the needs of a neighborhood park in this area as designated by the Parks, Trails and Recreation Master Plan. Land for the park was purchased in FY 2002/03 as part of Phase I of this project, (CIP No. 522-52230); however, Phase II of the project is currently unfunded.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal			15,000	15,000			\$ 30,000	
90040 Planning and Design			83,310	83,310			\$ 166,620	
90050 Construction			604,830	1,227,990			\$ 1,832,820	
90070 Project Administration			58,275	58,275			\$ 116,550	
90100 Land/ROW/Acquisitions			148,500	301,500			\$ 450,000	
TOTAL			\$ 909,915	\$ 1,686,075			\$ 2,595,990	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				909,915	1,686,075			\$ 2,595,990
TOTAL				\$ 909,915	\$ 1,686,075			\$ 2,595,990

Project Title:

Project #:

Garin Park Playground Replacement



Project Category:	Parks and Trails Improvements
Location:	Lawrence Lane and Topaz Street
Project Manager:	B. Johnson
Project Priority:	1C - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Replace play equipment in Garin Park to meet current ADA accessibility guidelines and Consumer Product Safety Commission guidelines. Resilient safety surfacing in playground areas will be renovated. Replacement parts for play equipment 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 Garin Park was constructed in 2000 and is aging.

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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction		300,000					\$ 300,000	
TOTAL			\$ 300,000					\$ 300,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47708	Replacement - Parks and LLAD			300,000					\$ 300,000
TOTAL				\$ 300,000					\$ 300,000

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:	2019/20
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 and is aging.

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	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90050 Construction				300,000			\$ 300,000	
TOTAL				\$ 300,000			\$ 300,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded					300,000			\$ 300,000
TOTAL					\$ 300,000			\$ 300,000

Project Title:

Project #:

Joint Use Sport Fields - LUHSD



Project Category:	Parks and Trails Improvements
Location:	850 2 nd Street
Project Manager:	B. Mulder
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2019/20
Future Annual O&M Impact:	LUHSD
Public Art Requirement:	Exempt

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. City Council has established the need for additional sport fields in Brentwood, especially as it relates to all-weather fields that can be used year round. 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.

Supplemental Information:

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. The estimate provided is a result of discussions with LUHSD and preliminary professional estimates. All future annual O&M and replacement costs will be the responsibility of LUHSD.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design			1,500,000				\$ 1,500,000	
90050 Construction				10,000,000			\$ 10,000,000	
TOTAL			\$ 1,500,000	\$ 10,000,000			\$ 11,500,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				1,500,000	10,000,000			\$ 11,500,000
TOTAL				\$ 1,500,000	\$ 10,000,000			\$ 11,500,000

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 and is aging.

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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design			265,000				\$ 265,000	
TOTAL				\$ 265,000				\$ 265,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded					265,000				\$ 265,000
TOTAL					\$ 265,000				\$ 265,000

Project Title:

Project #:

McClarren Park Improvements - Phase II



Project Category:	Parks and Trails Improvements
Location:	700 McClarren Road
Project Manager:	B. Johnson
Project Priority:	1E- Mandatory
Project Phase:	New
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$500
Public Art Requirement:	Exempt

Description/Justification:

McClarren Park is the second oldest park in the City of Brentwood. The hardscape and landscape areas do not meet current public or City of Brentwood standards. It is the City’s goal to bring McClarren Park up to current standards which include: improving pedestrian circulation; safety; park furnishings; open turf areas; shrub beds; trees and play equipment.

Supplemental Information:

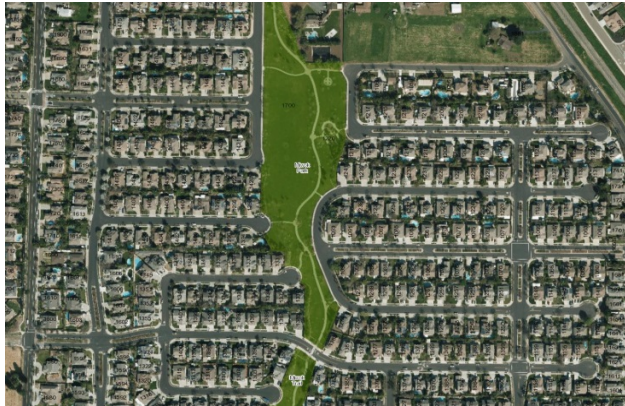
The current developer of the approved Vesting Tentative Subdivision Map 9173 Ferro Ronconi sub-division is required by a Condition of Approval to pay the City the amount of \$350,000, earmarked for improvements to McClarren Park.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90050 Construction		350,000					\$ 350,000	
TOTAL		\$ 350,000					\$ 350,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
46715 Development Contributions			350,000					\$ 350,000
TOTAL			\$ 350,000					\$ 350,000

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:	2020/21
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 and is aging.

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.

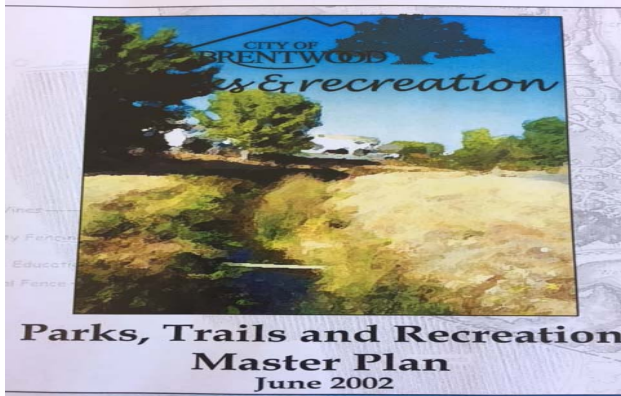
PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction					200,000		\$ 200,000	
TOTAL						\$ 200,000		\$ 200,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded							200,000		\$ 200,000
TOTAL							\$ 200,000		\$ 200,000

Project Title:

Project #:

Parks, Trails and Recreation Master Plan Update

352-52426



Project Category:	Parks and Trails Improvements
Location:	Citywide
Project Manager:	B. Mulder
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The Parks, Trails and Recreation Master Plan document provides the guiding principles, standards and community needs assessment which directs the planning and operations for the City's Parks and Recreation facilities, programs and services. The update to the 2002 document will incorporate a citywide needs assessment for parks, trails, recreation and cultural arts. The plan will also include a needs assessment and plan for a regional multi-purpose park/recreation facility as well as a plan for Sand Creek Park. The update to the Parks Master Plan is Strategic Initiative 5.1.a., part of the City's Strategic Plan, for FY 2016/17 and FY 2017/18.

Supplemental Information:

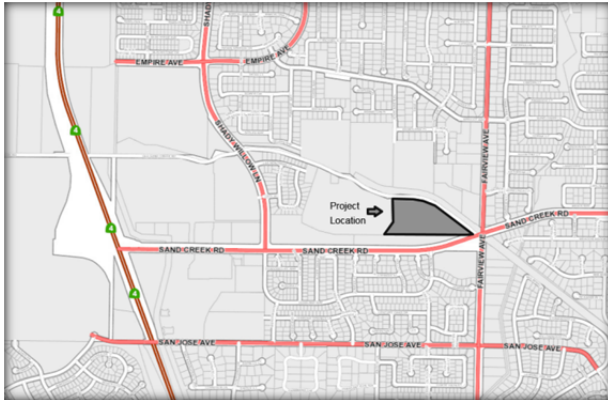
None

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction		150,000					\$ 150,000	
TOTAL			\$ 150,000					\$ 150,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47252	Development Impact Fees		150,000						\$ 150,000
TOTAL			\$ 150,000						\$ 150,000

Project Title:

Project #:

Sand Creek Park - Phase II



Project Category:	Parks and Trails Improvements
Location:	Sand Creek Road and Fairview Avenue
Project Manager:	D. Hill
Project Priority:	2A - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$247,000
Public Art Requirement:	Applicable

Description/Justification:

A thirteen acre neighborhood/community park site that fulfills the community park need for northwest Brentwood, as defined by the Parks, Trails and Recreation Master Plan.

Supplemental Information:

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.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design			50,000	250,000			\$ 300,000	
90050 Construction					2,900,000		\$ 2,900,000	
90070 Project Administration					356,000		\$ 356,000	
TOTAL			\$ 50,000	\$ 250,000	\$ 3,256,000		\$ 3,556,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded				50,000	250,000	3,256,000		\$ 3,556,000
TOTAL				\$ 50,000	\$ 250,000	\$ 3,256,000		\$ 3,556,000

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:	2017/18
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 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 \$231,000 for the installation of LED sport court lighting at Balfour Guthrie Park and Creekside Park.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design		20,000					\$ 20,000	
90050	Construction	100,000	101,000					\$ 201,000	
90070	Project Administration		10,000					\$ 10,000	
TOTAL		\$ 100,000	\$ 131,000					\$ 231,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47217	Federal/State Funding	100,000	131,000						\$ 231,000
TOTAL		\$ 100,000	\$ 131,000						\$ 231,000

Project Title:

Project #:

Sunset Field Natural Turf Improvement



Project Category:	Parks and Trails Improvements
Location:	Sunset Road and Garin Parkway
Project Manager:	B. Johnson
Project Priority:	2C - Necessary
Project Phase:	New
Est. Completion Date:	2017/18
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 & 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 & 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 & 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 & C at Sunset Park converted to a turf that is more practical for the high use it receives annually.

PROJECT FINANCING		CURRENT		PROPOSED					TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction		300,000					\$ 300,000	
TOTAL			\$ 300,000					\$ 300,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47708	Replacement Parks and LLAD			300,000					\$ 300,000
TOTAL				\$ 300,000					\$ 300,000

Project Title:

Project #:

Windsor Way Park Expansion



Project Category:	Parks and Trails Improvements
Location:	Sycamore Court and Sycamore Avenue
Project Manager:	D. Hill
Project Priority:	2A - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$29,050
Public Art Requirement:	Applicable

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.

Supplemental Information:

This project is currently unfunded. Funding sources, such as grants, will be explored.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design			10,403				\$ 10,403	
90050	Construction			104,030				\$ 104,030	
90070	Project Administration			13,004				\$ 13,004	
TOTAL				\$ 127,437				\$ 127,437	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded					127,437				\$ 127,437
TOTAL					\$ 127,437				\$ 127,437

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 and is aging.

