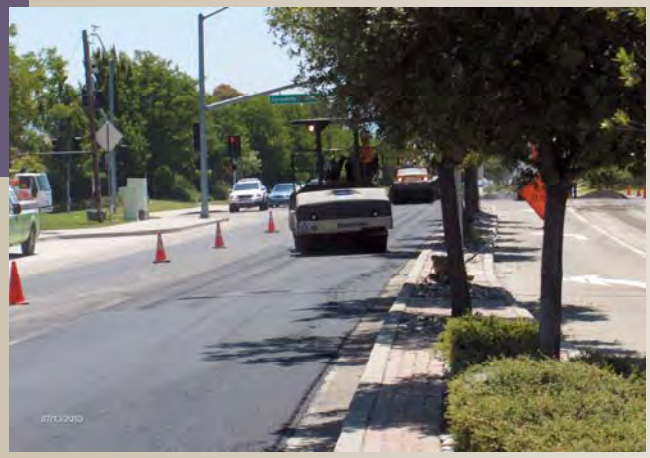
Fiscal Years 2015-16 through 2016-17



20 Year Capital Improvement Plan
with Appropriations for FY2015-16 and FY2016-17

LIVERMORE
CALIFORNIA

City of Livermore
California

20-Year Capital Improvement Plan
With Appropriations for
FY 2015-2016 and FY 2016-2017

Livermore City Council

John Marchand, Mayor
Laureen Turner, Vice Mayor
Stewart Gary, Councilmember
Steven Spedowfski, Councilmember
Bob Woerner, Councilmember

Administrative Personnel

Marc Roberts, City Manager
Jenny Haruyama, Assistant City Manager
Stephan Kiefer, Director of Community and Economic Development
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Cheri Sheets, City Engineer
Michael Cavalieri, Assistant City Engineer
Joel Waxdeck, Senior Civil Engineer

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OVERVIEW

The Capital Improvement Program (CIP) is a both a fiscal and planning tool which identifies capital improvement projects, provides a schedule for the projects, and identifies funding sources and financing options. Typical capital improvement projects include construction, maintenance, and improvements to public facilities, including infrastructure; acquisition of land; and major equipment.

The CIP Budget document is one of two volumes of the City's Budget. The CIP Budget presents a schedule of major public facility improvements which will be implemented over the next 20 years. Specific appropriations are made for the current two-year budget cycle, with information on intermediate range plans over a 2-year period and long range plans in "out-years" included for reference.

A number of considerations are applied when identifying the projects of the current CIP Budget, including;

- Consistency with the General Plan
- Consistency with City Council adopted master plans
- Consistency with other formal long-range plans adopted by Council
- Recommendations of the Council and Commissions
- Input from residents and business owners
- State, Federal, or other legal mandates
- Potential impact to the operating budget
- Benefit to the community
- The need to mitigate health or safety issues

CONTENTS OF CIP BUDGET

SECTION 1 - Table of Contents

SECTION 2 - How to Use this Document

SECTION 3 Executive Summary
Provides information on resources and expenditures for projects funded in the current two-year budget cycle as well as information on intermediate range plans over a 2-year period and long range plans in "out-years" included for reference. Contains Text, tables and graphics to display resources, project costs and other information. Includes Council resolution approving the capital budget and the accompanying staff report.

SECTION 4-19- Project Category Sections
Provides CIP Budget detail and project description pages for each capital improvement project. Includes a summary chart showing category expenditures for each of the sixteen project categories .

SECTIONS 20–22 - Project Revenue/Project Expenditures/ Fund Balances
Provides a description of major revenue sources with projected and past revenues (Section 20). Provides a summary of all projects listed by fund source and department program (Section 21). Includes a chart listing of all fund names and fund balance summaries (Section 22).

SECTION 23 - Appendix
Presents the CIP projects listed first alphabetically by name, and then by project number. Includes a reference to the project's summary information sheet page number. Includes a Glossary of Terms, and the Planning Commission's resolution for Determination of Consistency with the General Plan.

PROJECT CATEGORY ORGANIZATION

Each of the project category sections are organized in a consistent way and have the following content and order of presentation:

1. Introductory Comments—Summarizes comments about the project program

2. Programmed Project List—Lists CIP Project numbers, project names, and expenditures for all capital projects within the project category.

3. Project Map—Indicates project locations on a map

4. Project Description Pages– Provides detailed project information including the budget and schedule for each project in the category (see below)

PROJECT DESCRIPTION PAGES

A project description page has been created for each project in the CIP Budget. Each page includes a table showing the project cost estimate and funding sources, as well as project information. The following is a brief description of the items included on the project description pages:

CIP Name The name of the project being described

CIP Number The number assigned to the project

Project Location The general location of the project. In some cases the project is City-Wide

Project Sponsor The lead City Department preparing the proposed budget request for the Capital Improvement Program Budget

Project Status The status of the project is listed as either not started, preliminary design, final design, in progress, or completed

Project Description Describes the major physical features included in the project design

Project Justification Provides an explanation of why the project is important to the community and should be programmed and/or funded. Explains the benefit to the community the project will have when completed. Additionally explains why the projects funded in the current budget cycle were prioritized for immediate funding rather than being programmed in future years as lower priority projects

Project Funding Provides information relating to how the project is to be funded including special funding sources if any, and grant deadlines (if applicable)

O&M Cost Assumptions Operation and Maintenance costs are shown for those projects classified as “Capital Asset.”

Project Funding & Cost Estimate Table Provides the estimated costs of the project and funding accounts broken down by budget years. Also includes the O&M costs assumptions

Project Funding Sources

PROJECT PAGE EXAMPLE

Project Category

The Department Sponsoring Project

Airport

CIP Name: Airport Administration Building **CIP No:** 200711

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Completed

Project Description: This project replaces the existing administration building with a new 8,400 square foot building located on the north side of the Airport on Terminal Circle. Prior years funding is for planning and preliminary design. The FY14/15 activities are for final design and construction costs.

Why Project is Necessary

Funding Sources and Grant deadlines

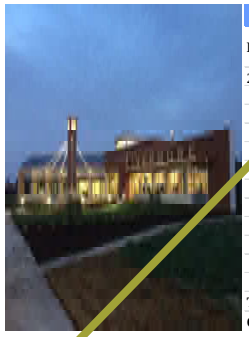
Project Justification: The existing "Dan Lee" Terminal building (built in 1969) provides inadequate office space, is plagued by repairs and is no longer cost effective to retain. A replacement building is needed with sufficient office space for airport administration as well as concession/office space and a restaurant.

Project Funding: $4 million of this project was funded from 2011 COP's.

Projected Costs and Funding by Fund and Fiscal Year

O&M Cost Assumptions: Maintenance and Operation costs of $39,000 per year include labor, mechanical, roofing, flooring, and painting needs.

Estimated Costs of Operating & Maintenance



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ 2,895,162	$ 3,056,894	$ -	$ -	$ -	$ -	$ -	$ 5,952,056
Total Funding:	**$ 2,895,162**	**$ 3,056,894**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 5,952,056**
O&M Cost Estimate:	**$ -**	**$ 39,000**	**$ 39,000**	**$ 39,000**	**$ 39,000**	**$ -**	**$ 624,000**	**$ 780,000**

The Accounts Project will be Funded from

Total Funding and Operating and Maintenance Cost by Fiscal Year

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June 1, 2015

EXECUTIVE SUMMARY AND ANALYSIS

The proposed 2015-2017 Capital Improvement Program includes an appropriation of $101,522,000 in expenditures over a two year period for Fiscal Years 2015-2016 and 2016-2017. Additionally, the Capital Improvement Program proposes revisions to funding for Fiscal Year 2014-2015. This document updates the 20-year Capital Improvement Plan with specific appropriations for Fiscal Years 2015-2016 and 2016-2017 and lays a foundation for the future two year appropriations in Fiscal Year 2017-2018 and Fiscal Year 2018-2019. The Capital Improvement Plan (CIP) budget is differentiated from the Operating budget in that it involves property acquisition, developer reimbursements, construction of public buildings, and rehabilitation and construction of major infrastructure, storm, water and sewer systems, transportation infrastructure, and other City infrastructure.

This 20-year Capital Improvement Plan lists all anticipated capital projects necessary to support our existing General Plan, Downtown Specific Plan, El Charro Specific Plan and Neighborhood Plan areas. As required by State law, the Planning Commission reviews the Capital Improvement Plan for consistency with the City's General Plan. This 20-year Capital Improvement Plan is really a planning tool for the City Council, and should be used to set capital priorities over the next several years. Over the twenty-year life of the document, it is anticipated that priorities and projects will change, particularly in later years of the Plan. In addition, funding sources will need to be identified for some projects in the later years of the Plan. Funding will depend on available fiscal resources and other cyclical factors that are difficult to predict far in advance. The 20-year Capital Improvement Plan is a blueprint for the future, but it is flexible enough for change as the Council reviews it every other year.

To guide planning of the Program, this budget document looks at three different time frames. Immediate priorities are reflected through appropriation of funding for projects in the first two-year time frame. Intermediate range priorities are reflected by planning shown in the following two years after the first two-years. The third and fourth-year time frame will serve as a guide for the next two-year Capital Improvement Program budget. Long-range planning priorities for the remaining sixteen-year balance of the 20-year Capital Improvement Plan are shown in the budget document.

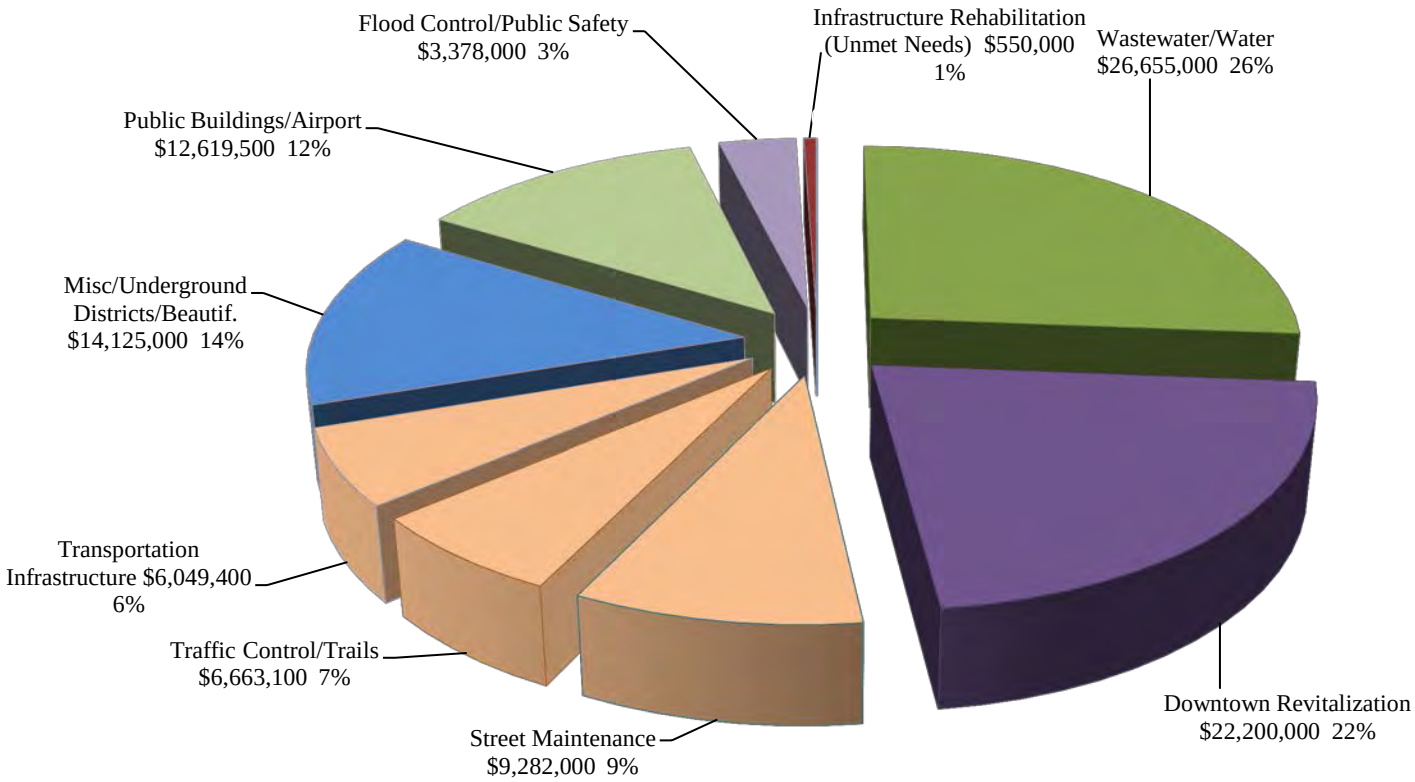
For Government funds, the budget is prepared on a modified accrual basis consistent with Generally Accepted Accounting Principles. Enterprise and Internal service funds are budgeted on an accrual basis of accounting with the exception of capital assets which are budgeted on a modified accrual basis of accounting. As appropriate, project estimates are adjusted to reflect the cost of living using the Engineering News Record San Francisco Bay Area 20 City Construction Cost index.

DISCUSSION

Appropriations for all Capital Improvement Program projects total $101,522,000 for Fiscal Years 2015-2016 and 2016-2017. The revised amount for Fiscal Year 2014-2015 is $32,293,570 and represents a decrease of $20,905,616 (39.0%) over the adjusted estimate done for the budget update for Fiscal Year 2014-2015. The reduced expenditures in Fiscal Year 2014-2015 are primarily due to project timing adjustments for Wastewater projects, State Route 84 Undergrounding, the Citywide Decorative Wall and Airport projects.

Details of priorities and funding for each project category/program area are contained in an introduction to each program section in the Capital Improvement Program budget. Figure 1 summarizes project spending by program type for Fiscal Years 2015-2016 and 2016-2017.

FIGURE 1: CAPITAL SPENDING BY PROGRAM TYPE



The largest areas of expenditures for the CIP include Wastewater/Water Facilities, Downtown Revitalization and Transportation Expenditures which include Transportation Infrastructure, Traffic Control/Trails and Street Maintenance. Together these areas account for approximately 70% of the two-year budget total for Fiscal Years 2015-16 and 2016-17.

Wastewater/Water project expenditures are the largest expenditure area with approximately 26% of the total proposed CIP budget or $26.6 million in the two-year budget. The major projects include the Water Reclamation Plant (WRP) Electrical Distribution Improvements; Cogeneration at the WRP; WRP Rehabilitation and Process Improvements; Annual Sewer Replacement; WRP Emergency Generator; and the Phase II WRP Aeration Tank Modifications.

Downtown Revitalization Projects are the second largest source of expenditures with approximately 22% of the total proposed CIP budget or $22.2 million over Fiscal Years 2015-16 and 2016-17. Some of the major expenditures include the Railroad Depot Relocation; Livermore Village Parking Garage land acquisition, design and construction; Livermorium Plaza at Mills Square Park; Railroad Avenue Parking Garage surface parking lot and the acquisition & improvements to First Street Paseos.

Overall transportation expenditures, including street maintenance, traffic control devices and new infrastructure total $22 million and make up 22% of the overall budget. Street Maintenance expenditures make up approximately 9% of the total proposed CIP budget or $9.3 million over Fiscal Years 2015-16 and 2016-17. Some of the major expenditures include City's Annual Street Resurfacing and Slurry Seal Programs; Annual Bridge Maintenance; Replacement of Curb, Gutter and ADA Access Ramps; and the City's Annual Sidewalk Repair Program. Traffic Control/Trail expenditures are approximately 7% of the total proposed CIP budget with $6.7 million in Fiscal Year 2015-16 and 2016-17. Major projects include Annual Traffic Signal Reconstruction/Modifications; new Traffic signal installation and a new Trail Segment connecting Portola Avenue to Campus Hill Drive under Highway I-580. Major Transportation Infrastructure Projects are approximately 6% of the total proposed CIP budget with $6.0 million in Fiscal Year 2015-16 and 2016-17. Major projects include the BART to Livermore Extension in the I-580 median (environmental and right-of-way work); West Jack London Boulevard Widening; Isabel Interchange (close out of environmental mitigation and right of way work); the El Charro Specific Plan Infrastructure; and construction of Phase II of the State Route 84 Widening Project between Ruby Hills Drive to north of Concannon Boulevard.

Miscellaneous/Underground District/ Beautification Projects represent approximately 14% of the total proposed CIP budget or $14.1 million over Fiscal Years 2015-16 and 2016-17. Some of the major projects include the continuation of placing clean, import fill material to restore the soil cap of the Raymond Road Landfill Rehabilitation; the Citywide Decorative Wall Replacement; Centralized Irrigation System controllers throughout the City and Park Facilities Fee Reimbursements. The State Route 84 Utility Undergrounding will underground existing overhead utilities along the east side of State Route 84 (Isabel Avenue) from Vineyard Avenue to approximately 1,000 feet north of Stanley Boulevard.

Public Buildings, Airport Project expenditures are also approximately 12% of the total proposed CIP budget with $12.6 million in Fiscal Year 2015-16 and 2016-17. Major projects include a new City Council Chambers, Airport Runway 7R/25L Overlay, Repainting and Lighting; completion of Fire Station No. 9 on Cordoba Street; Hagemann Farm Site Assessment and Renovation; Civic Center Library, Rincon Library and Police Facility Roof Repairs; Recoating of Building Exterior Insulation Finishing Systems and Electric Vehicle Charging Stations.

Over $3.3 million or roughly 3% of the proposed CIP budget is for Flood Control and Public Safety. The most notable projects are the Police Department's Computer Aided Dispatch System Upgrade; Citywide Culvert Outfall Project, Miscellaneous Storm Drain and Culvert Repairs; and the Arroyo Las Positas Airport Flood Control project.

Infrastructure Rehabilitation expenditures for unmet needs are approximately 1% of the total proposed CIP budget or $0.6 million in Fiscal Years 2015-16 and 2016-17. The Asset Management Plan project will inventory, map and assess the condition of all major underfunded infrastructure including probability and consequence of failure and estimate required maintenance and replacement costs.

Airport

The City operates a general aviation airport located southwest of State Route 84, Airway Boulevard, and I-580. The airport is operated as an independent enterprise fund. Airport projects in the 2015-17 Capital Improvement Program include a variety of projects to enhance airport operations. These projects include runway overlay and remarking, painting the north and south hangars, miscellaneous hangars, miscellaneous airport repair design services, airport water quality and storm water basins, airport long term parking improvements, airport pavement maintenance, airport industrial building roof repairs, and retrofit of minor facilities to comply with code requirements.

Airport projects are derived from the 2014 Airport Layout Plan. Funding for airport projects is provided from airport operating revenues, Federal Aviation Administration construction grants and from municipal Certificates of Participation (COPS).

Projects listed herein comply with the 2014 Airport Layout Plan, and the City's General Plan.

Downtown Revitalization Projects

The purpose of Downtown Revitalization Projects is to enhance the downtown economically and aesthetically. Expenditures shown in the 2015-17 Capital Improvement Program include relocation of the historic Southern Pacific Railway Depot building on the former Lucky's shopping center property to the Downtown Transit Center site. The other expenditures shown in the 2015-17 Capital Improvement Program are for land acquisition, design and construction of the Livermore Village Parking Garage; demolition of Downtown property to support the Livermore Village site; renovating Mills Square Park to include a new Plaza to commemorate the discovery of the new element "Livermorium"; design and construction of the Railroad Avenue surface lot and acquisition, consolidated waste disposal facilities, and improvements to First Street Paseos. Funding for a variety of projects such as infrastructure for the Livermore Village, downtown parking structures, downtown streetscape, and infill site acquisition are shown in future years.

Projects included in this programmatic area are consistent with the City's General Plan and Downtown Specific Plan. Projects are funded primarily through General Fund, Tax Allocation Bond Funds, federal grants, affordable housing funds, and public/private partnerships.

Golf Course

The City owns two golf course facilities: the Las Positas Golf Course north of the airport and the Springtown Golf Course on Bluebell Drive. The City operates Las Positas Golf Course through private contracts for services. The City is responsible for capital improvements. The Springtown Golf Course is leased and operated by a private entity and the private operator is responsible for capital investment. Both are treated as separate business entities for purposes of financing and constructing golf course improvements.

The only short term project included in this CIP is for replacement of the HVAC system at Beeb's. Other long term projects included in the out years of the 20-year Capital Improvement Plan at the Las Positas Golf Course include facility expansion and rehabilitation, irrigation and drainage improvements, safety and operations enhancements, handicap accessibility improvements, pump station upgrades, cart path upgrades, cart replacement, landscape rehabilitation and enhancements, fencing, restroom, and maintenance building improvements. Improvements are funded through golf course operating revenues.

Miscellaneous Projects

Miscellaneous projects include those projects that do not easily fit within one of the other Capital Improvement Plan programmatic categories. The most prominent projects within the 2015-17 Capital Improvement Program include the Raymond

Road landfill rehabilitation, and the Toyota Wetland Mitigation Project. Projects in this category are funded from a variety of sources including development impact fees, third party contributions and the General Fund.

Parks and Beautification

The objective of the Parks and Beautification programmatic areas is to improve, renovate, and enhance existing City maintained park areas, public spaces, roadways, and medians. Although the Livermore Area Recreation and Park District (LARPD) is the responsible agency for maintaining the park system in Livermore, there are a number of City owned properties as well as streetscapes that are constructed and maintained by the City. Projects that are funded in the 2015-17 Capital Improvement Program include the Citywide Decorative Wall Replacement, Centralized Irrigation System improvements, Carnegie Park Rehabilitation, Park Fee Update and Park Facility Fee Reimbursements.

Projects in future years of the 20-year Capital Improvement Plan include the upgrade of irrigation systems, landscape rehabilitation, median rehabilitation, fountain renovation, decorative backing lot wall replacement, tree inventory, and improvements to the City owned parcel along the Arroyo Mocho near Holmes Street. Projects are suggested by the Beautification Committee, the Planning Commission, the City Council, LARPD, neighborhood groups, and City staff. The primary funding source for Parks and Beautification projects is the General Fund, and Park in Lieu fees with augmentation by grant programs.

Projects listed herein comply with the goals and policies of the City's General Plan and Downtown Specific Plan and the Park Facilities Fee Study.

Public Buildings

A variety of Public Building projects are included in the 2015-17 Capital Improvement Program. They include demolishing and replacing the old Civic Center Library building with a new Council Chambers, completion of the new Fire Station No. 9 at Cordoba Street, Hagemann Farm site assessment and renovations, electric vehicle charging stations at various City facilities, building exterior resurfacing, assessment study of Central Plant Chiller and roof repairs/replacement at the Civic Center Library, Rincon Library and Police Building. Future public buildings proposed to be constructed, improved, or modified in the 20-year Capital Improvement Plan include a Police Facility renovation and expansion, fleet shop floor renovation, building upgrades to the Barn, citywide ADA building compliance, Central Plant chiller and cooling tower upgrades, historic property acquisition, carpet replacement for various City buildings, repairs and upgrades to the Bankhead Theater Building, City Hall water wall retrofit, and a new Springtown Branch library.

Improvements to facilities run by Enterprise Funds such as the Airport, municipal golf courses, and the Water Reclamation Plant are shown in the programmatic area for those facilities.

Projects are primarily funded by the General Fund, Facilities Rehab Program funds, and through City Certificates of Participation (COPs). Projects listed herein comply with the goals and policies of the City's General Plan and Downtown Specific Plan.

Public Safety Projects

The goal of this programmatic area is to enhance public safety through acquisition of major Police Department and Livermore/Pleasanton Fire Department equipment, public safety systems, and through construction of safety projects throughout the community. Expenditures which are shown in the 2015-17 Capital Improvement Program are for a Computer Aided Dispatch system at the Police Department to replace existing servers and related hardware/software. Projects in the 20-year Capital Improvement Plan are primarily funded by State grants, the General Fund, and through City Certificates of Participation.

Storm Drain Projects

The City maintains a storm drainage pipe system, flood control system including streams, culverts, and certain channel improvements. Zone 7 is the Flood Control Agency for the Tri-Valley however they only own and operate 1/3 of the total stream systems. The City owns and operates another 1/3 while the remaining 1/3 is under private ownership.

City Storm Drain projects in the 2015-17 Capital Improvement Program include a variety of projects to address existing drainage problems, maintenance work along the arroyos, and pay for the oversizing of storm drain transmission facilities needed by new development. The 20-year Capital Improvement Plan also plans for projects needed to complete major storm drain trunkline upgrades, and sedimentation removal and improvement work on City and privately owned arroyos and channels. Zone 7 can take over these facilities for maintenance once they are improved. Commitments in future years will be needed to maintain and improve the Arroyo Las Positas, Altamont Creek, the Arroyo Mocho and tributaries of all three arroyos.

Proposed Improvements are consistent with the City's 2009 Storm Drain Master Plan Update, the 2010 Storm Drain Connection Fee Study, Zone 7 Stream Management Master Plan and with the City's General Plan and Downtown Specific Plan. A portion of the funding for the remainder of the capacity enhancing projects is provided by the City storm drain development impact fee. Channel maintenance projects and improvement projects are proposed to be funded over time by the General Fund, or by other funding sources such as Federal/State grants and Zone 7 contributions.

Street Maintenance

This program area provides for the preservation and maintenance of existing transportation and pedestrian infrastructure throughout the City. Projects in this category include annual preventative street slurry seals, rehabilitative street overlays, annual sidewalk repair, ADA access ramp installations, curb and gutter replacement, median rehabilitation, street light upgrade and relocation, and miscellaneous street infrastructure repair and preventative maintenance.

It should be noted that the cost of preventative maintenance on streets is approximately 10% of the cost of street replacement, and the cost of rehabilitative maintenance is approximately 50% of the cost of street replacement. Without a preventative maintenance and rehabilitative program, the useful life of streets is typically less than 15 years. Following a regularly scheduled preventative maintenance and rehabilitative maintenance schedule on streets extends the useful life of the street. Depending on the frequency of preventative maintenance, street life can be extended for decades.

The primary funding sources for this program includes gas taxes, Measure B local funds, Refuse Vehicle Impact Fees, Federal/State Grants, and local vehicle registration fees. New Measure B2 funding is now dedicated for street maintenance in the amount of approximately $840,000 per year.

Traffic Control

Traffic control projects in the 2015-17 Capital Improvement Program provide for the safe and efficient movement of vehicles on the City's street network. Traffic signals, battery back-up system improvements, master traffic signal control system, intersection modifications and emergency vehicle preemption equipment are included in this program. The 20-year Capital Improvement Plan also plans for miscellaneous projects such as trail crossings, traffic striping and signing, electronic incident management and pedestrian crossings.

Projects are funded primarily from gas taxes, Measure B Local funding, and the Traffic Impact Fee. Projects are consistent with the City's General Plan and Downtown Specific Plan. Implementation of these projects will provide for a safer street system and will improve mobility within Livermore.

Trail, Bike, and Miscellaneous Street Projects

Projects in the Trail, Bike, and Miscellaneous Street Projects program will improve pedestrian and bicycle mobility and safety within Livermore. These projects provide trail and bike route connections leading to commercial activity, transit routes, schools, parks, and residential areas. They also provide recreational opportunities for Livermore citizens. Additionally, projects in this programmatic area fund major maintenance of bikeway and trailway facilities, extension of existing trails, and preparation of grant

applications. In the 2015-17 Capital Improvement Program funding is provided for Trail Segment connecting Portola Avenue to Campus Hill Drive under Highway I-580, a bike and pedestrian master plan update, and annual bike trail maintenance.

Projects in this category have been historically funded by Park in Lieu Fees, Measure B funds, and State and Federal grants. New Measure B2 funding is now dedicated for bikeway improvements in the amount of approximately $190,000 per year.

Projects included in the 2015-17 Capital Improvement Program are consistent with the City's Bikeways and Trails Master Plan, General Plan, Downtown Specific Plan, and El Charro Specific Plan.

Transportation Infrastructure

Transportation infrastructure projects in the 20-year Capital Improvement Plan include a variety of projects to address safety, capacity, access and mobility needs for various modes of travel. Capacity projects are needed to meet the City's adopted roadway level of service standards. These projects range from widening of existing roads to provide additional lanes, construction of new roadway segments, to expansion and construction of freeway interchanges. Major Transportation Infrastructure projects included in the 2015-17 Capital Improvement Program are for coordination efforts for high occupancy vehicle lanes and ramp metering within Livermore on Interstate 580, Phase III design of the El Charro Specific Plan Infrastructure, Isabel Interchange (close out of environmental mitigation and right of way work), BART to Livermore Extension (environmental and right-of-way work), widening West Jack London Boulevard to four lanes from Voyager Street to Isabel Avenue and for coordinating the design and construction of Phase II of the State Route 84 Widening Project between Ruby Hills Drive to Concannon Boulevard.

Street projects from the 2005 Update of the Traffic Impact Fee (TIF) Program serve as the primary basis for updating the transportation infrastructure element of the Capital Improvement Plan. Approximately 92% of the current budget's transportation projects are funded by TIF. Many of the smaller projects within the TIF program are constructed by new development, with the developers being credited or reimbursed through the traffic impact fee. Project description pages are shown for these developer constructed TIF projects.

High priority projects include the El Charro Specific Plan Infrastructure, BART to Livermore, Isabel Avenue/I-580 Interchange and the Widening of State Route 84 and West Jack London Boulevard. Future projects include Vasco Road Interchange, First Street, and Greenville Road Interchange improvements.

Projects listed herein comply with the goals and policies of the City's General Plan, Downtown Specific Plan, the City's Traffic Impact Fee Program, Alameda County Transportation Commission Measure B Transportation Plan, Tri-Valley Transportation Commission Plan, and applicable state and federal standards. Implementation of these projects will provide for a safer roadway system and will improve mobility within Livermore.

Undergrounding District/Rule 20A Projects

This program is for undergrounding of overhead utilities in order to enhance the aesthetics and safety of the community. In the 2015-17 Capital Improvement Program State Route 84 Undergrounding is the only project funded. This project is funded primarily using Rule 20A funds provided by P.G. & E and traffic impact fees for staff coordination time in administering this project in connection with the State Route 84 Widening Project. Future projects include North "L" Street, East Avenue, North Vasco Road, South "L" Street, and South Livermore Avenue.

Miscellaneous costs that are not legally allocable to Rule 20A funding are funded through gas taxes and the General Fund.

Wastewater

The City of Livermore operates a Water Reclamation Plant and sewer collection system. Wastewater projects in the 2015-17 Capital Improvement Program include a variety of projects to enhance the capacity of the City's sewer collection system and the recycled water system, to replace or repair existing deteriorating transmission pipes, and to perform repairs, rehabilitation, and upgrades to the electrical distribution system, solids handling and liquid treatment processes at the City's Water Reclamation Plant. Other projects include HVAC and roofing repairs and a Cogeneration Project to utilize existing digester gas that is flared off at the Water Reclamation Plant. This program also funds utility master planning for the Water Reclamation Plant and wastewater disposal system improvements associated with the LAVWMA pipeline expansion as approved by the public with the passage of Measure E in November, 2005.

The primary funding sources for wastewater collection and treatment systems are operating revenues from the Sewer Enterprise Fund and the City's sanitary sewer connection fee paid by new development. The expansion of the Water Reclamation Plant wastewater disposal capacity and the upsizing of pipes to serve new development are funded primarily from the sanitary sewer connection fee. Major maintenance and repairs at the Water Reclamation Plant and in the existing collection system are funded by operating revenues from the Sewer Enterprise Fund. Cost allocation between new development and existing users for projects is specified in the City's 2010 Wastewater Connection Fee Study.

Projects listed comply with the goals and policies of the City's General Plan, Downtown Specific Plan, the City's 2004 Sewer Master Plan Update, the City's 2010 Wastewater Connection Fee Study, Recycled Water Master Plan, and applicable state and federal standards. Additionally, improvements to the Water Reclamation Plant have been prioritized in the City's 2012 Water Reclamation Plant Master Plan.

Water/Recycled Water

The City of Livermore is the water retailer in the northwest, northeast, and east portions of the City. The central and southern parts of the City are served by a private water purveyor, the California Water Service Company. The City produces and distributes recycled water to the northwest section of the City and to eastern Pleasanton. In the 2015-17 Capital Improvement Program the Water System Rehabilitation and Repair is the only project funded. This project will recoat the interior of the Dalton Water Tank and make minor improvements to the tank, replace pumps at the Airway Water Pump Station, make electrical repairs at the Altamont Water Pump Station and Altamont Water Tanks and telemetry upgrades for an automated water meter reading technology. Future Water projects included in the 20-year Capital Improvement Plan include a number of projects to enhance the capacity of the City's existing water storage, to improve the water distribution system to enhance fire-fighting capabilities, to repair existing transmission pipes, and to upgrade security for the water system facilities. This program also provides credits to private development for oversizing of water pipelines for the ultimate condition.

Projects are funded using Water User and Water Connection fees charged on new development. Water storage facilities and transmission system improvements that are needed to serve new development are financed through the Water Connection fee. Major maintenance and repairs to the City's pumps, water tanks, and distribution system are funded by operating revenues of the Water Enterprise Fund.

Projects listed comply with the goals and policies of the City's General Plan, Downtown Specific Plan, the City's 2004 Water Master Plan, the City's 2010 Water Connection Fee Study, the City's 2013 Recycled Water Master Plan and applicable state and federal standards. Cost allocation between new development and existing users for projects is specified in the City's 2010 Water Connection Fee Study.

Infrastructure Rehabilitation

The City of Livermore is responsible for the upkeep and maintenance including rehabilitation and replacement of infrastructure which are self-funded through user fees (enterprise funded) and those which are funded through City discretionary and non-discretionary revenues (non-enterprise funded). Enterprise funded infrastructure maintenance and rehabilitation are included in the abovementioned special categories. Rehabilitation and maintenance for enterprise funded infrastructure which include the airport, water treatment and collection systems, potable and recycled water systems, and golf courses are typically fully funded via user fee adjustments. Maintenance funding for non-enterprise funded infrastructure such as public buildings, sidewalks, curb & gutter, storm drains, streambeds, street lights and traffic control systems, trees, landscaping, parks and trails, and street pavement maintenance are dependent on non-discretionary federal, state and regional revenues as well as the City's General Fund.

The City's infrastructure is aging and although currently in a functioning state of repair, operational failures have become evident (walls, streambeds, and buildings). The Capital Improvement program continues to provide a moderate level, just over $8 million

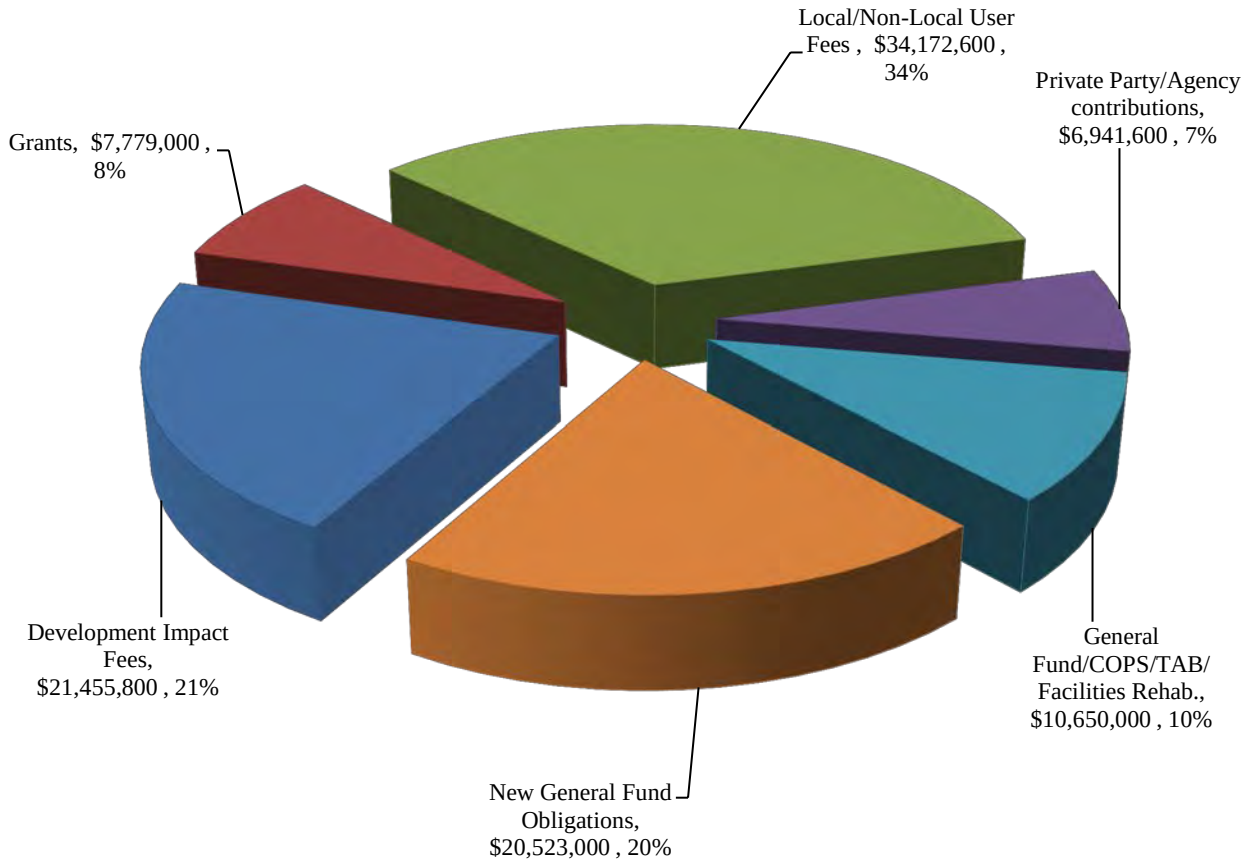
annual investment to maintain our infrastructure. The budget also includes some funding for replacement such as for Fire Station No. 9, a new Council Chambers, and funding to rehabilitate landscaping. The level of maintenance has not been able to keep infrastructure in an optimal condition, nor have adequate funds been set aside for rehabilitation and replacement resulting in a significant unfunded maintenance backlog in the hundreds of millions of dollars.