Supplemental Information:

The City's goal is to bring older park play equipment up to current requirements and standards. The park playground equipment will be replaced when funding becomes available. Funding sources, such as grants, will be explored. This park is located in the 98-1 Citywide Park Assessment District.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction						130,000	\$ 130,000	
TOTAL							\$ 130,000	\$ 130,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded								130,000	\$ 130,000
TOTAL								\$ 130,000	\$ 130,000

Water Improvements
Summary of Proposed Improvements
Fiscal Years 2017/18 - 2021/22

Page	Project #	Project	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
78	56392	Brentwood Boulevard Sewer and Water Main	\$ -	\$ -	\$ 150,000	\$ 1,700,000	\$ 1,550,000	\$ -	\$ 3,400,000
79		Canal Replacement Cost Share	131,950	423,690	1,147,820	1,145,935	406,000	2,958,000	6,213,395
80		Downtown Alley Rehabilitation	-	1,400,000	1,200,000	1,200,000	1,200,000	2,000,000	7,000,000
81	56396	Purchase of Capacity Rights	5,011,860	1,670,620	1,670,620	-	-	-	8,353,100
82	56398	Reservoir Painting and Coating	150,000	132,979	367,820	367,820	367,820	289,981	1,676,420
83	56397	Sensus AMR System Upgrade	325,000	175,000	175,000	175,000	175,000	-	1,025,000
84	56320	Underground Water System Corrosion Mitigation	132,000	68,000	-	-	-	-	200,000
85		Water and Wastewater SCADA System Upgrade	-	950,000	450,000	-	-	-	1,400,000
86		Water Distribution System Blending Facility	-	-	1,197,000	5,000,000	2,298,000	-	8,495,000
87	56399	Water Storage Capacity at Los Vaqueros Reservoir	100,000	100,000	200,000	2,000,000	2,000,000	2,000,000	6,400,000
88		Water Treatment Plant Chemical Storage Tank Relining	-	178,000	371,000	385,000	200,000	-	1,134,000
89		Water Treatment Plant Filter Media Replacement	-	561,000	589,000	-	-	-	1,150,000
90	56380	Zone I Equalization Storage Reservoirs	9,904	2,701	260,000	-	4,740,000	-	5,012,605
TOTAL			\$ 5,860,714	\$ 5,661,990	\$ 7,778,260	\$ 11,973,755	\$ 12,936,820	\$ 7,247,981	\$ 51,459,520

Water Improvements Summary

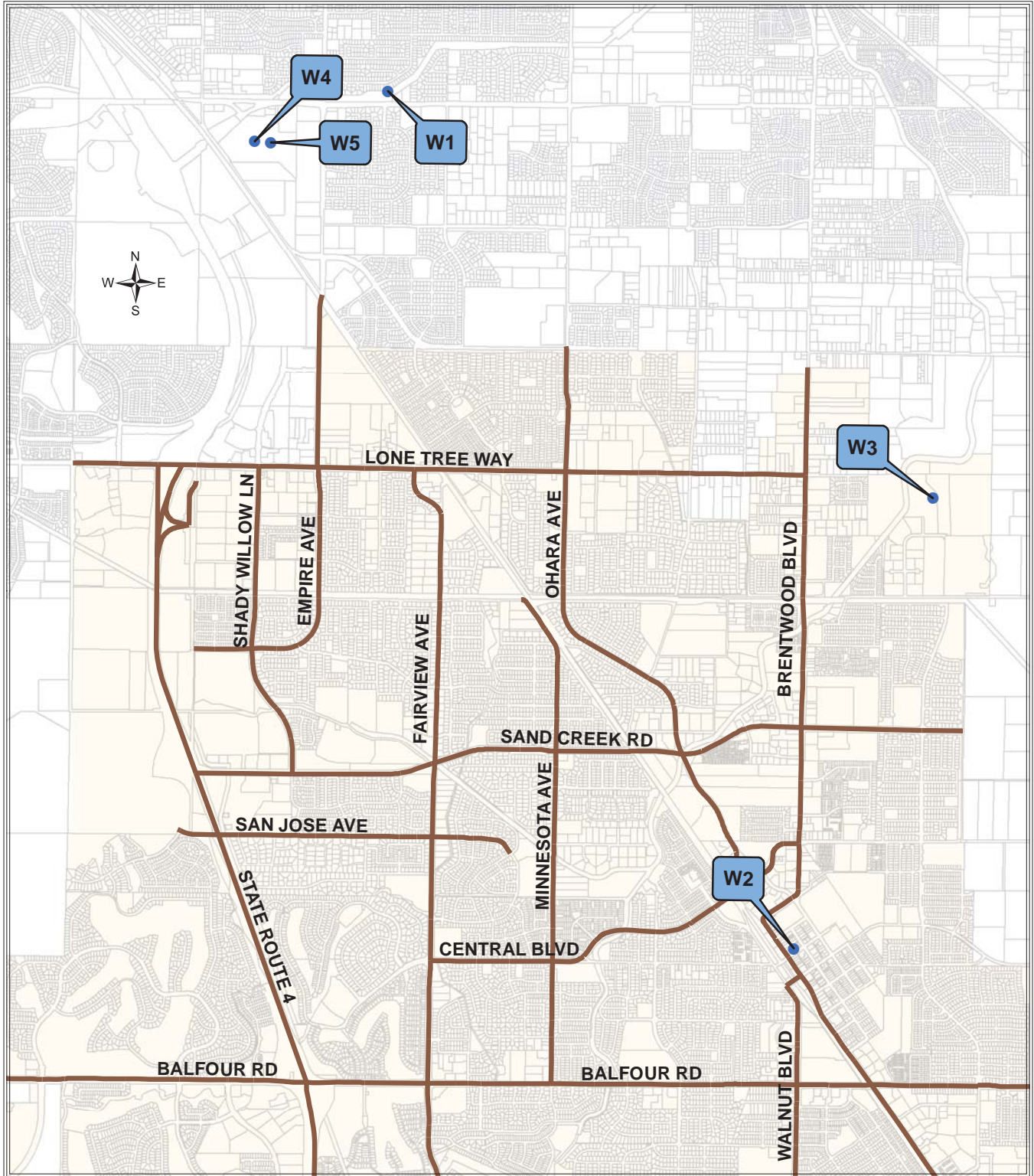
PROJECT FINANCING

Project Expenditures	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Legal	-	-	25,000	-	-	-	\$ 25,000
Planning and Design	85,005	270,701	1,532,000	250,000	100,000	170,000	\$ 2,407,706
Construction	5,758,810	5,171,289	5,921,260	10,723,755	12,394,820	6,917,981	\$ 46,887,915
Project Administration	15,000	220,000	150,000	1,000,000	442,000	160,000	\$ 1,987,000
Land/ROW/Acquisitions	1,899	-	150,000	-	-	-	\$ 151,899
TOTAL	\$ 5,860,714	\$ 5,661,990	\$ 7,778,260	\$ 11,973,755	\$ 12,936,820	\$ 7,247,981	\$ 51,459,520

Project Funding	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
General Fund	-	-	-	-	-	-	-	\$ -
Development Impact Fees	2,701,867	2,701	1,115,155	1,419,220	582,968	203,000	1,479,000	\$ 7,503,911
Enterprise	3,158,847	-	4,544,134	3,562,040	3,500,787	2,945,820	3,768,981	\$ 21,480,609
Federal/State Funding	-	-	-	-	-	-	-	\$ -
Development Contributions	-	-	-	65,000	850,000	410,000	-	\$ 1,325,000
Replacement	-	-	-	-	-	-	-	\$ -
Other	-	-	-	-	-	-	-	\$ -
Unfunded	-	-	-	2,732,000	7,040,000	9,378,000	2,000,000	\$ 21,150,000
TOTAL	\$ 5,860,714	\$ 2,701	\$ 5,659,289	\$ 7,778,260	\$ 11,973,755	\$ 12,936,820	\$ 7,247,981	\$ 51,459,520

WATER IMPROVEMENTS

Various Projects for 2017/18



NO.	PROJECT TITLE
W1	Canal Replacement Cost Share
W2	Downtown Alley Rehabilitation
W3	Water and Wastewater SCADA System Upgrade
W4	Water Treatment Plant Chemical Storage Tank Relining
W5	Water Treatment Plant Filter Media Replacement



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. Campero
Project Priority:	1E - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2020/21
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 Facility Fee funded portion of this project will be split between two fees, Water - \$10,000 and Wastewater - \$10,000.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design			150,000	150,000			\$ 300,000	
90050	Construction				1,400,000	1,410,000		\$ 2,810,000	
90070	Project Administration				150,000	140,000		\$ 290,000	
TOTAL				\$ 150,000	\$ 1,700,000	\$ 1,550,000		\$ 3,400,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47 - Var	Development Impact Fees				10,000	10,000			\$ 20,000
467 15	Development Contributions				65,000	850,000	410,000		\$ 1,325,000
Unfunded					75,000	840,000	1,140,000		\$ 2,055,000
TOTAL					\$ 150,000	\$ 1,700,000	\$ 1,550,000		\$ 3,400,000

Project Title:

Project #:

Canal Replacement Cost Share



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:	2021/22
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 3-5).

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 cost for the Canal Replacement Project included in the 5-year period is \$5.9 million. 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. Future annual O&M costs are included in the Operating Budget, Purchased Water account. Previously, this project was a portion of the Permanent Long-Term Water Conveyance project.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction	131,950	423,690	1,147,820	1,145,935	406,000	2,958,000	\$ 6,213,395	
TOTAL		\$ 131,950	\$ 423,690	\$ 1,147,820	\$ 1,145,935	\$ 406,000	\$ 2,958,000	\$ 6,213,395	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47250	Development Impact Fees	65,975		211,845	573,910	572,968	203,000	1,479,000	\$ 3,106,698
47563	Enterprise	65,975		211,845	573,910	572,967	203,000	1,479,000	\$ 3,106,697
TOTAL		\$ 131,950		\$ 423,690	\$ 1,147,820	\$ 1,145,935	\$ 406,000	\$ 2,958,000	\$ 6,213,395

Project Title:

Project #:

Downtown Alley Rehabilitation



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:	Preliminary
Est. Completion Date:	2021/22
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, including streetlights 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 in FY 2017/18 will be split proportionally 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. The first segment budgeted in FY 2017/18 is Diablo Way between Oak Street and Brentwood Boulevard.

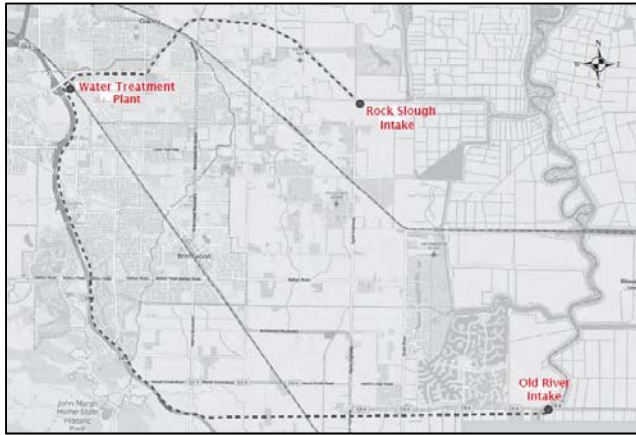
PROJECT FINANCING	CURRENT		PROPOSED					TOTAL
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design		115,000	100,000	100,000	100,000	170,000	\$ 585,000	
90050 Construction		1,170,000	1,000,000	1,000,000	1,000,000	1,670,000	\$ 5,840,000	
90070 Project Administration		115,000	100,000	100,000	100,000	160,000	\$ 575,000	
TOTAL		\$ 1,400,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 2,000,000	\$ 7,000,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47 - Var Enterprise			1,400,000					\$ 1,400,000
Unfunded				1,200,000	1,200,000	1,200,000	2,000,000	\$ 5,600,000
TOTAL			\$ 1,400,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 2,000,000	\$ 7,000,000

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. Previously, this project was a portion of the Permanent Long-Term Water Conveyance project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction	5,011,860	1,670,620	1,670,620				\$ 8,353,100	
TOTAL		\$ 5,011,860	\$ 1,670,620	\$ 1,670,620				\$ 8,353,100	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47250	Development Impact Fees	2,505,930		835,310	835,310				\$ 4,176,550
47563	Enterprise	2,505,930		835,310	835,310				\$ 4,176,550
TOTAL		\$ 5,011,860		\$ 1,670,620	\$ 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 biennially drained, pressure washed, inspected and disinfected. Interior and exterior painting will occur on a ten year cycle. The project assures reservoirs are in compliance with state and federal regulations and that reservoirs provide a safe and healthy environment for water storage. Reservoir 2.1 was completed in FY 2016/17.

PROJECT FINANCING		CURRENT		PROPOSED					TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction	150,000	132,979	367,820	367,820	367,820	289,981	\$ 1,676,420	
TOTAL		\$ 150,000	\$ 132,979	\$ 367,820	\$ 367,820	\$ 367,820	\$ 289,981	\$ 1,676,420	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47560	Enterprise	150,000		132,979	367,820	367,820	367,820	289,981	\$ 1,676,420
TOTAL		\$ 150,000		\$ 132,979	\$ 367,820	\$ 367,820	\$ 367,820	\$ 289,981	\$ 1,676,420

Project Title:

Project #:

Sensus AMR System Upgrade

562-56397



Project Category:	Water Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$10,000
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. Future annual O&M costs cover power and a server maintenance agreement.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design	20,000						\$ 20,000	
90050 Construction	305,000	175,000	175,000	175,000	175,000		\$ 1,005,000	
TOTAL	\$ 325,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000		\$ 1,025,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47563 Enterprise	325,000		175,000	175,000	175,000	175,000		\$ 1,025,000
TOTAL	\$ 325,000		\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000		\$ 1,025,000

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:	2017/18
Future Annual O&M Impact:	\$0
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. This project will also minimize the amount of water lost each year due to leakage caused by corrosion.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
90040	Planning and Design	57,000	3,000					\$ 60,000
90050	Construction	60,000	60,000					\$ 120,000
90070	Project Administration	15,000	5,000					\$ 20,000
TOTAL		\$ 132,000	\$ 68,000					\$ 200,000

PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47250	Development Impact Fees	120,058	68,000					\$ 188,058
47560	Enterprise	11,942						\$ 11,942
TOTAL		\$ 132,000	\$ 68,000					\$ 200,000

Project Title:

Project #:

Water and Wastewater SCADA System Upgrade



Project Category:	Water Improvements
Location:	2201 & 2251 Elkins Way
Project Manager:	C. Wichert
Project Priority:	2C - Necessary
Project Phase:	New
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 Enterprise Replacement Fund (\$825,000) and Wastewater Enterprise Replacement Fund (\$575,000).

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
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		2017/18	2018/19	2019/20	2020/21	2021/22	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 Distribution System Blending Facility



Project Category:	Water Improvements
Location:	In the vicinity of Lone Tree Way and O'Hara Avenue intersection. Exact location will be determined upon further evaluation.
Project Manager:	J. Campero
Project Priority:	1B - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$20,000
Public Art Requirement:	Exempt

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.

Supplemental Information:

The proposed blending facility will be constructed and operated as water demands dictate. The blending facility will have a design capacity of 10 MGD to allow for future demand, will utilize in-line static mixers that will provide mixing of groundwater with surface water, and will include the chemical storage and chemical feed system for disinfection. This project will ultimately be funded from the Water Replacement and Water Facility Fee Funds. Grant funding will also be sought. Future annual O&M costs include power costs to operate the pumps, the chemical feed system and the SCADA system.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal			15,000				\$ 15,000	
90040	Planning and Design			1,032,000				\$ 1,032,000	
90050	Construction				4,250,000	2,096,000		\$ 6,346,000	
90070	Project Administration				750,000	202,000		\$ 952,000	
90100	Land/ROW/Acquisitions			150,000				\$ 150,000	
TOTAL				\$ 1,197,000	\$ 5,000,000	\$ 2,298,000		\$ 8,495,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded					1,197,000	5,000,000	2,298,000		\$ 8,495,000
TOTAL					\$ 1,197,000	\$ 5,000,000	\$ 2,298,000		\$ 8,495,000

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 at the Los Vaqueros Reservoir. Purchasing storage capacity in the Los Vaqueros Reservoir will enable the City to pump high-quality low- chloride water during the wet months to 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.

Supplemental Information:

None

PROJECT FINANCING	CURRENT		PROPOSED					TOTAL
PROJECT EXPENDITURES	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050 Construction	100,000	100,000	200,000	2,000,000	2,000,000	2,000,000	\$ 6,400,000	
TOTAL	\$ 100,000	\$ 100,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 6,400,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47560 Enterprise	100,000		100,000	200,000	2,000,000	2,000,000	2,000,000	\$ 6,400,000
TOTAL	\$ 100,000		\$ 100,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 6,400,000

Project Title:

Project #:

Water Treatment Plant Chemical Storage Tank Relining



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 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 FY and the project will be complete in FY 2021/22.

Supplemental Information:

This project is funded through the Water Enterprise Replacement Fund. Per the agreement with the Contra Costa Water District (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	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90050 Construction		178,000	371,000	385,000	200,000		\$ 1,134,000	
TOTAL		\$ 178,000	\$ 371,000	\$ 385,000	\$ 200,000		\$ 1,134,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47563 Enterprise			178,000	371,000	385,000	200,000		\$ 1,134,000
TOTAL			\$ 178,000	\$ 371,000	\$ 385,000	\$ 200,000		\$ 1,134,000

Project Title:

Project #:

Water Treatment Plant Filter Media Replacement



Project Category:	Water Improvements
Location:	3760 Neroly Road
Project Manager:	E. Brennan
Project Priority:	1A - Mandatory
Project Phase:	New
Est. Completion Date:	2019/20
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 and 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 filters during FY 2018/19 and two more filters during FY 2019/20.

Supplemental Information:

This project is funded through the Water Enterprise 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				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction		561,000	589,000				\$ 1,150,000	
TOTAL			\$ 561,000	\$ 589,000				\$ 1,150,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47563	Enterprise			561,000	589,000				\$ 1,150,000
TOTAL				\$ 561,000	\$ 589,000				\$ 1,150,000

Project Title:

Project #:

Zone 1 Equalization Storage Reservoirs

562-56380



Project Category:	Water Improvements
Location:	Along the eastern edge of the city with proposed locations adjacent to Oak Street and Chestnut Street
Project Manager:	J. Campero
Project Priority:	1D - Mandatory
Project Phase:	Design
Est. Completion Date:	2020/21
Future Annual O&M Impact:	\$60,000
Public Art Requirement:	Exempt

Description/Justification:

A buried equalization reservoir, totaling 5 million gallons of storage, is expected to be constructed. It will consist of a buried, reinforced concrete reservoir, piping, pumps and related equipment, electrical service and control system. System storage capacity, among other things, provides the equalization volume required to accommodate maximum water consumption periods throughout the day. All of the City's existing storage capacity is located on the western edge of the City due to the hilly terrain (typical water reservoirs are elevated above the service area and rely upon gravity for flow). Adequate locations for an additional Zone I Reservoir are currently not available within the City limits; therefore, a buried equalization reservoir is proposed on the eastern edge of the City.

Supplemental Information:

The proposed reservoir will be constructed as water demand dictates, and will be re-evaluated on an annual basis to determine when it is most advantageous to construct. Future annual O&M costs include power costs to operate the pumps to deliver water from the equalization reservoir to the City's distribution system.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal			10,000				\$ 10,000	
90040 Planning and Design	8,005	2,701	250,000				\$ 260,706	
90050 Construction					4,740,000		\$ 4,740,000	
90100 Land/ROW/Acquisitions	1,899						\$ 1,899	
TOTAL	\$ 9,904	\$ 2,701	\$ 260,000		\$ 4,740,000		\$ 5,012,605	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47250 Development Impact Fees	9,904	2,701						\$ 12,605
Unfunded			260,000		4,740,000			\$ 5,000,000
TOTAL	\$ 9,904	\$ 2,701	\$ 260,000		\$ 4,740,000			\$ 5,012,605

Wastewater Improvements
Summary of Proposed Improvements
Fiscal Years 2017/18 - 2021/22

Page	Project #	Project	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
94		Apple Hill Drive Sewer Diversion	\$ -	\$ -	\$ -	\$ -	\$ 109,000	\$ 479,000	\$ 588,000
95		Citywide Non-Potable Water Distribution System	-	1,460,000	3,071,000	-	-	-	4,531,000
96		Marsh Creek Sewer Constriction Upgrade	-	-	-	-	70,000	305,000	375,000
97	59198	Non-Potable Storage Facility	1,193,500	6,930,000	-	-	-	-	8,123,500
98		Secondary Non-Potable Water Storage Facility	-	-	350,000	3,850,000	-	-	4,200,000
99		Wastewater Treatment Plant Biofilter Media Replacement	-	200,000	-	-	-	-	200,000
100	59200	Wastewater Treatment Plant Effluent Chloride Compliance	2,710,000	1,130,000	160,000	-	-	-	4,000,000
101		Wastewater Treatment Plant Groundwater Well Abandonment	-	170,000	-	-	-	-	170,000
102	59140	Wastewater Treatment Plant - Phase II Expansion	3,517,000	11,684,000	30,250,000	10,000,000	-	-	55,451,000
103		Wastewater Treatment Plant Security	-	400,000	-	-	-	-	400,000
TOTAL			\$ 7,420,500	\$ 21,974,000	\$ 33,831,000	\$ 13,850,000	\$ 179,000	\$ 784,000	\$ 78,038,500