The Council has recognized the critical need associated with the City's chronic underfunding for infrastructure maintenance and rehabilitation. In the past two years, the City has embarked upon an asset management program for its enterprise funded activities and has been establishing policies to assure that user fees and maintenance and rehabilitation needs are coordinated. In this Capital Improvement Program, $500,000 has been allocated for an Asset Management Program for non-enterprise funded infrastructure. The goal of the program is to keep the infrastructure in a sound operating state. Solutions may include divesting ourselves of certain infrastructure, altering standards and supplementing funding sources, to avoid further escalating costs of major repairs or complete reconstruction required to restore the infrastructure's integrity.

FUNDING HIGHLIGHTS

Most of the CIP Program funding is derived from non-General Fund sources as shown on Figure 2.

FIGURE 2: CAPITAL SPENDING BY FUND



General Fund/COPS/TAB/Facilities Rehabilitation Allocation

The Fiscal Year 2015-17 General Fund allocation including Certificates of Participation (COPS), Tax Allocation Bond Funds (TAB) and Facilities Rehabilitation Funds (FRP) represents approximately 10% of the total Capital Program expenditures. This includes $3,660,000 in General Fund expenditures for projects such as, Downtown Revitalization (Livermore Village and Shea Plaza Waste Disposal Facility, demolition of City owned Downtown property, Livermore Village Parking Garage, Livermorium Plaza Mill Square Park and the Railroad Depot Relocation), Citywide Decorative Wall Replacement, Citywide Landscape Enhancements, Storm Drain Trash Capture Devices, Police Computer Aided Dispatch System Hardware/Software Upgrades, Asset Management Plan, Electric Vehicle Charging Stations, the Citywide Culvert Outfall Project, Annual Storm Drain Fee Reimbursements for oversizing storm drains with developments, Flood Control Improvements (Airway Boulevard Culvert De-silting, Stream Channel Master Plans, Arroyo Las Positas & Mocho Flood Control and Airway Boulevard Flood Control), Hagemann Farm Site Assessment, Toyota Wetland Mitigation Project, Raymond Road Landfill Rehabilitation Project.

The budget includes COPS expenditures in the amount of $4,920,000 (5% of the total Capital Program expenditures) for Fire Station No. 9, a Police Computer Aided Dispatch System, Livermore Village Parking Garage, Decorative Wall Replacement – Citywide, Livermorium Plaza at Mills Square Park and West Jack London Boulevard Widening. TAB expenditures in the Livermore Successors Agency Fund total $1,500,000 (1.5% of the total Capital Program expenditures) which are earmarked for the land acquisition and design for the Livermore Village Parking Garage. Approximately $570,000 (0.6% of the total Capital Program expenditures) in expenditures using Facilities Rehabilitation Funds is being programmed for roof repairs at the Police, Rincon Library and Civic Center Library buildings, Recoating of Building Exterior Insulation Finishing Systems, Central Plant Chiller assessment and Carpet Replacement at various City buildings.

In addition, the budget includes over $20.5 million (20% of the total Capital Program expenditures) in new general fund obligations to provide funding towards the Livermore Village Parking Garage and new Council Chambers.

The funding sources for the proposed 2015-17 CIP budget can be grouped into five categories:

- Local/Non-Local User Fees – $34.2 million Local user fees (in italics below) make up approximately 2/3 of this category.
    - *Sewer User Fees*- $18.1 million
    - Gas taxes - $5.7 million
    - Measure B Funds (streets, bike and pedestrian) - $2.4 million
    - *Solid Waste & Recycling* - $1.7 million
    - *Airport* - $1.6 million
    - New Measure B2 Funds (streets, bike and pedestrian) - $1.5 million
    - Vehicle Registration Fees (streets, bike and pedestrian) - $1.1 million
    - *Water* - $1.4 million

- *Landscape Maintenance Districts* - $0.4 million
- *Storm* - $0.3 million

- Development Impact Fees - $21.5 million includes
  - LARPD park facilities fees reimbursements - $9.9 million
  - Traffic Impact - $5.6 million
  - Wastewater Impact - $5.1 million
  - Storm Water Impact Fees- $0.5 million
  - TVTC Fees - $0.2 million
  - Water Impact - $0.1 million
  - Low Income Housing - $0.1 million

- New General Fund Obligations - $20.5 million (Livermore Village Parking Garage Construction and design and construction of the new Council Chambers)

- General Fund/COPS/TAB/Facilities Rehab. - $10.6 million
  - COPS - $4,920,000 (Police Computer Aided Dispatch, Livermore Village Parking Garage Design, West Jack London Blvd. Widening, Fire Station No. 9 and Livermorium Plaza at Mills Square Park)
  - Fiscal Year 2015/16 & 2016/17 General Fund Allocation - $3,660,000 (includes $1,465,700 General Fund Carryover from Fiscal Year 2014-15)
  - Tax Allocation Bond Funds (TAB) - $1,500,000 (Livermore Village Parking Garage Land Acquisition and Design)
  - Facilities Rehabilitation Fund - $570,000 (Building Roofs and Exterior Rehabilitation)

- Regional/PG&E/State and Federal Grants - $7.8 million
  - TLC/CMAQ - $2.5 million
  - FAA Capital Grant - $2.1 million
  - PG&E Grant - $2 million
  - TDA Grant - $0.4 million
  - Bridge Toll Funds - $0.3 million
  - Safe Routes to School Grant - $0.3 million
  - Federal TCSP Grant - $0.2 million

- Private/Third Party Contributions - $6.9 million

- Developer Contributions (El Charro, Shea, Trammel Crow, Downtown) - $2.8 million
- PG&E Rule 20A Funds - $1.8 million
- Private Partnership (Raymond Road Landfill) - $1.1 million
- Private Contributions - $0.7 million
- Caltrans SR 84 State of Good Repair Funds - $0.4 million
- Outside Agency (Zone 7) - $0.1 million

LONG TERM FUNDING CONSTRAINTS

The City's latest Comprehensive Annual Financial Report shows that the book value of the City's infrastructure, net of depreciation, is $247 million. The full replacement value of all non-enterprise infrastructure is estimated at over $1 billion.

FIGURE 3: Infrastructure Value (Non-Enterprise)

Facility Type	Infrastructure Quantity	Infrastructure Value
Buildings	34 each	$124,000,000
Sidewalks	610 miles	$176,000,000
Curb & Gutter/Ramps	656 miles	$114,000,000
Storm Drain and Streambeds	171 miles	$361,000,000
Street Lights/Traffic Control	6,500 Street Lights 90 Signals	$ 42,000,000
Trees, Landscape, Parks & Trails	132 acres	$ 49,000,000
Street Maintenance	306 centerline miles	$526,000,000
TOTAL:		**$1,392,000,000**

The City has continued to invest in its infrastructure at a moderate amount of $8.4 million during this cycle. However, to restore infrastructure throughout the City to a "like new" condition would involve several hundred million dollars of rehabilitation work. Significant additional annual resources dedicated to infrastructure maintenance will be necessary even to maintain City infrastructure in an "as is" condition.

This lack of funding is not unique to the City of Livermore. Deferral of maintenance has been the common practice in California for virtually all agencies over the last 50 years due to new unfunded mandates, reduction in revenue generation resulting from economic conditions, revenue sources not keeping pace with inflation, and other variables. Based on this fact, the City Council has directed staff to systematically analyze all of our infrastructure systems and return with recommendations over the next two years. As part of the Asset Management Program, the City will be critically evaluating its policies and needs with respect to each infrastructure type. The program will refine the current backlog, the annual maintenance needs, and will develop performance standards and policies that will match our infrastructure needs with resources.

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Airport – Introductory Comments

The City operates a general aviation airport located southwest of State Route 84, Airway Boulevard, and I-580. The airport is operated as an independent enterprise fund. Airport projects in the 2015-17 Capital Improvement Program include a variety of projects to enhance airport operations. These projects include runway overlay and remarking, painting the north and south hangars, miscellaneous hangars, miscellaneous airport repair design services, airport water quality and storm water basins, airport long term parking improvements, airport pavement maintenance, airport industrial building roof repairs, and retrofit of minor facilities to comply with code requirements.

Airport projects are derived from the 2014 Airport Layout Plan. Funding for airport projects is provided from airport operating revenues, Federal Aviation Administration construction grants and from municipal Certificates of Participation (COPS).

Projects listed herein comply with the 2014 Airport Layout Plan, and the City's General Plan.

City of Livermore
20-Year Capital Improvement Plan
Airport Projects

PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200636	Miscellaneous Airport Repair Design Services	In Progress	$ 173,687	$ 36,205	$ 30,000	$ 30,000	$ 30,000	$ -	$ 480,000	$ 779,892
200711	Airport Administration Building	Completed	2,895,162	3,056,894	-	-	-	-	-	5,952,056
201313	Runway 7R/25L Overlay, Repainting & Lighting	In Progress	170,235	40,000	1,825,000	320,000	-	-	-	2,355,235
201314	Slurry Seal Northside Aprons and Taxilanes	Not Started	-	-	-	-	894,000	-	-	894,000
201317	North & South Hangar Outside Painting	Not Started	-	-	47,500	50,000	65,000	68,300	72,000	302,800
201411	Slurry Seal Southside Hangar Taxilanes	Not Started	-	-	-	-	604,400	-	-	604,400
201419	Airport Stormwater Treatment Master Plan	In Progress	801	60,000	-	-	-	-	-	60,801
201421	Airport Administration Building Fencing	Completed	-	35,000	-	-	-	-	-	35,000
201422	Airport Fuel Tank Monitoring System Relocation	Not Started	-	-	40,000	-	-	-	-	40,000
201423	Airport Parking Lot & Runway Security Cameras &	Not Started	-	25,000	35,000	-	-	-	-	60,000
201425	Airport Pavement Maintenance	In Progress	-	30,000	30,000	30,000	30,000	-	480,000	600,000
201511	Airport Terminal Building Demolition	Not Started	-	-	-	45,000	-	-	-	45,000
201512	Airport Self-Serve Fuel Island Removal	Not Started	-	-	-	25,000	-	-	-	25,000
201513	Airport Horse Ranch Parcel Mitigation	Not Started	-	-	75,000	-	-	-	-	75,000
201514	Airport Electric Vehicle Charging Stations	Not Started	-	-	24,000	-	-	-	-	24,000
201613	Airport Industrial Building - Roof Renovation	Not Started	-	-	80,000	-	-	-	-	80,000
201614	Pavement Maintenance Management Program	Not Started	-	-	150,000	-	-	-	-	150,000
201615	Airport Water Quality and HMP Basins	Not Started	-	-	400,000	-	400,000	-	-	800,000
201617	Airport Long Term Parking Improvements	Not Started	-	-	-	230,000	-	-	-	230,000
201811	Airport Maintenance Facility	Not Started	-	-	-	-	-	-	2,500,000	2,500,000
Total Funding:			**$ 3,239,884**	**$ 3,283,099**	**$ 2,736,500**	**$ 730,000**	**$ 2,023,400**	**$ 68,300**	**$ 3,532,000**	**$ 15,613,183**
O&M Cost Estimate:			**$ -**	**$ 39,000**	**$ 47,170**	**$ 47,170**	**$ 53,170**	**$ 10,000**	**$ 862,720**	**$ 1,059,230**

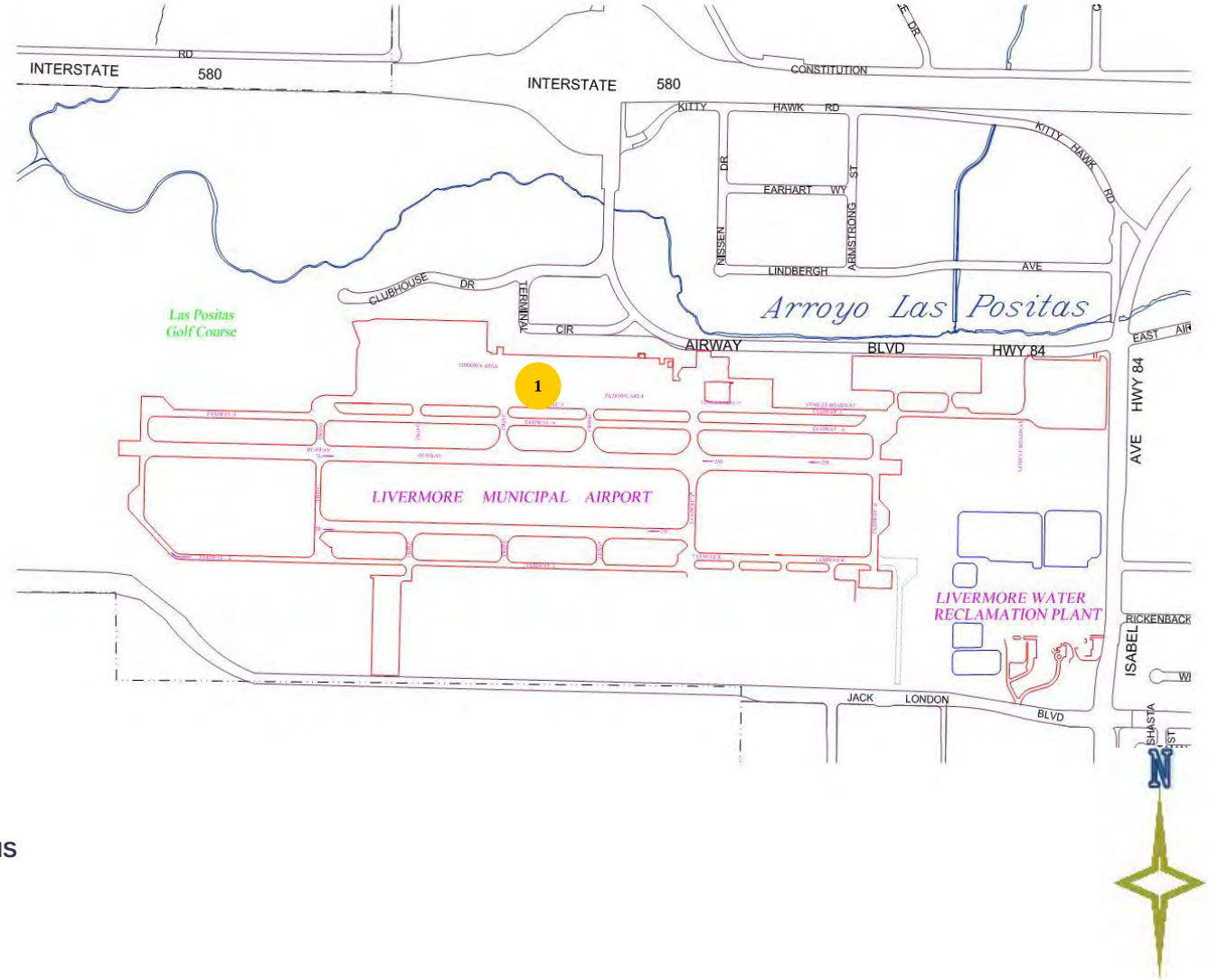
PROJECTS FUNDED 14/15 - 16/17

LOCATION MAP LEGEND

1

AIRPORT PROJECTS:

- MISCELLANEOUS AIRPORT REPAIR DESIGN SERVICES
- AIRPORT ADMINISTRATION BUILDING
- RUNWAY 7R/25L OVERLAY, REPAINTING & LIGHTING
- NORTH AND SOUTH HANGER OUTSIDE PAINTING
- AIRPORT STORMWATER TREATMENT MASTER PLAN
- AIRPORT ADMINISTRATION BUILDING FENCING
- AIRPORT FUEL TANK MONITORING SYSTEM RELOCATION
- AIRPORT PARKING LOT & RUNWAY SECURITY CAMERAS
- AIRPORT PAVEMENT MAINTENANCE
- AIRPORT TERMINAL BUILDING DEMOLITION
- AIRPORT SELF-SERVE FUEL ISLAND REMOVAL
- AIRPORT HORSE RANCH PARCEL MITIGATION
- AIRPORT ELECTRIC VEHICLE CHARGING STATIONS
- AIRPORT INDUSTRIAL BUILDING-ROOF RENOVATION
- PAVEMENT MAINTENANCE MANAGEMENT PROGRAM
- AIRPORT WATER QUALITY AND HMP BASINS
- AIRPORT LONG TERM PARKING I MPROVEMENTS



CIP Name: Miscellaneous Airport Repair Design Services **CIP No:** 200636

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** In Progress

Project Description: Airport consultant services for various planning and construction projects including design, cost estimating, bid specifications, and related tasks on an as-needed basis including miscellaneous repairs. The prior year expenditure was for a Wildlife Hazard Assessment on airport lands in connection with the El Charro Specific Plan Infrastructure Project.

Project Justification: Since the Airport's planning and construction projects are subject to Federal Aviation Administration regulations and guidelines, consultant firms that specialize in airport design are commonly retained to prepare construction design, specifications and/or bid documents for airport proprietors. This allows for timely design of maintenance and safety projects at the Airport or projects that cannot be designed in-house.

Project Funding: The prior year expenditures ($105,263) are part of a 95% FAA grant ($100,000 grant with 5% local match of $5,263) for a Wildlife Hazard Assessment on airport lands in connection with the El Charro Specific Plan Infrastructure Project. All miscellaneous airport repair design services will be charged to Fund 210.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ 76,055	$ 36,205	$ 30,000	$ 30,000	$ 30,000	$ -	$ 480,000	$ 682,260
212 Airport Grant	97,632	-	-	-	-	-	-	97,632
Total Funding:	**$ 173,687**	**$ 36,205**	**$ 30,000**	**$ 30,000**	**$ 30,000**	**$ -**	**$ 480,000**	**$ 779,892**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Administration Building **CIP No:** 200711

Location: Livermore Airport

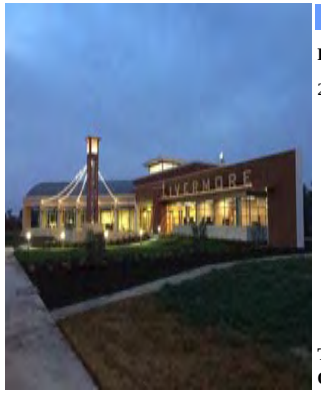
Project Sponsor: PW - Airport **Status:** Completed

Project Description: This project replaces the existing administration building with a new 8,400 square foot building located on the north side of the Airport on Terminal Circle. Prior years funding is for planning and preliminary design. The FY14/15 activities are for final design and construction costs.

Project Justification: The existing "Dan Lee" Terminal building (built in 1969) provides inadequate office space, is plagued by repairs and is no longer cost effective to retain. A replacement building is needed with sufficient office space for airport administration as well as concession/office space and a restaurant.

Project Funding: $4 million of this project was funded from 2011 COP's.

O&M Cost Assumptions: Maintenance and Operation costs of $39,000 per year include labor, mechanical, roofing, flooring, and painting needs.



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ 2,895,162	$ 3,056,894	$ -	$ -	$ -	$ -	$ -	$ 5,952,056
Total Funding:	**$ 2,895,162**	**$ 3,056,894**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 5,952,056**
O&M Cost Estimate:	**$ -**	**$ 39,000**	**$ 39,000**	**$ 39,000**	**$ 39,000**	**$ -**	**$ 624,000**	**$ 780,000**

CIP Name: Runway 7R/25L Overlay, Repainting & Lighting **CIP No:** 201313

Location: Airport

Project Sponsor: PW - Airport **Status:** In Progress

Project Description: Restore secondary runway surface. Cold plane and overlay (approximately 210,000 square feet) of the runway with new asphalt concrete. Repaint all runway markings. Install runway lights, new constant current regulator, and a new air traffic control tower airfield lighting control panel.

Project Justification: The existing runway asphalt surface course has lost elasticity and is cracking. A new asphalt concrete overlay is needed and will extend the life of the runway. Additionally, Runway 25L will have runway lights installed to improve safety and to facilitate night time access.

Project Funding: Design and construction costs are eligible for 90% FAA grant participation with a 10% local match from the Airport Operating Fund 210. Project design costs of $168,330 are covered by a 90% FAA grant ($151,500) and $16,830 in matching local funds. Construction costs estimated at $2,170,000 are also eligible for a 90% FAA grant of $1,953,000 and $217,000 in matching local funds.

O&M Cost Assumptions: Assume overcoat of 210,600 square feet in 7 years @ $0.20/square foot

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ 1,262	$ 40,000	$ 160,000	$ 32,000	$ -	$ -	$ -	$ 233,262
212 Airport Grant	168,973	-	1,665,000	288,000	-	-	-	2,121,973
Total Funding:	**$ 170,235**	**$ 40,000**	**$ 1,825,000**	**$ 320,000**	**$ -**	**$ -**	**$ -**	**$ 2,355,235**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal Northside Aprons and Taxilanes **CIP No:** 201314

Location: Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: Repair (approximately 320 square yards) failed asphalt, crack and slurry seal (approximately 575,000 square feet) northwest apron surface and northeast hangar access taxilanes. Repaint all pavement markings.

Project Justification: The existing apron and taxilane asphalt surfaces have been treated with several rejuvenator seal applications over the past decades. This sealing method has now lost its effectiveness, requiring a slurry seal coat to extend the life of the pavement.

Project Funding: Design and constructions costs are estimated at $894,000 which are eligible for a 90% FAA grant in the estimated amount of $804,600. The 10% local share for the FAA grant will be paid out of the Airport Operating Fund 210 in the amount of $89,400.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ -	$ -	$ 89,400	$ -	$ -	$ 89,400
212 Airport Grant	-	-	-	-	804,600	-	-	804,600
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 894,000**	**$ -**	**$ -**	**$ 894,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: North & South Hangar Outside Painting **CIP No:** 201317

Location: Airport

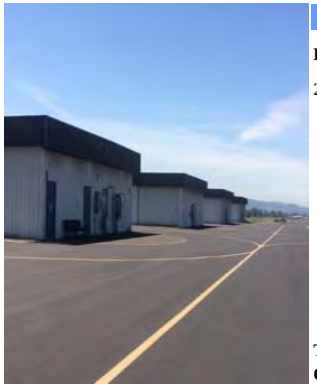
Project Sponsor: PW - Airport **Status:** Not Started

Project Description: The outside painted surfaces on all 22 North and South Hangar buildings are oxidizing heavily. Power-washing and painting with a high-quality, UV-resistant metal paint is required. The project envisions a total of 22 buildings to be painted over a 5-year period, starting with the older North Hangars and one Shelter.

Project Justification: Repainting the outside panels of the Airport's sheet-metal hangar buildings is needed to avoid corrosion and maintain overall appearance.

Project Funding: North Hangars are estimated at $9,500 each; the South Hangars at $13, 000 each, with a 5% cost increase for each subsequent fiscal year. Funding is provided by the Airport Enterprise Fund.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 47,500	$ 50,000	$ 65,000	$ 68,300	$ 72,000	$ 302,800
Total Funding:	**$ -**	**$ -**	**$ 47,500**	**$ 50,000**	**$ 65,000**	**$ 68,300**	**$ 72,000**	**$ 302,800**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal Southside Hangar Taxilanes **CIP No:** 201411

Location: Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: Repair (approximately 8,300 square feet) failed asphalt, crack and slurry seal (approximately 466,000 square feet) of taxilane surface. Repaint all pavement markings.

Project Justification: The existing apron and taxilane asphalt surfaces have been treated with several rejuvenator seal applications over the past decades. This sealing method has now lost its effectiveness, requiring a slurry seal coat to extend the life of the pavement.

Project Funding: Design and constructions costs are estimated at $604,400 which are eligible for a 90% FAA grant estimated at $543,960. The 10% local share for the FAA grant will be paid out of the Airport Operating Fund 210 at an estimated cost of $60,440.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ -	$ -	$ 60,440	$ -	$ -	$ 60,440
212 Airport Grant	-	-	-	-	543,960	-	-	543,960
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 604,400**	**$ -**	**$ -**	**$ 604,400**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Stormwater Treatment Master Plan **CIP No:** 201419

Location: Airport Property

Project Sponsor: CDD - Engineering **Status:** In Progress

Project Description: Develop a Stormwater Treatment Master Plan showing all stormwater treatment and detention measures necessary on Airport property to treat and detain stormwater resulting from the development of Airport Facilities.

Project Justification: All development in the City of Livermore is required to meet stormwater treatment and detention requirements described in our Regional Water Quality Control Board Municipal Regional Permit. Section C.3 of this permit requires that all development creating or replacing 10,000 sf treat the stormwater runoff and all development creating or replacing 1 acre or more also detain the stormwater runoff to match pre-project conditions. The City of Livermore Airport is located on low lying land that makes it difficult or cost prohibitive to develop stormwater treatment on a site-by-site basis. A master plan approach to comply with the stormwater treatment requirements provides a comprehensive means to meet both current and future permit requirements by utilizing/improving/expanding the existing drainage features on Airport property.

Project Funding: Funded with Airport Funds. Grant Funding may be available.

O&M Cost Assumptions: There are no O&M costs for this study

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ 801	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ 60,801
Total Funding:	**$ 801**	**$ 60,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 60,801**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Administration Building Fencing **CIP No:** 201421

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Completed

Project Description: This project will extend the existing 4-foot tall powder-coated aluminum fence 420 linear feet along the northern airside/landside boundary to include the new Airport Administration building. The existing chain-link fence will be removed. An 8-foot tall, ornamental keypad-enabled pedestrian gate will be added, which will inhibit unauthorized airside access but continues to provide an open view of the airfield and maintains the welcoming feeling that tenants and visitors currently enjoy.

Project Justification: The new Airport Administration building will be constructed in the open field west of the existing Terminal building. This area currently has a 6-foot chain-link fence which is not conducive to the open atmosphere that currently exists at the Livermore Airport. The new fencing will allow an unobstructed view of the surrounding hillsides as well as aircraft operating on the airfield.

Project Funding: Airport Fund 210 will provide the one-time funding for this project.

O&M Cost Assumptions: Annual operations and maintenance costs are limited to vehicle-inflicted fence damage as well as gate and push-button lock repairs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ 35,000	$ -	$ -	$ -	$ -	$ -	$ 35,000
Total Funding:	**$ -**	**$ 35,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 35,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 500**	**$ 500**	**$ 500**	**$ -**	**$ 8,000**	**$ 9,500**

CIP Name: Airport Fuel Tank Monitoring System Relocation **CIP No:** 201422

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: Relocate the existing underground fuel tank monitoring system from the old Terminal building (to be demolished) to a (waterproof) electrical enclosure at the fuel farm. The relocated monitary system will communicate accurate data via cellular network to both City and Fixed Based Operation (FBO) computers for leak monitoring and flowage/storage fee tracking purposes.

Project Justification: Once the new full-service FBO facilities are constructed by our private operator, the City will relinquish the fuel sales and temporarily lease its undeground fuel farm facility to the FBO. The old Terminal building will then be removed and the conventional fuel tank monitoring system will be relocated. Since this system is mandatory for the operation of fuel tanks, a new VR system will be installed directly at the fuel farm where it will communicate monitoring data via cellular signal to authorized computers, specifically those owned by the Airport administration and Five Rivers Aviation, LLC.

Project Funding: Airport Fund 210 will fund this one time project.

O&M Cost Assumptions: Monthly communication expense and maintenance.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 40,000	$ -	$ -	$ -	$ -	$ 40,000
Total Funding:	**$ -**	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 40,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 250**	**$ 250**	**$ 250**	**$ -**	**$ 5,000**	**$ 5,750**

CIP Name: Airport Parking Lot & Runway Security Cameras & Software Upgrade **CIP No:** 201423

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: The project involves the installation of (6) video surveillance cameras on the new Administration building. A solar source management appliance system coupled with HD network cameras, or similar, is desired to provide high-resolution day/night video recordings of aircraft as well as vehicle movements on the main parking lot. One unit will be specifically placed to capture aircraft registration numbers on Runway 7L/25R when the Airport is not attended. The project also includes updating the security system software.

Project Justification: The cameras will assist in maintaining parking lot security and monitoring aircraft operations when the Airport is not attended. One of the cameras will be linked to the Livermore Airport website to provide a live feed of the Airport environs for the observation of local weather conditions. Another use is for staff to be able to properly follow up with various night-time noise complaints and aircraft operations which may have failed to pay a landing fee. Having video reviewing capabilities will save staff time, increase overall efficiencies and abate vandalism on parked vehicles. The existing security system software is outdated and needs to be upgraded.

Project Funding: Airport Fund 210 will fund this one time project.

O&M Cost Assumptions: On-call system trouble shooting and equipment maintenance.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ 25,000	$ 35,000	$ -	$ -	$ -	$ -	$ 60,000
Total Funding:	**$ -**	**$ 25,000**	**$ 35,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 60,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ -**	**$ 10,000**	**$ 13,000**

CIP Name: Airport Pavement Maintenance **CIP No:** 201425

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** In Progress

Project Description: The multi-year project covers the need for unexpected, localized pavement repairs and rehabilitation on the Airport's runways, taxiways, hangar access taxilanes and aprons as well as all perimeter roadways. The project will guarantee that the Airport can maintain the integrity of all paved Airport surfaces for safety. The annual budgeted amounts will cover any unexpected and urgent pavement repairs, crack sealing and seal-coat treatments on the various Airport pavement areas.

Project Justification: An annual budget for pavement repairs will allow the Airport to undertake urgent and/or unanticipated pavement repairs to maintain safe aircraft and vehicle operations. While the rehabilitation of most of the Airport's pavement areas are eligible for Federal Aviation Administration (FAA) grant support, failing pavement areas can appear that cannot await the procureement of a grant and must be done immediately.

Project Funding: Airport Fund 210 will fund this one time project.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ -	$ 480,000	$ 600,000
Total Funding:	**$ -**	**$ 30,000**	**$ 30,000**	**$ 30,000**	**$ 30,000**	**$ -**	**$ 480,000**	**$ 600,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Terminal Building Demolition **CIP No:** 201511

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: The existing 1969 Livermore Airport Terminal building will be completely removed once the new Administration Building is completed and occupied. The current (3,800 SF) Terminal building materials will be properly disposed of and recycled. The concrete foundation and sidewalk will remain to accommodate a display aircraft. All utilities will be capped in vault boxes or removed, as appropriate.

Project Justification: Due to age and high maintenance costs, the existing Livermore Airport Terminal building is being replaced with a new Airport Administration complex with restaurant and concession space. The old Terminal building has no further use and will be demolished. Clearing the site and offering more open space will benefit the community as added park and aircraft display space.

Project Funding: Airport Fund 210 will provide the one-time funding for this project.

O&M Cost Assumptions: The area will continue to be landscaped as part of an existing contract, i.e., no change in O & M costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ -	$ 45,000	$ -	$ -	$ -	$ 45,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 45,000**	**$ -**	**$ -**	**$ -**	**$ 45,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Self-Serve Fuel Island Removal **CIP No:** 201512

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: A full-service Fixed Base Operator (FBO), will build new office and hangar buildings and assume the Airport's fuel concession. The FBO will also install new self-serve aircraft refueling facilities on the north and south side of the Airport. Once these facilities are installed and the FBO can commence fueling services, the Airport's obsolete self-serve fuel island will be decommissioned and demolished. The project includes removal of the existing fuel pumps along with the station kiosk and the footings. The existing underground fuel supply line will be emptied, cleaned and filled with a special filler material. All other utilities will be terminated and capped in place.

Project Justification: As part of taking over the fuel concession, the FBO will also install a new self-serve fuel facility near their leasehold. The existing fuel island equipment is over 40 years old and prone to frequent and expensive maintenance. Further, the underground feeder pipeline is prone to earthquake damage and represents an environmental liability.

Project Funding: Airport Fund 210 will fund this one-time project.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ 25,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Horse Ranch Parcel Mitigation **CIP No:** 201513

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: The Airport's 17-acre horse ranch parcel leased by Airdance Farms will be mitigated for safety and aesthetic purposes following lease expiration in November 2014. The project will include the removal and disposal/recycling of the following structures: A custodian house, 3 pole barns, 1 brick barn, 1 wooden barn and 10 horse shelters. All utilities will be capped and the interior fencing removed. Any abandoned items and equipment will be removed and the grounds leveled and seeded for future fallow land farming. A functioning well will be maintained for emergency water extraction purposes.

Project Justification: Due to safety and aesthetic issues with the leasehold parcel, the Airport will not extend the lease beyond its November 1, 2014 expiration date. As determined in a recently completed Wildlife Hazard Assessment, the farm area is attracting a high volume of wildlife and their close proximity to he Ariport's runways presents a significant safety hazard to aircraft operations. The report recommends the removal of all structures and feeding barns which provide habitat and food sources for wildlife. Leaving the site with dilapidated buildings and structures is unsafe and unsightly. Clearing the site will improve the views along the W. Jack London Blvd. corridor, which has become a highly travelled roadway.

Project Funding: Airport Fund 210 will fund this one-time project.

O&M Cost Assumptions: Once seeded, the 17-acre parcel requires mowing approximately 4 times per year at an average cost of $105 per cutting cycle, or $420 per year.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000
Total Funding:	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 420**	**$ 420**	**$ 420**	**$ -**	**$ 6,720**	**$ 7,980**

CIP Name: Airport Electric Vehicle Charging Stations **CIP No:** 201514

Location: 636 Terminal Circle

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: Install two Electric Vehicle (EV) charging stations at the Airport's public parking lot. Two dual charging stations would be installed in order to provide a total of four charging parking spots at the east end of the new solar array parking canopy.

Project Justification: Providing EV charging stations at the Livermore Airport will allow Airport users and visitors to charge their electric cars while traveling. Adding the chargers is a desirable customer service amenity and a positive environmental offering. EV charging stations can be revenue generating by charging an hourly rate. Integrating the chargers with the new solar array will largely offset their operating costs.

Project Funding: Airport Fund 210 will fund this one time project.

O&M Cost Assumptions: Monthly EV charging station Point-of-Sales service fee and maintenance.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 24,000	$ -	$ -	$ -	$ -	$ 24,000
Total Funding:	**$ -**	**$ -**	**$ 24,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 24,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ -**	**$ 16,000**	**$ 19,000**

CIP Name: Airport Industrial Building - Roof Renovation **CIP No:** 201613

Location: 160 Airway Blvd.

Project Sponsor: Public Works **Status:** Not Started

Project Description: A new roof is required to replace the old leaking composite roof. The Airport will replace the existing tar and gravel composite roof material with a more modern composite shingle. The existing material will be removed and new tar paper and shingles will be installed creating a new water tight barrier.

Project Justification: The roof has required a very high frequency of repairs in the last couple of years and leaks are still common. 160 Airway has undergone extensive tenant improvements that would be adversely effected by continual roof leaks. Completing this project will extend the useful life of the existing roof by another 20 years.

Project Funding: Airport Fund 210 will fund this one time project.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 80,000	$ -	$ -	$ -	$ -	$ 80,000
Total Funding:	**$ -**	**$ -**	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Pavement Maintenance Management Program **CIP No:** 201614

Location: Airport

Project Sponsor: Public Works **Status:** Not Started

Project Description: Establish a comprehensive Pavement Maintenance and Management Program by inventorying and evaluating current airfield pavement areas pursuant to AC150/5380-6B guidelines.

Project Justification: The program will be used to support planned pavement rehabilitation projects for federal funding in compliance with FAA grant assurances.

Project Funding: An airport consulting firm will be utiltized in developing this pavement management program which is eligible for 90% ($135,000) funding by the FAA. The remaining 10% ($15,000) is covered by the Airport fund 210.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 15,000	$ -	$ -	$ -	$ -	$ 15,000
212 Airport Grant	-	-	135,000	-	-	-	-	135,000
Total Funding:	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airport Water Quality and HMP Basins **CIP No:** 201615

Location: Airport

Project Sponsor: Public Works **Status:** Not Started

Project Description: Final design and construction of water quality and HMP basins at the airport. The basins will be sized to treat increased stormwater flows due to new impervious area from new development at the airport. They will be designed to both treat the increased stormwater flows and also to retain stormwater so that future stormwater flows off of the airport do not increase above current flows per C3 Stormwater permit requirements. The preliminary design for these basins is being done as part of the Airport Stormwater Treatment Master Plan project 2014-29.

Project Justification: All development in the City of Livermore is required to meet stormwater treatment and detention requirements described in our Regional Water Quality Control Board Municipal Regional Permit. Section C3 of this permit requires that all development creating or replacing 10,000 sf treat the stormwater runoff and all development creating or replacing 1 acre or more also detain the stormwater runoff to match pre-project conditions. The City of Livermore Airport is located on low lying land that makes it difficult or cost prohibitive to develop stormwater treatment on a site by site basis. Constructing regional basins that meet the requirements for multiple developments is the most cost effective way of complying with these requirements.