Wastewater Improvements Summary

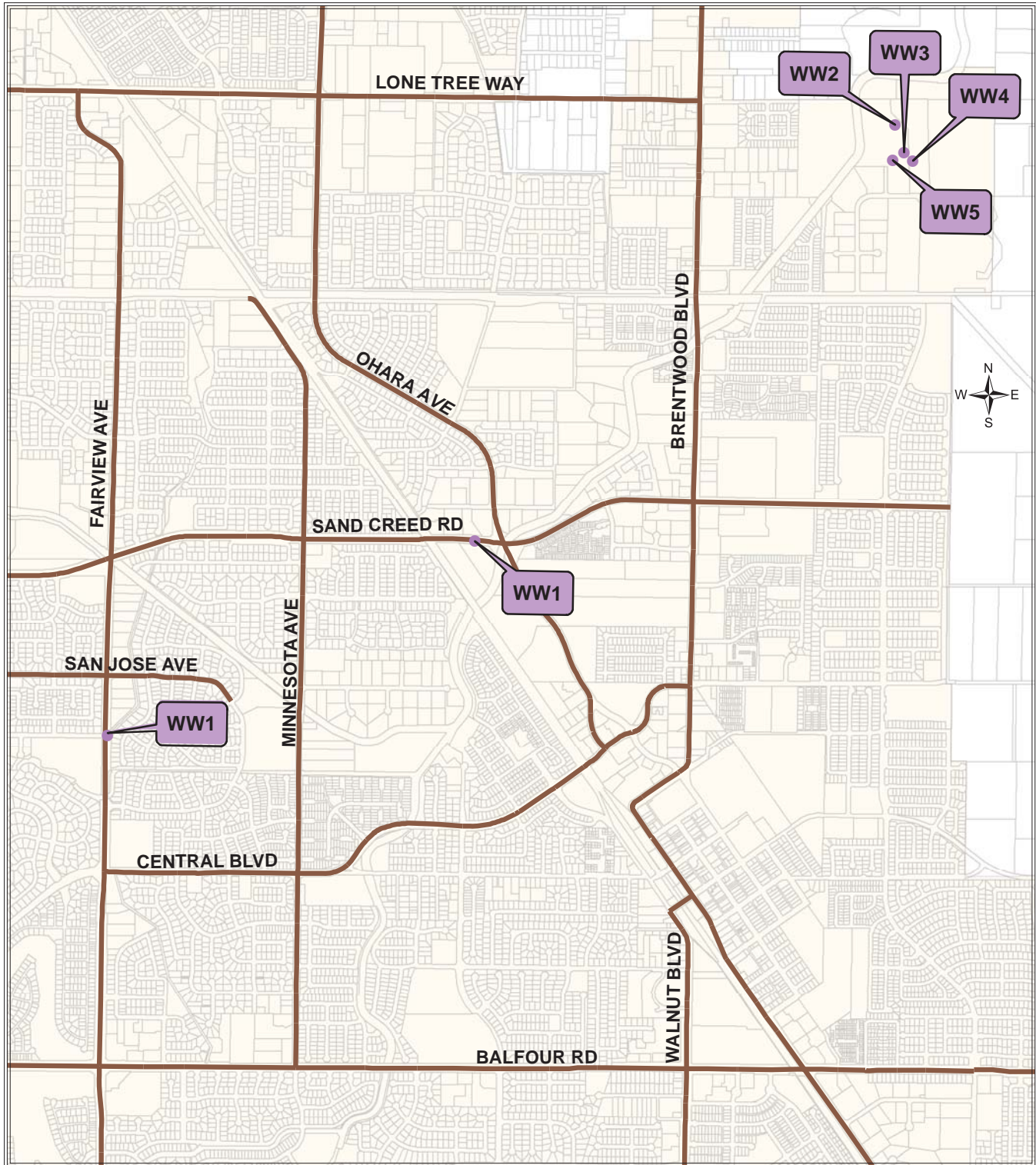
PROJECT FINANCING

Project Expenditures	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Legal	30,000	265,000	70,000	-	5,000	-	\$ 370,000
Planning and Design	3,635,000	429,000	350,000	-	144,000	-	\$ 4,558,000
Construction	3,389,522	15,448,000	32,947,000	13,500,000	-	700,000	\$ 65,984,522
Project Administration	307,478	5,573,000	464,000	350,000	-	84,000	\$ 6,778,478
Land/ROW/Acquisitions	58,500	259,000	-	-	30,000	-	\$ 347,500
TOTAL	\$ 7,420,500	\$ 21,974,000	\$ 33,831,000	\$ 13,850,000	\$ 179,000	\$ 784,000	\$ 78,038,500

Project Funding	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
General Fund	-	-	-	-	-	-	-	\$ -
Development Impact Fees	1,043,063	1,503,187	-	-	-	35,000	152,500	\$ 2,733,750
Enterprise	5,277,437	1,130,000	770,000	160,000	-	35,000	152,500	\$ 7,524,937
Federal/State Funding	1,100,000	6,904,500	11,666,313	33,671,000	13,850,000	-	-	\$ 67,191,813
Development Contributions	-	-	-	-	-	-	-	\$ -
Replacement	-	-	-	-	-	-	-	\$ -
Other	-	-	-	-	-	-	-	\$ -
Unfunded	-	-	-	-	-	109,000	479,000	\$ 588,000
TOTAL	\$ 7,420,500	\$ 9,537,687	\$ 12,436,313	\$ 33,831,000	\$ 13,850,000	\$ 179,000	\$ 784,000	\$ 78,038,500

WASTEWATER IMPROVEMENTS

Various Projects for 2017/18



NO.	PROJECT TITLE	PROJECT NO.
WW1	Citywide Non-Potable Water Distribution System	
WW2	Non-Potable Storage Facility	592-59198
WW3	WWTP Biofilter Media Replacement	
WW4	WWTP – Phase II Expansion	592-59140
WW5	WWTP Security	



Project Title:

Project #:

Apple Hill Drive Sewer Diversion



Project Category:	Wastewater Improvements
Location:	Apple Hill Drive to Wildcat Lane
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$500
Public Art Requirement:	Exempt

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.

Supplemental Information:

This project will only be required when the area along the west end of the City is annexed within the City limits and developed.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
70239 Legal					5,000		\$ 5,000	
90040 Planning and Design					74,000		\$ 74,000	
90050 Construction						435,000	\$ 435,000	
90070 Project Administration						44,000	\$ 44,000	
90100 Land/ROW/Acquisitions					30,000		\$ 30,000	
TOTAL					\$ 109,000	\$ 479,000	\$ 588,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Unfunded						109,000	479,000	\$ 588,000
TOTAL						\$ 109,000	\$ 479,000	\$ 588,000

Project Title:

Project #:

Citywide Non-Potable Water Distribution System



Project Category:	Wastewater Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	Design
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 Strategic Initiative 1.2.e., part of the City’s Strategic Plan for FY 2016/17 and FY 2017/18.

Supplemental Information:

This project includes sleeving of the recently acquired abandoned PG&E Line 114 gas pipeline in Fairview Avenue to be utilized for non-potable conveyance and will purchase approximately 3,000 feet of 16” pipeline from East Contra Costa Irrigation District to be used for non-potable water in lieu of constructing a new non-potable water main on Sand Creek Road. 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 Facility Fee, Wastewater Enterprise and Parks and LLAD Replacement Funds, as applicable. It is estimated that \$1,479,450 of the funding will be a grant and the remaining \$3,051,550 will be a loan.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal		15,000	10,000				\$ 25,000	
90040	Planning and Design		279,000					\$ 279,000	
90050	Construction		823,000	2,782,000				\$ 3,605,000	
90070	Project Administration		84,000	279,000				\$ 363,000	
90100	Land/ROW/Acquisitions		259,000					\$ 259,000	
TOTAL			\$ 1,460,000	\$ 3,071,000				\$ 4,531,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47 - Var	Federal/State Funding			1,460,000	3,071,000				\$ 4,531,000
TOTAL				\$ 1,460,000	\$ 3,071,000				\$ 4,531,000

Project Title:

Project #:

Marsh Creek Sewer Constriction Upgrade



Project Category:	Wastewater Improvements
Location:	Marsh Creek sewer crossing, north of Sunset Road, between sewer manholes 2450 and 2462
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

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.

Supplemental Information:

This project will be equally funded by Wastewater Development Impact Fees and the Wastewater Enterprise Replacement fund.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design					70,000		\$ 70,000	
90050 Construction						265,000	\$ 265,000	
90070 Project Administration						40,000	\$ 40,000	
TOTAL					\$ 70,000	\$ 305,000	\$ 375,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47255 Development Impact Fees						35,000	152,500	\$ 187,500
47593 Enterprise						35,000	152,500	\$ 187,500
TOTAL						\$ 70,000	\$ 305,000	\$ 375,000

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:	Design
Est. Completion Date:	2017/18
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 Strategic Initiative 1.2.e., part of the City's Strategic Plan for FY 2016/17 and FY 2017/18.

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 35% State and Federal grants and 65% loan. It is estimated that \$2,810,500 of the SRF loan will be a grant and the remaining \$5,219,500 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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	35,000						\$ 35,000	
90050	Construction	1,000,000	6,300,000					\$ 7,300,000	
90070	Project Administration	100,000	630,000					\$ 730,000	
90100	Land/ROW/Acquisitions	58,500						\$ 58,500	
TOTAL		\$ 1,193,500	\$ 6,930,000					\$ 8,123,500	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47255	Development Impact Fees	46,750							\$ 46,750
47590	Enterprise	46,750							\$ 46,750
47 - Var	Federal/State Funding	1,100,000	6,904,500	25,500					\$ 8,030,000
TOTAL		\$ 1,193,500	\$ 6,904,500	\$ 25,500					\$ 8,123,500

Project Title:

Project #:

Secondary Non-Potable Water Storage Facility



Project Category:	Wastewater Improvements
Location:	220 Fairview Avenue
Project Manager:	J. Campero
Project Priority:	1A - 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.

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 SRF loan 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	2017/18	2018/19	2019/20	2020/21	2021/22	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		2017/18	2018/19	2019/20	2020/21	2021/22	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 Biofilter Media Replacement



Project Category:	Wastewater Improvements
Location:	2251 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1B - Mandatory
Project Phase:	New
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

The WWTP bio-filters provide odor control for the facility. The bio-filters are composed of an oyster shell and carbon composite media that absorbs odors from air that is passed through the media. The control of odors from the WWTP is a requirement of the City's National Pollutant Discharge Elimination System permit. The media in the filters has reached the end of its useful life cycle and needs to be replaced.

Supplemental Information:

The WWTP was brought online in 2002. The media in the bio-filters is expendable and has a life-cycle of approximately 7-8 years. The bio-filter media was last replaced in FY 2009/10. This project will be funded by the Wastewater Enterprise Replacement Fund.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040 Planning and Design		30,000					\$ 30,000	
90050 Construction		140,000					\$ 140,000	
90070 Project Administration		30,000					\$ 30,000	
TOTAL		\$ 200,000					\$ 200,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47593 Enterprise			200,000					\$ 200,000
TOTAL			\$ 200,000					\$ 200,000

Project Title:

Project #:

Wastewater Treatment Plant Effluent Chloride Compliance

592-59200



Project Category:	Wastewater Improvements
Location:	2251 Elkins Way
Project Manager:	C. Wichert
Project Priority:	1E - Mandatory
Project Phase:	Construction
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

Provide the necessary infrastructure upgrades, additions, studies and public outreach for chloride discharge to Marsh Creek, in order to fully comply with the WWTP NPDES permit limitations. This project may incorporate a financial incentive for residents to either replace or remove existing self-regenerating water softeners. Implementation of the Clean Water Act resulted in NPDES permit limitations for all discharges to waters of the State, based on Federal Environmental Protection Agency criteria. The City's NPDES permit contains a chloride limitation. Failure to meet this limit may result in non-compliance and monetary penalties.

Supplemental Information:

Based on the results of the Chloride Compliance Alternatives Report, and the identification of a preferred alternative, this project represents the City's efforts to comply with the WWTP NPDES permit limitations for chloride discharge to Marsh Creek. This project is funded from the Wastewater Enterprise.

PROJECT FINANCING		CURRENT		PROPOSED					TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	20,000	10,000	10,000				\$ 40,000	
90040	Planning and Design	100,000						\$ 100,000	
90050	Construction	2,388,522	1,020,000	65,000				\$ 3,473,522	
90070	Project Administration	201,478	100,000	85,000				\$ 386,478	
TOTAL		\$ 2,710,000	\$ 1,130,000	\$ 160,000				\$ 4,000,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47590	Enterprise	2,710,000	1,130,000		160,000				\$ 4,000,000
TOTAL		\$ 2,710,000	\$ 1,130,000		\$ 160,000				\$ 4,000,000

Project Title:

Project #:

Wastewater Treatment Plant Groundwater Well Abandonment



Project Category:	Wastewater Improvements
Location:	2251 Elkins Way
Project Manager:	J. Campero
Project Priority:	1B - Mandatory
Project Phase:	New
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

This project will abandon/destroy existing groundwater monitoring wells as required by the City's NPDES permit. The NPDES permit issued to the City in 2013 required the City to stop disposing of treated wastewater via percolation ponds, and abandon/destroy the existing groundwater monitoring wells to prevent potential contamination of groundwater. The percolation ponds were abandoned and/or lined in 2014, and the monitoring wells are now ready to be abandoned.

Supplemental Information:

There are 17 existing groundwater monitoring wells. Depending on the requirements of upcoming regulations on a salt and nitrate monitoring program, the City will abandon 10-17 of the existing wells. This project is funded from the Wastewater Enterprise.

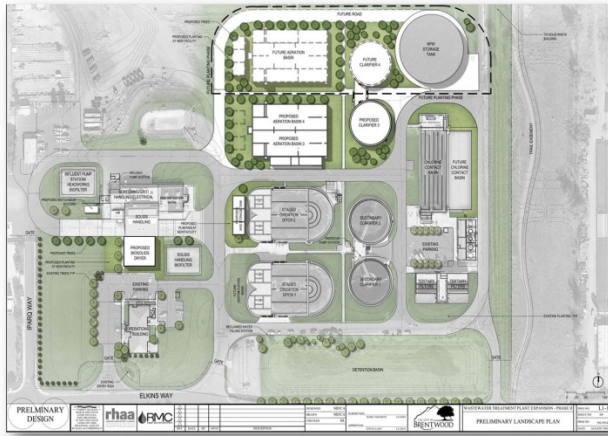
PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design		20,000					\$ 20,000	
90050 Construction		130,000					\$ 130,000	
90070 Project Administration		20,000					\$ 20,000	
TOTAL		\$ 170,000					\$ 170,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47590 Enterprise			170,000					\$ 170,000
TOTAL			\$ 170,000					\$ 170,000

Project Title:

Project #:

Wastewater Treatment Plant - Phase II Expansion

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:	2018/19
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 seven years has been 64 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 ultra violet/free chlorine disinfection, bar screens, utility pumps, sand filters, 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 is Strategic Initiative 1.2.f., part of 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 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 covered by the Wastewater Enterprise and Wastewater Development Impact Fees. This is a multi-year project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
70239	Legal	10,000	240,000	50,000				\$ 300,000
90040	Planning and Design	3,500,000	60,000					\$ 3,560,000
90050	Construction	1,000	6,715,000	30,100,000	10,000,000			\$ 46,816,000
90070	Project Administration	6,000	4,669,000	100,000				\$ 4,775,000
TOTAL		\$ 3,517,000	\$ 11,684,000	\$30,250,000	\$10,000,000			\$ 55,451,000

PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47255	Development Impact Fees	996,313	1,503,187						\$ 2,499,500
47 - Var	Enterprise	2,520,687							\$ 2,520,687
44477	Federal/State Funding			10,180,813	30,250,000	10,000,000			\$ 50,430,813
TOTAL		\$ 3,517,000	\$ 1,503,187	\$ 10,180,813	\$30,250,000	\$10,000,000			\$ 55,451,000

Project Title:

Project #:

Wastewater Treatment Plant Security



Project Category:	Wastewater Improvements
Location:	2251 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	3B - Desirable
Project Phase:	New
Est. Completion Date:	2017/18
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 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	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design		40,000					\$ 40,000	
90050 Construction		320,000					\$ 320,000	
90070 Project Administration		40,000					\$ 40,000	
TOTAL		\$ 400,000					\$ 400,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47 - Var Enterprise			400,000					\$ 400,000
TOTAL			\$ 400,000					\$ 400,000



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Community Facilities Improvements
Summary of Proposed Improvements
Fiscal Years 2017/18 - 2021/22

Page	Project #	Project	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	Total Cost
108	37237	City Fiber Optic Connection	\$ 8,000	\$ 292,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,100,000
109		City Hall Automatic Transfer Switch	-	215,000	-	-	-	-	215,000
110	37226	City Phone System Upgrade	375,000	25,000	-	-	-	-	400,000
111	37244	Citywide Gateway Monuments "4-Corners"	7,000	779,383	-	-	-	-	786,383
112	37207	Citywide Sign/Identification Program	27,500	102,500	-	-	-	-	130,000
113	37245	Community Build-Out Plan	150,000	150,000	-	-	-	-	300,000
114	37247	Community Gazebo	1,077	6,423	-	-	-	-	7,500
115	37197	Development Services Software	417,847	32,153	-	-	-	-	450,000
116	31140	Financial Software	1,451,034	223,966	-	-	-	-	1,675,000
117	37030	Fire Station #53 (Shady Willow)	697,397	-	-	-	5,394,000	-	6,091,397
118	37100	Fire Station #54 (Replace Downtown)	-	-	-	-	588,000	6,464,000	7,052,000
119		License Plate Reader System - Phase II	-	250,000	-	-	-	-	250,000
120	37241	Library - New Construction	4,500,000	8,600,000	400,000	-	-	-	13,500,000
121	37206	Municipal Service Center	618,480	4,786,000	-	-	-	-	5,404,480
122		PEG Cable TV Access	-	-	-	-	-	840,000	840,000
123	37246	Specific Plan for Priority Area 1	275,000	275,000	-	-	-	-	550,000
124	37238	Surveillance Camera and Storage System Upgrade	200,000	40,000	-	-	-	-	240,000
125		Veterans Park Gazebo	-	-	-	-	-	-	-
126	37231	Vineyards at Marsh Creek - Event Center/Amphitheater	14,317	3,785,683	3,400,000	-	-	-	7,200,000
127	37235	WiFi Program - Phase II	125,000	10,000	-	-	-	-	135,000
128	37228	Zoning Ordinance Update	-	-	-	175,000	175,000	-	350,000
TOTAL			\$ 8,867,652	\$ 19,573,108	\$ 4,000,000	\$ 375,000	\$ 6,357,000	\$ 7,504,000	\$ 46,676,760

Community Facilities Improvements Summary

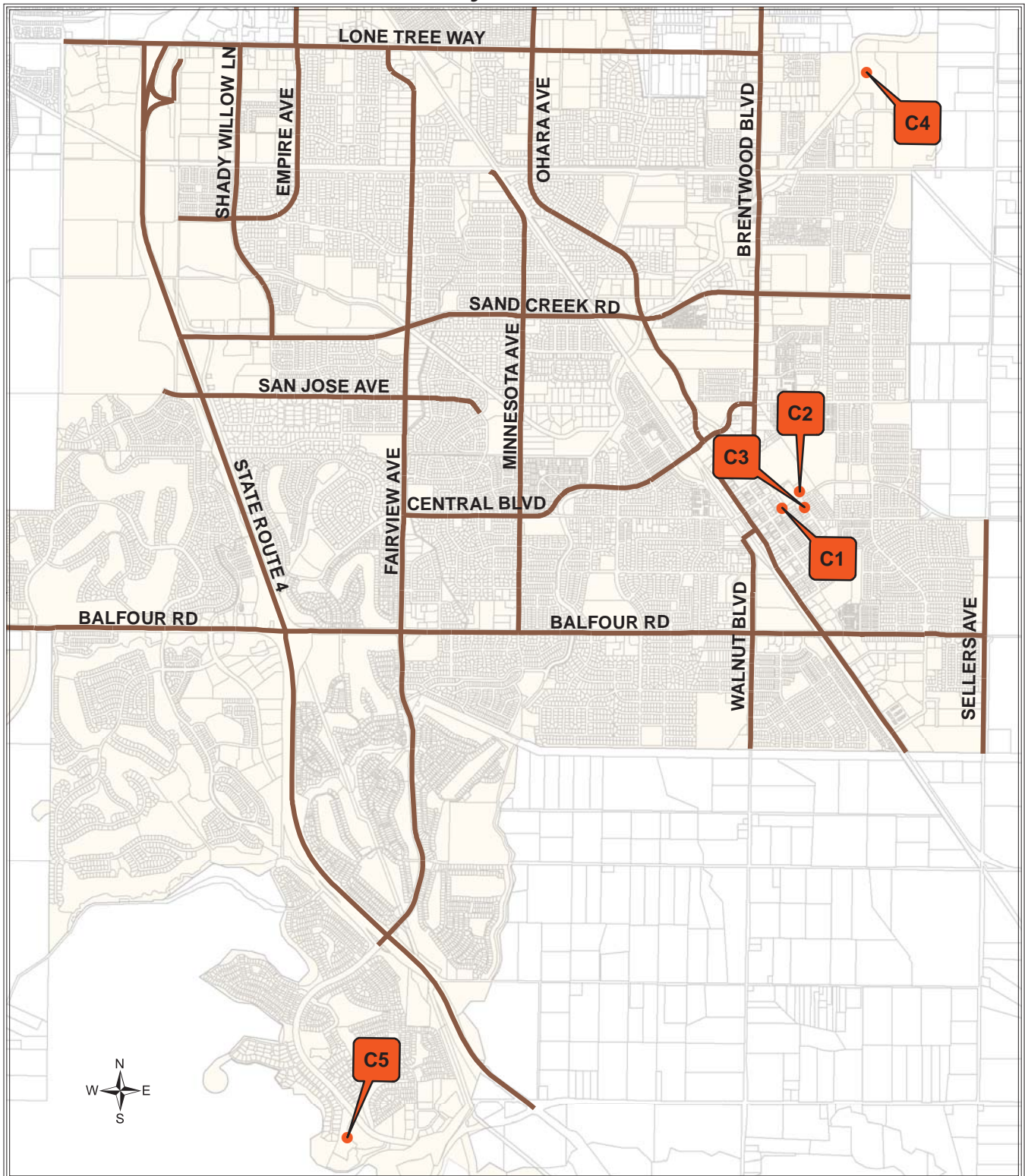
PROJECT FINANCING

Project Expenditures	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Legal	73,486	31,000	-	12,500	12,500	50,000	\$ 179,486
Planning and Design	2,344,376	1,115,586	115,000	165,000	803,000	415,000	\$ 4,957,962
Construction	4,743,309	17,622,626	3,870,000	170,000	5,028,000	6,386,000	\$ 37,819,935
Project Administration	1,706,481	791,896	15,000	27,500	513,500	653,000	\$ 3,707,377
Land/ROW/Acquisitions	-	12,000	-	-	-	-	\$ 12,000
TOTAL	\$ 8,867,652	\$ 19,573,108	\$ 4,000,000	\$ 375,000	\$ 6,357,000	\$ 7,504,000	\$ 46,676,760