Project Funding: This project is funded with Airport Operating funds (fund 210). FY 15/16 expenditures are for constructing a basin on the north side of the Airport. FY 17/18 expenditures are for constructing a basin on the south side of the Airport.

O&M Cost Assumptions: Maintenance is estimated at $5,000 per year for each basin.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 400,000	$ -	$ 400,000	$ -	$ -	$ 800,000
Total Funding:	**$ -**	**$ -**	**$ 400,000**	**$ -**	**$ 400,000**	**$ -**	**$ -**	**$ 800,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 5,000**	**$ 5,000**	**$ 10,000**	**$ 10,000**	**$ 160,000**	**$ 190,000**

CIP Name: Airport Long Term Parking Improvements **CIP No:** 201617

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: Currently the Airport offers limited long-term parking space which is, due to pending adjacent restaurant development, at an undesirable location. This project creates a new, nearby long-term parking area by adding 700 linear feet of 6-foot tall chain-link fencing with an automatic access gate and 25,000 square feet of paved and marked asphalt surface in order to create a designated long-term parking area.

Project Justification: Since the existing long-term parking area is located in front of the new Administration and Restaurant building, it will need to be relocated to accommodate short-term parking. Long-term parking is a desirable service for Airport users for which a fees applies. However, the presently unsecured long-term parking area has been subjected to occasional vandalism and theft. Hence, adding a fenced and gated section for long-term parking will improve desired security. The monthly fees will amortize the investment and provide revenues.

Project Funding: Airport Fund 210 will fund this one-time project.

O&M Cost Assumptions: Fencing repairs, gate mechanism maintenance and pavement maintenance.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ -	$ 230,000	$ -	$ -	$ -	$ 230,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 230,000**	**$ -**	**$ -**	**$ -**	**$ 230,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000**	**$ -**	**$ 8,000**	**$ 9,000**

CIP Name: Airport Maintenance Facility **CIP No:** 201811

Location: Livermore Airport

Project Sponsor: PW - Airport **Status:** Not Started

Project Description: Construct a 5,000 sq. ft. Airport maintenance facility on Airport Property. This facility will be large enough for Airport maintenance staff to store vehicles and equipment while utilizing work shop, office, bathroom, shower and locker space. The facility will be specifically designed for enclosed storage of hazardous materials and equipment, and includes an Airport maintenance work shop. It will also be large enough for indoor storage of all Airport vehicles and equipment when not in use.

Project Justification: Currently Airport maintenance staff store and conduct maintenance activities from Executive Hangar No. 128 on the north side of the Airport. This facility was not built as an aircraft storage hangar, or a maintenance facility. Thus, there are various design elements lacking. Also, the Airport is losing hangar revenue by occupying that particular unit. Creating a dedicated maintenance facility will increase efficiencies and safety of the maintenance staff. It will also free up hangar space for large aircraft which is in high demand.

Project Funding: Airport Fund 210 will fund this one time project.

O&M Cost Assumptions: Annual facility maintenance and repairs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,500,000	$ 2,500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,500,000**	**$ 2,500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**	**$ 25,000**

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Downtown Revitalization Projects – Introductory Comments

The purpose of Downtown Revitalization Projects is to enhance the downtown economically and aesthetically. Expenditures shown in the 2015-17 Capital Improvement Program include relocation of the historic Southern Pacific Railway Depot building on the former Lucky's shopping center property to the Downtown Transit Center site. The other expenditures shown in the 2015-17 Capital Improvement Program are for land acquisition, design and construction of the Livermore Village Parking Garage; demolition of Downtown property to support the Livermore Village site; renovating Mills Square Park to include a new Plaza to commemorate the discovery of the new element "Livermorium"; design and construction of the Railroad Avenue surface lot and acquisition, consolidated waste disposal facilities, and improvements to First Street Paseos. Funding for a variety of projects such as infrastructure for the Livermore Village, downtown parking structures, downtown streetscape, and infill site acquisition are shown in future years.

Projects included in this programmatic area are consistent with the City's General Plan and Downtown Specific Plan. Projects are funded primarily through General Fund, Tax Allocation Bond Funds, federal grants, affordable housing funds, and public/private partnerships.

City of Livermore
20-Year Capital Improvement Plan
Downtown Revitalization

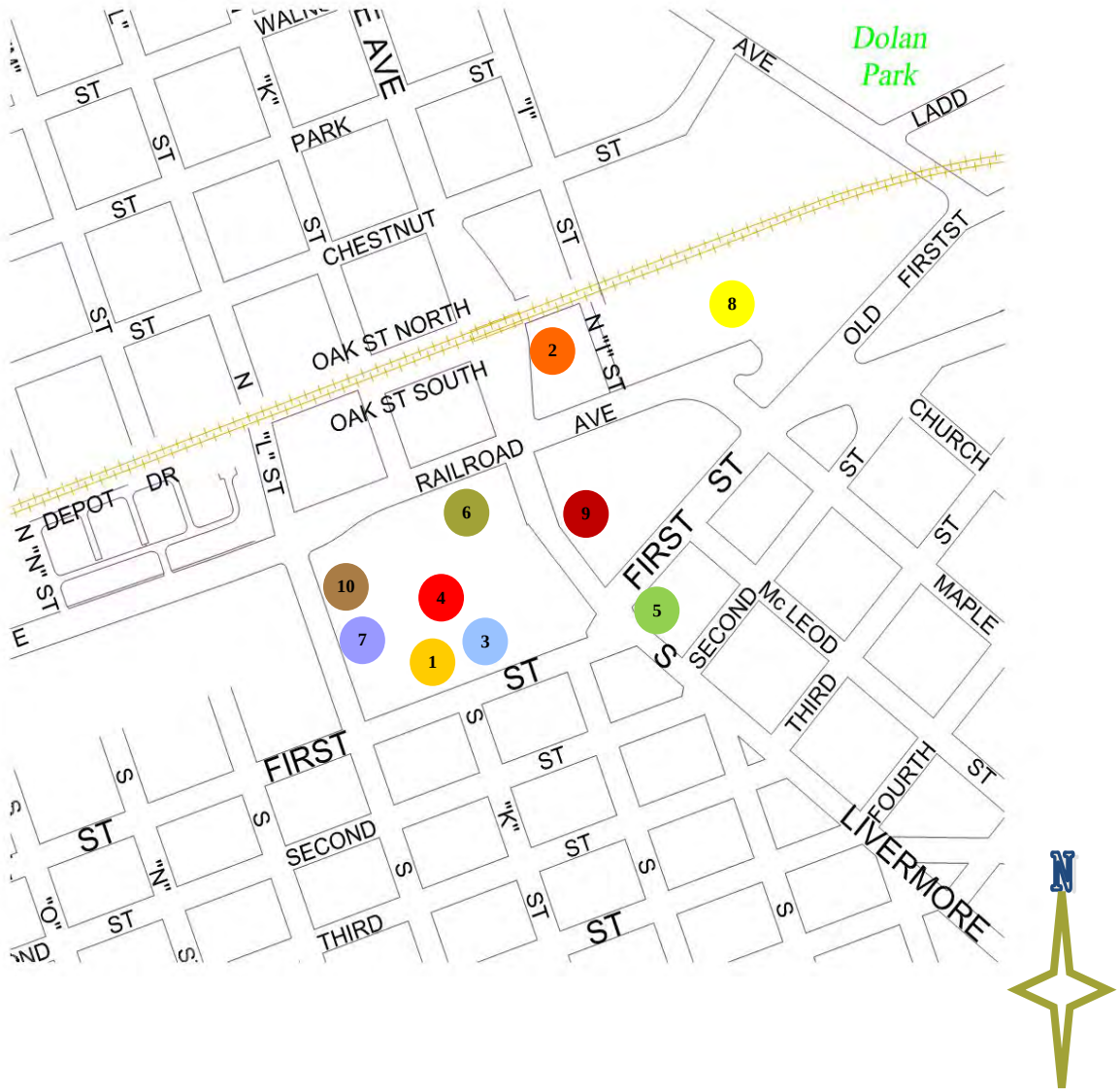
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200437	Improvements to First Street Paseos	Not Started	$ -	$ -	$ -	$ -	$ 400,000	$ -	$ -	$ 400,000
200827	Downtown Streetscape Phase II	Not Started	-	-	-	-	-	-	11,000,000	11,000,000
200847	Railroad Avenue Parking Garage Surface Lot	Not Started	22,560	-	60,000	500,000	-	-	-	582,560
200869	Railroad Avenue/First Street Realignment	Not Started	-	-	-	-	-	-	10,000,000	10,000,000
201434	Acquisition of Downtown Paseo	Not Started	-	-	390,000	-	-	-	-	390,000
201435	Livermore Village Waste Disposal Facility	Not Started	-	-	30,000	30,000	425,000	-	-	485,000
201436	Livermorium Plaza at Mills Square Park	Preliminary Design	-	150,000	750,000	-	-	-	-	900,000
201437	Demolition of Downtown Property	Not Started	19,759	-	100,000	-	-	-	-	119,759
201822	Livermore Village Downtown Parking Garage Land Acquisition	Not Started	-	-	1,000,000	-	-	-	-	1,000,000
580001	Railroad Depot Relocation	In Progress	730,203	241,707	870,000	2,000,000	-	-	-	3,841,910
583011	Railroad Avenue Parking Alternatives Phase 2 - Land Acq	Not Started	695,170	-	-	-	-	-	1,500,000	2,195,170
583012	Railroad Ave Parking Structure Phase 2 Const	Not Started	14,220	-	-	-	-	-	13,000,000	13,014,220
583018	Livermore Village Infrastructure	Not Started	45,572	-	-	-	-	-	1,000,000	1,045,572
583019	Shea Plaza Downtown Waste Disposal Facility	Not Started	-	-	20,000	300,000	-	-	-	320,000
586003	Livermore Village Parking Garage Construction	Not Started	42,820	5,750	1,700,000	14,450,000	-	-	-	16,198,570
586005	Heritage Property Rehab	Not Started	-	-	-	-	-	-	2,000,000	2,000,000
586008	Downtown Public/Private Parking	Not Started	-	-	-	-	100,000	-	-	100,000
Total Funding:			**$ 1,570,303**	**$ 397,457**	**$ 4,920,000**	**$ 17,280,000**	**$ 925,000**	**$ -**	**$ 38,500,000**	**$ 63,592,760**
O&M Cost Estimate:			**$ -**	**$ -**	**$ 1,500**	**$ 58,830**	**$ 63,430**	**$ 61,930**	**$ 2,533,760**	**$ 2,719,450**

PROJECTS FUNDED 14/15 - 16/17

LOCATION MAP LEGEND

1. PASEOS LINKING TO FIRST STREET
2. RAILROAD AVENUE PARKING SURFACE LOT
3. AQUISITION OF DOWNTOWN PASEO
4. LIVERMORE VILLAGE WASTE DISPOSAL FACILITY
5. LIVERMORIUM PLAZA AT MILLS SQUARE PARK
6. DEMOLITION OF DOWNTOWN PROPERTY
7. LIVERMORE VILLAGE DOWNTOWN PARKING GARAGE LAND ACQUISITION
8. RAILROAD DEPOT RELOCATION
9. SHEA PLAZA DOWNTOWN WASTE DISPOSAL FACILITY
10. LIVERMORE VILLAGE PARKING GARAGE



CIP Name: Improvements to First Street Paseos

CIP No: 200437

Location: Downtown

Project Sponsor: Housing Successor Agency

Status: Not Started

Project Description: Complete construction of transition areas between sidewalk and rear parking lots throughout the downtown. Improvements may include trellis, walkways, plants and lighting.

Project Justification: Freedman, Tung and Bottomley (FTB) developed the Downtown Specific Plan and within it identified the Downtown as a "primary pedestrian space". Downtown is further described as a destination through "dramatically transforming the character of the downtown through the transformation of the pedestrian space". These transition spaces have yet to be redeveloped. With the first phase completed, these spaces stand out as a blemish on the redeveloped downtown. The Beautification committee and Livermore Downtown have advocated that these spaces be addressed. Location of walkways shown on Figure 7-4 of the Downtown Specific Plan.

Project Funding:

O&M Cost Assumptions: Maintenance and Operation cost assumptions: 12 hrs/Yr x 5 walkways x $50/hr = $3,000, Materials and Supplies = $1,000 Total: $4,000

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 350,000	$ -	$ -	$ 350,000
687 Measure BB-Bike/Pedestrian	-	-	-	-	50,000	-	-	50,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ -**	**$ -**	**$ 400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Downtown Streetscape Phase II

CIP No: 200827

Location: Downtown

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Street improvement projects in the downtown in accordance with the Downtown Specific Plan (DSP). Multiple projects are included under one title for future breakout. This project includes Phase 2 improvements to First Street, Railroad Avenue from Old First St. to Maple, South Livermore Ave. from Railroad to 3rd St., 3rd Street from M St. to Livermore Ave., and 2nd St. realignment. Improvements will include such items as landscape bulbs for diagonal parking, street furniture, street lights, etc.

Project Justification: This project will implement the Downtown Specific Plan Improvements. The timing of improvements will be dependent on the overall development of the residential projects within the plan area.

Project Funding: Fund W refers to future anticipated revenue, and/or future grant funds.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,000,000	$ 11,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 11,000,000**	**$ 11,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Railroad Avenue Parking Garage Surface Lot **CIP No:** 200847

Location: Railroad Ave. West of I Street

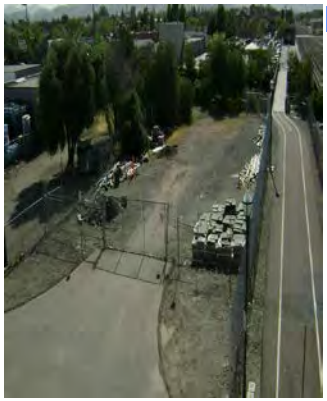
Project Sponsor: Livermore Successor Agency **Status:** Not Started

Project Description: The 2009 Downtown Parking Study identified the need for 800 additional parking spaces to meet the peak parking demand on Saturday evenings. Among Strategies to increase parking supply in the Downtown, construction of new parking facilities was identified. Possible parking facilities include construction of a 500 space parking garage on Livermore Village Site (Project No. 586003), construction of this 70 to 100 space surface lot next to the LVC garage on Railroad Avenue, or construction of phase II Railroad Avenue Parking Structure to add about 300 spaces (Project No. 583012).

Project Justification: This parking facility will replace the 70-space surface lot in LVC that would be removed to allow construction of a hotel on that site. The Downtown Parking Study completed in 2014 identified this project as a short term strategy. In order to meet the current economic cycle for Downtown Revitalization, this facility needs to be expedited.

Project Funding: Fund D represents funding by future Downtown Hotel developer contributions.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: 93,000 ft² x $0.05/ft² = $4,650/yr one overcoat @ 93,000 ft² x $0.20/ft² = $18,600



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation by Others	$ -	$ -	$ 60,000	$ 500,000	$ -	$ -	$ -	$ 560,000
335 Parking In Lieu Fee	18,460	-	-	-	-	-	-	18,460
583 Former RDA TAB Funds	4,100	-	-	-	-	-	-	4,100
Total Funding:	**$ 22,560**	**$ -**	**$ 60,000**	**$ 500,000**	**$ -**	**$ -**	**$ -**	**$ 582,560**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,600**	**$ 4,600**	**$ 93,000**	**$ 102,200**

CIP Name: Railroad Avenue/First Street Realignment

CIP No: 200869

Location: Railroad Avenue and First Street

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project will acquire necessary right of way to realign the intersection of Railroad Avenue/First Street/Old First Street in the East Downtown Gateway. Cost includes business relocations.

Project Justification: This realignment will improve traffic circulation and will provide additional redevelopment opportunities.

Project Funding: Fund W refers to future anticipated revenue, including developer contributions and/or future grants funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000,000	$ 10,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 10,000,000**	**$ 10,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Acquisition of Downtown Paseo

CIP No: 201434

Location: Acquisition of existing pedestrian alley off First Street

Project Sponsor: Housing Successor Agency

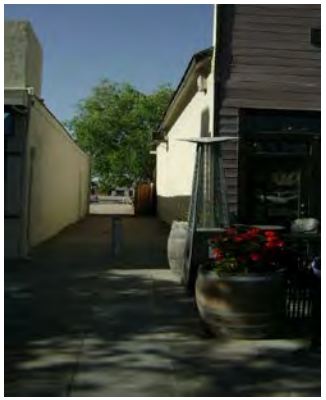
Status: Not Started

Project Description: Obtain a property appraisal report and purchase the right-of-way necessary

Project Justification: The Downtown Specific Plan identified three "pedestrian paseos" which connect First Street to the Livermore Village site. One particular paseo is currently privately owned and is being leased by the City. The City must now acquire the right-of-way in order to maintain this alley as a pedestrian paseo. These paseos represent a key feature linking First Street to public parking. These features will be even more critical with the development of Livermore Village and the new public garage.

Project Funding: If approved by the State, Tax Allocation Bond funds will be substituted for the General Fund.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ -	$ 150,000	$ -	$ -	$ -	$ -	$ 150,000
687 Measure BB-Bike/Pedestrian	-	-	195,000	-	-	-	-	195,000
688 Measure BB-Local St & Rd	-	-	45,000	-	-	-	-	45,000
Total Funding:	**$ -**	**$ -**	**$ 390,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 390,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Livermore Village Waste Disposal Facility

CIP No: 201435

Location: Livermore Village

Project Sponsor: Housing Successor Agency

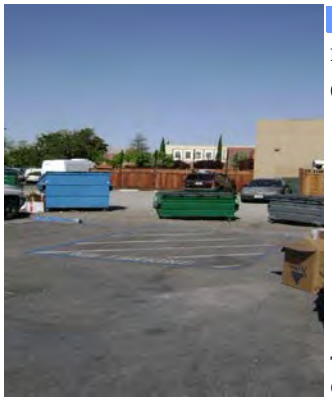
Status: Not Started

Project Description: This project will provide a centrally located trash disposal site for the Livermore Village and existing businesses located on the north side of First Street between S. Livermore Avenue and S. L Street. This facility will be designed to accommodate garbage recycled and organic containers. This project also includes required sewer connection and sprinkler system. One alternative to be considered is to incorporate the waste facility into the new Livermore Village Parking Garage.

Project Justification: The development of the Livermore Village site will exacerbate the need for a centrally located disposal facility. This project will be designed to provide proper truck access and mitigate odor problems and unsightly appearance of multiple trash sites.

Project Funding: Funding in FY15/16 will provide for a site and facility type analysis. FY 16/17 and FY 17/18 expenditures will include design and construction which may be combined with the Livermore Village Parking Garage.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ 30,000	$ 30,000	$ 425,000	$ -	$ -	$ 485,000
Total Funding:	**$ -**	**$ -**	**$ 30,000**	**$ 30,000**	**$ 425,000**	**$ -**	**$ -**	**$ 485,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Livermorium Plaza at Mills Square Park **CIP No:** 201436

Location: 116 First Street (Mill Square Park)

Project Sponsor: CDD - Economic Development **Status:** Preliminary Design

Project Description: Mill Square Park is a public urban park approximately 8,500 square feet, located at the southeast corner of First Street and South Livermore Avenue. This location is recognized as the center of the City's downtown. The City is planning to renovate the park with a new public art work as the centerpiece. The theme of the artwork is "Livermorium", a new element (symbol Lv and atomic number 116) named after the City of Livermore. Site remediation is required by Chevron prior to the park renovation.

Project Justification: This project is located in the center of the downtown and will commemorate the discovery of the new Element "Livermorium". When completed, the community will be able to enjoy a new park and learn about the new element discovered here in Livermore.

Project Funding: Funding for the park improvements include the cost of a Landscape Architect to develop a design concept that compliments the Art piece. The artwork is not funded through the capital improvement program. Funds for this project will be provided from 2011 COP reimbursements from developers within the El Charro Specific Plan. Fund D represents requested contribution from Chevron.

O&M Cost Assumptions: Operations and Maintenance costs are anticipated to cost $1,000. Costs include park irrigation and maintenance as well as maintenance of Art piece.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation by Others	$ -	$ -	$ 175,000	$ -	$ -	$ -	$ -	$ 175,000
001 General Fund	-	-	175,000	-	-	-	-	175,000
347 Fire Stn & Other Cap Proj	-	150,000	400,000	-	-	-	-	550,000
Total Funding:	**$ -**	**$ 150,000**	**$ 750,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 900,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 16,000**	**$ 19,000**

CIP Name: Demolition of Downtown Property

CIP No: 201437

Location: 2121/2139 Railroad Avenue & 74 South L Street

Project Sponsor: CDD - Housing

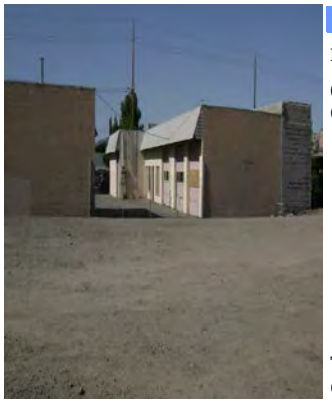
Status: Not Started

Project Description: The KFC building has been demolished. The demolition of vacant buildings at 2121 and 2139 Railroad Avenue are subject to identifying actual housing project use. The demolition of 74 South L Street is required for the new Livermore Village Parking Garage necessary to support the Livermore Village site development.

Project Justification: This project will support the goals of the City's Housing Element of the General Plan by paving the way for new affordable housing units supporting the development goals of the Downtown Specific Plan and Livermore Village site.

Project Funding: Project funding will come from the City's Low Income Housing Fund, Fund 611 for the Railroad Avenue properties and from the General Fund for the 74 South L Street property. If approved by the State, Tax Allocation Bond funds will be substituted for the General Fund.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000
611 Low Income Housing Fund	19,759	-	68,000	-	-	-	-	87,759
Total Funding:	**$ 19,759**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 119,759**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Livermore Village Downtown Parking Garage Land Acquisition **CIP No:** 201822

Location: Downtown (Livermore Village)

Project Sponsor: Housing Successor Agency **Status:** Not Started

Project Description: Obtain property appraisal report, prepare parcel map and purchase remaining property necessary for a new parking structure.

Project Justification: This property acquisition will complete the necssary right-of-way needed to accommodate the new parking structure. The 2009 Downtown parking study identified the need for 800 additional parking spaces to meet the peak parking demand on Saturday evenings. Among strategies to increase parking supply in downtown, construction of new parking facilities was identified. Possible parking facilities include construction of this 500 space parking garage on Livermore Village site (Project #586003), construction of a 70-100 space surface lot next to the LVC garage on Railroad Avenue (Project #200847), or construction of Phase II Railroad Avenue Parking Structure (Project #583012). to add approximately 300 spaces. The Downtown Parking Study completed in 2014, identified the need to construct this parking facility prior to the development of the Livermore Village site.

Project Funding: Project has been accelerated to meet development schedules. Fund W expenditures represent possible Tax Allocation Bond Funds received from the Livermore Successor Agency, Fund 918.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
Total Funding:	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Railroad Depot Relocation **CIP No:** 580001

Location: 20 South L Street

Project Sponsor: Livermore Successor Agency **Status:** In Progress

Project Description: A planning study to retain historic integrity of the building has been completed. This project will preserve the historic Southern Pacific Railway Depot (Depot) building located at 20-22 South L Street, and facilitate the redevelopment of the former Lucky's shopping center property. The Depot will be located to the LAVTA site near the Downtown and preserved as an important historic resource for the City. Total project cost to acquire and relocate and rehabilitate the Depot is estimated to be $3,671,910. Estimated costs include acquisition of the Depot building, title and escrow fees, commissions, appraisal, architectural and site plan design, relocation of the building, site preparation, new utility services, complete rehabilitation of building, landscape and development of tenant relocation plan. This project will also include LAVTA site and parking modifications necessary to accommodate the Depot. Prior years expenditures were for acquistion. FY 15/16 and FY16/17 expenditures are for design, relocation and complete restoration of Depot to its original condition. This project includes $582,325 to repay a loan from the City and is included in the Recognized Obligation Payment Schedule (ROPS).

Project Justification: The Railroad Depot Project is an important historic element with the Downtown Revitalization District. Funding a restoration project to relocate and restore the Depot at a site commensurate with the building's historical significance, not only places and preserves the historical resource in context for future generations, but also facilitates the catalyst housing project at the former Lucky's shopping center property, which is where the depot currently resides.

Project Funding: Fund 656 refers to $2.5 million in TLC/CMAQ grant funds. Required matching funds will be funded by general funds.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 58,293	$ 241,707	$ 370,000	$ -	$ -	$ -	$ -	$ 670,000
580 Former RDA Fund	671,450	-	-	-	-	-	-	671,450
656 Federal Street Grants	-	-	500,000	2,000,000	-	-	-	2,500,000
686 ENG - ACTIA Ped Dwntwn TC	460	-	-	-	-	-	-	460
Total Funding:	**$ 730,203**	**$ 241,707**	**$ 870,000**	**$ 2,000,000**	**$ -**	**$ -**	**$ -**	**$ 3,841,910**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 1,500**	**$ 1,500**	**$ 1,500**	**$ -**	**$ 25,000**	**$ 29,500**

CIP Name: Railroad Avenue Parking Alternatives Phase 2 - Land Acq

CIP No: 583011

Location: Downtown

Project Sponsor: Livermore Successor Agency

Status: Not Started

Project Description: The 2009 Downtown Parking Study identified the need for 800 additional parking spaces to meet the peak parking demand on Saturday evenings. Among Strategies to increase parking supply in Downtown, construction of new parking facilities was identified. Possible parking facilities include construction of a 500 space parking garage on Livermore Village Site (Project No. 583011), construction of a 70 to 100 space surface lot next to the LVC garage on Railroad Avenue (Project No. 2008-47), or construction of phase II Railroad Avenue Parking Structure to add about 300 spaces (Project No. 583012). Acquistion will be needed prior to hotel development. Project costs include acquisition of properties and possible reloation costs.

Project Justification: Additional development in Downtown may trigger the need to construct this parking facility to meet the peak parking demand at buildout. Downtown Parking study completed in 2014 identified this project as a short term strategy.

Project Funding: Fund W represents future anticipated funding sources.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000	$ 1,500,000
583 Former RDA TAB funds	695,170	-	-	-	-	-	-	695,170
Total Funding:	**$ 695,170**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,500,000**	**$ 2,195,170**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Railroad Ave Parking Structure Phase 2 Const

CIP No: 583012

Location: Livermore Valley Center

Project Sponsor: Housing Successor Agency

Status: Not Started

Project Description: The 2009 Downtown Parking Study identified the need for 800 additional parking spaces to meet the peak parking demand on Saturday evenings. Among Strategies to increase parking supply in Downtown, construction of new parking facilities was identified. Possible parking facilities include construction of a 500 space parking garage on the former Lucky Site (Project #586003), construction of a 70 to 100 space surface lot next to the LVC garage on Railroad Avenue (Project #200847, or construction of this phase II LVC garage on Railroad Avenue to add about 300 spaces. The annual parking inventory will identify the timing for construction of these parking facilities. See Project #583011 for property acquisition.

Project Justification: Additional development in Downtown may trigger the need to construct this parking facility to meet the peak parking demand at buildout.Maintenance and Operation cost assumptions:Service to start 2008 / 196,000 s.f. x $0.43 = $84,280 / Painting 1 cycle = $90,000 / Staffing @ .25 FTE's

Project Funding: Fund W represents future anticipated funding. In 2013, the City began it's Downtown Parking Management Study. Results of the study, along with the development of the former Lucky site will help determine the timing and financing of this project.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: Service to start 2008 / 196,000 ft² x $0.43 = $84,280 / Painting 1 cycle = $90,000 / Staffing @ .25 FTE's

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,000,000	$ 13,000,000
583 Former RDA TAB funds	14,220	-	-	-	-	-	-	14,220
Total Funding:	**$ 14,220**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 13,000,000**	**$ 13,014,220**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,438,480**	**$ 1,438,480**

CIP Name: Livermore Village Infrastructure

CIP No: 583018

Location: North Livermore and Railroad Ave

Project Sponsor: Housing Successor Agency

Status: Not Started

Project Description: This project is for the design and construction of public infrastructure and utilities to provide access to the Livermore Village site. Prior year expenditures were for the preliminary design of the initial phase of related improvements, including a portion of road from Livermore Avenue that will run east-west direction (approximately 300LF), sidewalk, lighting and utilities such as storm and water. The development of the Livermore Village will necessitate the final design of the access roadways and appropriately sized utilities.This project must be completed in conjunction with the design of the Livermore Village site.

Project Justification: This project provides street access and utilites for development of the Livermore Village Site.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000
583 Former RDA TAB funds	17,540	-	-	-	-	-	-	17,540
611 Low Income Housing Fund	28,032	-	-	-	-	-	-	28,032
Total Funding:	**$ 45,572**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,045,572**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Shea Plaza Downtown Waste Disposal Facility

CIP No: 583019

Location: 2300 First Street - Behind Madden West Building

Project Sponsor: Livermore Successor Agency

Status: Not Started

Project Description: This project involves modifications to the existing trash disposal site located behind the Madden West Building in the Golden Triangle. Expenditures shown in FY15/16 are for design. FY16/17 expenditures will cover relocation of the trash disposal facility to its ultimate location on the east side of the Bankhead Theater or potentially adjacent to the new hotel. This facility will be designed to accommodate garbage, recycled and organic containers which are needed prior to the development of the Downtown Hotel. This project also includes funding for the required sewer connection and sprinkler system.

Project Justification: Project will mitigate the odor problem associated with the trash disposal and recycle operation. Project will also make provision for truck access and improve the appearance of the enclosure. In order to meet the current economic cycle for downtown revitalization, a study to identify the preferred alterantive both in terms of location and type of faciltiy is needed at this time.

Project Funding: Fund D refers to required contribution per the Development Agreement by Madden for $100,000 and the future new Downtown Hotel contribution estimated at $100,000. The General Fund represents the City's ownership of Bankhead Theater and Shea Plaza.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation by Others	$ -	$ -	$ -	$ 200,000	$ -	$ -	$ -	$ 200,000
001 General Fund	-	-	20,000	100,000	-	-	-	120,000
Total Funding:	**$ -**	**$ -**	**$ 20,000**	**$ 300,000**	**$ -**	**$ -**	**$ -**	**$ 320,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Livermore Village Parking Garage Construction **CIP No:** 586003

Location: Downtown Revitalization

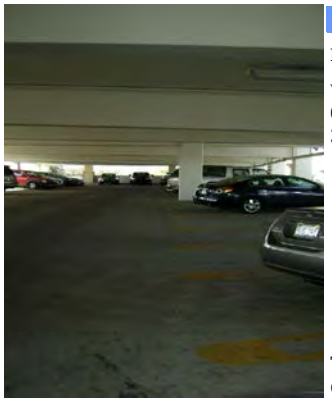
Project Sponsor: Housing Successor Agency **Status:** Not Started

Project Description: The 2014 Downtown Parking Management Study identified the need for 500 additional parking spaces to meet the peak parking demand. The Downtown Specific Plan identifies a potential location on the Livermore Village site along L Street. The City has acquired a portion of the right of way for that location. The remaining right of way acquistion is included with CIP Project No. 201822.

Project Justification: The Livermore Village Parking Garage will need to be in place prior to the Livermore Village development. Due to the lead time required for design and construction of the project, the work program must now begin. Location of the garage site must be finalized. The Livermore Village site was purchased using housing funds and therefore the garage location may be resited in order to maximize housing potential at Livermore Village.

Project Funding: Prior year expenditures were for demolition of the City owned building (old KFC building) on the Livermore Village Site at 50 South L St. FY 15/16 expenditures are for site selection, conceptual and final design efforts. FY 16/17 expenditures are for construction of the parking garage. Fund W expenditures in FY 15/16 represent possible Tax Allocation Bond Funds received from the Livermore Successor Agnecy, Fund 918. Fund W expenditures in FY 16/17 may consist of EFIB, BID, General Fund Obligation Bond and/or contributions by developers.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: 131,000 ft² x $0.43 = $56,330 - annual cost Painting - 1 cycle = $60,000.



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ 500,000	$ 14,450,000	$ -	$ -	$ -	$ 14,950,000
001 General Fund	42,820	5,750	420,000	-	-	-	-	468,570
347 Fire Stn & Other Cap Proj	-	-	780,000	-	-	-	-	780,000
Total Funding:	**$ 42,820**	**$ 5,750**	**$ 1,700,000**	**$ 14,450,000**	**$ -**	**$ -**	**$ -**	**$ 16,198,570**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ 56,330**	**$ 56,330**	**$ 56,330**	**$ 961,280**	**$ 1,130,270**

CIP Name: Heritage Property Rehab **CIP No:** 586005

Location: Various

Project Sponsor: Housing Successor Agency **Status:** Not Started

Project Description: This project is for the preservation and rehabilitation of historic properties and buildings. Projects include but are not limited to the Raboli House and Compound, and the Carnegie Building.

Project Justification: There are many historic buildings located throughout the downtown area. The Livermore Successor Agency over the next few years will have some opportunities to work with the owners of these properties to rehabilitate the structures into a use that is consistent with the Downtown Specific Plan while restoring the historic character of the building.

Project Funding: Fund D refers to future participation by others such as Heritage Guild or other nonprofit parties.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation by Others	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,000,000	$ 2,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,000,000**	**$ 2,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Downtown Public/Private Parking

CIP No: 586008

Location: Various

Project Sponsor: Housing Successor Agency

Status: Not Started

Project Description: This project is for the conversion of private parking lots throughout the downtown areas into public/shared parking lots open to the public through the use of public easements over private parking lots, consistent with the Downtown Specific Plan.

Project Justification: These monies will be used as an incentive to property owners to allow for their existing private parking lots to be used by the public on a full time basis.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ 100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Golf Course – Introductory Comments

The City owns two golf course facilities: the Las Positas Golf Course north of the airport and the Springtown Golf Course on Bluebell Drive. The City operates Las Positas Golf Course through private contracts for services. The City is responsible for capital improvements. The Springtown Golf Course is leased and operated by a private entity and the private operator is responsible for capital investment. Both are treated as separate business entities for purposes of financing and constructing golf course improvements.

The only short term project included in this CIP is for replacement of the HVAC system at Beeb's. Other long term projects included in the out years of the 20-year Capital Improvement Plan at the Las Positas Golf Course include facility expansion and rehabilitation, irrigation and drainage improvements, safety and operations enhancements, handicap accessibility improvements, pump station upgrades, cart path upgrades, cart replacement, landscape rehabilitation and enhancements, fencing, restroom, and maintenance building improvements. Improvements are funded through golf course operating revenues.

City of Livermore
20-Year Capital Improvement Plan
Golf Course

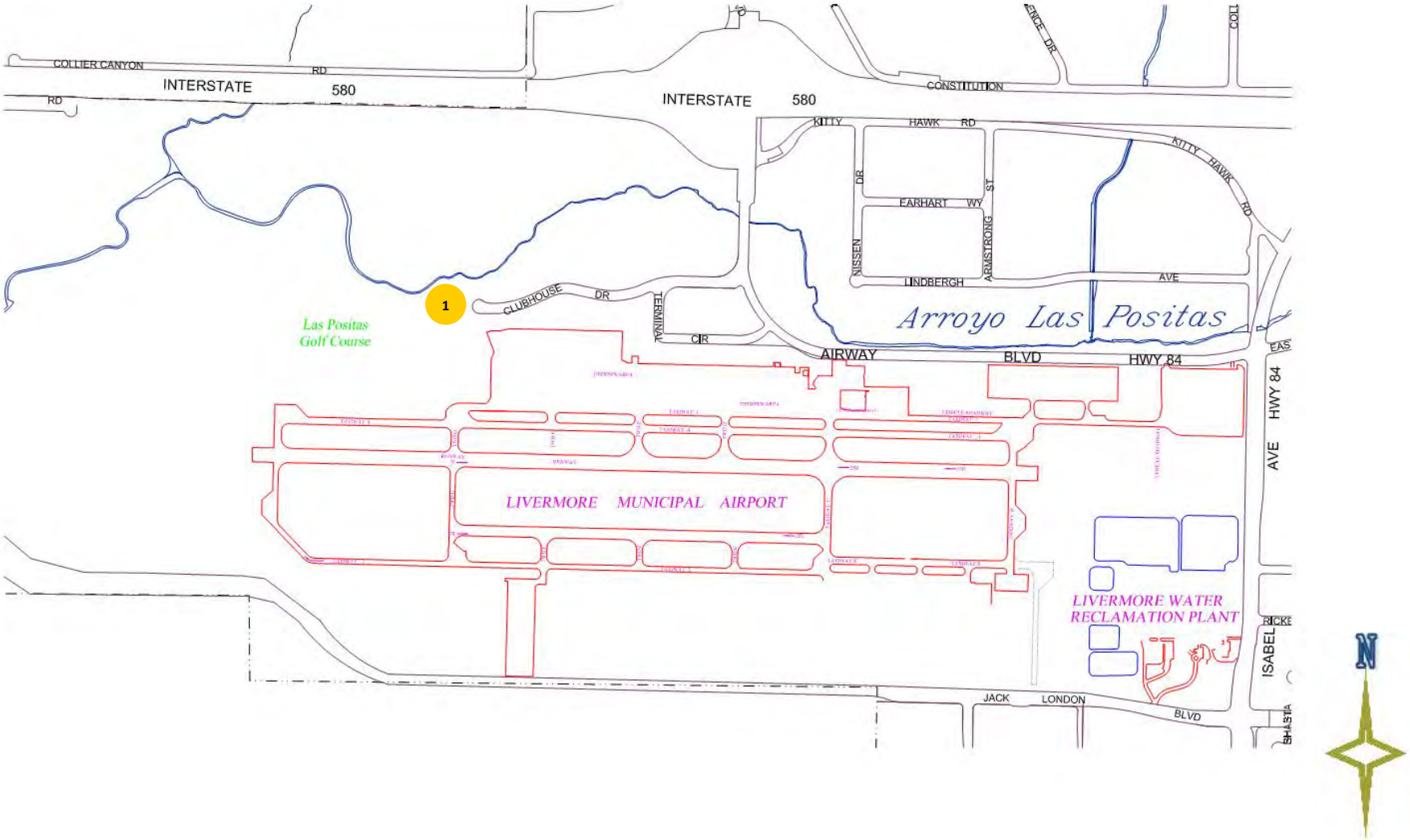
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
199847	Las Positas Golf Course Back-Nine Irrig. Upgrade	Not Started	$ -	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
199914	Las Positas Golf Course Drainage Improvements	Not Started	24,900	-	-	-	-	-	100,000	124,900
199937	Las Positas Golf Course Emergency Water System Conversion	Not Started	12,000	-	-	-	-	-	200,000	212,000
200015	Las Positas Golf Course Hole #15 Restroom Bldg/Sewer Line	Not Started	-	-	-	-	250,000	-	-	250,000
200119	Las Positas Golf Course Access Ramp Revisions	Not Started	-	-	-	-	-	-	110,000	110,000
200625	Las Positas Golf Course Driving Range Staging Area	Not Started	-	-	-	-	150,000	-	-	150,000
200629	Las Positas Golf Course Fencing	Not Started	-	-	-	-	-	-	250,000	250,000
200811	Las Positas Golf Course Maintenance Facility Paving & Structure	Not Started	-	-	-	-	-	-	225,000	225,000
200813	Las Positas Golf Course Pro Shop/Clubhouse Facility Rehab	Not Started	-	-	-	-	-	-	750,000	750,000
200814	Las Positas Golf Course Clubhouse Dr./Parking Lot Landscape Rehab	Not Started	-	-	-	-	-	-	100,000	100,000
200816	Las Positas Golf Course PG&E Electrical Panel	Not Started	-	-	-	-	-	-	150,000	150,000
200819	Las Positas Golf Course Tree Removal - Pruning	Not Started	-	-	-	-	-	-	100,000	100,000
200826	Las Positas Golf Course Exhaust Fans-Grinder & Chemical Room	Not Started	-	-	-	-	-	-	100,000	100,000
201530	HVAC Improvements at the Las Positas Golf Course Restaurant	Preliminary Design	-	225,000	-	-	-	-	-	225,000
201914	Golf Course Drainage Improvements	Not Started	-	-	-	-	-	-	200,000	200,000
Total Funding:			**$ 36,900**	**$ 225,000**	**$ -**	**$ -**	**$ 1,400,000**	**$ -**	**$ 2,285,000**	**$ 3,946,900**
O&M Cost Estimate:			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1 **HVAC IMPROVEMENTS AT THE LAS POSITAS GOLF COURSE RESTAURANT**



CIP Name: Las Positas Golf Course Back-Nine Irrig. Upgrade

CIP No: 199847

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Upgrade the irrigation system (excluding greens) for holes 9, 10-18, Driving Range and Practice Area to utilize valve-in-head sprinklers and the computerized controller network. This new system must be compatible to the systems already in operation on the front-nine holes and the Links 9 Course.

Project Justification: The irrigation system on holes 9, 10-18, Driving Range and Practice Area of the Las Positas Golf Course is 47 years old, and it is difficult to manage the water application on the course, expensive to maintain and inefficient in water application.

Project Funding:

O&M Cost Assumptions: Reduce operational costs annually between $25,000 to $50,000 in water costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ 1,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Drainage Improvements

CIP No: 199914

Location: Las Positas Golf Course Drainage System

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Continue drainage system master plan for the entire Las Positas Golf Course and upgrade the existing drainage system in accordance with the master plan.

Project Justification: Las Positas Golf Course does not drain completely during the winter months. The drainage system will improve playing conditions, increase available playing time, and increase revenues.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ 24,900	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 124,900
Total Funding:	**$ 24,900**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ 124,900**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Emergency Water System Conversion

CIP No: 199937

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: This project includes an emergency conversion system of recycled to the potable water system on a temporary emergency basis.

Project Justification: This project provides emergency backup irrigation water system in case of reclaimed water shutdown. The system will provide only a limited amount of water per application, however system controls shall provide a source of water for a limited time.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ 12,000	$ -	$ -	$ -	$ -	$ -	$ 200,000	$ 212,000
Total Funding:	**$ 12,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 200,000**	**$ 212,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Hole #15 Restroom Bldg/Sewer Line

CIP No: 200015

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

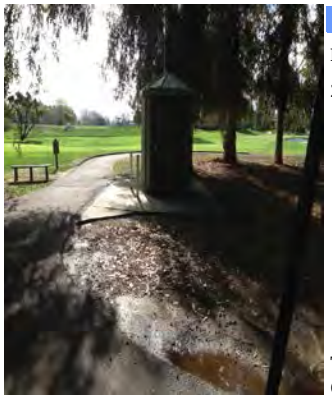
Status: Not Started

Project Description: Replace existing old prefabricated type portable toilets at Hole #15 with a restroom building and construct sewage line (approx. 630 LF from intersection of Airway Blvd. and Clubhouse Drive). Project costs include the Sanitary Sewer Connection fee.

Project Justification: The old existing building has a bad odor in the summer and does not have running water for washing.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ 250,000	$ -	$ -	$ 250,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ 250,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Access Ramp Revisions

CIP No: 200119

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

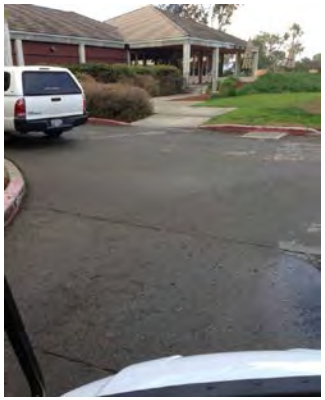
Status: Not Started

Project Description: The ramp revisions include reconfiguring and constructing a handicap ramp at the rear entrance of the banquet facility and revising the existing loading dock ramp. Staff looking into possible Americans with Disabilities Act program funding.

Project Justification: The existing banquet facility entrance and loading dock ramp do not provide for handicap access at the rear entrance and is desired to be reconfigured. Access is through the front of the building.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 110,000	$ 110,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 110,000**	**$ 110,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Driving Range Staging Area

CIP No: 200625

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Install automatic ball machine and shed station for range ball sales. Install lighting on range tee and targets.

Project Justification: The installation of an automatic ball machine and shed for protection and lights at the range tee and targets will bring in additional revenue.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ -	$ 150,000
Total Funding:	**$ -**		**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Fencing

CIP No: 200629

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Replace perimeter fencing along Championship Holes #6, 7, 8, and 12.

Project Justification: The existing fencing is severely damaged and aged. Additionally, although the area is marked by a "No Trespassing" sign, golfers climb over the existing deteriorated fence creating safety concerns.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000	$ 250,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**	**$ 250,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Maintenance Facility Paving & Structure

CIP No: 200811

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Install asphalt paving in the soil interior area of the facility to complete equipment and supply parking lot and construct an overhead/3-sided shelter for protection of materials and equipment.

Project Justification: Asphalt paving will provide adequate parking space for equipment and supplies that protects the items from contaminants. The cover will be utilitized for storage and protection of accessories, large equipment and supplies.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 225,000	$ 225,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 225,000**	**$ 225,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Pro Shop/Clubhouse Facility Rehab

CIP No: 200813

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

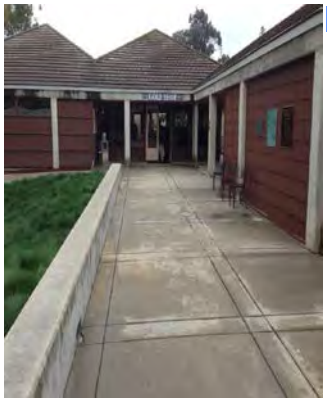
Status: Not Started

Project Description: Rehabilitate Las Positas Golf Course Club House, Pro Shop and Cart Barn.

Project Justification: The clubhouse facilities are in need of enhancements to the 23 year old facility. Renovations include siding, interior remodeling, restrooms and changing area for wedding and events, repair and upgrade to cart barn and proshop renovations.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000	$ 750,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 750,000**	**$ 750,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Clubhouse Dr./Parking Lot Landscape Rehab

CIP No: 200814

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Rehabilitate landscaping on Club House Drive and parking lot planters.

Project Justification: Install appropriate plant material for reclaimed water and maintenance level budgets and expectations. Work includes installing appropriate irrigation for plant materials selected and installed and repairing and replacing the landscape lighting.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ 100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course PG&E Electrical Panel

CIP No: 200816

Location: Las Positas Golf Course @ Hole #1 and #16

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Install a flood control wall or berm around the PG&E electrical panels that serves the lake fountains and aerators and irrigation controllers. This project will protect PG&E electrical service points and panels from flooding by either installing a flood control structure or vertically adjusting the facilities to be above the expected flood level.

Project Justification: The existing PG&E facilities are subject to flooding during storm events and need to be protected from flood waters.

Project Funding:

O&M Cost Assumptions: None

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 150,000	$ 150,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Tree Removal - Pruning

CIP No: 200819

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

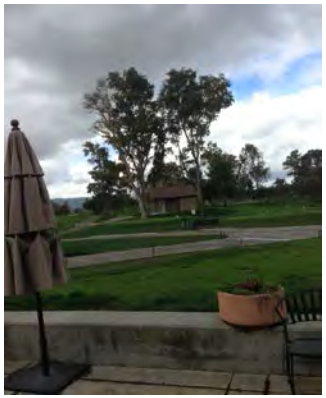
Status: Not Started

Project Description: Prune eucalyptus trees on course.

Project Justification: Removal and proper pruning of the existing trees will provide safety to the golfers, improve maintainability of the course and protect the long term asset of the trees.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ 100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Golf Course Exhaust Fans-Grinder & Chemical Room

CIP No: 200826

Location: Las Positas Golf Course

Project Sponsor: PW - Golf

Status: Not Started

Project Description: Install an exhaust fan in the grinder room and in the chemical room in Building 3 of the maintenance yard.

Project Justification: Safety codes require exterior exhaust fans to be included in each of these rooms to provide adequate ventilation upon entering and working within the areas.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ 100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: HVAC Improvements at the Las Positas Golf Course Restaurant

CIP No: 201530

Location: Las Positas Golf Course

Project Sponsor: Public Works

Status: Preliminary Design

Project Description:

Project Justification: The current HVAC system performed inadequately during the spring and summer of 2014 and subjected patrons to excessive heat, resulting in a loss of revenue.

Project Funding: This project will be funded with the General Fund.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ 225,000	$ -	$ -	$ -	$ -	$ -	$ 225,000
Total Funding:	**$ -**	**$ 225,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 225,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Golf Course Drainage Improvements

CIP No: 201914

Location: Las Positas Golf Course

Project Sponsor: Public Works

Status: Not Started

Project Description: This project will help minimize flooding at the golf course by draining the overflow of ponds, cleaning out the gravity drains between the ponds, installing debris capture devices on the inlet pipes, installing a concrete channel to the culverts at Jack London Boulevard and making some drainage changes to the existing drainage system which flows under Jack London Boulevard.

Project Justification: This project will help minimize the incidence and severity of seasonal flooding which causes closure of the Las Positas Golf Course, thereby minimizing loss of revenue.

Project Funding: Las Positas Golf Course (Fund 270)

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000	$ 200,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 200,000**	**$ 200,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Infrastructure Rehabilitation – Introductory Comments

The City of Livermore is responsible for the upkeep and maintenance including rehabilitation and replacement of infrastructure which are self-funded through user fees (enterprise funded) and those which are funded through City discretionary and non-discretionary revenues (non-enterprise funded). Enterprise funded infrastructure maintenance and rehabilitation are included in the abovementioned special categories. Rehabilitation and maintenance for enterprise funded infrastructure which include the airport, water treatment and collection systems, potable and recycled water systems, and golf courses are typically fully funded via user fee adjustments. Maintenance funding for non-enterprise funded infrastructure such as public buildings, sidewalks, curb & gutter, storm drains, streambeds, street lights and traffic control systems, trees, landscaping, parks and trails, and street pavement maintenance are dependent on non-discretionary federal, state and regional revenues as well as the City's General Fund.

The City's infrastructure is aging and although currently in a functioning state of repair, operational failures have become evident (walls, streambeds, and buildings). The Capital Improvement program continues to provide a moderate level, just over $8 million annual investment to maintain our infrastructure. The budget also includes some funding for replacement such as for Fire Station No. 9 and a new Council Chambers, and funding to rehabilitate landscaping. The level of maintenance has not been able to keep infrastructure in an optimal condition, nor have adequate funds been set aside for rehabilitation and replacement resulting in a significant unfunded maintenance backlog in the hundreds of millions of dollars.

The Council has recognized the critical need associated with the City's chronic underfunding for infrastructure maintenance and rehabilitation. In the past two years, the City has embarked upon an asset management program for its enterprise funded activities and has been establishing policies to assure that user fees and maintenance and rehabilitation needs are coordinated. In this Capital Improvement Program, $500,000 has been allocated for an Asset Management Program for non-enterprise funded infrastructure. The goal of the program is to keep the infrastructure in a sound operating state. Solutions may include divesting ourselves of certain infrastructure, altering standards and supplementing funding sources, to avoid further escalating costs of major repairs or complete reconstruction required to restore the infrastructure's integrity.

City of Livermore
20-Year Capital Improvement Plan
Infrastructure / Rehab

PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200840	Citywide Landscape Enhancements	Not Started	$ -	$ -	$ -	$ 50,000	$ 100,000	$ -	$ 31,000,000	$ 31,150,000
201612	Asset Management Plan	Not Started	-	100,000	300,000	200,000	-	-	-	600,000
201812	Citywide Park Facilities Rehabilitation	Not Started	-	-	-	-	-	-	731,000	731,000
800001	Traffic Control Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	21,060,000	21,060,000
800002	Streetlight Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	14,040,000	14,040,000
800003	Streambed Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	33,600,000	33,600,000
800004	Storm Drain Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	171,800,000	171,800,000
800005	Slurry Seal Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	38,080,000	38,080,000
800006	Pavement Overlay Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	70,720,000	70,720,000
800007	Curb & Gutter Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	59,400,000	59,400,000
800008	Sidewalk Supplemental Maintenance Funding	Not Started	-	-	-	-	-	-	86,320,000	86,320,000
800009	Building Maintenance	Not Started	-	-	-	-	-	-	24,500,000	24,500,000
800010	Landscaping, Parks and Trails Supp Maint Funding	Not Started	-	-	-	-	-	-	70,100,000	70,100,000
Total Funding:			**$ -**	**$ 100,000**	**$ 300,000**	**$ 250,000**	**$ 100,000**	**$ -**	**$621,351,000**	**$622,101,000**
O&M Cost Estimate:			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Citywide Landscape Enhancements

CIP No: 200840

Location: City-wide

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: There are multiple objectives for this project. The first objective is to provide an evaluation and assessment of the City's roadside landscape improvements, provide a comprehensive report on the findings, and deliver a proposed renovation program for renovating the City's aging roadside landscape improvements. The second objective is to design and construct the landscape improvements/renovations of the designated projects along the major corridors in the City.

Project Justification: Once completed, the City's medians and roadside landscape will enhance the City's visual image and improve the vitality of the community.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ 50,000	$ 100,000	$ -	$ 31,000,000	$ 31,150,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ 100,000**	**$ -**	**$ 31,000,000**	**$ 31,150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Asset Management Plan

CIP No: 201612

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Prepare Asset Management Plan that covers all City infrastructure with insufficient mantenance and replacement funding. Report would inventory, map and assess the condition of all major underfunded infrastructure; assess the probablility of failure and consequence of failure; and estimate required maintenance and replacement costs. Underfunded infrastructure includes storm drains, streambeds, streetlights, traffic signals, street pavement, curb & gutters, sidewalks, landscaping, parks, trails, buildings and decorative walls/soundwalls.

Project Justification: The report would identify required maintenance and replacement funding for these City assets. These underfunded projects typically compete for General Funds. The report would prioritize these maintenance and replacement projects based on risks.

Project Funding: General Fund

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ 100,000	$ 300,000	$ 200,000	$ -	$ -	$ -	$ 600,000
Total Funding:	**$ -**	**$ 100,000**	**$ 300,000**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ 600,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Citywide Park Facilities Rehabilitation

CIP No: 201812

Location: Various Locations

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: This project will provide improved conditions of the City parks at Airport, Arroyo Rd, Barn, Brick Yard, Mills Square, Community Center, Crater Way, Dolan, East Ave Greens, Fifth St , Hansen, Old Library, Maderia, Portola, and Quezaltenango. Needed improvements such as repairs to arbors, benches, drinking fountains, install trash cans, and repair hardscape. Parks operated by LARPD are not included.

Project Justification: The project will ensure the reliability and provide safe and usable access of the city parks for the public's enjoyment.

Project Funding: General Fund

O&M Cost Assumptions: None

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 731,000	$ 731,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 731,000**	**$ 731,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Traffic Control Supplemental Maintenance Funding

CIP No: 800001

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance shortfall to perform routine and rehabilitative maintenance on traffic signals, traffic signs and pavement traffic striping to address previously deferred maintenance.

Project Justification: Project will upgrade and install new traffic signals, replace traffic signs, and replace pavement traffic striping throughout the City that are in need of improvement.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,060,000	$ 21,060,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 21,060,000**	**$ 21,060,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Streetlight Supplemental Maintenance Funding

CIP No: 800002

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance shortfall to perform routine and rehabilitative maintenance on streetlights to address previously deferred maintenance.

Project Justification: Project will replace streetlights throughout the City.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 14,040,000	$ 14,040,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 14,040,000**	**$ 14,040,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Streambed Supplemental Maintenance Funding

CIP No: 800003

Location: Las Positas Creek

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance to perform routine and rehabilitative maintenance on streambeds to improve flow capacity and to address previously deferred maintenance.

Project Justification: Project will improve streambed flow capacity in Las Positas Creek.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,600,000	$ 33,600,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 33,600,000**	**$ 33,600,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Storm Drain Supplemental Maintenance Funding

CIP No: 800004

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance to perform routine and rehabilitative maintenance including construction of storm drain improvements to correct existing storm drain system capacity deficiencies not attributable to new development.

Project Justification: Project will repair storm drains throughout the City and provide for required replacement to increase flow capacity in existing deficient storm drains.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 171,800,000	$ 171,800,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 171,800,000**	**$ 171,800,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal Supplemental Maintenance Funding

CIP No: 800005

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance to perform routine and rehabilitative maintenance slurry seals on street pavement to address previously deferred maintenance.

Project Justification: Project will slurry seal street segments throughout the City.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 38,080,000	$ 38,080,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 38,080,000**	**$ 38,080,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Pavement Overlay Supplemental Maintenance Funding

CIP No: 800006

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additonal annual maintenance funding to perform routine and rehabilitative maintenance overlays on streets to address previously deferred maintenance.

Project Justification: Project will restore pavement sections throughout the City.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 70,720,000	$ 70,720,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 70,720,000**	**$ 70,720,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Curb & Gutter Supplemental Maintenance Funding

CIP No: 800007

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance shortfall to perform routine and rehabilitative maintenance on curb & gutter to address previously deferred maintenance.

Project Justification: Project will repair curb & gutter throughout the City.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 59,400,000	$ 59,400,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 59,400,000**	**$ 59,400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sidewalk Supplemental Maintenance Funding

CIP No: 800008

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additonal annual maintenance to perform routine and rehabilitative maintenance on sidewalks to address previously deferred maintenance.

Project Justification: Project will repair sidewalk sections throughout the City

Project Funding:

O&M Cost Assumptions:

TRUE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 86,320,000	$ 86,320,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 86,320,000**	**$ 86,320,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Building Maintenance

CIP No: 800009

Location: City wide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance shortfall to perform routine and rehabillitative maintenance on non-enterprise-funded buildings and modify all existing City-owned buildings to comply with the latest Americans with Disabilities Act regulations and Section 504 of the Rehabilitation Act of 1973 in accordance with the City Transition Plan.

Project Justification: This project will remove architectural barriers in City facilities making them more accessible to Livermore's disabled citizens.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 24,500,000	$ 24,500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 24,500,000**	**$ 24,500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Landscaping, Parks and Trails Supp Maint Funding

CIP No: 800010

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Additional annual maintenance shortfall to perform routine rehabilitative maintenance on City-owned Trees, Landscaping, Parks, and Trails to address previously deferred maintenance.

Project Justification: Project will rehabilitate or replace City-owned trees, landscaping, parks and trails.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
U Unfunded Infrastructure Maintenance C	$ -	$ -	$ -	$ -	$ -	$ -	$ 70,100,000	$ 70,100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 70,100,000**	**$ 70,100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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Miscellaneous Projects – Introductory Comments

Miscellaneous projects include those projects that do not easily fit within one of the other Capital Improvement Plan programmatic categories. The most prominent projects within the 2015-17 Capital Improvement Program include the Raymond Road landfill rehabilitation, and the Toyota Wetland Mitigation Project. Projects in this category are funded from a variety of sources including development impact fees, third party contributions and the General Fund.

City of Livermore
20-Year Capital Improvement Plan
Miscellaneous

PROJECT FUNDING & COST ESTIMATE

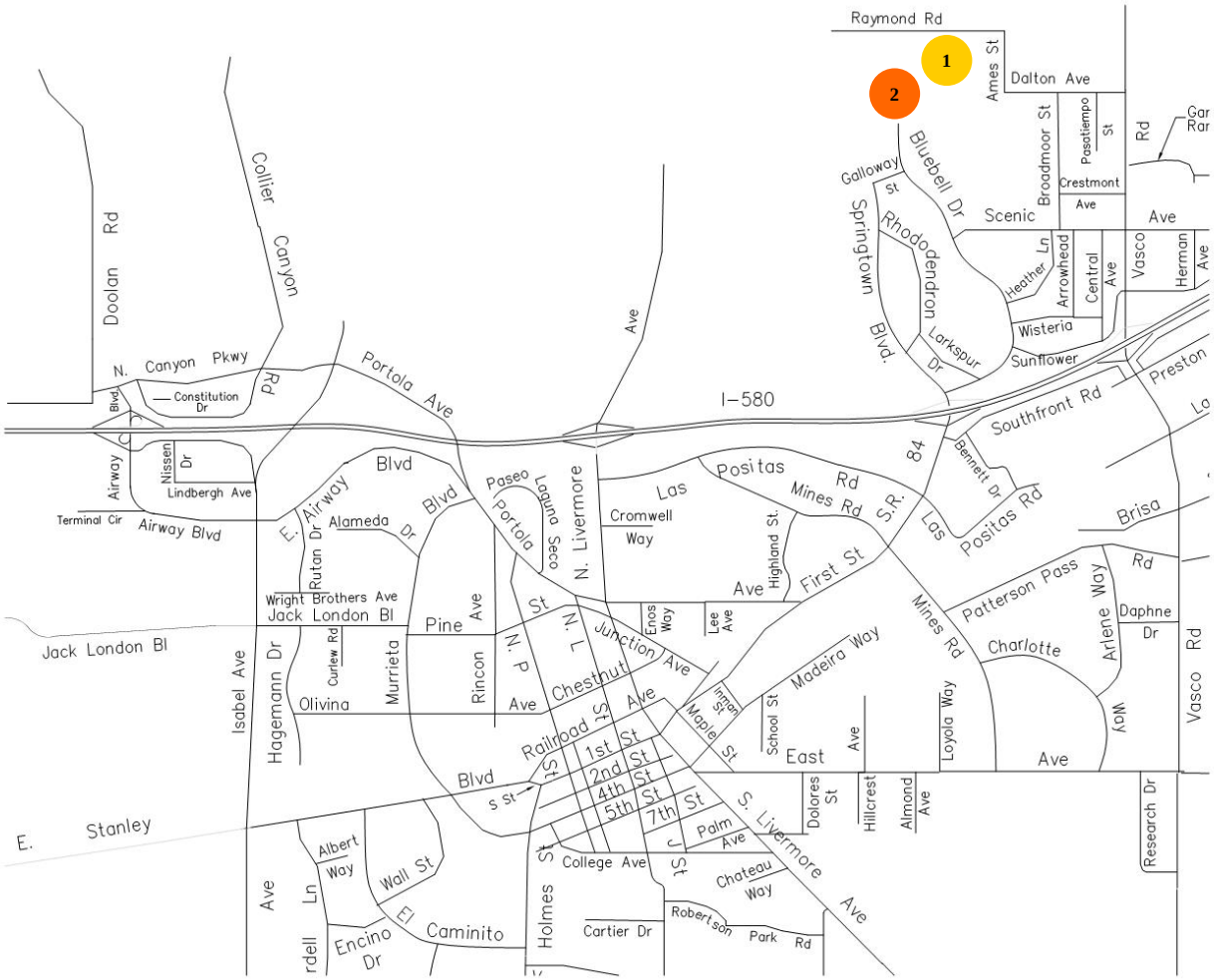
Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200454	Open Space Easements/Fee Title/Water Rights Acqstn	In Progress	150,000	-	-	-	-	-	4,460,000	4,610,000
200620	Raymond Road Landfill Rehabilitation	In Progress	201,801	835,000	835,000	310,000	-	-	-	2,181,801
200637	Civic Center Library Parking Lot Expansion	Not Started	-	-	-	-	-	-	125,000	125,000
201035	Toyota Wetland Mitigation Project	In Progress	531	5,000	20,000	20,000	20,000	-	20,000	85,531
Total Funding:			**$ 352,332**	**$ 840,000**	**$ 855,000**	**$ 330,000**	**$ 20,000**	**$ -**	**$ 4,605,000**	**$ 7,002,332**
O&M Cost Estimate:			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 68,000**	**$ 68,000**

LOCATION MAP LEGEND

1 **RAYMOND ROAD LANDFILL REHABILITATION**

2 **TOYOTA WETLAND MITIGATION PROJECT**

PROJECTS FUNDED 14/15 - 16/17



CIP Name: Open Space Easements/Fee Title/Water Rights Acqstn

CIP No: 200454

Location: To be determined

Project Sponsor: CDD - Planning

Status: In Progress

Project Description: Acquisition of right-of-way for open space easements or fee title. Acquisitions will be coordinated with Livermore's open space/agricultural enhancements programs and a citizen's group (Citizens for Balanced Growth).

Project Justification: Pursuant to the Dougherty Valley Settlement Agreement, the City receives funds (approximately $1,000/unit) from developers in Dougherty Valley. There is a total of 5,170 units that are subject to the agreement. These funds will be used to purchase open space easements or fee title at locations determined jointly by the City and the Citizens for Balanced Growth. The City Council may provide direction regarding utilizing the funds to purchase agricultural water rights, that could be offered in turn for open space easements. On January 26, 2009, the City Council authorized reimbursement of City-incurred expenses from the interest earned on these funds.

Project Funding: Fund 925 refers to funds received from Zone 7 pursuant to the settlement agreement for development in Dougherty Valley.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
925 Zone 7 (Doerty Vly) Stlmt	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ 4,460,000	$ 4,610,000
Total Funding:	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,460,000**	**$ 4,610,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Raymond Road Landfill Rehabilitation

CIP No: 200620

Location: Raymond Road Landfill

Project Sponsor: Community Development

Status: In Progress

Project Description: This is an old landfill owned by the City that needs its soil cap rehabilitated to be compliant with all federal, state, and county regulations. The cap of the landfill has unevenly settled and requires 160,0000 cubic yards of clean soil imported and graded to drain. The City has entered into an agreement with a Contractor to import clean soil and grade the landfill site with a soil cap during the next 3 years until mid 2016 at no cost for construction. Expenditures shown are for City staff time to administer contract in the field and for consultant costs for biological monitoring and soils testing.

Project Justification: If no action is taken, additional waste would be exposed and the problem would be compounded, thus increasing the cost for mitigation and the City will continue to be out of compliance with State regulation for closed landfills.

Project Funding: Fund D is estimated cost for contractor to import clean fill soil and grade cap at no cost to City. Fund 001 covers administration, inspection, materials testing and monitoring costs. Approximately 25% of the $2.5 Million in clean import fill has been placed in prior years with an estimated savings of $625,000 to date.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ 800,000	$ 800,000	$ 275,000	$ -	$ -	$ -	$ 1,875,000
001 General Fund	153,440	35,000	35,000	35,000	-	-	-	258,440
310 LCPFA 2008 COPS CF	48,361	-	-	-	-	-	-	48,361
Total Funding:	**$ 201,801**	**$ 835,000**	**$ 835,000**	**$ 310,000**	**$ -**	**$ -**	**$ -**	**$ 2,181,801**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ 50,000**

CIP Name: Civic Center Library Parking Lot Expansion

CIP No: 200637

Location: Civic Center Library

Project Sponsor: Library

Status: Not Started

Project Description: Project will construct AC pavement to support approximately 25 parking spaces on the southeast side of the Civic Center Library.

Project Justification: During special events and heavy-use days, the existing parking lot in front of the Library fills up, forcing patrons to park on South Livermore Avenue. This project will create employee parking behind the library which should open up additional spaces for library patrons in the main library parking lot.

Project Funding:

O&M Cost Assumptions: Maintenance and Operation costs assume 15,000 ft² of pavement, AC overcoat at $0.20/ft² at years 7 and 14, and annual sweeping, and pavement maintenance at $0.05/ft².

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 125,000	$ 125,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 125,000**	**$ 125,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 18,000**	**$ 18,000**

CIP Name: Toyota Wetland Mitigation Project

CIP No: 201035

Location: City's Springtown Alkali Sink Preserve at Hartford Lane

Project Sponsor: Community Development

Status: In Progress

Project Description: Construct a 0.20 acre wetland habitat within the City's Springtown Alkali Sink Preserve. This includes the mitigation area plus required buffer area. This project mitigates a loss of 0.95 acres of existing wetland due to the development of a new car dealership along the north side of Northfront Road. Development of mitigation area completed in 2014. Five-year monitoring began 2014/15.

Project Justification: To facilitate the environmental mitigation required by the car dealership to perform on City land.The Developer has paid $100,000 into the planning bond and trust account. Funds are transferred to this project based upon invoices received from the City's environmental consultant and future contractor to implement the mitigation work.

Project Funding: General Funds (Fund 001) for environmental monitoring and inspection costs during construction and five-year monitoring after construction.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 531	$ 5,000	$ 20,000	$ 20,000	$ 20,000	$ -	$ 20,000	$ 85,531
Total Funding:	**$ 531**	**$ 5,000**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ 20,000**	**$ 85,531**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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Parks and Beautification – Introductory Comments

The objective of the Parks and Beautification programmatic areas is to improve, renovate, and enhance existing City maintained park areas, public spaces, roadways, and medians. Although the Livermore Area Recreation and Park District (LARPD) is the responsible agency for maintaining the park system in Livermore, there are a number of City owned properties as well as streetscapes that are constructed and maintained by the City. Projects that are funded in the 2015-17 Capital Improvement Program include the Citywide Decorative Wall Replacement, Centralized Irrigation System improvements, Carnegie Park Rehabilitation, Park Fee Update and Park Facility Fee Reimbursements.

Projects in future years of the 20-year Capital Improvement Plan include the upgrade of irrigation systems, landscape rehabilitation, median rehabilitation, fountain renovation, decorative backing lot wall replacement, tree inventory, and improvements to the City owned parcel along the Arroyo Mocho near Holmes Street. Projects are suggested by the Beautification Committee, the Planning Commission, the City Council, LARPD, neighborhood groups, and City staff. The primary funding source for Parks and Beautification projects is the General Fund, and Park in Lieu fees with augmentation by grant programs.

Projects listed herein comply with the goals and policies of the City's General Plan and Downtown Specific Plan and the Park Facilities Fee Study.

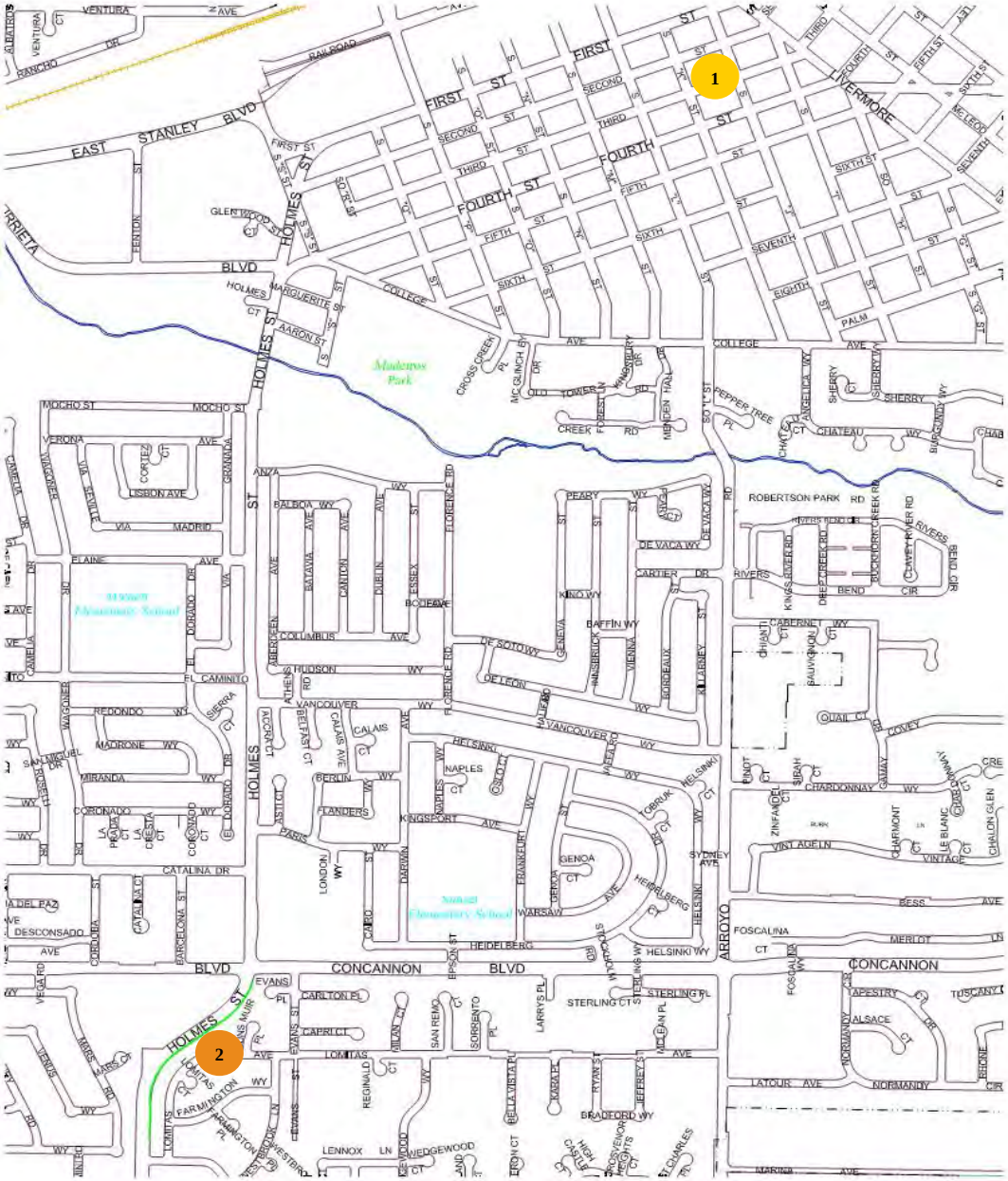
City of Livermore
20-Year Capital Improvement Plan
Parks & Beautification

PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
199473	Centralized Irrigation System (CIS)	In Progress	177,630	400,000	700,000	-	-	-	-	1,277,630
200411	Murrieta Blvd. Landscape Improvements Phase 1, 2, 3	Not Started	-	-	-	-	-	200,000	2,075,000	2,275,000
200427	Jack London Landscape Rehabilitation Project	Not Started	-	-	-	-	125,000	-	-	125,000
200429	Doolan Park Landscape Rehabilitation Project	Not Started	-	-	-	-	125,000	-	-	125,000
200512	Downtown Landscape Rehabilitation	Not Started	-	-	-	-	100,000	-	-	100,000
200646	Park Facilities Fee Reimbursements	In Progress	925,722	3,170,000	4,470,000	4,600,000	-	-	-	13,165,722
200654	Decorative Wall Replacement - Citywide	Preliminary Design	76,696	143,000	1,200,000	-	800,000	-	8,305,600	10,525,296
200658	Tree Inventory	Not Started	-	-	-	-	170,000	-	750,000	920,000
200660	Carnegie Park Rehabilitation	In Progress	93,630	40,000	20,000	20,000	20,000	-	396,000	589,630
201022	Holmes and Arroyo Mocho Vacant Lot Landscaping	Not Started	-	-	-	-	-	-	110,000	110,000
201023	Holmes and Deer Hollow Landscaping	Not Started	-	-	-	-	-	-	220,000	220,000
201321	Park Fee Update	Not Started	-	-	80,000	-	-	-	-	80,000
201524	Carnegie Park Enhancements	Not Started	-	-	-	-	-	-	500,000	500,000
201813	Citywide Street Tree Irrigation	Not Started	-	-	-	-	350,000	-	3,850,000	4,200,000
201828	Brickyard Fountain Renovation	Not Started	-	-	-	-	-	-	500,000	500,000
Total Funding:			**$ 1,273,678**	**$ 3,753,000**	**$ 6,470,000**	**$ 4,620,000**	**$ 1,690,000**	**$ 200,000**	**$ 16,706,600**	**$ 34,713,278**
O&M Cost Estimate:			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 170,000**	**$ 170,000**

LOCATION MAP LEGEND

1. CARNEGIE PARK REHABILITATION
2. DECORATIVE WALL REPLACEMENT



CITYWIDE PROJECTS:

- CENTRALIZED IRRIGATION SYSTEM (CIS)
- PARK FACILITIES FEE REIMBURSEMENT
- PARK FEE UPDATE

CIP Name: Centralized Irrigation System (CIS)

CIP No: 199473

Location: Various Locations

Project Sponsor: PW - Landscape/Parks

Status: In Progress

Project Description: This project replaces 15 to 30 year-old stand alone irrigation controllers that have exceeded their useful life with the City's standard installation of telemetry controlled Centralized Irrigation System (CIS) controllers and a communication link by the City. At the requested funding level, 84 old controllers will be replaced out of a total of 488 city wide. This project will also replace some existing irrigation controllers with web-based controller models.