Project Funding	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
General Fund	452,500	7,500	890,000	-	175,000	175,000	-	\$ 1,700,000
Development Impact Fees	672,327	127,153	200,000	-	-	-	-	\$ 999,480
Enterprise	190,000	-	-	-	-	-	-	\$ 190,000
Federal/State Funding	-	-	-	-	-	-	-	\$ -
Development Contributions	-	-	-	-	-	-	-	\$ -
Replacement	2,119,034	390,966	-	-	-	-	-	\$ 2,510,000
Other	5,433,791	11,324,614	6,632,875	3,800,000	-	5,394,000	840,000	\$ 33,425,280
Unfunded	-	-	-	200,000	200,000	788,000	6,664,000	\$ 7,852,000
TOTAL	\$ 8,867,652	\$ 11,850,233	\$ 7,722,875	\$ 4,000,000	\$ 375,000	\$ 6,357,000	\$ 7,504,000	\$ 46,676,760

COMMUNITY FACILITIES IMPROVEMENTS

Various Projects for 2017/18



NO.	PROJECT TITLE	PROJECT NO.
C1	City Hall Automatic Transfer Switch	
C2	Community Gazebo	337-37247
C3	Library – New Construction	337-37241
C4	Municipal Service Center	337-37206
C5	Vineyards at Marsh Creek – Event Center/Amphitheatre	337-37231

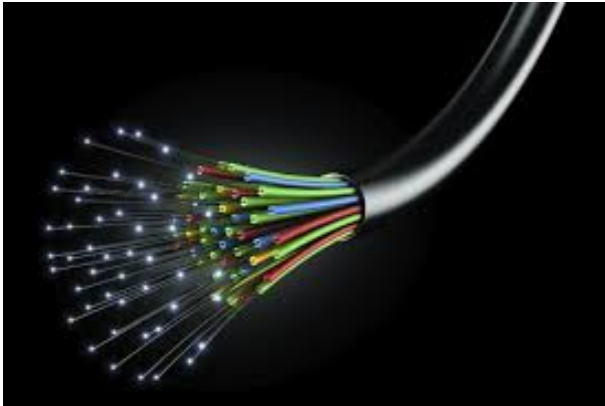


Project Title:

Project #:

City Fiber Optic Connection

337-37237



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	J. Campero
Project Priority:	2C - Necessary
Project Phase:	Design
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$5,000
Public Art Requirement:	Exempt

Description/Justification:

A Fiber Optic Master Plan was developed to determine the locations needed to complete a fiber optic master 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.

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					TOTAL
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design		22,500	15,000	15,000	15,000	15,000	\$ 82,500	
90050	Construction	8,000	247,000	170,000	170,000	170,000	170,000	\$ 935,000	
90070	Project Administration		22,500	15,000	15,000	15,000	15,000	\$ 82,500	
TOTAL		\$ 8,000	\$ 292,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,100,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47256	Development Impact Fees			200,000					\$ 200,000
47703	Replacement - Information Systems	8,000	92,000						\$ 100,000
Unfunded					200,000	200,000	200,000	200,000	\$ 800,000
TOTAL		\$ 8,000	\$ 92,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,100,000

Project Title:

Project #:

City Hall Automatic Transfer Switch



Project Category:	Community Facilities Improvements
Location:	150 City Park Way
Project Manager:	S. Dempsey
Project Priority:	2C - Necessary
Project Phase:	Design
Est. Completion Date:	2017/18
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	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90050 Construction		215,000					\$ 215,000	
TOTAL		\$ 215,000					\$ 215,000	
	Prior							
PROJECT FUNDING	Funded	Carryover	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
47100 General Fund			215,000					\$ 215,000
TOTAL			\$ 215,000					\$ 215,000

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:	2017/18
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 is Strategic Initiative 6.3.c., part of 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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	526						\$ 526	
90050	Construction	374,474	25,000					\$ 399,474	
TOTAL		\$ 375,000	\$ 25,000					\$ 400,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47703	Replacement - Information Systems	375,000	25,000						\$ 400,000
TOTAL		\$ 375,000	\$ 25,000						\$ 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:	2017/18
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 is Strategic Initiative 3.3.b., part of 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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	2,000	6,000					\$ 8,000	
90040	Planning and Design		56,000					\$ 56,000	
90050	Construction		632,383					\$ 632,383	
90070	Project Administration	5,000	73,000					\$ 78,000	
90100	Land/ROW/Acquisitions		12,000					\$ 12,000	
TOTAL		\$ 7,000	\$ 779,383					\$ 786,383	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Other		7,000	283,000	496,383					\$ 786,383
TOTAL		\$ 7,000	\$ 283,000	\$ 496,383					\$ 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:	2017/18
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.

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	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design	15,167	10,000					\$ 25,167	
90050 Construction	12,333	92,500					\$ 104,833	
TOTAL	\$ 27,500	\$ 102,500					\$ 130,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	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:	2017/18
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. This project is Strategic Initiative 4.1.a., part of the City's Strategic Plan for FY 2016/17 and FY 2017/18. 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.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	125,000	125,000					\$ 250,000	
90070	Project Administration	25,000	25,000					\$ 50,000	
TOTAL		\$ 150,000	\$ 150,000					\$ 300,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund	150,000		150,000					\$ 300,000
TOTAL		\$ 150,000		\$ 150,000					\$ 300,000

Project Title:

Project #:

Community Gazebo

337-37247



Project Category:	Community Facilities Improvements
Location:	City Park, 710 Second Street
Project Manager:	G. Leech
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
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 City Park. In November 2007, City Council endorsed the Civic Center Master Plan, which included the renovation of City Park. As a part of that renovation, the gazebo that had been in the park was removed. On June 14, 2016, City Council accepted Mayor Robert Taylor's motion to construct a gazebo in City Park, providing that no City funds were used for the project.

Supplemental Information:

In order to facilitate the administration of this project, staff will adjust the expenditure budget as donations continue to be received, with a maximum expenditure budget equal to the amount of donations received. In no circumstances would current City funds be utilized for 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 beginning in FY 2018/19.

PROJECT FINANCING	CURRENT		PROPOSED					TOTAL
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design	1,077						\$ 1,077	
90050 Construction		6,423					\$ 6,423	
TOTAL	\$ 1,077	\$ 6,423					\$ 7,500	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Other	1,077	6,423						\$ 7,500
TOTAL	\$ 1,077	\$ 6,423						\$ 7,500

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:	2017/18
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	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design	42,368						\$ 42,368	
90050 Construction	368,363	32,153					\$ 400,516	
90070 Project Administration	7,116						\$ 7,116	
TOTAL	\$ 417,847	\$ 32,153					\$ 450,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47 - Var Development Impact Fees	417,847	32,153						\$ 450,000
TOTAL	\$ 417,847	\$ 32,153						\$ 450,000

Project Title:

Project #:

Financial Software

337-31140



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	M. Hamblin
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$25,403
Public Art Requirement:	Exempt

Description/Justification:

The Financial software integrates City systems with the accounting system. The inclusion of applicant online, personnel action forms as well as leave requests, will improve these areas by creating efficiencies and streamlining the process. The workflow component will automate the approval processes citywide and adds imaging capabilities. As software updates occur, ongoing training for staff will be needed. The current report writing as well as approval processes will be streamlined citywide.

Supplemental Information:

This project has funded the implementation of IFAS, IFAS Payroll, the Financial Dashboard, OneSolution financial application, NEOGov applicant online and the financial reporting tool, Chameleon. Chameleon provides enhanced report writing capabilities and will streamline the budgeting process. Applicant online, personnel action forms and leave request modules will be implemented. Future annual O&M costs will be used for updates and the annual maintenance contract, both of which will be budgeted through the Information Systems Replacement Fund.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	40,440						\$ 40,440	
90050	Construction	417,524	223,966					\$ 641,490	
90070	Project Administration	993,070						\$ 993,070	
TOTAL		\$ 1,451,034	\$ 223,966					\$ 1,675,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47703	Replacement - Information Systems	1,451,034	223,966						\$ 1,675,000
TOTAL		\$ 1,451,034	\$ 223,966						\$ 1,675,000

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. Campero
Project Priority:	1C - Mandatory
Project Phase:	Design
Est. Completion Date:	2020/21
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 addition fire facility within the City.

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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040 Planning and Design	333,602				50,000		\$ 383,602	
90050 Construction	12,500				4,858,000		\$ 4,870,500	
90070 Project Administration	351,295				486,000		\$ 837,295	
TOTAL	\$ 697,397				\$ 5,394,000		\$ 6,091,397	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47257 Fire Fees	697,397					5,394,000		\$ 6,091,397
TOTAL	\$ 697,397					\$ 5,394,000		\$ 6,091,397

Project Title:

Project #:

Fire Station #54 (Replace Downtown)

337-37100



Project Category:	Community Facilities Improvements
Location:	North side of East Sand Creek Road, West of Garin Parkway
Project Manager:	J. Campero
Project Priority:	1C - Mandatory
Project Phase:	Preliminary
Est. Completion Date:	2021/22
Future Annual O&M Impact:	\$0
Public Art Requirement:	Applicable

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.

Supplemental Information:

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.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design					588,000		\$ 588,000	
90050	Construction						5,876,000	\$ 5,876,000	
90070	Project Administration						588,000	\$ 588,000	
TOTAL						\$ 588,000	\$ 6,464,000	\$ 7,052,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
Unfunded - Fire Fees							588,000	6,464,000	\$ 7,052,000
TOTAL							\$ 588,000	\$ 6,464,000	\$ 7,052,000

Project Title:

Project #:

License Plate Reader System - Phase II



Project Category:	Community Facilities Improvements
Location:	Citywide
Project Manager:	T. Herbert
Project Priority:	1E - Mandatory
Project Phase:	New
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$13,500
Public Art Requirement:	Exempt

Description/Justification:

It has been recognized that the use of LPR cameras are an excellent tool to prevent crime and assist in criminal investigations. The City of Brentwood currently has 18 LPR cameras in operation as a pilot program. These LPR cameras have scanned 3,668,559 license plates since they were installed on July 7, 2016. As a result of these scans there have been 35 stolen vehicles recovered and 23 arrests have been made. Additionally the LPR system has assisted in several cases that were not related to stolen vehicles. Based on these results the City of Brentwood would like to expand the program to increase the number of fixed and mobile LPRs.

Supplemental Information:

Financing for this project consist of funds set aside in the General Fund from the Emergency Preparedness Fund.

PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction		250,000					\$ 250,000	
TOTAL			\$ 250,000					\$ 250,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund			250,000					\$ 250,000
TOTAL				\$ 250,000					\$ 250,000

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:	Design
Est. Completion Date:	2018/19
Future Annual O&M Impact:	\$223,000
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. The Phase I Library project consisted of a 5,000 sq. ft. interim facility. 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 new bonds utilizing the BIFA savings generated by the 2014 A&B bond refinance. The City has been assured by the Library that there will be no increase in staffing hours to operate the new library. This is a multi-year project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	50,000	25,000					\$ 75,000	
90040	Planning and Design	994,885	221,541	100,000				\$ 1,316,426	
90050	Construction	3,155,115	8,163,063	300,000				\$ 11,618,178	
90070	Project Administration	300,000	190,396					\$ 490,396	
TOTAL		\$ 4,500,000	\$ 8,600,000	\$ 400,000				\$ 13,500,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47 - Var	Bond Proceeds	4,500,000	4,844,885	3,755,115	400,000				\$ 13,500,000
TOTAL		\$ 4,500,000	\$ 4,844,885	\$ 3,755,115	\$ 400,000				\$ 13,500,000

Project Title:

Project #:

Municipal Service Center

337-37206



Project Category:	Community Facilities Improvements
Location:	2201 Elkins Way
Project Manager:	J. Samuelson
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
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 Fees funding of \$254,480; and \$50,000 each from Solid Waste, Water, and Wastewater Enterprises. 2015 Lease Financing will fund the balance of the project.

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal	20,480						\$ 20,480	
90040	Planning and Design	528,000						\$ 528,000	
90050	Construction	70,000	4,330,000					\$ 4,400,000	
90070	Project Administration		456,000					\$ 456,000	
TOTAL		\$ 618,480	\$ 4,786,000					\$ 5,404,480	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47256	Development Impact Fees	254,480							\$ 254,480
47 - Var	Enterprise	150,000							\$ 150,000
47 - Var	Bond Proceeds	214,000	4,312,579	473,421					\$ 5,000,000
TOTAL		\$ 618,480	\$ 4,312,579	\$ 473,421					\$ 5,404,480

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:	2021/22
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. However, the current franchise agreement with Comcast requires them to provide funding for equipment, operational set-up and staffing of the PEG channels.

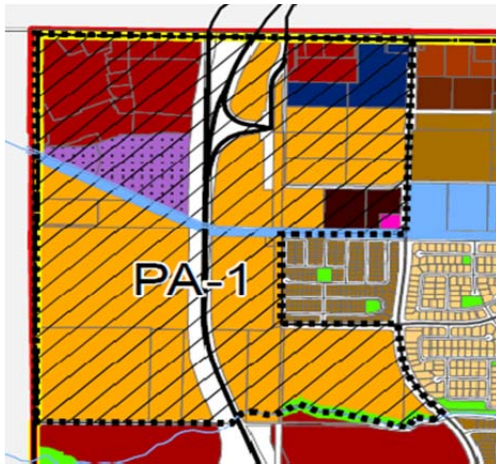
PROJECT FINANCING		CURRENT		PROPOSED					
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal						50,000	\$ 50,000	
90040	Planning and Design						400,000	\$ 400,000	
90050	Construction						340,000	\$ 340,000	
90070	Project Administration						50,000	\$ 50,000	
TOTAL							\$ 840,000	\$ 840,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47285	PEG Media							840,000	\$ 840,000
TOTAL								\$ 840,000	\$ 840,000

Project Title:

Project #:

Specific Plan for Priority Area 1

337-37246



Project Category:	Community Facilities Improvements
Location:	365 acres along both sides of Highway 4, between Lone Tree Way and Sand Creek Road
Project Manager:	C. McCann
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$0
Public Art Requirement:	Exempt

Description/Justification:

A specific plan and zoning ordinance for Priority Area 1, the area identified by the General Plan as the City's highest priority area for the creation of future jobs, business parks and regional retail, complemented with a regional transit facility and possibly a future eBART transit village. The project will be completed by planning and environmental consultants approved by the City Council. Work products will include a specific plan, zoning ordinance and project level environmental impact report. This project is Strategic Initiative 4.1.b., part of the City's Strategic Plan for FY 2016/17 and FY 2017/18. The City Council recognized this project as important for including a public outreach process and preparing a plan for defining the City's policies and regulations for development within Priority Area 1.

Supplemental Information:

None

PROJECT FINANCING		CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES		Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90040	Planning and Design	250,000	250,000					\$ 500,000	
90070	Project Administration	25,000	25,000					\$ 50,000	
TOTAL		\$ 275,000	\$ 275,000					\$ 550,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund	275,000		275,000					\$ 550,000
TOTAL		\$ 275,000		\$ 275,000					\$ 550,000

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:	2017/18
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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050	Construction	200,000	40,000					\$ 240,000	
TOTAL		\$ 200,000	\$ 40,000					\$ 240,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47703	Replacement - Information Systems	200,000	40,000						\$ 240,000
TOTAL		\$ 200,000	\$ 40,000						\$ 240,000

Project Title:

Project #:

Veterans Park Gazebo



Project Category:	Community Facilities Improvements
Location:	3841 Balfour Rd
Project Manager:	J. Campero
Project Priority:	1E - Mandatory
Project Phase:	Design
Est. Completion Date:	2017/18
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 beginning in FY 2018/19.

PROJECT FINANCING	CURRENT		PROPOSED					TOTAL
	Prior	2017/18	2018/19	2019/20	2020/21	2021/22		
PROJECT EXPENDITURES								
90040 Planning and Design								
90050 Construction								
TOTAL								
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Other								
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:	2018/19
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 2017/18. 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 is Strategic Initiative 5.1.c., part of the 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. 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	2017/18	2018/19	2019/20	2020/21	2021/22		
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		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
Other	14,317	1,877,727	1,907,956	3,400,000				\$ 7,200,000
TOTAL	\$ 14,317	\$ 1,877,727	\$ 1,907,956	\$ 3,400,000				\$ 7,200,000

Project Title:

Project #:

WiFi Program - Phase II

337-37235



Project Category:	Community Facilities Improvements
Location:	Sunset Park and Public Works Facilities
Project Manager:	Y. Cho
Project Priority:	2C - Necessary
Project Phase:	Construction
Est. Completion Date:	2017/18
Future Annual O&M Impact:	\$10,000
Public Art Requirement:	Exempt

Description/Justification:

Enhance the City's WiFi to better serve the public in the City of Brentwood. This project is Strategic Initiative 6.3.a., part of the City's Strategic Plan for FY 2016/17 and FY 2017/18.

Supplemental Information:

Funding for this project will come from the Information Systems Replacement Fund in the amount of \$95,000, the Wastewater Enterprise Fund in the amount of \$20,000 and the Solid Waste Enterprise Fund in the amount of \$20,000.

PROJECT FINANCING	CURRENT		PROPOSED				TOTAL	
PROJECT EXPENDITURES	Prior	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
90050 Construction	125,000	10,000					\$ 135,000	
TOTAL	\$ 125,000	\$ 10,000					\$ 135,000	
PROJECT FUNDING	Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
	Funded	Carryover						
47 - Var Enterprise	40,000							\$ 40,000
47703 Replacement - Information Systems	85,000	10,000						\$ 95,000
TOTAL	\$ 125,000	\$ 10,000						\$ 135,000

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:	2020/21
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.

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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL	
70239	Legal				12,500	12,500		\$ 25,000	
90040	Planning and Design				150,000	150,000		\$ 300,000	
90070	Project Administration				12,500	12,500		\$ 25,000	
TOTAL					\$ 175,000	\$ 175,000		\$ 350,000	
PROJECT FUNDING		Prior		2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
		Funded	Carryover						
47100	General Fund					175,000	175,000		\$ 350,000
TOTAL						\$ 175,000	\$ 175,000		\$ 350,000

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.

Amber Lane Improvements - Phase II

Project Manager: J. Dhaliwal

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 Jeffrey 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 update 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.

American Avenue Extension

Project Manager: J. Dhaliwal

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.

Anderson Lane Widening

Project Manager: J. Dhaliwal

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 1680 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.

Armstrong Road Extension West

Project Manager: J. Dhaliwal

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; sidewalk and landscaping on each side from Walnut Boulevard westerly to Date Nut Street. 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.

Balfour Road Widening West

Project Manager: J. Dhaliwal

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.

Barrington Neighborhood Parks

Project Manager: D. Hill

Location:

Subdivision 8548, north and south of E. Sand Creek Road, east and west of Garin Parkway

Description/Justification:

Reimbursable park spaces, totaling 6.91 acres, and development of the master planned landscape and trail in the East Bay Municipal District right-of-way. This project fulfills the need for neighborhood parks as specified in the Parks, Trails and Recreation Master Plan. This is a condition of approval for Subdivision No. 8548. 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.

Capital Parkway

Project Manager: J. Dhaliwal

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.

Empire Avenue Extension North - Phase II

Project Manager: J. Dhaliwal

Location:

Empire Avenue from Lone Tree Way to Railroad Crossing

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. This project is also needed to induce economic development in the area and 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.

Empire Avenue Extension South - Phase III

Project Manager: J. Dhaliwal

Location:

Empire Avenue from Shady Willow Lane to State Route 4

Description/Justification:

Roadway improvements consisting of two-lane, high-volume collector street sections, with 96' right-of-way, for approximately 1,900' in length consisting of 14' lanes; a bike lane with 24' storm drain; 16' median; existing 12" water line; 8" non-potable water line; existing 12" sanitary sewer; sidewalk with landscaping and walls on both sides of the roadway and updating existing improvements per the latest ADA Standards. Remaining portion of the work includes 1160' widening of existing road and 740' of full improvements on a new portion of the road. This project is necessary to improve traffic flow and accommodate adjacent business park development. A portion of these improvements have been constructed by Brighton Station development, Subdivision No. 8601. The remaining improvements for 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.

Fairview Avenue Improvements - Phase VII

Project Manager: J. Dhaliwal

Location:

Fairview Avenue from Grant Street to approximately Fairview Court

Description/Justification:

Complete the widening of existing Fairview Avenue for 1800 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.

Fairview Avenue Improvements - Phase VIII

Project Manager: J. Dhaliwal

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.

Fairview Avenue Non-Potable Water Line

Project Manager: J. Dhaliwal

Location:

On Fairview Avenue between Roddy Ranch Pump Station and John Muir Parkway

Description/Justification:

This project will complete the missing sections of non-potable water lines and construction will satisfy Conditions of Approval for Vineyards development. The construction consists of 910 feet of 12" non-potable water line south Balfour from Roddy Ranch Pump Station to Baldwin Drive and 1900 feet 12" non-potable water line north of John Muir Parkway connection point. This project is necessary for irrigation of Vineyards development landscaping, parks and vineyards. These improvements are necessary to satisfy the irrigation needs of the Vineyards Development, as well as the conditions of approval for Subdivision No. 8796. This project is part of the developer's conditions of approval and will be funded by the developer.

Heidorn Ranch Road - Phase II

Project Manager: J. Dhaliwal

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.

John Muir Parkway Widening

Project Manager: J. Dhaliwal

Location:

John Muir Parkway from Eagle Rock Avenue southerly to 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.

Lone Tree Way Sewer Interceptor

Project Manager: J. Dhaliwal

Location:

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

Description/Justification:

Install 2200' 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.

Lone Tree Way Widening

Project Manager: J. Dhaliwal

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.

Lone Tree Way Widening - Brentwood Boulevard

Project Manager: J. Dhaliwal

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.

Marsh Creek Road Widening

Project Manager: J. Dhaliwal

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.

Minnesota Avenue Realignment

Project Manager: J. Dhaliwal

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.

Minnesota Avenue Widening

Project Manager: J. Dhaliwal

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.

Northeast Annexation Infrastructure

Project Manager: J. Dhaliwal

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.

O'Hara Avenue Improvements

Project Manager: J. Dhaliwal

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.

O'Hara Avenue Widening

Project Manager: J. Dhaliwal

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.

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 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.

San Jose Avenue Extension - Phase II

Project Manager: J. Dhaliwal

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.