Project Justification: The upgrade will allow staff to monitor, adjust and evaluate water use on a daily basis and more effectively manage the irrigation of the $30,000,000 in public landscaping. This will also help reduce water usage and costs. All new development is required to install this system in their respective landscape area.

Project Funding: 71 of these controllers will be funded by the General Fund. 13 of the controllers are located within and funded by Landscape Maintenance Districts. Additional controllers will be installed in landscape Maintenance Districts as funding becomes available.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 177,630	$ 400,000	$ -	$ -	$ -	$ -	$ -	$ 577,630
259 Water Replacement	-	-	375,000	-	-	-	-	375,000
614 Maintenance District L&Ld	-	-	325,000	-	-	-	-	325,000
Total Funding:	**$ 177,630**	**$ 400,000**	**$ 700,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,277,630**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Murrieta Blvd. Landscape Improvements Phase 1, 2, 3 **CIP No:** 200411

Location: Murrieta Blvd.

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Phase 1: Murrieta Blvd. from Del Norte Dr. to Chippewa St. includes reconstruction of median islands, new median irrigation, landscaping and sidewalk. Phase 2: Murrieta Blvd. from Chippewa St. to Pine St. includes reconstruction of median islands, new median irrigation, landscaping and sidewalk; and from Cedar Dr. to Pine St. includes reconstruction of medians, new median irrigation and landscaping. Phase 3: Murrieta Blvd. from Holmes St. to Fenton Street includes sidewalk. Out years expenditures are for design and construction of phases 1, 2 and 3.

Project Justification: Provides for beautification of one of the City's major corridors and improves traffic safety. The median along Murrieta Blvd along these reaches has reached the end of its useful and need to be replaced because it is too short.

Project Funding: Fund 678 refers to Measure B Programmatic Pass-Through Funds.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 1,350,000	$ 1,450,000
678 Measure B-2000 Pass-Thru	-	-	-	-	-	100,000	725,000	825,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 200,000**	**$ 2,075,000**	**$ 2,275,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 165,000**	**$ 165,000**

CIP Name: Jack London Landscape Rehabilitation Project

CIP No: 200427

Location: Jack London between Curlew and Isabel

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: Rehabilitation of landscape area located along the south side of Jack London between Curlew St. and Isabel Avenue. This project will replace the plants that were damaged and removed during the installation of the Isabel Extension Project. This landscaping work will occur after the decorative wall is repaired as part of Decorative Wall Replacement Project 200654.

Project Justification: The plants were significantly damaged during the installation of the Isabel Extension Project. Replacing the damaged plants will improve the visual appearance of the area and the community.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 125,000	$ -	$ -	$ 125,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 125,000**	**$ -**	**$ -**	**$ 125,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Doolan Park Landscape Rehabilitation Project

CIP No: 200429

Location: Doolan Park

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: This is the second and final phase. The project complements and completes the rehabilitation of Doolan Park at Junction Avenue Middle School by installing an irrigation system around the perimeter of the park and placing appropriate plant materials, and a new park sign. Maintenance staff will work with contractors to perform work.

Project Justification: Previous projects included a newly renovated tot lot play area that is ADA accessible, new benches, tables and garbage containers made from recycled materials, and a newly renovated walkway. This work will further add to the work previously completed. The park currently needs new playground bark at $5,000-7,000 to meet playground safety standards.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 125,000	$ -	$ -	$ 125,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 125,000**	**$ -**	**$ -**	**$ 125,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Downtown Landscape Rehabilitation

CIP No: 200512

Location: Railroad Ave. from Stanley to P Street

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: This project compliments and completes the landscape rehabilitation at the entrances into the Downtown core. Improvements may include improved plant material, irrigation systems, hardscape, etc. Improvements will occur at the many landscaped areas throughout the Downtown.

Project Justification: There are many existing landscape parcels located throughout the Downtown area. Many of these landscape areas act as gateways into the Downtown area. The rehabilitation of these areas is necessary to developing a landscaping theme that is consistent with the downtown redevelopment.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ 100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Park Facilities Fee Reimbursements

CIP No: 200646

Location: Citywide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Park facilities fees are collected by the City and reimbursed to LARPD for eligible LARPD capital improvement projects identified in LARPD's Capital Improvement Program/Master Plans. Current budget numbers are only rough estimates. Actual reimbursement will depend on the actual Park Facilities Fees revenue collected. The funds reserved for trails portion may be identified for City projects. See City Project 200655 (Trail Segment L19 under the Portola Overcrossing).

Project Justification: Provides reimbursement of construction cost for Park Facilities fee projects that are constructed by LARPD. Projects include: Sycamore Grove Park Bobba Parcel acquisition and improvements, LARPD CIP #904; Sycamore Grove Park Restrooms and Interpretive Nature Education Improvements, LARPD CIP #021; Holdener Park Trail, LARPD CIP #803; Ravenswood Historic Site Upgrades, LARPD CIP #209; Parks, Rec, and Trail Master Plan Update, LARPD CIP #328; Cayetano Park Inspection, Legal and Staff Time, and Additional Improvements, LARPD CIP #627; May Nissen Park BBQ and Playground Renovation, LARPD CIP #508; Marlin Pound and Murrieta Parks Trail/Creek Bank Stabilization, LARPD #326; Robertson Park Stadium Retaining Wall and Railings, LARPD CIP #321; Robertson Park West Parking Development Plan, LARPD CIP #914; Robertson Park Upper Arena Renovation, LARPD CIP #106; Sycamore Grove Park Upper Property Loop Trails, LARPD CIP #630; Stcamore Grove Park Arroyo Del Valle Trail Rehabilitation, LARPD #603; Jane Adams Preschool Playground Renovation, LARPD CIP #327; Big Trees Park Playground Renovation, LARPD CIP #426; Pleasure Island Park Playground Renovation, LARPD CIP #426; Sunken Gardens Bicycle Skills Course, LARPD CIP #451; Girls Softball Fields, LARPD CIP #452; Dog Parks Skill and Agility Course, LARPD CIP #453; Altamont Creek Dog Park, LARPD CIP #434; Robert Livermore Park Snack Shack, LARPD CIP #701; Wattenburger Park Perimiter Path Inspection, Legal and Staff Time LARPD CIP #213; Robertson Park Scoreboards LARPD CIP #430; Garaventa Wetlands Monitoring and Protection LARPD CIP #447

Project Funding: The expenditures shown include $50,000/year to administer the program.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
337 Park Fee - AB 1600	$ 925,722	$ 3,170,000	$ 4,470,000	$ 4,600,000	$ -	$ -	$ -	$ 13,165,722
Total Funding:	**$ 925,722**	**$ 3,170,000**	**$ 4,470,000**	**$ 4,600,000**	**$ -**	**$ -**	**$ -**	**$ 13,165,722**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Decorative Wall Replacement - Citywide

CIP No: 200654

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Preliminary Design

Project Description: There are many miles of decorative walls built as part of housing developments along major streets throughout the City. Recently walls have failed along Holmes Street, Jack London Blvd, Murrieta and Stanley Blvd. Causes of failure vary from private property soil/structure surcharges, tree roots, drainage impediments and the age of the wall itself. The City is conducting engineering analysis for these identified sections of wall to determine replacement strategies.

Project Justification: These walls were constructed in the 1960s as non-load bearing decorative walls. The wall failures are accelerating in several locations and some have caused closure of pedestrian walkways. Replacement of these aging decorative walls through out the City will improve safety and retain aesthetics and reduce the cost of on-going maintenance and repair.

Project Funding: Funding sources include General Funds (Fund 001), Former Route 84 Repair Funds (Fund 336), 2008 COPS (Fund 310) and potential revenue from private parties (Fund D). FY 15/16 expenditures are for repairs to critically failing walls on Holmes Street south of Concannon. FY 17/18 and Out Year expenditures are for repairs to other failing wall sections.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ 600,000	$ -	$ 400,000	$ -	$ 4,152,800	$ 5,152,800
001 General Fund	-	20,000	300,000	-	400,000	-	4,152,800	4,872,800
310 LCPFA 2008 COPS CF	-	-	300,000	-	-	-	-	300,000
336 Frmr Rte 84-Repair Funds	76,696	123,000	-	-	-	-	-	199,696
Total Funding:	**$ 76,696**	**$ 143,000**	**$ 1,200,000**	**$ -**	**$ 800,000**	**$ -**	**$ 8,305,600**	**$ 10,525,296**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Tree Inventory

CIP No: 200658

Location: Citywide

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: Provide an inventory of the City's urban forest and perform maintenance to trees as described in the report.

Project Justification: This study will provide a physical inventory of the City's street trees, park trees and other City maintained trees. The data will be collected into a data base and sorted by a tree maintenance software program. The study will identify each tree's location within +/- one foot using GPS technology and an assessment of each tree's attributes and condition (botanical name, common name, estimated height, structural condition, root condition etc.). The study can also include an assessment of the condition of the curb, sidewalk and tree well surrounding the tree. This study can then be used to create a tree management plan that will identify hazardous trees or hazardous conditions that the City can address through a tree maintenance program. Once the program is developed, the city will institute a program and schedule to complete the required tree maintenance.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 170,000	$ -	$ 750,000	$ 920,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 170,000**	**$ -**	**$ 750,000**	**$ 920,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Carnegie Park Rehabilitation

CIP No: 200660

Location: Carnegie Park

Project Sponsor: PW - Landscape/Parks

Status: In Progress

Project Description: This project is for park maintenance and renovations as they are related to park amentities and landscaping. Maintenance work completed in 2009 included rehabilitation of walkway pavers and the removal of street trees on 3rd Street. Trees were diseased and deemed hazardous by City and Park District staff. Continued funding will allow maintenance projects including tree replacements, irrigation system maintenance, walkway maintenance, fountain maintenance, lighting maintenance and various landscape maintenance tasks. Out year funding would be allocated as these projects are identified, prioritized, and implemented in phases. In 2012 City took over Carnegie Park from LARPD.

Project Justification: This project will implement much needed maintenance work at Carnegie park to accommodate the increased use as a result of downtown revitalization.

Project Funding: Fund 614-9009166 is the Carnegie Park Downtown LMD Fund.

O&M Cost Assumptions: These costs are considered maintenance costs. See the annual Engineer's Report for The DTLMD (LL-859) for specific funding information.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
614 Maintenance District L&Ld	$ 93,630	$ 40,000	$ 20,000	$ 20,000	$ 20,000	$ -	$ 396,000	$ 589,630
Total Funding:	**$ 93,630**	**$ 40,000**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ 396,000**	**$ 589,630**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Holmes and Arroyo Mocho Vacant Lot Landscaping

CIP No: 201022

Location: Holmes North East of Anza

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: This area is located on the southeast side of Holmes Street, adjacent to the Arroyo. The area is approximately 17,500 square feet and is currently covered with vegetation consisting of indigenous grasses and established native trees are growing on the northern and southern perimeter of the vacant parcel. This vacant parcel is used annually to temporarily store the accumulated gravel that has to be removed from beneath the Holmes Street Bridge. A plan will be created to add limited unobtrusive landscape elements which help beautify the vacant property and allow continued maintenance operations. Phase two is estimated to cost $110,000 which includes the design and installation of a water meter irrigation system.

Project Justification: This project will beautify an existing vacant lot by extending existing landscaping to create a visually appealing corridor.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 110,000	$ 110,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 110,000**	**$ 110,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 5,000**	**$ 5,000**

CIP Name: Holmes and Deer Hollow Landscaping

CIP No: 201023

Location: Holmes and Deer Hollow Vacant Lot

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: This area is a triangular shaped section of property located on the east side of the corner of Holmes Street and Vallecitos Road. The area is approximately 34,000 square feet and is currently covered with vegetation consisting of indigenous grasses and four small almond trees that are in moderate to fair condition. The planned capital improvement for Holmes and Deer Hollow is to landscape the entire lot to match nearby landscaping. This phase will require the creation of landscape installation plans by a licensed landscape architect. Upon the creation of approved design and construction plans, the project can be put out to bid. This project would include the installation of a water meter and design of an irrigation system. The estimated installation costs is $220,000.

Project Justification: This project will beautify an existing vacant lot by extending existing landscaping to create a visually appealing corridor. The trail section will also be enhanced. There will be an increase in the needed maintenance as the area will be planted with various trees and landscape plantings.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 220,000	$ 220,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 220,000**	**$ 220,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Park Fee Update

CIP No: 201321

Location: Engineering Division

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Update the Park Fee Program approximately every 5 years. The project work includes re-estimating Park Fee funded projects Citywide and recalculate fee if necessary.

Project Justification: Periodically, the Park Fee Program needs updating to re-estimate the park costs associated with development. This will aide in developing the fee rates to ensure adequate fees are collected and update the nexus study.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
337 Park Fee - AB 1600	$ -	$ -	$ 80,000	$ -	$ -	$ -	$ -	$ 80,000
Total Funding:	**$ -**	**$ -**	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Carnegie Park Enhancements **CIP No:** 201524

Location: Carnegie Park

Project Sponsor: CDD - Economic Development **Status:** Not Started

Project Description: Prepare a new landscape design plan and implement improvements to the Carnegie Park site. Any improvements shall include the use by the Farmer's market.

Project Justification: Carnegie Park is currently maintained by the City. Park enhancements would greatly improve the downtown experience for park users and the Farmers market patrons.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000	$ 500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 500,000**	**$ 500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Citywide Street Tree Irrigation **CIP No:** 201813

Location: Various Locations

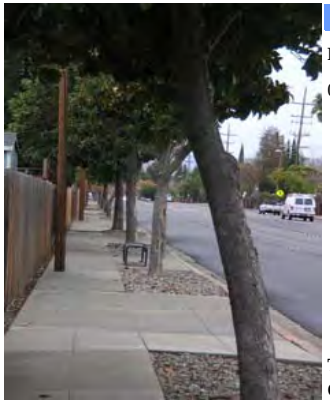
Project Sponsor: PW - Landscape/Parks **Status:** Not Started

Project Description: This project will install centralized irrigation controllers as well as irrigation systems to approximately 350 City maintained street trees which are currently irrigated in an inefficient manner with a water truck. A majority of trees are located on Stanley, North Vasco, Holmes, Murietta, Jack London, Livermore Avenue, 4th Street, 7th Street, Chestnut, Pine, Portola, Railroad, Rincon, and Rodeo Lane.

Project Justification: This upgrade will allow staff to better water and adjust water use for all street trees more effectively. This will reduce water expenditures, as well as reduce staff time performing manual street tree watering.

Project Funding: General Fund funding augmented by water conservation grants is proposed.

O&M Cost Assumptions: Minimal



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 350,000	$ -	$ 3,850,000	$ 4,200,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 350,000**	**$ -**	**$ 3,850,000**	**$ 4,200,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Brickyard Fountain Renovation

CIP No: 201828

Location: West end of Railroad Avenue

Project Sponsor: PW - Landscape/Parks

Status: Not Started

Project Description: Renovate brickyard fountain or replace with plantings or another landscape structure.

Project Justification: The brickyard fountain is leaking, losing water and needs to be renovated or replaced with another landscape structure that is more water efficient.

Project Funding: The General fund will provide funding for this project.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000	$ 500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 500,000**	**$ 500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Public Buildings – Introductory Comments

A variety of Public Building projects are included in the 2015-17 Capital Improvement Program. They include demolishing and replacing the old Civic Center Library building with a new Council Chambers, completion of the new Fire Station No. 9 at Cordoba Street, Hagemann Farm site assessment and renovations, electric vehicle charging stations at various City facilities, building exterior resurfacing, assessment study of Central Plant Chiller and roof repairs/replacement at the Civic Center Library, Rincon Library and Police Building. Future public buildings proposed to be constructed, improved, or modified in the 20-year Capital Improvement Plan include a Police Facility renovation and expansion, fleet shop floor renovation, building upgrades to the Barn, citywide ADA building compliance, Central Plant chiller and cooling tower upgrades, historic property acquisition, carpet replacement for various City buildings, repairs and upgrades to the Bankhead Theater Building, City Hall water wall retrofit, and a new Springtown Branch library.

Improvements to facilities run by Enterprise Funds such as the Airport, municipal golf courses, and the Water Reclamation Plant are shown in the programmatic area for those facilities.

Projects are primarily funded by the General Fund, Facilities Rehab Program funds, and through City Certificates of Participation (COPs). Projects listed herein comply with the goals and policies of the City's General Plan and Downtown Specific Plan.

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City of Livermore
20-Year Capital Improvement Plan
Public Buildings

PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
199455	New Fire Station No. 9	In Progress	375,478	2,891,152	1,960,000	-	-	-	-	5,226,630
200028	Police Facility, Interior Renovation & Expansion	Not Started	16,680	-	-	-	-	-	7,919,450	7,936,130
200439	New Council Chambers	Not Started	116,003	-	784,000	5,289,000	-	-	-	6,189,003
200514	New Springtown Branch Library	Not Started	-	-	-	-	-	-	7,650,000	7,650,000
200526	Building Upgrades to the City Barn	Not Started	3,380	-	-	-	-	-	383,500	386,880
200911	Fleet Shop Floor Renovation	Not Started	-	-	-	-	80,000	-	-	80,000
200914	Water Wall Retrofit	Not Started	-	-	-	-	-	-	120,000	120,000
200918	City Hall Photovoltaic Expansion	Completed	294,228	15,000	-	-	-	-	-	309,228
200920	Ravenswood Historical Site Imps./Bldg. Repairs	In Progress	-	95,000	-	-	-	-	1,165,000	1,260,000
201034	Carnegie Library Building	Not Started	-	-	-	-	-	-	50,000	50,000
201308	ADA Building Compliance	Not Started	-	-	-	-	300,000	-	9,027,000	9,327,000
201416	Hagemann Farm Site Assessment and Renovation	In Progress	-	75,000	150,000	100,000	-	-	-	325,000
201426	Civic Center Library Roof Repairs	Preliminary Design	-	20,000	50,000	-	-	-	-	70,000
201427	Air Handler Upgrades to City Hall Campus Buildings	Not Started	-	-	-	-	50,000	-	-	50,000
201428	Central Plant Chiller Replacement	Not Started	-	-	-	20,000	250,000	-	-	270,000
201429	Central Plant Cooling Tower Cover	Not Started	-	-	-	-	75,000	-	-	75,000
201515	Coating Protection for Public Buildings	Not Started	-	-	-	-	25,000	-	250,000	275,000
201516	Recoating of Building Exterior Insulation Finishing System (EIFS)	Not Started	-	-	250,000	-	-	300,000	-	550,000
201517	Roof Replacement - Police Building	Preliminary Design	-	25,000	125,000	-	-	-	-	150,000
201518	Carpet Replacement for City Buildings	Not Started	-	-	-	50,000	150,000	200,000	-	400,000
201616	Electric Vehicle Charging Stations	Not Started	-	-	-	300,000	70,000	-	-	370,000
201621	Rincon Library Roof Repairs	Not Started	-	-	75,000	-	-	-	-	75,000
201814	Ravenswood Building Site Assessment and Improvements	Not Started	-	-	-	-	-	-	100,000	100,000
201823	Historic Property Appraisal and Acquisition	Not Started	-	-	-	-	-	-	1,500,000	1,500,000
201913	Bankhead Theater Building Repairs & Upgrades	Not Started	-	-	-	-	-	-	500,000	500,000
Total Funding:			**$ 805,769**	**$ 3,121,152**	**$ 3,394,000**	**$ 5,759,000**	**$ 1,000,000**	**$ 500,000**	**$ 28,664,950**	**$ 43,244,871**
O&M Cost Estimate:			**$ 2,000**	**$ 2,000**	**$ 48,900**	**$ 48,900**	**$ 116,650**	**$ 67,600**	**$ 3,549,400**	**$ 3,835,450**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

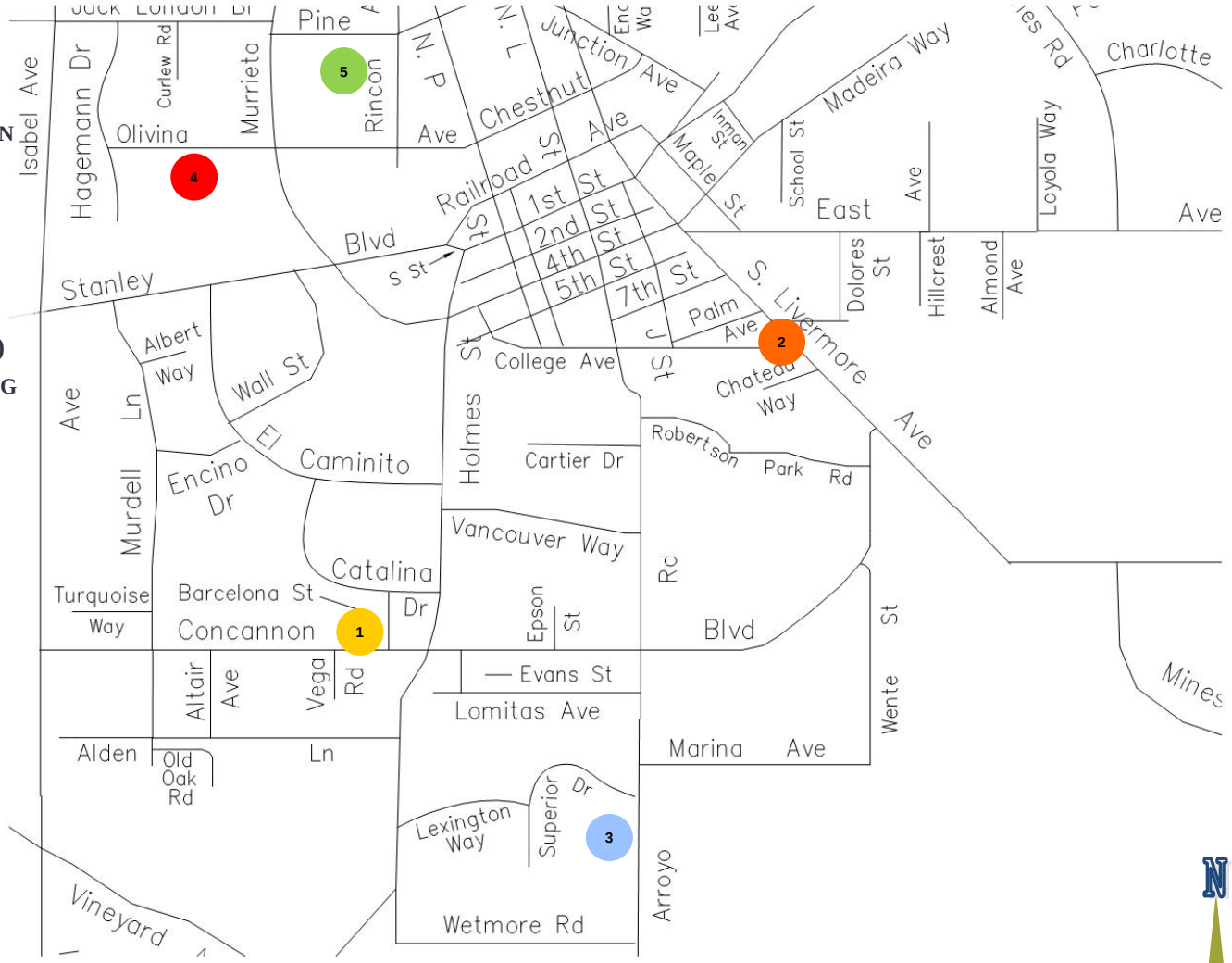
1 NEW FIRE STATION NO. 9

2
- NEW COUNCIL CHAMBERS
- CITY HALL PHOTOVOLTAIC EXPANSION
- CIVIC CENTER LIBRARY ROOF REPAIRS
- CENTRAL PLANT CHILLER REPLACEMENT
- RECOATING OF BUILDING EXTERIOR INSULATION FINISHING SYSTEM (EIFS)
- ROOF REPLACEMENT-POLICE BUILDING
- CARPET REPLACEMENT FOR CITY BUILDINGS

3 RAVENSWOOD HISTORICAL SITE IMPS./BLDG. REPAIRS

4 HAGEMANN FARM RENOVATION

5 RINCON LIBRARY ROOF REPAIRS



CITYWIDE PROJECTS:

- ELECTRIC VEHICLE CHARGING STATIONS

CIP Name: New Fire Station No. 9 **CIP No:** 199455

Location: 1919 Cordoba Street (North of Concannon Boulevard)

Project Sponsor: CDD - Engineering **Status:** In Progress

Project Description: In February 2013, Council authorized City staff to update the 2007 feasibility analysis for rebuilding a new station on the current Fire Station No. 9 site. The updated feasibility study concluded that an approximately 6,900 square foot single story facility can be constructed on the current site at a total conceptual project cost of approximately $4.6 million, and replace the current 3,200 square foot station. This conceptual cost estimate is based on Fire Station No. 9 staff leasing the vacated Alameda County Fire Station on College Avenue during construction of the new facility.

Project Justification: The existing facility was designed to accommodate three same-sex firefighters. The new facility will accommodate co-ed staffing, advancements in technology, certain essential facility requirements related to the Americans with Disabilities Act, and the latest Seismic code.

Project Funding: Expenditures in prior years were used for the assessment of alternative fire station sites and design. Expenditures in FY14/15 and FY15/16 are for preparing final construction documents and constructing a new fire station on the existing site.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: Start Service 2015 Flooring 2 cycles = $46,000 6000 x $7.80 - $46,800 annual cost HVAC 1 cycle = $15,000 Painting 2 cycles = $14,400 Staffing @ .12 FTE's

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 305,728	$ 341,152	$ -	$ -	$ -	$ -	$ -	$ 646,880
310 LCPFA 2008 COPS CF	39,340	-	-	-	-	-	-	39,340
314 LAVTA-NON CITY	30,410	-	-	-	-	-	-	30,410
347 Fire Stn & Other Cap Proj	-	2,550,000	1,960,000	-	-	-	-	4,510,000
Total Funding:	**$ 375,478**	**$ 2,891,152**	**$ 1,960,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 5,226,630**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 46,800**	**$ 46,800**	**$ 46,800**	**$ -**	**$ 824,200**	**$ 964,600**

CIP Name: Police Facility, Interior Renovation & Expansion

CIP No: 200028

Location: Police Facility

Project Sponsor: Police

Status: Not Started

Project Description: This project constructs improvements as outlined in the Space Needs Assessment prepared by RRM Design Group which includes interior renovations, addition to existing buildings, and storage facility.Prior Years expenditures are for the Space Needs Assessment.

Project Justification: This project will allow for anticipated expansion of the Police Facility to accommodate an increase in staffing levels. The interior renovations, structural build out of the existing building, and the addition of a separate detached storage facility are requested.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 16,680	$ -	$ -	$ -	$ -	$ -	$ 7,919,450	$ 7,936,130
Total Funding:	**$ 16,680**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,919,450**	**$ 7,936,130**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: New Council Chambers **CIP No:** 200439

Location: Old Civic Center Library Building

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Demolish and replace the old 15,000 square foot Civic Center Library building with a new approximately 7,000 square foot Council Chambers facility with some public meeting space. The facility will not include an Emergency Operations Center (EOC). Expenditures shown in prior years were for preparing a feasibility study to define the scope of the conversion, building use layout, and costs for a new stand-alone facility versus complete renovation for a new Council Chambers, meeting space with and without a new EOC. The feasibility study for a new 8,300 square foot facility was presented to City Council in May of 2014. The study for the new facility indicated that the costs for a conversion or new building ranged from $7.4 to $7.6 million without an EOC and between $8.7 to $9.0 million with an EOC. Conversion would require major upgrades to all essential building systems (seismic, HVAC, fire sprinkler, communications, window walls, plumbing, ADA, etc).

Project Justification: The existing facility which has primarily been mothballed continues to deteriorate and has the potential to contribute to the blight of the Civic Center Campus. Removal of the building itself would eliminate some maintenance expenses and could deter some unsavory activities from occurring on the Civic Center Campus.

Project Funding: Fund W refers to future anticipated revenue for design and construction of a new Council Chambers. Fund W monies shown in FY 15/16 are proposed for designing a new Council Chambers and monies shown in FY 16/17 are for demolition of the existing old Civic Center Library, new Council Chambers construction including site work and removal of the old modular building being utilized as a Council Chambers. A portion of the audio visual equipment expenses may be paid for using PBS funds.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: On-going O&M for is approximately $6,500/year. Service for a new building to start in FY17/18; 7,000 ft² x $7.80 = $54,600/yr, Painting 2 cycles = $31,200 Flooring 1 cycle = $70,000 HVAC 1 cycle = $110,000 Staffing @ .32 FTE's

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ 784,000	$ 5,289,000	$ -	$ -	$ -	$ 6,073,000
001 General Fund	104,233	-	-	-	-	-	-	104,233
310 LCPFA 2008 COPS CF	11,770	-	-	-	-	-	-	11,770
Total Funding:	**$ 116,003**	**$ -**	**$ 784,000**	**$ 5,289,000**	**$ -**	**$ -**	**$ -**	**$ 6,189,003**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 61,100**	**$ 61,100**	**$ 1,188,800**	**$ 1,311,000**

CIP Name: New Springtown Branch Library

CIP No: 200514

Location: Springtown

Project Sponsor: Library

Status: Not Started

Project Description: Replace the existing Springtown Branch Library established in a convenience store in 1985 with a 8,000 - 9,000 s.f. new branch library located in the heart of Springtown adjacent to Vasco Rd. market centers.

Project Justification: The existing 2,400 s.f. Springtown Branch Library is inadequate for the current population served. Twenty percent of Livermore's population is located in northeast Livermore; census population is 17,300 with additional growth projected for the area. The service needs of this population require 8,000 – 9,000 s.f. to meet those needs. The current facility has no meeting room for library programs, very inadequate parking (approx. 8 spaces), inadequate space for public computers, no study areas, and no room for collection expansion. The current facility is poorly located in the southwestern end of the population area and does not service the growth along the Vasco Rd. corridor and the northern end of the residential community, nor is it conveniently located to area schools. The facility needs to be relocated to a more visible site adjacent to Vasco Road market centers. Service to start 2020. 8,000 s.f. Staffing @ 2.0 FTE's with Easy Access self-service providing additional access hours.

Project Funding:

O&M Cost Assumptions: Maintenance and Operation cost assumptions: Service to start in Out Years; 10,000 ft² x $7.80 per ft² = $78,000 x 16 = $1,248,000 Painting 2 cycles = $14,400 Flooring 1 cycle = $54,000 HVAC 1 cycle = $80,000 Staffing @ 2.0 FTE's

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,650,000	$ 7,650,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,650,000**	**$ 7,650,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,396,400**	**$ 1,396,400**

CIP Name: Building Upgrades to the City Barn

CIP No: 200526

Location: Pacific Avenue adjacent to the Multi Service Center

Project Sponsor: LARPD

Status: Not Started

Project Description: Provide structural retrofitting of the City's Barn based on the completed structural analysis of the Barn ($141,000), install fire sprinklers ($32,500), and construct ADA improvements ($210,000). LARPD CIP No. 516.

Project Justification: Based on a structural analysis of the Barn, improvements to the Barn, will need to be made in order to continue to permit the existing community uses of the Barn or eventually close the facility to public use. Improvements are needed to bring the facility to compliance with Americans with Disabilities Act accessibility requirements.

Project Funding: Fund 323 refers to LARPD funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
323 LARPD	$ 3,380	$ -	$ -	$ -	$ -	$ -	$ 383,500	$ 386,880
Total Funding:	**$ 3,380**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 383,500**	**$ 386,880**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Fleet Shop Floor Renovation

CIP No: 200911

Location: Maintenance Service Center - Fleet

Project Sponsor: PW - Building

Status: Not Started

Project Description: Bead blast and epoxy coat seal the Fleet shop floor with striping for a safe work area.

Project Justification: The floor in the shop has been worked on for the past 20 years and is in need of maintenance. Bead blasting and seal coating the shop floor will allow for longer life of the normal wear and tear. Striping around the machinery and equipment for safety zones will minimize the risk of non-shop personnel to being exposed to an unsafe zone. The coating will help with lighting issues on days when we need to conserve energy by shutting off the overhead lighting. The assistance will come by opening the bay doors and the reflection from the floor coating will give off additional lighting and help reduce the use of excess lighting. It will also make slip/spills hazards more noticeable to staff so they can be cleaned up sooner and help prevent the possibility of a slip injury.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
730 Fleet & Eqt Services	$ -	$ -	$ -	$ -	$ 80,000	$ -	$ -	$ 80,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**	**$ -**	**$ -**	**$ 80,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Water Wall Retrofit

CIP No: 200914

Location: City Hall

Project Sponsor: PW - Building

Status: Not Started

Project Description: Removal of existing shinglestyle wall surface in City Hall lobby, installation of smooth granite stone or tile wall surface, removal of existing pump system, installation of new smaller pump system and repair of existing weir through system.

Project Justification: Project will provide for the efficient and proper operation of the water wall in City Hall, thereby eliminating the splasing of water outside of the basin and eliminate the leaks/overflow of the weir extending the life of the water feature , the surrounding walls and improving public safety by eliminating the wet floor hazard and moisture build up in the surround walls and the formation of mold.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 120,000	$ 120,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 120,000**	**$ 120,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: City Hall Photovoltaic Expansion

CIP No: 200918

Location: 1052 S. Livermore Avenue City Hall

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: Expand the existing 75kw/hr solar photovoltaic system of City Hall to it's ultimate capacity of 100kw/hr. The system includes the installation of new solar panels, conduits, wiring devices and programing necessary for connecting into the existing system. The maintenance and operation costs for the existing system are currently being contracted out and is funded and administered through Public Works Maintenance. This expansion of the existing system should not increase the existing maintenance and operation costs.

Project Justification: The existing system saves the City an average of 15 on it's energy costs annually and has reduced the City's CO2 emissions by a 1000 tons since 2004. The additional annual energy savings and CO2 emission reductions will increase proportionally based upon this 30 system capacity upgrade. This project will assist the City in meeting its goals and requirements spelled out in the City's Climate Action Plan.

Project Funding: Fund 696 is the Energy Efficiency Block Grant. This grant covers 100% of design and construction cost. Fund 740 was used to replace one of the existing transformers, which had reached its useful life.

O&M Cost Assumptions: M&O costs assume 1% of the infrastructure cost/year.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
696 Federal Economic Stimulus	$ 250,923	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,923
740 Facilities Rehab Pgm	43,305	15,000	-	-	-	-	-	58,305
Total Funding:	**$ 294,228**	**$ 15,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 309,228**
O&M Cost Estimate:	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ -**	**$ 32,000**	**$ 42,000**

CIP Name: Ravenswood Historical Site Imps./Bldg. Repairs

CIP No: 200920

Location: Ravenswood Historical Site

Project Sponsor: LARPD

Status: In Progress

Project Description: This project is divided into two separate components: A building repair component and a site improvement component.The building repair component, which is based on the site assessment report by Alana, Buick and Bers in 2006, recent staff site visits and contractor quotes, consists of high priority exterior repairs, including replacing and repainting the veranda decking and replacing the rear porch/staircase on the main house; and replacing the roof, siding, and repainting the carriage barn. The site improvement component will provide a comprehensive evaluation and assessment of the existing conditions of the buildings and grounds. Needed improvements, repairs and maintenance will be identified anc prioritized and will include other improvements such as listed in the Ravenswood Specific Plan. The second phase will be to determine the costs associated with the work to be done and identify where the funding will come from as well as establishing a projected timeframe to complete the various improvements. Thus far, estimates for the project are as follows: Reconfiguring the parking lot, seal & stripe ($60,000); Restore Carriage house/barn ($600,000); Seal and protect (French drains) basement of Bedroom House ($350,000); Install fire sprinkler systems in Main House, Carriage House/Barn, Restroom ($80,000); Replace plaster molding and repair wall paper in Bedroom House ($75,000), Stabilize winery ruins (unknown cost). Funding for these imrpovements are included in the out years. Refer to LARPD CIP No. 311.