Sand Creek Road Extension - West of State Route 4

Project Manager: J. Dhaliwal

Location:

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

Description/Justification:

Extend San Jose Avenue approximately 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.

Sand Creek Road Improvements - Phase II

Project Manager: J. Dhaliwal

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.

Sellers Avenue Widening

Project Manager: J. Dhaliwal

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.

Sellers Avenue Widening - Phase II

Project Manager: J. Dhaliwal

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 once 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.

Sellers Avenue Widening - Phase III

Project Manager: J. Dhaliwal

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 once 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.

Shady Willow Lane Extension - Phase II

Project Manager: J. Dhaliwal

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.

Shady Willow Lane Widening

Project Manager: J. Dhaliwal

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.

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 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. Dhaliwal

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.

Sycamore Avenue Improvements - Sellers Avenue

Project Manager: J. Dhaliwal

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.

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 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 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.



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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

BFAC - Brentwood Family Aquatic Complex

CCWD – Contra Costa Water District

CFD – Community Facilities District

CIFP – Capital Improvement Financing Program

CIP – Capital Improvement Program

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

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 Revolving Fund

SWTS – Solid Waste Transfer Station

TDA – Transportation Development Act

ULL – Urban Limit Line

VDI – Virtual Desktop Infrastructure

WWTP – Wastewater Treatment Plant

VFD – Variable Frequency Drive

VoIP – Voice over IP

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, 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.

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.

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

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).

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.
- 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 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** – 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 fees collected for the administration of the Public Art Program.
- 268 Public Art Acquisition** – This fund accounts 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.
- 270 Arts Commission** – This fund accounts for revenues and expenditures associated with the Arts Commission. This fund will be closed as of June 30, 2017.
- 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 Access, Educational and Governmental (PEG) television channels provided for the citizens of Brentwood.
- 286 Parks Advertising** – This fund accounts for the funding to enhance the amenities at the Sunset Athletic Complex, the Brentwood Family Aquatic Complex and the Brentwood Skate Park, as well as the funding to publish and distribute the Parks and Recreation Activities Guide.
- 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 to 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 street 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 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 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 CIPF bonds and their use to acquire and construct certain capital facilities and infrastructure.
- 391 Drainage Improvements** – This fund accounts for various drainage improvement projects associated with either the upgrade or replacement of the City's storm drain collection system.
- 392 Capital Infrastructure** – Under the oversight of the Capital Improvement Program (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.
- 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 and impact fees.
- 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 and impact fees.
- 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.

- 700 Emergency Preparedness** – This fund accounts for funding for public safety related projects, strategic initiatives and other expenditures. This fund will be closed as of June 30, 2016.
- 701 Information Services** – This fund accounts for funding of the development and coordination of the City’s information systems’ needs.
- 702 Equipment Replacement** – This fund accounts for vehicle and equipment replacement.
- 703 Information Systems Replacement** – This fund accounts for information systems replacements, such as computers and the phone system.
- 704 Facilities Replacement** – This fund accounts for repairs or the replacement of City facilities.
- 705 Tuition** – This fund accounts for expenditures related to continuing education.
- 706 Fleet Maintenance Services** – This fund accounts for the maintenance of all City vehicles, except for Police Department vehicles.
- 707 Facilities Maintenance Services** – This fund accounts for maintenance and repairs of City facilities.
- 708 Parks and LLAD Replacement** – This fund accounts for the replacement of landscaping, equipment and facilities in the Citywide Parks and Landscape and Lighting Assessment Districts (LLAD).
- 709 Insurance** – This fund accounts for future insurance costs and unforeseen expenses due to legal matters or lawsuits.
- 710 Pension/Other Post-Employment Benefits (OPEB) Obligation** – This fund accounts for the intermediate-term funding of OPEB and pension expenses.

Index By Project Title (Alphabetical)

Project Title	Page #	Project #	Total Cost	Category
Agricultural Park and History Center	56	52401	\$ 1,312,000	Parks and Trails Improvements
Apple Hill Drive Sewer Diversion	94		588,000	Wastewater Improvements
Aquatic Complex Locker Rooms Remodeling	57		400,000	Parks and Trails Improvements
Aquatic Complex Pool Plastering	58		350,000	Parks and Trails Improvements
Aquatic Complex Slide Replacement	59		300,000	Parks and Trails Improvements
Aquatic Complex Water Play Structures Replacement	60		300,000	Parks and Trails Improvements
Brentwood Boulevard and Guthrie Lane Traffic Signal	34	31600	300,000	Roadway Improvements
Brentwood Boulevard Sewer and Water Main	78	56392	3,400,000	Water Improvements
Brentwood Boulevard Widening - South	38	31610	8,600,000	Roadway Improvements
Brentwood Boulevard Widening North - Phase I	35	31620	6,700,000	Roadway Improvements
Brentwood Boulevard Widening North - Phase II	36		9,500,000	Roadway Improvements
Brentwood Boulevard Widening North - Phase III	37		10,500,000	Roadway Improvements
Brentwood Various Streets and Road Preservation	39		1,869,000	Roadway Improvements
Canal Replacement Cost Share	79		6,213,395	Water Improvements
CCWD Trail	61		161,283	Parks and Trails Improvements
City Fiber Optic Connection	108	37237	1,100,000	Community Facilities Improvements
City Hall Automatic Transfer Switch	109		215,000	Community Facilities Improvements
City Phone System Upgrade	110	37226	400,000	Community Facilities Improvements
Citywide Gateway Monuments "4-Corners"	111	37244	786,383	Community Facilities Improvements
Citywide Non-Potable Water Distribution System	95		4,531,000	Wastewater Improvements
Citywide Overhead Utility Replacement	40	31630	230,000	Roadway Improvements
Citywide Sign/Identification Program	112	37207	130,000	Community Facilities Improvements
Citywide Traffic Signal Interconnect Program	41	31500	574,000	Roadway Improvements
Community Build-Out Plan	113	37245	300,000	Community Facilities Improvements
Community Gazebo	114	37247	7,500	Community Facilities Improvements
Development Services Software	115	37197	450,000	Community Facilities Improvements
Downtown Alley Rehabilitation	80		7,000,000	Water Improvements
Empire Avenue and Amber Lane Traffic Signal	42		414,000	Roadway Improvements
Empire Avenue Elementary School/Park - Phase II	62		2,595,990	Parks and Trails Improvements
Financial Software	116	31140	1,675,000	Community Facilities Improvements
Fire Station #53 (Shady Willow)	117	37030	6,091,397	Community Facilities Improvements
Fire Station #54 (Replace Downtown)	118	37100	7,052,000	Community Facilities Improvements
Garin Park Playground Replacement	63		300,000	Parks and Trails Improvements
Gregory Lane and Sunrise Drive Drainage Improvements	43		1,470,000	Roadway Improvements
Homecoming Park Playground Replacement	64		300,000	Parks and Trails Improvements
John Muir Parkway Extension - Phase II	45	31683	5,070,000	Roadway Improvements
John Muir Parkway Extension/Foothill Drive - Phase I	44	31640	5,603,757	Roadway Improvements
Joint Use Sport Fields - LUHSD	65		11,500,000	Parks and Trails Improvements
LED Street Light Conversion - Phase II	46	31690	513,000	Roadway Improvements
License Plate Reader System - Phase II	119		250,000	Community Facilities Improvements
Library - New Construction	120	37241	13,500,000	Community Facilities Improvements
Loma Vista Park Playground Replacement	66		265,000	Parks and Trails Improvements
Page Subtotal <i>(Includes Prior and Future Costs)</i>			<u>\$ 122,817,705</u>	

Index By Project Title (Alphabetical)

Project Title	Page #	Project #	Total Cost	Category
Lone Tree Way - Union Pacific Undercrossing	47	31340	\$ 27,057,212	Roadway Improvements
Marsh Creek Sewer Constriction Upgrade	96		375,000	Wastewater Improvements
McClarren Park Improvements - Phase II	67		350,000	Parks and Trails Improvements
Miwok Park Playground Replacement	68		200,000	Parks and Trails Improvements
Municipal Service Center	121	37206	5,404,480	Community Facilities Improvements
Non-Potable Storage Facility	97	59198	8,123,500	Wastewater Improvements
Oak Street and Garin Parkway Traffic Signal	48		300,000	Roadway Improvements
Parks, Trails and Recreation Master Plan Update	69	52426	150,000	Parks and Trails Improvements
Pavement Management Program - 2017	49	30837	1,663,910	Roadway Improvements
Pavement Management Program - 2018	50		1,583,177	Roadway Improvements
Pavement Management Program - Future	51		6,322,363	Roadway Improvements
PEG Cable TV Access	122		840,000	Community Facilities Improvements
Priority Area 1 Infrastructure Improvements	52		7,500,000	Roadway Improvements
Purchase of Capacity Rights	81	56396	8,353,100	Water Improvements
Reservoir Painting and Coating	82	56398	1,676,420	Water Improvements
Sand Creek Park - Phase II	70		3,556,000	Parks and Trails Improvements
Secondary Non-Potable Water Storage Facility	98		4,200,000	Wastewater Improvements
Sensus AMR System Upgrade	83	56397	1,025,000	Water Improvements
Specific Plan for Priority Area 1	123	37246	550,000	Community Facilities Improvements
Sport Court Lighting	71	52428	231,000	Parks and Trails Improvements
Sunset Field Natural Turf Improvement	72		300,000	Parks and Trails Improvements
Surveillance Camera and Storage System Upgrade	124	37238	240,000	Community Facilities Improvements
Underground Water System Corrosion Mitigation	84	56320	200,000	Water Improvements
Veterans Park Gazebo	125		-	Community Facilities Improvements
Vineyards at Marsh Creek - Event Center/Amphitheater	126	37231	7,200,000	Community Facilities Improvements
Wastewater Treatment Plant Biofilter Media Replacement	99		200,000	Wastewater Improvements
Wastewater Treatment Plant Effluent Chloride Compliance	100	59200	4,000,000	Wastewater Improvements
Wastewater Treatment Plant Groundwater Well Abandonment	101		170,000	Wastewater Improvements
Wastewater Treatment Plant - Phase II Expansion	102	59140	55,451,000	Wastewater Improvements
Wastewater Treatment Plant Security	103		400,000	Wastewater Improvements
Water and Wastewater SCADA System Upgrade	85		1,400,000	Water Improvements
Water Distribution System Blending Facility	86		8,495,000	Water Improvements
Water Storage Capacity at Los Vaqueros Reservoir	87	56399	6,400,000	Water Improvements
Water Treatment Plant Chemical Storage Tank Relining	88		1,134,000	Water Improvements
Water Treatment Plant Filter Media Replacement	89		1,150,000	Water Improvements
WiFi Program - Phase II	127	37235	135,000	Community Facilities Improvements
Windsor Way Park Expansion	73		127,437	Parks and Trails Improvements
Windsor Way Park Playground Replacement	74		130,000	Parks and Trails Improvements
Zone I Equalization Storage Reservoirs	90	56380	5,012,605	Water Improvements
Zoning Ordinance Update	128	37228	350,000	Community Facilities Improvements
Page Subtotal (Includes Prior and Future Costs)			<u>\$ 171,956,204</u>	
Total City Projects (Includes Prior and Future Costs)			<u>\$ 294,773,909</u>	



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