Project Justification: This project will ensure the integrity of the historic site and improve operations.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ 45,000	$ -	$ -	$ -	$ -	$ 582,500	$ 627,500
323 LARPD	-	50,000	-	-	-	-	582,500	632,500
Total Funding:	**$ -**	**$ 95,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,165,000**	**$ 1,260,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Carnegie Library Building **CIP No:** 201034

Location: Carnegie Building

Project Sponsor: LARPD **Status:** Not Started

Project Description: This project will provide a comprehensive assessment of the existing conditions of the Carnegie building. Needed improvements, repairs and maintenance will be identified and prioritized. Costs associated with the work to be done, where the funding will come from, and estabilishing a projected timeframe to complete the various improvements all need to be determined and identified. Refer to LARPD CIP No. 334 and 622.

Project Justification: The project will ensure the integrity of the historic site and provide safe and usable access to the public.

Project Funding: Project funding responsibilities will be shared between the City and LARPD in accordance with the 2010 Master Property Agreement.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,000	$ 25,000
323 LARPD	-	-	-	-	-	-	25,000	25,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ 50,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: ADA Building Compliance

CIP No: 201308

Location: City Wide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Modify existing City-owned public buildings to comply with the latest Americans with Disabilities Act regulations and Section 504 of the Rehabilitation Act of 1973 in accordance with the City's Transition Plan. The FY 17/18 expenditures will be to develop a new transition plan based on the new building improvements that have ocurred since the Rolf Jensen & Associates study was completed and to start design and construct projects to remove architectural barriers located in City facilties as identified in the updated transition plan.

Project Justification: The City ADA Building Compliance Transition Plan, developed with assistance by Rolf Jensen & Associates, requires work in the amount of $9,327,000. This project will remove architectural barriers located in and on City facilities in an effort to make City facilities accessible to all persons, including those with special needs.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 300,000	$ -	$ 9,027,000	$ 9,327,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ 9,027,000**	**$ 9,327,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Hagemann Farm Site Assessment and Renovation

CIP No: 201416

Location: 455 Olivina Avenue

Project Sponsor: CDD - Housing

Status: In Progress

Project Description: The project will provide a comprehensive assessment of the existing Hagemann house, barns and grounds. The assessment report will identify needed improvements, repairs and maintenance and priortize the recommended improvements. Renovation of the Hagemann complex will include but not be limited to rehabilitation of the house foundation, plumbing, electrical, and roof, including abatement of asbestos and lead based paint. The work for this project will be phased based on funding available.

Project Justification: This is a City-owned historic asset which needs to be preserved. This project will ensure the integrity of this historic site and provide a safe and useable access.

Project Funding: Funding in FY14/15 will be used for dead tree removal and a complete site assessment and renovation plan. Funding in FY15/16 and FY16/17 will be used for the recommended work items identified under the site assessment.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ 75,000	$ 150,000	$ 100,000	$ -	$ -	$ -	$ 325,000
Total Funding:	**$ -**	**$ 75,000**	**$ 150,000**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 325,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Civic Center Library Roof Repairs

CIP No: 201426

Location: Civic Center Library

Project Sponsor: PW - Building

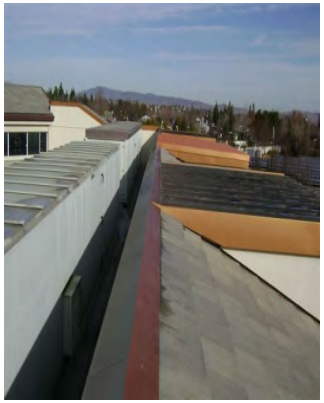
Status: Preliminary Design

Project Description: This project will add taper roof insulation, framing, perimeter flashing and vinyl membrane to prevent water intrusion. This project will also replace aging dormers to prevent further water intrusion.

Project Justification: Repairs need to be addressed to prevent water intrusion which can cause costly damage to the interior structure and components.

Project Funding: Facilities Rehabilitation Program Fund 740. Funding shown in FY14/15 is for design and FY15/16 funding is for completing final design documents and construction.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ 20,000	$ 50,000	$ -	$ -	$ -	$ -	$ 70,000
Total Funding:	**$ -**	**$ 20,000**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 70,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Air Handler Upgrades to City Hall Campus Buildings

CIP No: 201427

Location: City Hall Campus

Project Sponsor: PW - Building

Status: Not Started

Project Description: This project will install approximately 18 Carbon Dioxide Sensors in order to improve the efficiency of the existing air handling system.

Project Justification: Adding these sensors will reduce energy consumption as well as improve air quality in all city hall campus buildings.

Project Funding: Facilities Rehabilitation Program Fund 740.

O&M Cost Assumptions: Annual maintenance costs $100

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ 50,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 100**	**$ 100**	**$ 100**	**$ -**	**$ 1,600**	**$ -**

CIP Name: Central Plant Chiller Replacement

CIP No: 201428

Location: Central Cooling Plant / Police Building

Project Sponsor: PW - Building

Status: Not Started

Project Description: Replacement of aging outdoor air cooled water chiller at the Central Plant for the city hall campus cooling system.

Project Justification: The current chiller is at the end of its useful life and needs to be replaced. This project will also evaluate options for extending the system to the location of the former old library for potential use for a new Council Chambers building.

Project Funding: Facilities Rehabilitation Program Fund 740. Funding shown in F16/17 is for preliminary design and funding shown in FY17/18 is for final design and construction.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ -	$ 20,000	$ 250,000	$ -	$ -	$ 270,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 20,000**	**$ 250,000**	**$ -**	**$ -**	**$ 270,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Central Plant Cooling Tower Cover

CIP No: 201429

Location: Central Cooling Plant / Police Building

Project Sponsor: PW - Building

Status: Not Started

Project Description: Add a cover for the top of the Central Plant Cooling Tower.

Project Justification: This will help reduce biological growth in the cooling tower and extend the life of the equipment.

Project Funding: Facilities Rehabilitation Program Fund 740.

O&M Cost Assumptions: This is a one time addition with annual inpections of $150

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ -	$ -	$ 75,000	$ -	$ -	$ 75,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ 75,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150**	**$ -**	**$ 2,400**	**$ 2,550**

CIP Name: Coating Protection for Public Buildings **CIP No:** 201515

Location: Various City Buildings

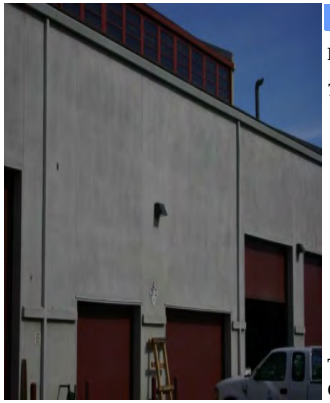
Project Sponsor: PW - Building **Status:** Not Started

Project Description: Exterior painting of various city buildings which include, Maintenance Service Center, Multi-Service Center, Council Chambers, five Fire Stations, Springtown & Rincon Libraries.

Project Justification: This is the first line of protection for preserving the exterior of the building.

Project Funding: Facilities Rehabilitation Program Fund 740.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ -	$ -	$ 25,000	$ -	$ 250,000	$ 275,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**	**$ -**	**$ 250,000**	**$ 275,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Recoating of Building Exterior Insulation Finishing System (EIFS) **CIP No:** 201516

Location: City Campus Buildings

Project Sponsor: PW - Building **Status:** Not Started

Project Description: Provide a new elastomeric coating on the exterior insulation finishing systems (EIFS) on City Campus buildings - City Hall, Police Department & Civic Center Library. The Police Department and City Hall buildings will be done in FY15/16 and the Civic Center Library building will be done in FY18/19.

Project Justification: Re-coating will need to be completed to keep the warranty valid for the buildings that have this seal coating to protect the exterior insulation finishing systems (EIFS).

Project Funding: Facilities Rehabilitation Program Fund 740.

O&M Cost Assumptions: This cost will occur every 10 years as per the manufacture recommendations to comply with warranty provisions

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ 250,000	$ -	$ -	$ 300,000	$ -	$ 550,000
Total Funding:	**$ -**	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ 550,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Roof Replacement - Police Building

CIP No: 201517

Location: Livermore Police Department

Project Sponsor: PW - Building

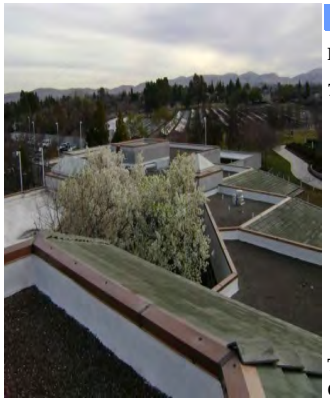
Status: Preliminary Design

Project Description: Replace the aging (built up) flat roof material sytems on the Police Department Building.

Project Justification: The current roof material is 20 years old and showing signs of imminent failure.

Project Funding: Facilities Rehabilitation Program Fund 740. Funding shown in FY14/15 is for design and funding shown in FY15/16 is for completing design and construction.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ 25,000	$ 125,000	$ -	$ -	$ -	$ -	$ 150,000
Total Funding:	**$ -**	**$ 25,000**	**$ 125,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Carpet Replacement for City Buildings

CIP No: 201518

Location: City Buildings

Project Sponsor: PW - Building

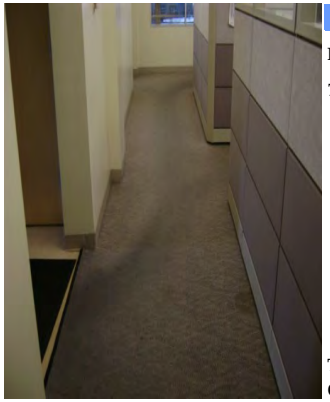
Status: Not Started

Project Description: Replace carpet throughout the city buildings as necessary - City Hall, Police Department, Maintenance Service Center, Civic Center Library, Rincon Library, five Fire Stations and Council Chambers

Project Justification: Replace carpet throughout the various city buildings. The current carpet is showing signs of being worn out and is in need of replacement. The life span on the carpet is approximately 10 to 15 years. Most of these locations are either at or past the 15 year life span.

Project Funding: Facilities Rehabilitation Program Fund 740.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ -	$ 50,000	$ 150,000	$ 200,000	$ -	$ 400,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ 150,000**	**$ 200,000**	**$ -**	**$ 400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Electric Vehicle Charging Stations

CIP No: 201616

Location: City owned Parking Lots

Project Sponsor: Community Development

Status: Not Started

Project Description: The project will evaluate the feasibility, prioritize and install charging stations for electric vehicles (EV) at City-owned parking lots.

Project Justification: Hybrid electric and plug-in electric vehicles now account for almost 10 percent of new car sales in California. The increase in number of these vehicles also increase the demand for charging stations. Installing more charging stations will help encourage the use of vehicles with alternative fuel, which helps improve air quality. The project will evaluate and potentially install EV charging stations at City owned parking areas such as the Civic Center, Downtown Parking Garage, Corp Yard, Public Golf Course parking lot, and Airport parking lot.

Project Funding: Funding will come from the General Fund (Fund 001)

O&M Cost Assumptions: Depending on the type of charging station, features and amenities, and maintenance agreements selected, the O&M cost may vary. Approximate annual maintenance and operating cost per unit is $6,500.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ 300,000	$ 70,000	$ -	$ -	$ 370,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ 70,000**	**$ -**	**$ -**	**$ 370,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Rincon Library Roof Repairs

CIP No: 201621

Location: Rincon Branch Library

Project Sponsor: Public Works

Status: Not Started

Project Description: This project will evaluate and repair the metal roof at the Rincon Branch Library.

Project Justification: The roof of the Rincon Branch Library is aging and has experienced intermittent leaking. This project will evaluate the current status of the roof and then perform appropriate repair work.

Project Funding: Facilities Rehabilitation Program Fund 740

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
740 Facilities Rehab Pgm	$ -	$ -	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000
Total Funding:	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Ravenswood Building Site Assessment and Improvements

CIP No: 201814

Location: Ravenswood Site

Project Sponsor: LARPD

Status: Not Started

Project Description: This project will provide a comprehensive assessment of the existing conditions of the Ravenswood house and grounds. Needed improvements, repairs and maintenance will be identified and prioritized. Costs associated with the work to be done, where the funding will come from and establishing a projected timeframe to complete the various improvements all need to be determined and identified. Funding for rehabilitation is not included at this time. See Project No. 2009-20

Project Justification: The project will ensure the integrity of the historic site and provide safe and usable access to the public.

Project Funding: Costs will be shared by the General Fund and LARPD per the 2010 City/LARPD Master Property Agreement.

O&M Cost Assumptions: None

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000	$ 50,000
323 LARPD	-	-	-	-	-	-	50,000	50,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ 100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Historic Property Appraisal and Acquisition

CIP No: 201823

Location: Historical Sites within the Downtown

Project Sponsor: Livermore Successor Agency

Status: Not Started

Project Description: Obtain a property appraisal report and purchase historic buildings within the City.

Project Justification: This project will help preserve and maintain historic sites within the Downtown.

Project Funding: This project will be funded with the General Fund.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000	$ 1,500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,500,000**	**$ 1,500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Bankhead Theater Building Repairs & Upgrades

CIP No: 201913

Location: Bankhead Theater

Project Sponsor: Public Works

Status: Not Started

Project Description: This project will improve, replace, repair and/or upgrade various components of the Bankhead Theater including flooring, roofing, exterior paint, etc.

Project Justification: These repairs, replacements or upgrades will help protect the City's investment in this building.

Project Funding: General Fund

O&M Cost Assumptions: No additional O&M costs are anticipated beyond the current costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000	$ 500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 500,000**	**$ 500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Public Safety Projects – Introductory Comments

The goal of this programmatic area is to enhance public safety through acquisition of major Police Department and Livermore/Pleasanton Fire Department equipment, public safety systems, and through construction of safety projects throughout the community. Expenditures which are shown in the 2015-17 Capital Improvement Program are for a Computer Aided Dispatch system at the Police Department to replace existing servers and related hardware/software. Projects in the 20-year Capital Improvement Plan are primarily funded by State grants, the General Fund, and through City Certificates of Participation.

City of Livermore
20-Year Capital Improvement Plan
Public Safety

PROJECT FUNDING & COST ESTIMATE										
Project No.	**Project Name**	**Project Status**	**Prior Years**	**FY 2014/15**	**FY 2015/16**	**FY 2016/17**	**FY 2017/18**	**FY 2018/19**	**Out Years FY 2019/35**	**Total**
201221	CAD System Hardware/Software Upgrade	Not Started	$ -	$ 150,000	$ 1,350,000	$ 125,000	$ 125,000	$ 125,000	$ 250,000	$ 2,125,000
Total Funding:			**$ -**	**$ 150,000**	**$ 1,350,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ 250,000**	**$ 2,125,000**
O&M Cost Estimate:			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: CAD System Hardware/Software Upgrade

CIP No: 201221

Location: Police Building

Project Sponsor: Police

Status: Not Started

Project Description: Upgrade or replacement of Public Safety software suite for Computer Aided Dispatch (CAD) 9-1-1 Dispatch, Records Management (RMS), Mobile Reporting, Message Switch and Field Unit AVL /GPS Mapping. Project elements will include necessary software licenses ($800,000), maintenance costs ($125,000/yr for 5 years), and approximately $200,000 for server and network hardware upgrades, project management, system configuration, training, and data conversion.

Project Justification: Project replaces existing servers and related hardware. Services include project management, training and system integration with local, state and federal systems including 9-1-1 and GIS.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ 125,000	$ 125,000	$ 125,000	$ 250,000	$ 625,000
310 LCPFA 2008 COPS CF	-	150,000	1,350,000	-	-	-	-	1,500,000
Total Funding:	**$ -**	**$ 150,000**	**$ 1,350,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ 250,000**	**$ 2,125,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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Storm Drain Projects – Introductory Comments

The City maintains a storm drainage pipe system, flood control system including streams, culverts, and certain channel improvements. Zone 7 is the Flood Control Agency for the Tri-Valley however they only own and operate 1/3 of the total stream systems. The City owns and operates another 1/3 while the remaining 1/3 is under private ownership.

City Storm Drain projects in the 2015-17 Capital Improvement Program include a variety of projects to address existing drainage problems, maintenance work along the arroyos, and pay for the oversizing of storm drain transmission facilities needed by new development. The 20-year Capital Improvement Plan also plans for projects needed to complete major storm drain trunkline upgrades, and sedimentation removal and improvement work on City and privately owned arroyos and channels. Zone 7 can take over these facilities for maintenance once they are improved. Commitments in future years will be needed to maintain and improve the Arroyo Las Positas, Altamont Creek, the Arroyo Mocho and tributaries of all three arroyos.

Proposed Improvements are consistent with the City's 2009 Storm Drain Master Plan Update, the 2010 Storm Drain Connection Fee Study, Zone 7 Stream Management Master Plan and with the City's General Plan and Downtown Specific Plan. A portion of the funding for the remainder of the capacity enhancing projects is provided by the City storm drain development impact fee. Channel maintenance projects and improvement projects are proposed to be funded over time by the General Fund, or by other funding sources such as Federal/State grants and Zone 7 contributions.

City of Livermore
20-Year Capital Improvement Plan
Storm Drain

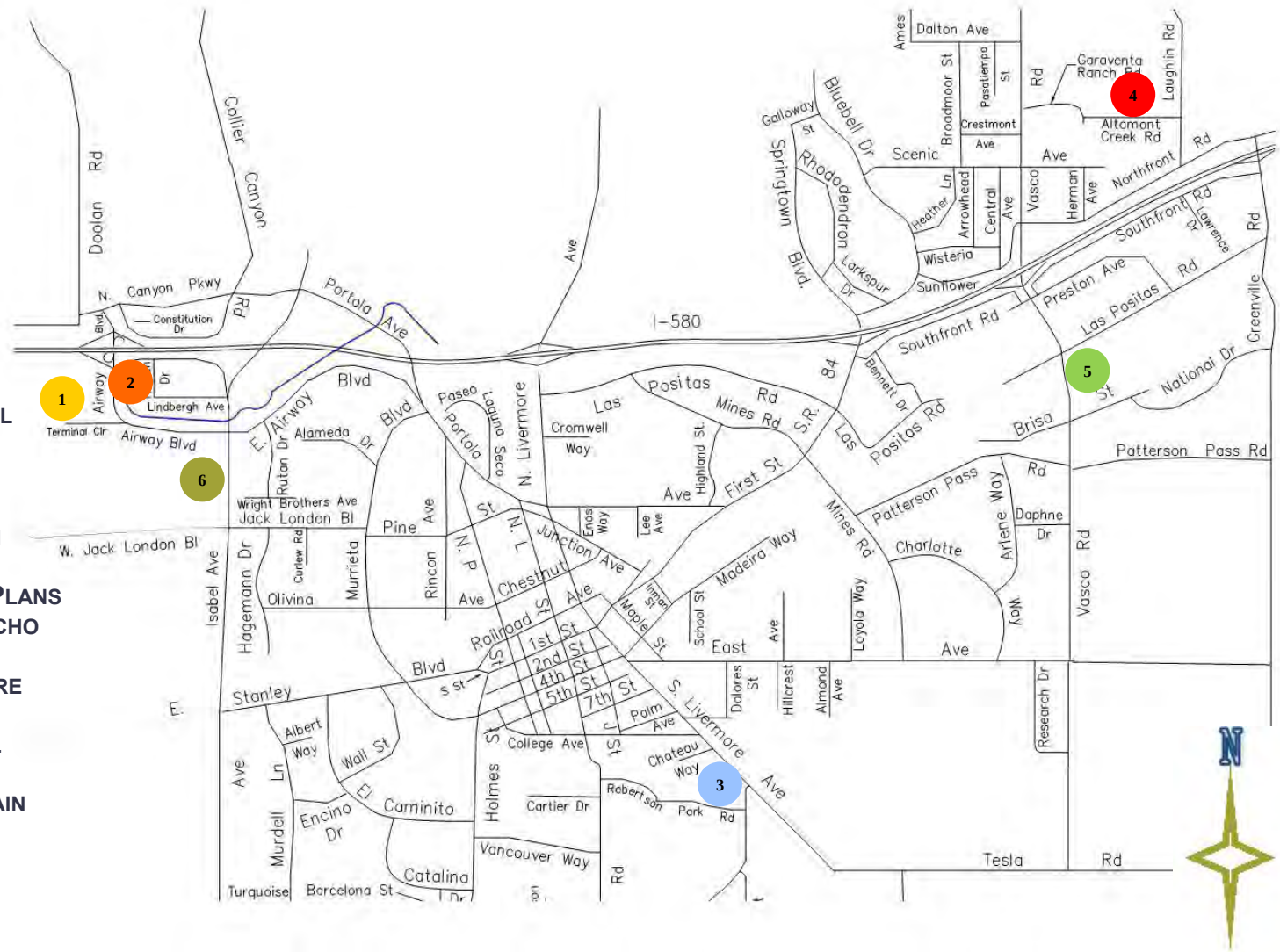
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200056	Annual Misc Storm Drain Reimbursements	In Progress	95,110	100,000	300,000	230,000	300,000	300,000	250,000	1,575,110
200066	Airway Blvd. Culvert Desilting	In Progress	350,886	30,000	15,000	15,000	15,000	-	-	425,886
200078	Arroyo Mocho Bank Stabilization	In Progress	245,690	25,000	-	-	-	-	-	270,690
200445	Stream Channel Master Plans	In Progress	100,730	-	40,000	10,000	10,000	10,000	200,000	370,730
200520	Major Storm Drain Trunkline Upgrades	Not Started	-	-	-	-	2,100,000	-	1,506,000	3,606,000
200648	Bear Creek Drive Storm Drain Protection	In Progress	453,718	15,000	60,000	-	-	-	-	528,718
200723	Brisa Storm Drain System Improvements	In Progress	513,640	1,050,000	-	100,000	950,000	-	-	2,613,640
201030	Storm Drain Trash Capture Devices	In Progress	92,277	17,000	-	60,000	3,350,000	-	4,300,000	7,819,277
201216	Arroyo Las Positas & Mocho Flood Control	Not Started	-	-	25,000	25,000	25,000	-	273,275,000	273,350,000
201217	Arroyo Las Positas Airport Flood Control	In Progress	38,018	200,000	100,000	100,000	37,700,000	-	120,000,000	158,138,018
201218	Airway Blvd. Flood Control	Not Started	-	-	-	145,000	-	-	26,000,000	26,145,000
201323	Citywide Culvert Outfall Project	In Progress	352,805	120,000	278,000	225,000	125,000	125,000	-	1,225,805
201325	Miscellaneous Storm Drain and Culvert Repairs	In Progress	18,147	15,000	125,000	50,000	50,000	50,000	800,000	1,108,147
201413	Culvert Improvements	Not Started	-	-	-	-	-	-	8,883,000	8,883,000
Total Funding:			**$ 2,261,021**	**$ 1,572,000**	**$ 943,000**	**$ 960,000**	**$44,625,000**	**$ 485,000**	**$ 435,214,000**	**$ 486,060,021**
O&M Cost Estimate:			**$ 90,500**	**$ 83,500**	**$ 83,500**	**$ 83,500**	**$ 310,500**	**$ -**	**$ 7,168,000**	**$ 7,819,500**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1. ARROYO LAS POSITAS AIRPORT FLOOD CONTROL
2. AIRWAY BLVD. CULVERT DESILTING
3. ARROYO MOCHO BANK STABILIZATION
4. BEAR CREEK DRIVE STORM DRAIN PROTECTION
5. BRISA STORM DRAIN SYSTEM IMPROVEMENTS
6. AIRWAY BLVD. FLOOD CONTROL



CITYWIDE PROJECTS:

- ANNUAL MISC. STORM DRAIN REIMBURSEMENTS
- STREAM CHANNEL MASTER PLANS
- ARROYO LAS POSITAS & MOCHO FLOOD CONTROL
- STORM DRAIN TRASH CAPTURE DEVICES
- CITYWIDE CULVERT OUTFALL PROJECT
- MISCELLANEOUS STORM DRAIN AND CULVERT REPAIRS

CIP Name: Annual Misc Storm Drain Reimbursements

CIP No: 200056

Location: Various City Locations

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Various developer reimbursements for oversizing storm drains to correct existing and future hydraulic deficiencies as identified in the 2004 Storm Drain Master Plan. Reimbursements anticipated for Old Town Phases 1 & 2 ($230,000) beginning in FY 14/15, the box culvert for the Brisa Storm Drain Improvements ($1,000,000) beginning in FY 15/16 and for the Arroyo Vista Neighborhood Plan Area ($250,000) beginning in FY 17/18. A full description of the Brisa Storm Drain System Improvements is provided in the worksheet for Brisa Storm Drain System Improvements Project 2007-23.

Project Justification: This project sets aside funds for reimbursements to developers for oversizing storm drain lines as required in the City's 2004 Storm Drain Master Plan.

Project Funding: General Funds (Fund 001) fund improvements to fix existing storm drain hydraulic deficiencies such as the Old Town Phases 1 & 2 and the Arroyo Vista Neighborhood Plan Area. Storm Drain Funds (Fund 308) fund improvements to fix future storm drain hydraulic deficiencies such as the Brisa Improvements. Old Town Phases 1 & 2 will be constructed in 2014 and paid back over 3 years, the Brisa Storm Drain System box culvert will be constructed in 2015 and paid back over 5 years and Arroyo Vista Neighborhood will be constructed in 2017 and paid back over three years.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ 100,000	$ 100,000	$ 30,000	$ 100,000	$ 100,000	$ 50,000	$ 480,000
308 Storm Drain	95,110	-	200,000	200,000	200,000	200,000	200,000	1,095,110
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 95,110**	**$ 100,000**	**$ 300,000**	**$ 230,000**	**$ 300,000**	**$ 300,000**	**$ 250,000**	**$ 1,575,110**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airway Blvd. Culvert Desilting

CIP No: 200066

Location: Airway Blvd. to Cayetano Creek Blvd.

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Desilt the Arroyo Las Positas culverts under Airway Boulevard. Remove silt down to the existing flow line of the Arroyo Las Positas. The project involves preparing an environmental document for the silt removal, obtaining required permits, and de-silting the culverts. Creek desilted in FY 2012-13. 5-year maintenance monitoring being accomplished through Living Arroyos Program. Expect first annual monitoring report June 2014. Project 2012-16 involves removing additional silt in the Arroyo Las Positas down to the original design cross sections of the creek and other more permanent improvements to the creek that will reduce silt accumulation in the future.

Project Justification: Silt accumulation in the Arroyo Las Positas culverts under Airway Boulevard was forming a restriction during large storm events. Recent high water flows have been observed near the top of the culverts. If additional silt accumulates at this location high water flows may overtop the road. Removal of accumulated silt above the existing flow line of the creek will reduce the chance of flooding at this location.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 350,886	$ 30,000	$ 15,000	$ 15,000	$ 15,000	$ -	$ -	$ 425,886
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 350,886**	**$ 30,000**	**$ 15,000**	**$ 15,000**	**$ 15,000**	**$ -**	**$ -**	**$ 425,886**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Arroyo Mocho Bank Stabilization

CIP No: 200078

Location: Arroyo Mocho Bank at the Maintenance Service Center

Project Sponsor: Community Development

Status: In Progress

Project Description: Bank stabilization/protection of 300 feet of eroded bank on the Arroyo Mocho, adjacent to the City/LARPD Maintenance Service Center facility has been completed. Fund 323 refers to the LARPD's contribution for 38% of project cost. Mitigation work in Sycamore Grove Park was completed in FY 06/07 to satisfy Fish and Game permit conditions. On going expenses are for biological monitoring of the mitigation work for the bank repair and plant replacement. Refer to LARPD Project No. 02-03.

Project Justification: The southern bank of the Arroyo Mocho near the City/LARPD Maintenance Service Center needs to be repaired to head off further erosion and preserve the existing maintenance road and perimeter wall around the maintenance center.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 169,270	$ 25,000	$ -	$ -	$ -	$ -	$ -	$ 194,270
308 Storm Drain	21,430	-	-	-	-	-	-	21,430
323 LARPD	54,990	-	-	-	-	-	-	54,990
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 245,690**	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 270,690**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Stream Channel Master Plans

CIP No: 200445

Location: Stream Channels - Citywide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Compile new and analyze existing creek, flooding water quality and other necessary data to develop a comprehensive creek and watershed master plan that will satisfy new water quality permit requirements as well as aid in the managment of the floodpains within the jurisdiction of the City. Prior Year expenditures were for the development of a stream channel hydraulic model and companion stream channel master plan report identifying existing and future stream channel hydraulic deficiencies. Expect Zone 7 new model to be available 2015/16. FY 15/16 through FY 16/17 expenditures are for revising the 2004 Storm Drain Master Plan to match the revised Zone 7 model. Subsequent expenditures are for entering data into a regional stormwater treatment device database and for developing a comprehensive creek and watershed master plan.

Project Justification: The 2004 Storm Drainage Master Plan did not include creeks since the City's storm drain connection fees cannot include channel improvements other than culvert improvements. Currently many of the creeks are owned and maintained by the City and will not be accepted by Zone 7 for maintenance until they meet Zone 7 standards. Now that these standards are better identified in the 2003 Zone 7 Draft Stream Management Master Plan, a City-wide creek and watershed plan can be developed. Creek studies can be compiled along with any new analysis to identify the specific City-wide projects needed to upgrade creeks to meet Zone 7 standards and meet new water quality requirements. Some of these creek upgrade projects, such as the Arroyo Las Positas downstream of Kitty Hawk are also identified in the Zone 7 Stream Management Master Plan. Mapping existing creeks and detention basins along with new features, determining the funding requirements and finding or developing funding sources to build the identified projects will aid in a more efficient allocation of City resources.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 100,730	$ -	$ 40,000	$ 10,000	$ 10,000	$ 10,000	$ 200,000	$ 370,730
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 100,730**	**$ -**	**$ 40,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 200,000**	**$ 370,730**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Major Storm Drain Trunkline Upgrades

CIP No: 200520

Location: Various City Locations

Project Sponsor: Community Development

Status: Not Started

Project Description: This project includes storm drain trunkline upgrade projects outside the Brisa Area that are required to keep pace with development and alleviate system capacity inadequacies and bottlenecks in accordance with the recommendations of the 2009 Storm Drain Master Plan Addendum by Schaaf and Wheeler. This project includes improvements to the Second Street, Village, and Southfront storm drain systems. Required improvements due to new development in the Brisa area are being constructed as part of Brisa Area Storm Drain Improvements Project 2007-23. FY 2017-2018 expenditures of $2,100,000 are for the Second Street Storm Drain Improvements in the Downtown area. See "Infrastructure Rehabilitation" section for projected unmet needs.

Project Justification: This project will implement required storm drainage system improvements shown in the 2009 Storm Drain Master Plan Addendum to mitigate anticipated drainage problems associated with new developments.

Project Funding:

O&M Cost Assumptions: There will be no increase in O&M costs associated with these upsized storm drains.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
308 Storm Drain	$ -	$ -	$ -	$ -	$ 2,100,000	$ -	$ 1,506,000	$ 3,606,000
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,100,000**	**$ -**	**$ 1,506,000**	**$ 3,606,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Bear Creek Drive Storm Drain Protection

CIP No: 200648

Location: Bear Creek Drive and Knoll Way

Project Sponsor: Community Development

Status: In Progress

Project Description: This project involves reducing the amount of naturally occuring oil that discharges from the storm drain system in the vicinity of Bear Creek Road and Knoll Way that discharges to Altamont Creek. Prior expenditures were for sliplining 1,100 feet of the lower portion of the storm drain system and coating six storm drain structures; completing a report that evaluated the effectiveness of the initial work and determined what additional measures are needed to protect the storm drain system; and installing an oil separator at the outfall of the northern segment of the storm drain system (Edgewater Lane and Knoll Way). FY 14/15 and 15/16 expenditures are for making modifications to the discharge vault structure at the outfall of the entire storm drain system. Modifications include converting the structure into an oil separator and installing a spring loaded lid.

Project Justification: Natural deposits of perched oil are seeping into the storm drain system in the area and potentially threaten habitat in Altamont Creek. The oil separator at Edgewater Lane and Knoll Way collects oil from the northern segment of the storm drain system; modifications to the downstream outfall vault will help collect oil from the other segments of the storm drain system.

Project Funding:

O&M Cost Assumptions: Maintenance and operation cost assume oil separator cleaned twice per year and includes oil disposed for an estimated amount of $7,000/year. Maintenance costs are covered under the construction agreement until 2017.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 395,460	$ -	$ -	$ -	$ -	$ -	$ -	$ 395,460
240 Stormwater User	58,258	15,000	60,000	-	-	-	-	133,258
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 453,718**	**$ 15,000**	**$ 60,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 528,718**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,000**	**$ -**	**$ 112,000**	**$ 119,000**

CIP Name: Brisa Storm Drain System Improvements **CIP No:** 200723

Location: Brisa neighborhood

Project Sponsor: Community Development **Status:** In Progress

Project Description: Construct storm drain system improvements to correct the Brisa area deficiencies identified in the 2004 Storm Drain Master Plan. The project is a box culvert north of Brisa Street and east of Vasco Road and some nearby pipe improvements. Prior year expenditures are for preliminary design and for reimbursements to the Butler and Dunn-Rite developments for oversizing storm drains in the Brisa Area as per the 2004 Storm Drain Master Plan.

Project Justification: These improvements are needed to resolve the Brisa area storm drain deficiencies identified in the 2004 Storm Drain Master Plan. Development in the area will increase the chance of flooding unless these improvements are constructed.

Project Funding: Fund 302 was a loan from the 2007 Refunding Certificates of Participation. FY 14/15 Fund 308 expenditures are for engineering, inspection, and administration associated with the box culvert. Fund D is anticipated developer contributions from the Brisa Neighborhood Project developer for construction of the box culvert. Developer will be reimbursed for Fund D contributions over an agreed upon time line. Reimbursements from Fund 308 are listed in Annual Miscellaneous Storm Drain Reimbursements Project 2000-56. FY 16/17 and 17/18 Fund 308 expenditures are for design and construction of the nearby pipe improvements.

O&M Cost Assumptions: Annual Maintenance & Operation cost assumptions: Box Culvert 1,400 I.f. @ $2 per I.f. = $2,800 Storm Drains 1,400 I.f. @ $0.5 per I.f. = $700

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
302 Developers Deposit	144,070	-	-	-	-	-	-	144,070
308 Storm Drain	369,570	50,000	-	100,000	950,000	-	-	1,469,570
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 513,640**	**$ 1,050,000**	**$ -**	**$ 100,000**	**$ 950,000**	**$ -**	**$ -**	**$ 2,613,640**
O&M Cost Estimate:	**$ 10,500**	**$ 3,500**	**$ 3,500**	**$ 3,500**	**$ 3,500**	**$ -**	**$ 56,000**	**$ 80,500**

CIP Name: Storm Drain Trash Capture Devices

CIP No: 201030

Location: Various

Project Sponsor: Public Works

Status: In Progress

Project Description: Install full trash capture devices in the storm drain system to meet the requirements of Livermore's Municipal Regional Stormwater Permit. In 2012, 179 trash capture devices were installed in storm drain curb inlets in wholesale and commercial areas. Prior Years and FY 14/15 expenditures are for preparing a Stormwater Trash Reduction Plan that evaluates how to comply with these requirements. Improvements and costs are idenified in this report. FY 16/17 expenditures are to determine how to fund and implement this activity and FY 17/18 expenditures are the estimated costs asssociated with complying with 2017 storm reduction requirements and Out Year expenditures are for complying with the 2022 requirements.

Project Justification: The recently adopted Regional Water Quality Control Board Regional Stormwater Permit requires that trash capture devices need to be installed in a portion of each city's retail and commercial area storm drain systems. The permit requires cities to reduce baseline trash quantities by 40% in 2014, 70% in 2017, and 100% in 2022. These devices will reduce the amount of trash washed into creeks during storm events.

Project Funding: Fund D refers to $80,031 in Amercian Recovery and Reinvestment Act grant funds that were used to install the initial 179 devices. These payments were made directly by the Association of Bay Area Governements. Stormwater User Funds (Fund 240) fund the compliance study. General Funds in FY 16/17 cover the design of the improvements to meet the 2017 requirements. The City will evaluate funding options for the remaining improvements. Currently potential revenues from private parties or Solid Waste Fees (Fund W) are assumed.

O&M Cost Assumptions: Maintenance costs assume 1 hr/year for 179 devices at $450/hr = $80,000/yr

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ 80,031	$ -	$ -	$ -	$ -	$ -	$ -	$ 80,031
W Future Grants Or Anticipated Revenue	-	-	-	-	3,350,000	-	4,300,000	7,650,000
001 General Fund	-	-	-	60,000	-	-	-	60,000
240 Stormwater User	12,246	17,000	-	-	-	-	-	29,246
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 92,277**	**$ 17,000**	**$ -**	**$ 60,000**	**$ 3,350,000**	**$ -**	**$ 4,300,000**	**$ 7,819,277**
O&M Cost Estimate:	**$ 80,000**	**$ 80,000**	**$ 80,000**	**$ 80,000**	**$ 300,000**	**$ -**	**$ 7,000,000**	**$ 7,620,000**

CIP Name: Arroyo Las Positas & Mocho Flood Control

CIP No: 201216

Location: Arroyo Las Positas & Mocho

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: The City has partnered with Zone 7 to implement StreamWISE projects within the City of Livermore. Projects along the Arroyo Las Positas already identified in CIP No. 201217 and 201218 and include StreamWISE projects R.1-7, R.5-2 and R.5-3. This project includes the remaining projects R.1-2, R.1-6, R.3-2, R.3-4, R.3-5, R.6-1 and R.6-2 that are not already identified as CIP projects. Analysis and coordination with Zone 7 is needed to determine improvements that can be incorporated into future park, creek and habitat restoration projects.

Project Justification: Control of sediment along both the Arroyo Mocho and Arroyo Las Positas is necessary to reduce future maintenance costs and flooding. Coordination with Zone 7 allows the City to provide input into the design process so that regional projects can be incorporated best into ongoing development, park, creek restoration and trail projects along the creek corridors. Mitigation opportunities identified through this analysis will benefit other city and Zone 7 projects and reduce the futre maintenance costs or shift the responsibility of maintenance to Zone 7 thus eliminating City creek maintenance for those sections of the Arroyo the City now has the responsibility to maintain.

Project Funding: Fund 001 provides for the City to process a map that will deed property to Zone 7 north of I-580. Fund D refers to the grants, assessments, funds from Zone 7 for Regional Flood Control Improvements.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ -	$ -	$ -	$ 273,275,000	$ 273,275,000
001 General Fund	-	-	25,000	25,000	25,000	-	-	75,000
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ -**	**$ -**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ -**	**$ 273,275,000**	**$ 273,350,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Arroyo Las Positas Airport Flood Control

CIP No: 201217

Location: El Charro Road to Isabel

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: The StreamWISE Arroyo Las Positas Diversion Project R5.3 is part of Zone 7 's regional multi-phase 100-year flood protection solution. The project components include: Phase 1) Flood control improvements that are part of CIP200720, Phase 2) a berm or wall along the southern side of Arroyo Las Positas from Airway Blvd to Isabel Avenue and desilting this stretch of channel, Phase 3a) Creek restoration through the golf course to remove non-native vegetation, silt, plant native vegetation and provide for a 15 year frequency flood conveyance. Phase 3b) a flood wall and levee extending from the golf course berm (built with Phase 1) along the Club House parking lot across and along the south side of Club House Drive. This phase includes flood-proofing Beeb's and the pro shop, the installation of 4-15 x7' culverts under Airway Blvd. and certification of levees. Phase 4) 4-8'x10' RCB's from southern conveyance facility to Cope Lake with a pump station and extension of the concrete lined Arroyo Mocho for drain back flows Phase 5) Construction of additional culverts from the southern conveyance facility, constructed with CIP 200720, to Cope Lake and additional pumps to convey the ultimate 6,000-8,000 cfs.

Project Justification: Regional Flood Control Improvements are necessary to eliminate severe streambed erosion and flooding downstream. A diversion system to divert 6,000 to 8,000 cfs to Cope Lake has been determined by Zone 7 in their StreamWISE program to be the best regional solution. Development in the El Charro Specific Plan has necessitated early preliminary analysis to identify Phase 1 and subsequent phasing necessary to convey ultimate flows through the Las Positas Golf Course without damaging the Airport. City analysis and coordination with Zone 7 will continue to allow the City to guide Zone 7 regional projects through private and City owned land to provide long term solutions that are best for the City and Zone 7.

Project Funding: Phases 2 and 3 are estimated to cost a total of $38 million and will protect the airport from flooding. Funds shown through FY 16/17 are for the preliminary design of Phases 2 and 3; FY 17/18 funds are for constructing a portion of the Phase 2 levee along Club House Drive. The direct benefit to the Airport for these phases is calculated to be 33% of the project cost and the remaining 67% a regional benefit. Airport funds are only available for the FBO levee, so the remaining cost for Phase 2 and 3 is shown as being funded by other agencies (Fund D) such as an FAA grant, funding from Zone 7 or other grants. Out Year expenditures are for the remainder of the project and are listed as being funded by other agencies (Fund D).

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ -	$ 37,000,000	$ -	$ 120,000,000	$ 157,000,000
001 General Fund	21,670	-	-	-	-	-	-	21,670
210 Airport	16,348	200,000	100,000	100,000	700,000	-	-	1,116,348
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 38,018**	**$ 200,000**	**$ 100,000**	**$ 100,000**	**$ 37,700,000**	**$ -**	**$ 120,000,000**	**$ 158,138,018**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Airway Blvd. Flood Control

CIP No: 201218

Location: Arroyo Las Positas from Airway Blvd. To Cayetano Creek

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: The City has partnered with Zone 7 to implement StreamWise projects within the City of Livermore. This project is identified as R.5-2 in the Zone 7 StreamWise program. This project includes channel and culvert desilting and a comprehensive sediment analysis, a stream corridor restoration plan including fish-friendly grade control structures and creek restoration to original design between Airway Blvd. and Cayetano Creek. The desilting portion of this project between Airway Blvd. and Isabel Avenue should be constructed with Phases 2 and 3 of Arrroyo Las Positas Airport Flood Control Project 2012-17. The remainder of this project should be completed after Phases 2 and 3 of Project No. 2012-17 is completed. The City and Zone 7 each own half of the channel between Airway Blvd. and Kitty Hawk Rd.

Project Justification: Channel capacity to contain 100-year old flood has greatly diminished to a 10-year capacity or less so the channel needs to be desilted to contain the 100-year flood. Channel desitlting only is not permittable without a creek restoration plan with mitigation. This project will provide the necessary plan to allow the project to be permitted for capital improvements and on-going maintenance. Maintenance which is now both Zone 7 and the City responsibility (each own one-half of the channel) is expected to transfer to Alameda County Flood Control (Zone 7) after these improvements are completed. Desilting between Airway and Isabel along with Phases 2 and 3 of Project 2012-17 will protect the airport from flooding.

Project Funding: Fund 001 will provide City analysis, review and coordination with Zone 7. Fund D refers to $120,000 in Federal funding for the Arroyo Las Positas and Arroyo Mocho Channels previously authorized in Federal FY 2003 & 2004 respectively. The estimated cost to desilt the Arroyo between Airway and Isabel is $4.8 million and is included in the cost for Project 2012-17. Out years expenditures to Fund D refers to the grants, assessments, funds from Zone 7 for Regional Flood Control Improvements.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ 120,000	$ -	$ -	$ 26,000,000	$ 26,120,000
001 General Fund	-	-	-	25,000	-	-	-	25,000
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 145,000**	**$ -**	**$ -**	**$ 26,000,000**	**$ 26,145,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Citywide Culvert Outfall Project

CIP No: 201323

Location: Citywide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Permit preparation and CEQA documentation needed to obtain an annual maintenance permit to clean out critical storm drain outfalls by the end of FY 13/14 to alleviate flooding. Annual expenditures are for clearing critical outfalls (approximately $100,000 per year) and for ongoing permitting and reporting costs. Additional funding in FY 15/16 is for vegetation management. Maintenance permit will allow for annual maintenance.

Project Justification: Creek maintenance has not been done for several years resulting in sediment-clogged outfalls that need cleaning to function prorperly and alleviate flooding. Annual creek maintenance permit is required to clean outfalls annually. Mitigation approach is near final and initial study expected to be approved March 2015 for permit issuance in late 2015. Included annual maintenance project cost.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 352,805	$ 120,000	$ 278,000	$ 225,000	$ 125,000	$ 125,000	$ -	$ 1,225,805
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 352,805**	**$ 120,000**	**$ 278,000**	**$ 225,000**	**$ 125,000**	**$ 125,000**	**$ -**	**$ 1,225,805**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Miscellaneous Storm Drain and Culvert Repairs

CIP No: 201325

Location: Various Locations

Project Sponsor: Public Works

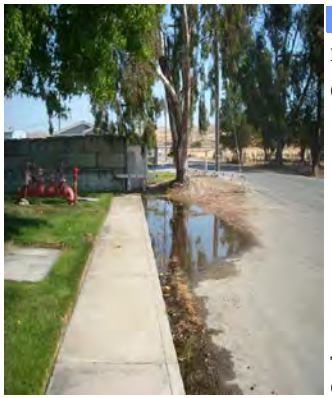
Status: In Progress

Project Description: Repair existing deficiencies in storm drains and culverts under city roadways including repairing pipes in place, replacing pipes, or desilting pipes. FY 14/15 and 15/16 expenditures involve installing a storm drain on Greenville south of Marathon. FY 16/17 expenditures are for installing a storm drain on L Street between Railroad Ave. and the railroad tracks.

Project Justification: Repairing storm drains and culverts under roadways will reduce the potential of flooding and sink holes on City roadways. The storm drain on Greenville will eliminate ponding near Marathon and the storm drain on L Street will eliminate flooding.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
681 Local Vehicle Reg Fee	$ 18,147	$ 15,000	$ 125,000	$ 50,000	$ 50,000	$ 50,000	$ 800,000	$ 1,108,147
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ 18,147**	**$ 15,000**	**$ 125,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 800,000**	**$ 1,108,147**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Culvert Improvements

CIP No: 201413

Location: Various Locations

Project Sponsor: Public Works

Status: Not Started

Project Description: Construct the culvert improvements identified in the 2009 Storm Drain Master Plan Addendum with the exception of the Jack London Boulevard culverts and Arroyo Las Positas Golf Course Bridge culvert improvements which are included in Capital Improvement Program as separate projects and the Central Ave culvert which was reevaluated and is no longer considered a problem. This project includes culvert improvements along the Arroyo Las Positas at Airway, Vasco, Heather, Bluebell and Arrowhead; along the Altamont Creek at Broadmoor, Pasatiempo, and Vasco; along the Arroyo Seco at Lucille; and under I-580 near Las Positas Road.

Project Justification: Future development identified in the General Plan will increase peak storm flows. The 2009 Storm Drain Master Plan Addendum determined that these culverts will not be able to handle ultimate peak storm flows. Upsizing the culverts is the responsibility of the City because they are located under City roadways and trails.

Project Funding: The 2009 Storm Drain Master Addendum calculated the portion of each improvement needed to accommodate existing flows and the additional upsizing needed for ultimate flows. Costs associated with upsizing for existing flows are funded with General Funds (Fund 001) and costs associated with upsizing for ultimate flows are funded with Storm Drain Funds (Fund 308).

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,202,000	$ 5,202,000
308 Storm Drain	-	-	-	-	-	-	3,681,000	3,681,000
								-
								-
								-
								-
								-
								-
								-
								-
								-
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 8,883,000**	**$ 8,883,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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Street Maintenance – Introductory Comments

This program area provides for the preservation and maintenance of existing transportation and pedestrian infrastructure throughout the City. Projects in this category include annual preventative street slurry seals, rehabilitative street overlays, annual sidewalk repair, ADA access ramp installations, curb and gutter replacement, median rehabilitation, street light upgrade and relocation, and miscellaneous street infrastructure repair and preventative maintenance.

It should be noted that the cost of preventative maintenance on streets is approximately 10% of the cost of street replacement, and the cost of rehabilitative maintenance is approximately 50% of the cost of street replacement. Without a preventative maintenance and rehabilitative program, the useful life of streets is typically less than 15 years. Following a regularly scheduled preventative maintenance and rehabilitative maintenance schedule on streets extends the useful life of the street. Depending on the frequency of preventative maintenance, street life can be extended for decades.

The primary funding sources for this program includes gas taxes, Measure B local funds, Refuse Vehicle Impact Fees, Federal/State Grants, and local vehicle registration fees. New Measure B2 funding is now dedicated for street maintenance in the amount of approximately $840,000 per year.

City of Livermore
20-Year Capital Improvement Plan
Street Maintenance

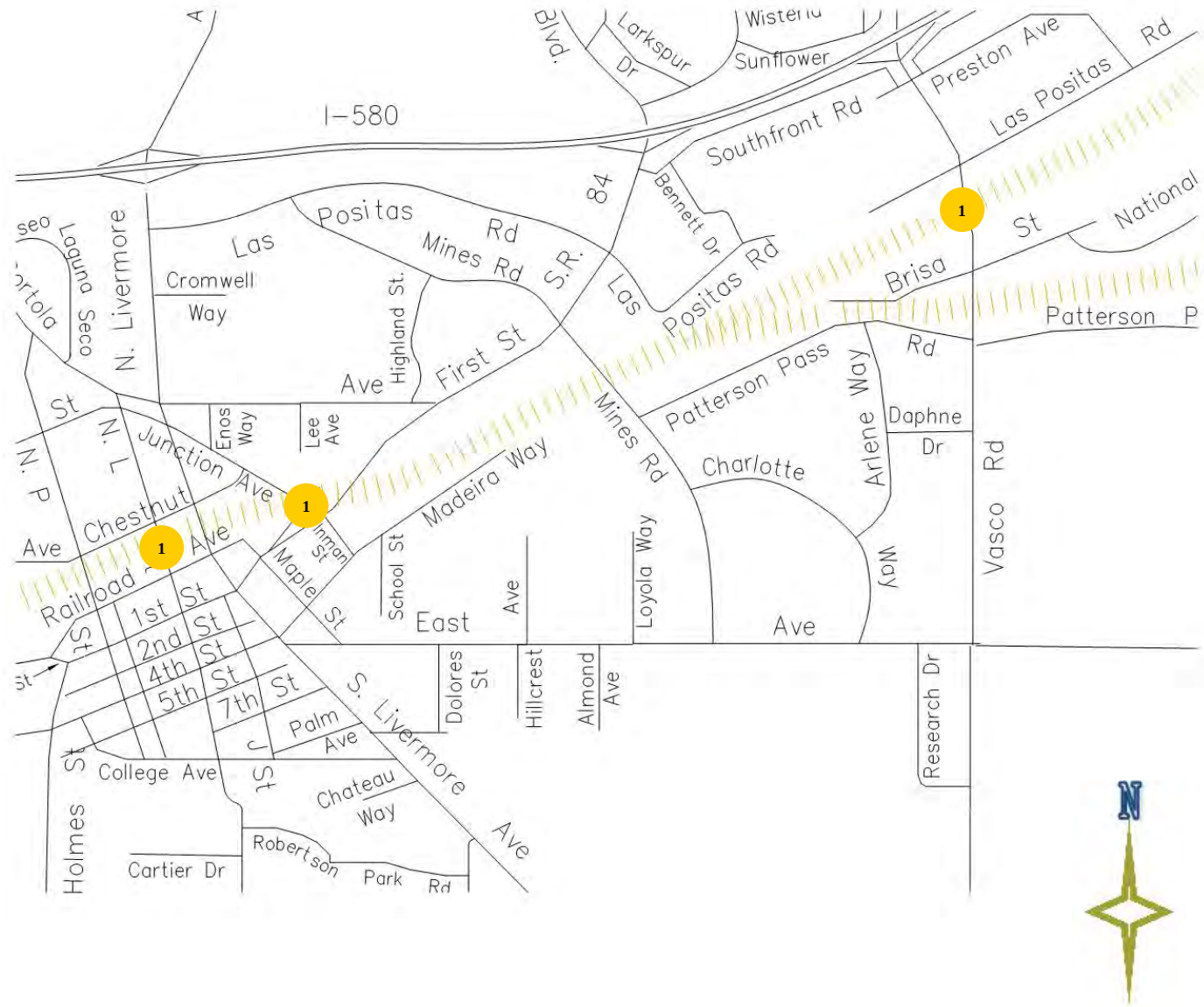
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200061	Street Light Circuit Upgrade	Completed	214,850	3,300	-	-	-	-	-	218,150
200062	Street Light Upgrade and Relocation	Completed	150,353	1,000	-	-	-	-	-	151,353
200109	Annual Misc. Major Public Works Repairs	Completed	260,363	1,000	-	-	-	-	-	261,363
200113	Annual Street Lighting	In Progress	371,350	31,069	115,000	115,000	115,000	115,000	1,490,000	2,352,419
200218	South Livermore Ave Sidewalk South of Chateau Way	Not Started	-	-	-	-	80,000	-	-	80,000
200712	El Caminito Asphalt Sidewalk Replacement	Not Started	5,820	-	-	-	135,000	-	-	140,820
200722	Annual Curb and Gutter Replacement	In Progress	127,022	-	15,000	15,000	15,000	15,000	240,000	427,022
201032	Robertson Park Road Rehab.	Not Started	-	-	-	-	800,000	-	-	800,000
201036	Annual Vehicle Bridge Maintenance	In Progress	5,055	15,000	15,000	120,000	15,000	15,000	240,000	425,055
201401	Street Resurfacing 2014	In Progress	124,453	1,065,000	-	-	-	-	-	1,189,453
201402	Sidewalk Repair Program 2013-2015	In Progress	185,551	499,000	-	-	-	-	-	684,551
201404	Slurry Seal 2014	In Progress	106,304	1,171,696	-	-	-	-	-	1,278,000
201407	ADA Access Ramps 2015-16	Not Started	-	10,000	140,000	-	-	-	-	150,000
201417	2014 Arterial Street Rehabilitation Project	Completed	135,829	1,271,951	-	-	-	-	-	1,407,780
201418	Miscellaneous Street Repairs	Not Started	-	20,000	20,000	20,000	20,000	-	320,000	400,000
201501	Street Resurfacing 2015	Not Started	-	150,000	2,502,000	-	-	-	-	2,652,000
201504	Slurry Seal 2015	Not Started	-	150,000	1,217,000	-	-	-	-	1,367,000
201507	ADA Accesss Ramps 2017-18	Not Started	-	-	-	10,000	140,000	-	-	150,000
201601	Street Resurfacing 2016	Not Started	-	-	150,000	2,405,000	-	-	-	2,555,000
201602	Sidewalk Repair Program 2015-16	Not Started	-	175,000	209,000	-	-	-	-	384,000
201604	Slurry Seal 2016	Not Started	-	-	150,000	1,155,000	-	-	-	1,305,000
201607	ADA Access Ramps 2018-19	Not Started	-	-	-	-	10,000	140,000	1,200,000	1,350,000
201701	Street Resurfacing 2017	Not Started	-	-	-	150,000	2,550,000	-	-	2,700,000
201702	Sidewalk Repair Program 2016-17	Not Started	-	-	175,000	209,000	-	-	-	384,000
201704	Slurry Seal 2017	Not Started	-	-	-	150,000	1,270,000	-	-	1,420,000
201801	Street Resurfacing 2018	Not Started	-	-	-	-	150,000	2,550,000	-	2,700,000
201802	Sidewalk Repair Program 2017-18	Not Started	-	-	-	175,000	209,000	-	-	384,000
201804	Slurry Seal 2018	Not Started	-	-	-	-	150,000	1,270,000	-	1,420,000
201821	Railroad At-Grade Crossing Rehabilitation	Not Started	-	-	-	50,000	200,000	250,000	-	500,000
201901	Street Resurfacing 2019	Not Started	-	-	-	-	-	150,000	44,970,000	45,120,000
201902	Sidewalk Repair Program 2018-19	Not Started	-	-	-	-	175,000	209,000	6,144,000	6,528,000
201904	Slurry Seal 2019	Not Started	-	-	-	-	-	150,000	23,850,000	24,000,000
Total Funding:			**$ 1,686,949**	**$ 4,564,016**	**$ 4,708,000**	**$ 4,574,000**	**$ 6,034,000**	**$ 4,864,000**	**$78,454,000**	**$ 104,884,965**
O&M Cost Estimate:			**$ 16,800**	**$ 150**	**$ 150**	**$ 150**	**$ 150**	**$ -**	**$ 38,400**	**$ 55,800**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1 RAILROAD AT-GRADE CROSSING REHABILITATION



CITYWIDE PROJECTS:

- STREET LIGHT CIRCUIT UPGRADE
- STREET LIGHT UPGRADE AND RELOCATION
- STREET LIGHT INSTALLATION - DARK AREAS
- ANNUAL CURB AND GUTTER REPLACEMENT
- ANNUAL VEHICLE BRIDGE MAINTENANCE
- STREET RESURFACING (2014, 2015, 2016, 2017)
- SIDEWALK REPAIR PROGRAM (13-15, 15-16, 16-17, 17-18)
- SLURRY SEAL (2014, 2015, 2016, 2017)
- ADA ACCESS RAMPS (2015-16, 2017-18)
- 2014 ARTERIAL STREET RAHABILITATION PROJECT
- MISCELLANEOUS STREET REPAIRS
- ANNUAL STREET LIGHTING

CIP Name: Street Light Circuit Upgrade

CIP No: 200061

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: This cost-saving project will replace the remaining direct burial street light circuits to eliminate the costly replacement of short runs as they fail. This project has been replaced by Project 2001-13

Project Justification: In addition to saving maintenance costs, this project will maintain the operation of street lights with direct burial circuits. On-going project to replace failing burial street lighting circuits

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources		FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
652 Special Gas Tax-2107	$ 214,850	$ 3,300	$ -	$ -	$ -	$ -	$ -	$ 218,150
Total Funding:	**$ 214,850**	**$ 3,300**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 218,150**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Light Upgrade and Relocation

CIP No: 200062

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: Annual project to upgrade or relocate existing street lighting at various locations. This project will convert approximately 800 decorative HPS lights in neighborhoods to LED for greater energy efficiency and replace poles as necessary. This project has been replaced by Project 2001-13.

Project Justification: This project will improve traffic safety and reduce energy costs.

Project Funding: Grant funding or energy partnerships will be considered to leverage gas tax funds.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
652 Special Gas Tax-2107	$ 123,656	$ 1,000	$ -	$ -	$ -	$ -	$ -	$ 124,656
654 SB300	1,140	-	-	-	-	-	-	1,140
740 Facilities Rehab Pgm	25,556	-	-	-	-	-	-	25,556
Total Funding:	**$ 150,353**	**$ 1,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 151,353**
O&M Cost Estimate:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CIP Name: Annual Misc. Major Public Works Repairs

CIP No: 200109

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: Major repairs that cannot be performed within the Maintenance Division budget. This project is being replaced by Project No. 2014-18.

Project Justification: This project sets aside funds for constructing major repair projects that cannot be done within the Maintenance Division's budget.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 134,680	$ -	$ -	$ -	$ -	$ -	$ -	$ 134,680
650 Gas Tax Prop 111	3,970	-	-	-	-	-	-	3,970
652 Special Gas Tax-2107	59,483	1,000	-	-	-	-	-	60,483
678 Measure B-2000 Pass-Thru	62,230	-	-	-	-	-	-	62,230
Total Funding:	**$ 260,363**	**$ 1,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 261,363**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Street Lighting

CIP No: 200113

Location: City Wide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Annual project to install, upgrade, relocate, maintain, streetlighting including decorative streetlighting and associated work related to streetlighting including replacing direct buria circuits and poles as necessary. Projects 2000-61 and 2000-62 have been eliminated and combined with this project.

Project Justification: In previous years, there were threee seperate CIP projects associated with annual streetlighting. This project will consolidate all annual streetlighting projects into one project. This consolidated project will further enhance pedestrian and traffic safetyby maintaining and improving lighting levels, reduce energy use by upgrading existing HPS lights or other incandescent lights to LED, and saving maintenance costs since LED lasts substantially longer and by eliminating direct burial circuits as needed.

Project Funding: Grant funding or energy partnerships will be considered to leverage gas tax funds.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ 166,699	$ 31,069	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 480,000	$ 797,768
652 Special Gas Tax-2107	-	-	85,000	35,000	35,000	35,000	210,000	400,000
656 Federal Street Grants	149,751	-	-	-	-	-	-	149,751
659 Gas Tax - 2103	24,676	-	-	-	-	-	-	24,676
687 Measure BB-Bike/Pedestrian	-	-	-	50,000	50,000	50,000	800,000	950,000
740 Facilities Rehab Pgm	30,224	-	-	-	-	-	-	30,224
Total Funding:	**$ 371,350**	**$ 31,069**	**$ 115,000**	**$ 115,000**	**$ 115,000**	**$ 115,000**	**$ 1,490,000**	**$ 2,352,419**
O&M Cost Estimate:	**$ 16,800**	**$ 150**	**$ 150**	**$ 150**	**$ 150**	**$ -**	**$ 38,400**	**$ 55,800**

CIP Name: South Livermore Ave Sidewalk South of Chateau Way

CIP No: 200218

Location: South Livermore Ave. sidewalk, south of Chateau Way

Project Sponsor: Community Development

Status: Not Started

Project Description: Obtain the right of way and construct sidewalk on the west side of South Livermore Avenue between Chateau Way and the bike path.

Project Justification: Completing this last section of sidewalk will provide safe travel for pedestrians from the sidewalk adjacent to Our Savior Church, and the bike path, to Chateau Way.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ -	$ -	$ -	$ -	$ 80,000	$ -	$ -	$ 80,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**	**$ -**	**$ -**	**$ 80,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: El Caminito Asphalt Sidewalk Replacement

CIP No: 200712

Location: El Caminito between Encino and El Padro

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Remove existing asphalt concrete sidewalk and damaged curb and gutter on the south side of El Caminito between Encino Drive and El Padro Drive and replace with a concrete sidewalk. Includes tree work and irrigation system for new street trees.

Project Justification: The replacement of the asphalt sidewalk with concrete will eliminate potential tripping hazards and will minimize long term maintenance outlays.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
659 Gas Tax - 2103	$ 5,820	$ -	$ -	$ -	$ 135,000	$ -	$ -	$ 140,820
Total Funding:	**$ 5,820**	**$ -**	**$ -**	**$ -**	**$ 135,000**	**$ -**	**$ -**	**$ 140,820**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Curb and Gutter Replacement

CIP No: 200722

Location: Citywide

Project Sponsor: CDD - Engineering

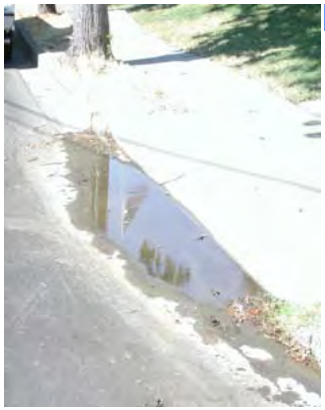
Status: In Progress

Project Description: Project provides for correction of curb and gutter drainage problems Citywide as complaints from residents are received or as necessary with sidewalk programs or other projects. See "Infrastructure Rehab" section for projected unmet needs.

Project Justification: Project will correct gutter ponding problems reported by residents. Gutter ponding is unsightly and weakens the pavement subgrade due to water seepage between the pavement and lip of gutter. Curb and gutter repairs are generally made in conjunction with street resurfacing due to the need to match the new lip of gutter elevation to the street pavement. However, because of the need to adjust the pavement, only a small number of complaints can be addressed due to the limited number of streets resurfaced annually. This program provides a mechanism for correcting drainage problems in the near term in lieu of postponing repairs until the street is resurfaced.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ 127,022	$ -	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 240,000	$ 427,022
Total Funding:	**$ 127,022**	**$ -**	**$ 15,000**	**$ 15,000**	**$ 15,000**	**$ 15,000**	**$ 240,000**	**$ 427,022**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Robertson Park Road Rehab.

CIP No: 201032

Location: Robertson Park

Project Sponsor: LARPD

Status: Not Started

Project Description: Repair, repave and restripe Robertson Park Road through Robertson park. The road is used by the public and both LARPD and City vehicles accessing the Multi Service Center. Cost estimate of $800,000. LARPD CIP No. 708.

Project Justification: Road surface and sub-base are worn and damaged from vehicular traffic (especially from heavy vehicles such as dump trucks and fire engines) and needs repair. Continued access via this road is important to the operational needs of the City and LARPD and for public access for the Robertson Park facilities and events.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
323 LARPD	$ -	$ -	$ -	$ -	$ 800,000	$ -	$ -	$ 800,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 800,000**	**$ -**	**$ -**	**$ 800,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Vehicle Bridge Maintenance

CIP No: 201036

Location: Citywide

Project Sponsor: PW - Streets

Status: In Progress

Project Description: Caltrans performs bridge inspections of locally owned bridges on an annual basis and forwards a list of recommended maintenance activities to the City. Project funds cover required maintenance for bridges inspected by Caltrans as well as associated engineering and permitting costs. Project funds also cover engineering costs associated with inspecting bridges with spans of less than 20 feet that are not inspected by Caltrans. FY 16/17 expenditures are for completing repairs identified over the last 4 years. The most significant repair invovles patching and sealing the top of the box culverts along the Altamont Creek at Bluebell Road.

Project Justification: Project provides preventative and minor rehabilitative maintenance to locally owned bridges which extends asset life and reduces future capital outlays for major rehabilitative maintenance and /or bridge replacement. The City owns and maintains bridges throughout the City.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ 5,055	$ 15,000	$ 15,000	$ 120,000	$ 15,000	$ 15,000	$ 240,000	$ 425,055
Total Funding:	**$ 5,055**	**$ 15,000**	**$ 15,000**	**$ 120,000**	**$ 15,000**	**$ 15,000**	**$ 240,000**	**$ 425,055**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Resurfacing 2014 **CIP No:** 201401

Location: City wide

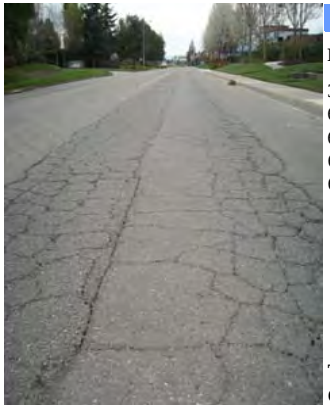
Project Sponsor: CDD - Engineering **Status:** In Progress

Project Description: Base repair and resurfacing of various residential, collector, arterial roadways, bike paths, public parking lots and other City owned paved facilities. Priorities for resurfacing are established by the Pavement Management System (PMS), traffic volumes, staff field inspections and staff requests. The budget for the project includes review and update of the PMS data base and City wide field reviews of City streets to update pavement condition indices (PCIs).

Project Justification: This project provides repair and resurfacing of City streets, thereby extending asset life and improving public safety by eliminating road hazards (pot holes, standing water, dips, undulations, bumps, etc.)

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R IMPACT FEE	$ 124,453	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ 374,453
652 Special Gas Tax-2107	-	55,000	-	-	-	-	-	55,000
659 Gas Tax - 2103	-	350,000	-	-	-	-	-	350,000
678 Measure B-2000 Pass-Thru	-	400,000	-	-	-	-	-	400,000
681 Local Vehicle Reg Fee	-	10,000	-	-	-	-	-	10,000
Total Funding:	**$ 124,453**	**$ 1,065,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,189,453**
O&M Cost Estimate:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CIP Name: Sidewalk Repair Program 2013-2015

CIP No: 201402

Location: Sidewalks City-Wide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Annual Repairs to existing City sidewalks including curb/gutter and street tree work. This project will reconstruct a portion of the Blue Stone sidewalks in Downtown with stamped concrete. See "Infrasturcture Rehab" section for projected unmet needs.

Project Justification: This project will improve pedestrian access and safety.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ 14,393	$ 109,000	$ -	$ -	$ -	$ -	$ -	$ 123,393
678 Measure B-2000 Pass-Thru	171,157	390,000	-	-	-	-	-	561,157
Total Funding:	**$ 185,551**	**$ 499,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 684,551**
O&M Cost Estimate:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CIP Name: Slurry Seal 2014

CIP No: 201404

Location: Citywide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Slurry seal pavement treatment of various residential, collector and arterial roadways and overcoat of public parking lots and other City owned facilities.

Project Justification: Slurry seal treatment is a preventative maintenance treatment measure that extends pavement life, reducing long term expenditures for street resurfacing and street reconstruction.

Project Funding: FY14/15 funds include $100K to slurry seal Zone 7's access road (Foley Road) leading to their water treatment plant. Zone 7 to reimburse the City for this $100K expenditure which will reimburse Fund 344.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ 106,304	$ 471,696	$ -	$ -	$ -	$ -	$ -	$ 578,000
650 Gas Tax Prop 111	-	200,000	-	-	-	-	-	200,000
678 Measure B-2000 Pass-Thru	-	300,000	-	-	-	-	-	300,000
681 Local Vehicle Reg Fee	-	200,000	-	-	-	-	-	200,000
Total Funding:	**$ 106,304**	**$ 1,171,696**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,278,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: ADA Access Ramps 2015-16 **CIP No:** 201407

Location: Citywide

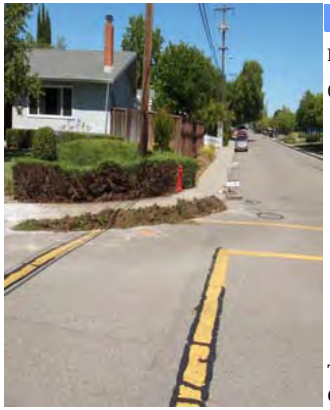
Project Sponsor: Community Development **Status:** Not Started

Project Description: Installation of Americans with Disabilities Act (ADA) access ramps based on requests and on the Human Services Commission priority list, in connection with the Americans with Disabilities Act. Focus will be on the Downtown core area as per the Human Services Commission priority list, followed by all other locations in the City. This project will update the list of ramps in the Downtown core area and develop a master list of ramps for other areas of the City.

Project Justification: The installation of access ramps increases the safe mobility of Livermore's disabled citizens.

Project Funding: The project funding is based on approximately 10% of the projected annual revenue collected for special gas tax fund 2105 (Fund 650) and special gas tax fund 2106 (Fund 653) at approximately $75,000/year. The budget shown is for two fiscal years of handicap ramps. Cost of each ramp is estimated at approximately $3,750 including the cost of construction, contingency, engineering, material testing, inspection and contract administration.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ -	$ 10,000	$ 140,000	$ -	$ -	$ -	$ -	$ 150,000
Total Funding:	**$ -**	**$ 10,000**	**$ 140,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: 2014 Arterial Street Rehabilitation Project **CIP No:** 201417

Location: Various Locations

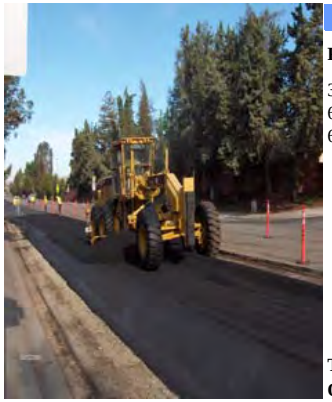
Project Sponsor: CDD - Engineering **Status:** Completed

Project Description: The streets that will be overlayed include Kittyhawk Rd. from Airway Blvd. to west of Isabel Ave., Vasco Rd. From Crestmont Ave. to Garaventa Ranch Rd., Airway Blvd. from Caltrans ROW to North Canyons Pkwy., and North Canyons Pkwy. from Airway Blvd. to Independance Drive.

Project Justification: This project provides repair and resurfacing to City streets thereby extending asset life and improving public safety by eliminating road hazards (potholes, ponding areas, dips, etc.) and provides the City an opportunity to take advantage of Federal road repair funds.

Project Funding: The City has received a federally funded (Fund 656) One Bay Area Grant in the amount of $1,052,780 for arterial street rehabilitation. A portion of Fund 344 will be used for the required local match 11.47% ($120,753). The remaining portion of Fund 344 and Fund 659 will include the design, materials testing, and construction administration.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ 135,829	$ 179,171	$ -	$ -	$ -	$ -	$ -	$ 315,000
650 Gas Tax Prop 111	-	40,000	-	-	-	-	-	40,000
656 Federal Street Grants	-	1,052,780	-	-	-	-	-	1,052,780
Total Funding:	**$ 135,829**	**$ 1,271,951**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,407,780**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Miscellaneous Street Repairs

CIP No: 201418

Location: Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Unanticipated major repairs which cannot be performed within the Maintenance Division operating budget.

Project Justification: This project sets aside funds for constructing major repair projects that are caused by unanticipated events such as storms or accidents.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
652 Special Gas Tax-2107	$ -	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ -	$ 320,000	$ 400,000
Total Funding:	**$ -**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ 320,000**	**$ 400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Resurfacing 2015 **CIP No:** 201501

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and resurfacing of various residential, collector, arterial roadways, bike paths, public parking lots and other City owned paved facilities. Priorities for resurfacing are established by the Pavement Management System (PMS), traffic volumes, staff field inspections and staff requests. The budget for the project includes review and update of the PMS data base and City wide field reviews of City streets to update pavement condition indices (PCIs).

Project Justification: This project provides repair and resurfacing of City streets, thereby extending asset life and improving public safety by eliminating road hazards (pot holes, standing water, dips, bumps, undulations, etc.)

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ 150,000	$ 450,000	$ -	$ -	$ -	$ -	$ 600,000
650 Gas Tax Prop 111	-	-	150,000	-	-	-	-	150,000
652 Special Gas Tax-2107	-	-	700,000	-	-	-	-	700,000
653 Special Gas Tax-2106	-	-	250,000	-	-	-	-	250,000
659 Gas Tax - 2103	-	-	520,000	-	-	-	-	520,000
681 Local Vehicle Reg Fee	-	-	200,000	-	-	-	-	200,000
688 Measure BB-Local St & Rd	-	-	232,000	-	-	-	-	232,000
Total Funding:	**$ -**	**$ 150,000**	**$ 2,502,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,652,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal 2015

CIP No: 201504

Location: Citywide

Project Sponsor: CDD - Engineering

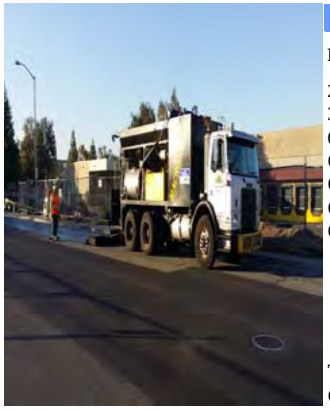
Status: Not Started

Project Description: Slurry seal treatment of various residential, collector and arterial roadways and overcoat of public parking lots and other City facilities.

Project Justification: Slurry seal treatment is a preventative maintenance treatment measure that extends pavement life thereby reducing long term expenditures for street resurfacing and street reconstruction. Fund 210 expenditures are for seal coating Terminal Circle parking lot.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
210 Airport	$ -	$ -	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
344 S W & R Impact Fee	-	150,000	200,000	-	-	-	-	350,000
650 Gas Tax Prop 111	-	-	200,000	-	-	-	-	200,000
653 Special Gas Tax-2106	-	-	250,000	-	-	-	-	250,000
659 Gas Tax - 2103	-	-	368,000	-	-	-	-	368,000
681 Local Vehicle Reg Fee	-	-	100,000	-	-	-	-	100,000
688 Measure BB-Local St & Rd	-	-	79,000	-	-	-	-	79,000
Total Funding:	**$ -**	**$ 150,000**	**$ 1,217,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,367,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: ADA Accesss Ramps 2017-18

CIP No: 201507

Location: Citywide

Project Sponsor: Community Development

Status: Not Started

Project Description: Installation of Americans with Disabilities Act (ADA) access ramps based on requests and on the Human Services Commission priority list, in connection with the Americans with Disabilities Act. Focus will be on the Downtown core area as per the Human Services Commisssion priority list, followed by all other locations in the City. This project will update the list of ramps in the downtown core area and develop a master list of ramps for other areas of the City. Out years expeniture is the projected amunt that is needed to install ADA compliant ramps Citywide.

Project Justification: The installation of access ramps increases the safe mobility of Livermore's disabled citizens.

Project Funding: The project funding for each year is based on approximately 10% of the projected annual revenue collected for special gas tax fund 2105 (Fund 650) and special gas tax fund 2106 (Fund 653) at approximately $75,000/year. The budget shown is for two fiscal years of handicap ramps. Cost of each ramp is estimated at approximately $3,750 including the cost of construction, contingency, engineering, material testing, inspection and contract administration.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ -	$ -	$ -	$ 10,000	$ 140,000	$ -	$ -	$ 150,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 10,000**	**$ 140,000**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Resurfacing 2016 **CIP No:** 201601

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and resurfacing of various residential, collector, arterial roadways, bike paths, public parking lots and other City owned paved facilities. Priorities for resurfacing are established by the Pavement Management System (PMS), traffic volumes, staff field inspections and staff requests. The budget for the project includes review and update of the PMS data base and City wide field review of City streets to update pavement condition indices (PCIs).

Project Justification: This project provides repair and resurfacing of City streets, thereby extending asset life and improving public safety by eliminating road hazards (pot holes, standing water, dips, bumps, undulations, etc.).

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
336 Frmr Rte 84-Repair Funds	$ -	$ -	$ -	$ 435,000	$ -	$ -	$ -	$ 435,000
344 S W & R Impact Fee	-	-	150,000	100,000	-	-	-	250,000
650 Gas Tax Prop 111	-	-	-	200,000	-	-	-	200,000
652 Special Gas Tax-2107	-	-	-	225,000	-	-	-	225,000
659 Gas Tax - 2103	-	-	-	100,000	-	-	-	100,000
678 Measure B-2000 Pass-Thru	-	-	-	515,000	-	-	-	515,000
681 Local Vehicle Reg Fee	-	-	-	250,000	-	-	-	250,000
688 Measure BB-Local St & Rd	-	-	-	580,000	-	-	-	580,000
Total Funding:	**$ -**	**$ -**	**$ 150,000**	**$ 2,405,000**	**$ -**	**$ -**	**$ -**	**$ 2,555,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sidewalk Repair Program 2015-16 **CIP No:** 201602

Location: Sidewalks Citywide

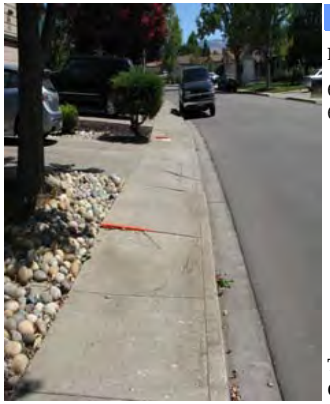
Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Annual repairs to existing City sidewalks including curb/gutter and street tree work. This project will reconstruct a portion of the Blue Stone sidewalks in Downtown with stamped concrete.

Project Justification: This project will remove potential tripping hazards, making the City sidewalks safer for pedestrians.

Project Funding: See "Infrastucture Rehab" section for projected unmet needs.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ -	$ -	$ 84,000	$ -	$ -	$ -	$ -	$ 84,000
678 Measure B-2000 Pass-Thru	-	175,000	125,000	-	-	-	-	300,000
Total Funding:	**$ -**	**$ 175,000**	**$ 209,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 384,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal 2016 **CIP No:** 201604

Location: Citywide

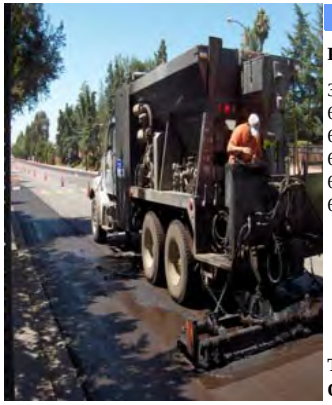
Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Slurry seal treatment of various residential, collector and arterial roadways and overcoat of public parking lots and other facilities.

Project Justification: Slurry Seal treatment is a preventative maintenance treatment measure that extends pavement life thereby reducing long term expenditures for street resurfacing and street reconstruction.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ 150,000	$ 235,000	$ -	$ -	$ -	$ 385,000
650 Gas Tax Prop 111	-	-	-	150,000	-	-	-	150,000
652 Special Gas Tax-2107	-	-	-	100,000	-	-	-	100,000
659 Gas Tax - 2103	-	-	-	190,000	-	-	-	190,000
678 Measure B-2000 Pass-Thru	-	-	-	150,000	-	-	-	150,000
688 Measure BB-Local St & Rd	-	-	-	330,000	-	-	-	330,000
Total Funding:	**$ -**	**$ -**	**$ 150,000**	**$ 1,155,000**	**$ -**	**$ -**	**$ -**	**$ 1,305,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: ADA Access Ramps 2018-19 **CIP No:** 201607

Location: Citywide

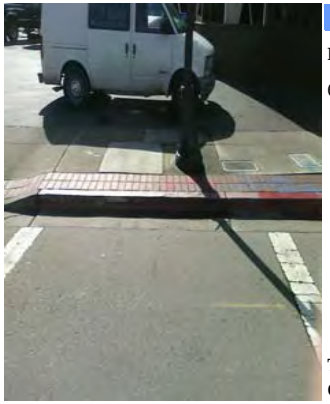
Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Installation of Americans with Disabilities Act (ADA) access ramps based on requests and on the Human Services Commission priority list, in connection with the Americans Disabilities Act. Focus will be on the Downtown core area as per the Human Services Commission priority list, followed by all other locations in the City. This Project will update the list of ramps in the Downtown core area and develop a master list of ramps for other areas of the City.

Project Justification: The installation of access ramps increases the safe mobility of Livermore's disabled citizens.

Project Funding: The project funding for each year is based on approximately 10% of the projected annual revenue collected for special gas tax fund 2105 (Fund 650) and special gas tax fund 2106 (Fund 653) at approxiamtely $75,000/year. Cost of each ramp is estimated at approximately $3,750 including the cost of construction, contingency, engineering, material testing, inspection and contract administration.

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ -	$ -	$ -	$ -	$ 10,000	$ 140,000	$ 1,200,000	$ 1,350,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 10,000**	**$ 140,000**	**$ 1,200,000**	**$ 1,350,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Resurfacing 2017 **CIP No:** 201701

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and resurfacing of various residential, collector, arterial roadways, bike paths, public parking lots and other City owned paved facilities. Priorities for resurfacing are established by the Pavement Management System (PMS), traffic volumes, staff field inspections and staff requests. The budget for the project includes review and update of the PMS data base and City wide field review of City streets to update pavement condition indices (PCIs).

Project Justification: This project provides repair and resurfacing of City streets, thereby extending asset life and improving public safety by eliminating road hazards (pot holes, standing water, dips, bumps, undulations, etc.).

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ -	$ 150,000	$ 300,000	$ -	$ -	$ 450,000
650 Gas Tax Prop 111	-	-	-	-	200,000	-	-	200,000
652 Special Gas Tax-2107	-	-	-	-	250,000	-	-	250,000
659 Gas Tax - 2103	-	-	-	-	540,000	-	-	540,000
678 Measure B-2000 Pass-Thru	-	-	-	-	500,000	-	-	500,000
681 Local Vehicle Reg Fee	-	-	-	-	300,000	-	-	300,000
688 Measure BB-Local St & Rd	-	-	-	-	460,000	-	-	460,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 2,550,000**	**$ -**	**$ -**	**$ 2,700,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sidewalk Repair Program 2016-17 **CIP No:** 201702

Location: Sidewalks Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Annual repairs to existing City sidewalks including curb/gutter and street tree work. This project will reconstruct a portion of the Blue Stone sidewalks in Downtown with stamped concrete.

Project Justification: This project will remove potential tripping hazards, making the City sidewalks safer for pedestrians.

Project Funding: See "Infrastucture Rehab" section for projected unmet needs.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ -	$ -	$ -	$ 84,000	$ -	$ -	$ -	$ 84,000
678 Measure B-2000 Pass-Thru	-	-	175,000	125,000	-	-	-	300,000
Total Funding:	**$ -**	**$ -**	**$ 175,000**	**$ 209,000**	**$ -**	**$ -**	**$ -**	**$ 384,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal 2017 **CIP No:** 201704

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Slurry seal treatment of various residential, collector and arterial roadways and overcoat of public parking lots and other facilities.

Project Justification: Slurry seal treatment of various residential, collector and arterial roadways and overcoat of public parking lots and other facilities.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ -	$ 150,000	$ 300,000	$ -	$ -	$ 450,000
650 Gas Tax Prop 111	-	-	-	-	100,000	-	-	100,000
652 Special Gas Tax-2107	-	-	-	-	100,000	-	-	100,000
659 Gas Tax - 2103	-	-	-	-	370,000	-	-	370,000
678 Measure B-2000 Pass-Thru	-	-	-	-	150,000	-	-	150,000
688 Measure BB-Local St & Rd	-	-	-	-	250,000	-	-	250,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 1,270,000**	**$ -**	**$ -**	**$ 1,420,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Resurfacing 2018 **CIP No:** 201801

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and resurfacing of various residential, collector, arterial roadways, bike paths, public parking lots and other City owned paved facilities. Priorities for resurfacing are established by the Pavement Management System (PMS), traffic volumes, staff field inspections and staff requests. The budget for the project includes review and update of the PMS data base and City wide field review of City streets to update pavement condition indices (PCIs).

Project Justification: This project provides repair and resurfacing of City streets, thereby extending asset life and improving public safety by eliminating road hazards (pot holes, standing water, dips, bumps, undulations, etc.).

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ -	$ -	$ 150,000	$ 300,000	$ -	$ 450,000
650 Gas Tax Prop 111	-	-	-	-	-	200,000	-	200,000
652 Special Gas Tax-2107	-	-	-	-	-	250,000	-	250,000
659 Gas Tax - 2103	-	-	-	-	-	540,000	-	540,000
678 Measure B-2000 Pass-Thru	-	-	-	-	-	500,000	-	500,000
681 Local Vehicle Reg Fee	-	-	-	-	-	300,000	-	300,000
688 Measure BB-Local St & Rd	-	-	-	-	-	460,000	-	460,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 2,550,000**	**$ -**	**$ 2,700,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sidewalk Repair Program 2017-18 **CIP No:** 201802

Location: Sidewalks Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Annual repairs to existing City sidewalks including curb/gutter and street tree work. This project will reconstruct a portion of the Blue Stone sidewalks in Downtown with stamped concrete.

Project Justification: This project will remove potential tripping hazards, making the City sidewalks safer for pedestrians.

Project Funding: See "Infrastucture Rehab" section for projected unmet needs.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ -	$ -	$ -	$ -	$ 84,000	$ -	$ -	$ 84,000
678 Measure B-2000 Pass-Thru	-	-	-	175,000	125,000	-	-	300,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 175,000**	**$ 209,000**	**$ -**	**$ -**	**$ 384,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal 2018 **CIP No:** 201804

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Slurry seal treatment of various residential, collector and arterial roadways and overcoat of public parking lots and other facilities.

Project Justification: Slurry Seal treatment is a preventative maintenance treatment measure that extends pavement life thereby reducing long term expenditures for street resurfacing and street reconstruction.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ -	$ -	$ 150,000	$ 300,000	$ -	$ 450,000
650 Gas Tax Prop 111	-	-	-	-	-	100,000	-	100,000
652 Special Gas Tax-2107	-	-	-	-	-	100,000	-	100,000
659 Gas Tax - 2103	-	-	-	-	-	370,000	-	370,000
678 Measure B-2000 Pass-Thru	-	-	-	-	-	150,000	-	150,000
688 Measure BB-Local St & Rd	-	-	-	-	-	250,000	-	250,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 1,270,000**	**$ -**	**$ 1,420,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Railroad At-Grade Crossing Rehabilitation

CIP No: 201821

Location: Various Locations

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Repair pavement and sidewalk at railroad at-grade crossings on Vasco Road, L Street and Junction Avenue to provide a smooth pavement surface in roadways and upgrade sidewalks to comply with ADA requirements.

Project Justification: This project will improve safety and reduce future maintenance costs.

Project Funding: Fund W represents potential grant funding with a 20% local match from Measure B (Fund 678).

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants or Anticipated Revenue	$ -	$ -	$ -	$ -	$ 200,000	$ 200,000	$ -	$ 400,000
678 Measure B-2000 Pass-Thru	-	-	-	50,000	-	50,000	-	100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ 200,000**	**$ 250,000**	**$ -**	**$ 500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Street Resurfacing 2019 **CIP No:** 201901

Location: Citywide

Project Sponsor: Community Development **Status:** Not Started

Project Description: Base repair and resurfacing of various residential, collector, arterial roadways, bike paths, public parking lots and other City owned paved facilities. Priorities for resufacing are established by the Pavement Managment System (PMS), traffic volumes, staff field inspections and staff requests. The budget for the project includes reveiw and update of the PMS database and City-wide field review of City streets to update pavement condition indicies (PCI's)

Project Justification: This project provides repair and resurfacing of City streets, thereby extending asset life and improving public safety by eliminating road hazards (pot holes, standing water, dips, bumps, undulations etc.).

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ -	$ -	$ -	$ 150,000	$ 7,050,000	$ 7,200,000
650 Gas Tax Prop 111	-	-	-	-	-	-	3,200,000	3,200,000
652 Special Gas Tax-2107	-	-	-	-	-	-	4,000,000	4,000,000
659 Gas Tax - 2103	-	-	-	-	-	-	8,640,000	8,640,000
678 Measure B-2000 Pass-Thru	-	-	-	-	-	-	8,000,000	8,000,000
681 Local Vehicle Reg Fee	-	-	-	-	-	-	4,800,000	4,800,000
688 Measure BB-Local St & Rd	-	-	-	-	-	-	9,280,000	9,280,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 44,970,000**	**$ 45,120,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sidewalk Repair Program 2018-19 **CIP No:** 201902

Location: Sidewalks Citywide

Project Sponsor: Community Development **Status:** Not Started

Project Description: Annual repairs to existing City sidewalks including curb/gutter and street tree work. This project will reconstruct a portion of the Blue Stone sidewalks in Downtown with stamped concrete.

Project Justification: This project will remove potential tripping hazards, making the City sidewalks safer for pedestrians.

Project Funding: See "Infrastructure Rehab" section for projected unmet needs.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ -	$ -	$ -	$ -	$ -	$ 84,000	$ 1,344,000	$ 1,428,000
678 Measure B-2000 Pass-Thru	-	-	-	-	175,000	125,000	4,800,000	5,100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 175,000**	**$ 209,000**	**$ 6,144,000**	**$ 6,528,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Slurry Seal 2019 **CIP No:** 201904

Location: Citywide

Project Sponsor: Community Development **Status:** Not Started

Project Description: Slurry seal treatment of various residential, collector and arterial roadways and overcoat parking lots and other facilities.

Project Justification: Slurry seal treatment is a preventative maintenance treatment measure that extends pavement life thereby reducing long term expenditures for street resurfacing and street reconstruction.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
344 S W & R Impact Fee	$ -	$ -	$ -	$ -	$ -	$ 150,000	$ 7,050,000	$ 7,200,000
650 Gas Tax Prop 111	-	-	-	-	-	-	1,600,000	1,600,000
652 Special Gas Tax-2107	-	-	-	-	-	-	1,600,000	1,600,000
659 Gas Tax - 2103	-	-	-	-	-	-	5,920,000	5,920,000
678 Measure B-2000 Pass-Thru	-	-	-	-	-	-	2,400,000	2,400,000
688 Measure BB-Local St & Rd	-	-	-	-	-	-	5,280,000	5,280,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 23,850,000**	**$ 24,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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Traffic Control – Introductory Comments

Traffic control projects in the 2015-17 Capital Improvement Program provide for the safe and efficient movement of vehicles on the City's street network. Traffic signals, battery back-up system improvements, master traffic signal control system, intersection modifications and emergency vehicle preemption equipment are included in this program. The 20-year Capital Improvement Plan also plans for miscellaneous projects such as trail crossings, traffic striping and signing, electronic incident management and pedestrian crossings.

Projects are funded primarily from gas taxes, Measure B Local funding, and the Traffic Impact Fee. Projects are consistent with the City's General Plan and Downtown Specific Plan. Implementation of these projects will provide for a safer street system and will improve mobility within Livermore.

City of Livermore
20-Year Capital Improvement Plan
Traffic Control

PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
199144	Master Traffic Signal Control System	In Progress	1,620,547	130,000	426,000	100,000	100,000	-	-	2,376,547
200106	Annual Misc. Traffic Signing/Striping Maintenance	In Progress	805,590	132,460	100,000	100,000	100,000	-	-	1,238,050
200112	Annual Traffic Signal Modifications	In Progress	1,099,555	150,000	216,000	150,000	150,000	-	2,400,000	4,165,555
201021	Traffic Signal Reconstruction	In Progress	525,079	40,000	430,000	300,000	300,000	-	-	1,595,079
201206	Annual Crosswalk Safety Improvements 2012	Completed	997	69,000	-	-	-	-	-	69,997
201222	Battery Back-Up System Improvements	Preliminary Design	6,038	160,000	134,000	75,000	75,000	-	-	450,038
201223	Video Detection Upgrade	In Progress	55,323	100,000	164,600	70,000	70,000	-	-	459,923
201225	Safe Routes To School	In Progress	39,616	198,370	-	-	-	-	-	237,986
201306	Annual Crosswalk Safety Improvements 2013	In Progress	423	69,580	-	-	-	-	-	70,003
201406	Annual Crosswalk Safety Improvements 2014	Not Started	-	70,000	-	-	-	-	-	70,000
201430	Traffic Signal Controller Cabinet Upgrade	Not Started	-	50,000	200,000	100,000	-	-	-	350,000
201431	Traffic Signal Installation Program	Not Started	-	75,000	575,000	325,000	325,000	-	325,000	1,625,000
201432	Electronic Incident Management System	Not Started	-	-	-	-	200,000	1,200,000	-	1,400,000
201506	Annual Crosswalk Safety Improvements 2015	Not Started	-	-	70,000	70,000	70,000	-	1,120,000	1,330,000
201529	Safe Routes to School - Marilyn Ave Elementary School	Not Started	-	103,000	305,000	-	-	-	-	408,000
201611	Portola Avenue Medians	Not Started	-	-	-	-	-	-	1,250,000	1,250,000
201705	Annual Traffic Calming Program	Not Started	-	-	-	-	80,000	-	1,280,000	1,360,000
Total Funding:			**$ 4,153,168**	**$ 1,347,410**	**$ 2,620,600**	**$ 1,290,000**	**$ 1,470,000**	**$ 1,200,000**	**$ 6,375,000**	**$18,456,178**
O&M Cost Estimate:			**$ 53,000**	**$ 26,500**	**$ 27,000**	**$ 29,000**	**$ 29,000**	**$ 500**	**$ 402,500**	**$ 567,500**

LOCATION MAP LEGEND

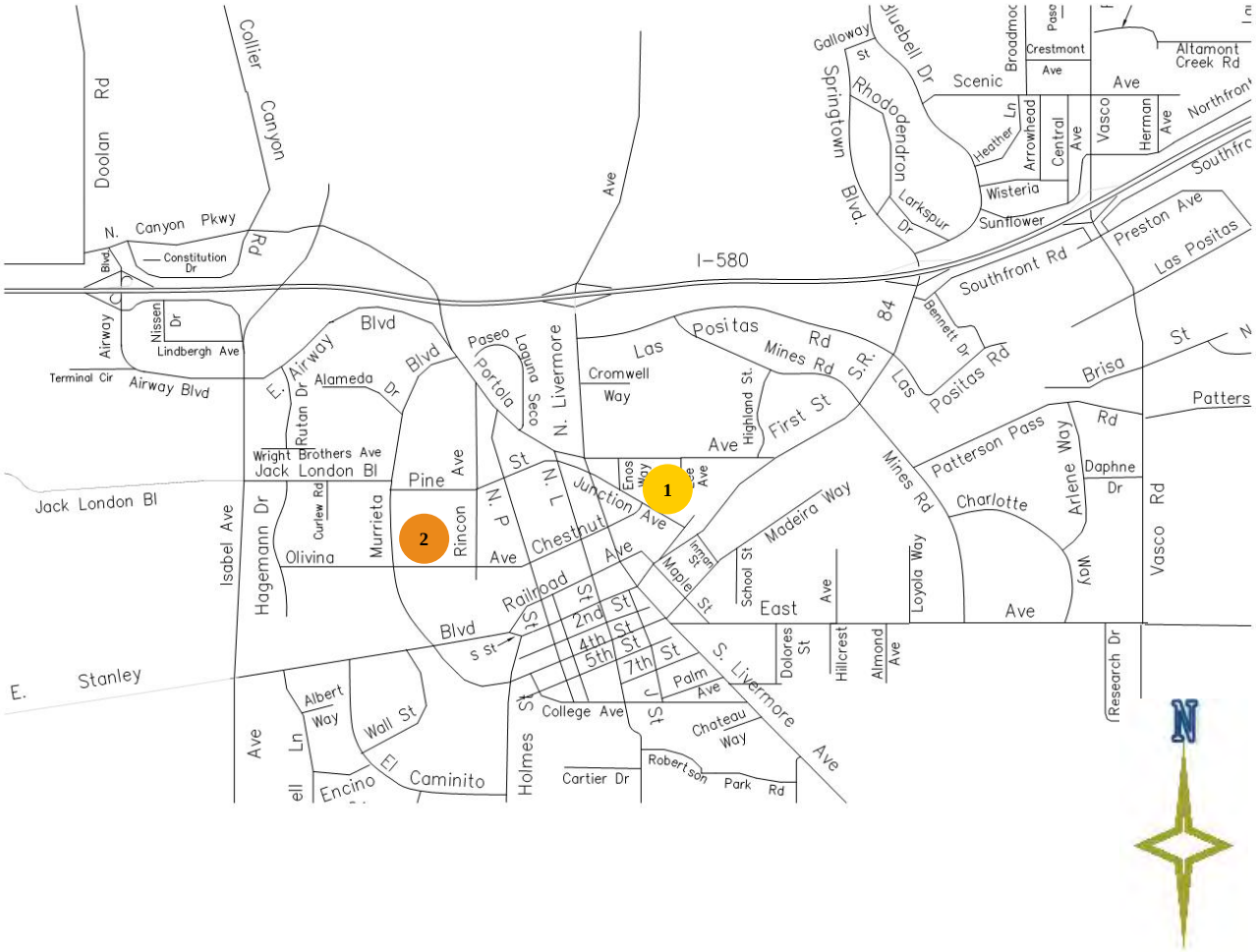
PROJECTS FUNDED 14/15 - 16/17

1 SAFE ROUTES TO SCHOOL - JUNCTION SCHOOL

2 SAFE ROUTES TO SCHOOL - MARILYN AVE ELEMENTARY SCHOOL

CITYWIDE PROJECTS:

- MASTER TRAFFIC SIGNAL CONTROL SYSTEM
- ANNUAL MISC. TRAFFIC SIGNING/STRIPING MAINTENANCE
- ANNUAL TRAFFIC SIGNAL MODIFICATIONS
- TRAFFIC SIGNAL RECONSTRUCTION
- BATTERY BACK-UP SYSTEM IMPROVEMENTS
- VIDEO DETECTION UPGRADE
- ANNUAL CROSSWALK SAFETY IMPROVEMENTS (2012, 2013, 2014, 2015)
- TRAFFIC SIGNAL CONTROLLER CABINET UPGRADE
- TRAFFIC SIGNAL INSTALLATION PROGRAM



CIP Name: Master Traffic Signal Control System

CIP No: 199144

Location: Citywide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: This project will continue to evaluate the integrity of the traffic signal communication infrastructure, maintain and expand Citywide Master Traffic Signal Control System, replace obsolete communication devices, improve and expand fiber optics and communication infrastructure, install additional devices including CCTV, upgrade and integrate video management systems, and upgrade TOC hardware and software. An Intelligent Transportation Systems (ITS) Master Plan was prepared in 2005 that outlines future ITS projects and expenditures. FY 13/14 expenditures will replace the main switch-router which has reached it's useful life. Other supporting hardware such as servers and storage devices will also be upgraded. FY14/15 expenditures will upgrade the master traffic control software and integrate traffic video system. Real time video information can be available to the general public.

Project Justification: As technology evolves upgrades to software and hardware becomes necessary. The original TOC master system was installed in 2001. This project will allow staff to improve and maintain communication with various field devices, view images and data for incident management, respond quickly and effectively to traffic signal malfunctions and emergencies, coordinate important corridors to ensure efficient movement of traffic, and be able to share video and data information with various municipalities.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 1,620,547	$ 130,000	$ 426,000	$ 100,000	$ 100,000	$ -	$ -	$ 2,376,547
Total Funding:	**$ 1,620,547**	**$ 130,000**	**$ 426,000**	**$ 100,000**	**$ 100,000**	**$ -**	**$ -**	**$ 2,376,547**
O&M Cost Estimate:	**$ 46,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ -**	**$ 160,000**	**$ 246,000**

CIP Name: Annual Misc. Traffic Signing/Striping Maintenance

CIP No: 200106

Location: City-wide

Project Sponsor: Community Development

Status: In Progress

Project Description: Annual project to replace/modify and maintain signing, striping, and pavement markings as needed.

Project Justification: As traffic conditions change, existing signing, striping and pavement markings require modifications. This project would allow the City to continually improve traffic safety by maintaining, replacing, and upgrading existing traffic signing/striping/pavement markings as needed.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
652 Special Gas Tax-2107	$ 249,331	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ -	$ -	$ 349,331
653 Special Gas Tax-2106	369,530	75,000	-	75,000	75,000	-	-	594,530
659 Gas Tax - 2103	186,730	32,460	75,000	-	-	-	-	294,190
Total Funding:	**$ 805,590**	**$ 132,460**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ -**	**$ -**	**$ 1,238,050**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Traffic Signal Modifications

CIP No: 200112

Location: Traffic Signals - City-wide

Project Sponsor: Community Development

Status: In Progress

Project Description: Annual project to upgrade signal equipment such as indicators, detection devices, controllers, cabinets, poles, communication devices, Accessible Pedestrian Signal equipment, traffic safety lighting at the intersection and etc. to reduce maintenance expenses and bring signals in compliance with current ADA requirements. This project will also replace light emitting diode that has reached the end of its useful life.

Project Justification: This project will allow for maintenance, replacement or repair of traffic signal components including intersection safety lighting to maintain traffic signal safety and efficiency, and upgrade the signals to conform to new ADA standards. Replacing HPS safety lighting with LED lights will also reduce maintenace cost.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ 119,530	$ -	$ -	$ -	$ -	$ -	$ -	$ 119,530
652 Special Gas Tax-2107	334,150	-	-	-	-	-	2,400,000	2,734,150
653 Special Gas Tax-2106	338,650	150,000	-	150,000	-	-	-	638,650
659 Gas Tax - 2103	307,225	-	-	-	150,000	-	-	457,225
681 Local Vehicle Reg Fee	-	-	216,000	-	-	-	-	216,000
Total Funding:	**$ 1,099,555**	**$ 150,000**	**$ 216,000**	**$ 150,000**	**$ 150,000**	**$ -**	**$ 2,400,000**	**$ 4,165,555**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Traffic Signal Reconstruction

CIP No: 201021

Location: Various

Project Sponsor: CDD - Engineering

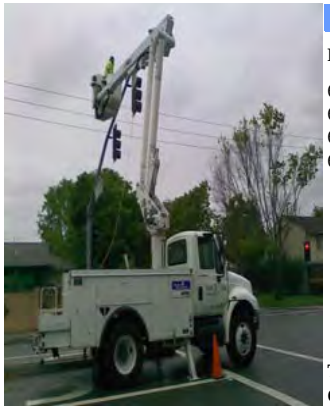
Status: In Progress

Project Description: This project will modify intersections that currently require frequent maintenance and are nearing the end of their useful life. This project will modify the intersections of First Street/Old First Street (FY14/15) and Fourth Street/S. L Street (FY15/16) to improve overall safety operation and progression of traffic along major corridors. Improvements include new conduit runs, cabinet replacement, pole replacement and accessible pedestrian signals.

Project Justification: Median poles at First/Old First get hit requiring frequent maintenance. New poles with longer mast arm will be installed to allow removal of the median poles. New signal equipment is needed at Fourth/L to add left turn phasing for Fourth Street approaches and replace poles that have reached the end of their useful life. The project will improve safety, traffic progression, and reduce maintenance costs.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ -	$ -	$ 300,000	$ -	$ -	$ -	$ -	$ 300,000
659 Gas Tax - 2103	115,064	20,000	20,000	120,000	120,000	-	-	395,064
678 Measure B-2000 Pass-Thru	410,015	-	-	180,000	180,000	-	-	770,015
681 Local Vehicle Reg Fee	-	20,000	110,000	-	-	-	-	130,000
Total Funding:	**$ 525,079**	**$ 40,000**	**$ 430,000**	**$ 300,000**	**$ 300,000**	**$ -**	**$ -**	**$ 1,595,079**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Crosswalk Safety Improvements 2012

CIP No: 201206

Location: Various

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: This project will design and install crosswalk safety improvements at various locations in the City. These devices may include (but not limited to) in-pavement flashers, pedestria activated flashing beacon, or signing and striping. Priorities to be determined after studying various crossings.

Project Justification: This project will improve pedestrian safety by increasing motorists awareness of pedestrians in the crosswalk.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ 997	$ 69,000	$ -	$ -	$ -	$ -	$ -	$ 69,997
Total Funding:	**$ 997**	**$ 69,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 69,997**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Battery Back-Up System Improvements

CIP No: 201222

Location: Various

Project Sponsor: CDD - Engineering

Status: Preliminary Design

Project Description: This project will install, upgrade, and maintain Battery Backup System (BBS) at various traffic signals, and replace old batteries that have reached the end of their useful life.

Project Justification: Battery Backup Systems (BBS) currently operate at 75 locations. This project plans to install additional BBS at 4 to 6 locations each year where continuous traffic signal operations are critical to maintain safety. As occasional power outages occur, the BBS should keep signalized intersection fully operational for 2 to 3 hours before the traffic signal goes to red-flash operation, which could be for another 2 to 3 hours. With the BBS in place, a typical PG&E planned power interruption should not cause major impacts at the signalized intersection, and the need to install temporary STOP signs when power is out would be minimal.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
659 Gas Tax - 2103	$ 6,038	$ 160,000	$ 134,000	$ 75,000	$ 75,000	$ -	$ -	$ 450,038
Total Funding:	**$ 6,038**	**$ 160,000**	**$ 134,000**	**$ 75,000**	**$ 75,000**	**$ -**	**$ -**	**$ 450,038**
O&M Cost Estimate:	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ -**	**$ 16,000**	**$ 21,000**

CIP Name: Video Detection Upgrade

CIP No: 201223

Location: Various

Project Sponsor: Community Development

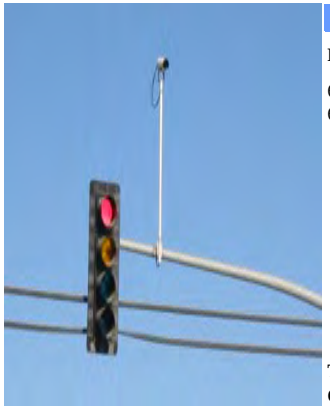
Status: In Progress

Project Description: The project will replace early generation video detection systems that are now obsolete and will no longer be supported by the manufacturer. Some of these cameras are starting to fail, requiring immediate replacement for the traffic signal to work efficiently. The project will also upgrade existing in-ground detector loops to video detection.

Project Justification: The City started using video detection technology over 10 years ago reducing maintenance issues associated with damaged loops because of trenching or road rehab programs. As technology continues to evolve, like any electronic technology, new more powerful systems develop while replacement parts for older systems are no longer made. The replacement system, in addition to more accurate vehicle detection, will also allow live video viewing from the TOC compatible with the City's new Ethernet Technology. CCTV may not be as necessary in areas where the new video detection system will be installed. If the remaining legacy video detection systems are not upgraded, and those systems fail, there will be no parts available to repair them.

Project Funding:

O&M Cost Assumptions:



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ 100,000
659 Gas Tax - 2103	55,323	-	164,600	70,000	70,000	-	-	359,923
Total Funding:	**$ 55,323**	**$ 100,000**	**$ 164,600**	**$ 70,000**	**$ 70,000**	**$ -**	**$ -**	**$ 459,923**
O&M Cost Estimate:	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ -**	**$ 90,000**	**$ 115,000**

CIP Name: Safe Routes To School

CIP No: 201225

Location: Junction School Area

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: The project will enhance walking or bicycling safety of school children by installing roadway improvements along safe routes to schools in the vicinity Junction School. These improvements include signing and pavement markings, curb, gutter, sidewalk, bulb-outs, and pedestrian ramps.

Project Justification: The City received a $163,000 Safe Route to School Grant. The grant requires at least 10% matching funds. Majority of the project cost will be through the grant (F656). The project will enhance safety for school age children who walk or bicycle to school. As an added benefit when the improvements are in place, children would be encouraged to walk or bicycle to school promoting a healthier life style.

Project Funding: Fund 656 refers to Safe Routes to School Grant

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ 16,386	$ 58,600	$ -	$ -	$ -	$ -	$ -	$ 74,986
656 Federal Street Grants	23,230	139,770	-	-	-	-	-	163,000
Total Funding:	**$ 39,616**	**$ 198,370**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 237,986**
O&M Cost Estimate:	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ -**	**$ 16,000**	**$ 21,000**

CIP Name: Annual Crosswalk Safety Improvements 2013

CIP No: 201306

Location: Various

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: This project will design and install crosswalk safety improvements at various locations in the City. These devices may include (but not limited to) in-pavement flashers, pedestria activated flashing beacon, or signing and striping. Priorities to be determined after studying various crossings.

Project Justification: This project will improve pedestrian safety by increasing motorists awareness of pedestrians in the crosswalk.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
653 Special Gas Tax-2106	$ 423	$ 69,580	$ -	$ -	$ -	$ -	$ -	$ 70,003
Total Funding:	**$ 423**	**$ 69,580**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 70,003**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Crosswalk Safety Improvements 2014

CIP No: 201406

Location: City Wide - Residential

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project will design and install crosswalk safety improvements at various locations in the city. These devices may include (but not limited to) in-pavement flashers, pedestrian activated flashing beacon, or signing and striping. Priorities to be determined after studying various crossings.

Project Justification: This project will improve pedestrian safety by increasing motorists awareness of pedestrians in the crosswalk.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ 70,000	$ -	$ -	$ -	$ -	$ -	$ 70,000
Total Funding:	**$ -**	**$ 70,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 70,000**
O&M Cost Estimate:	**$ -**	**$ 1,500**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,500**

CIP Name: Traffic Signal Controller Cabinet Upgrade

CIP No: 201430

Location: Various

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project will replace old traffic signal controller cabinets at various locations that are starting to fail and are becoming difficult to maintain.

Project Justification: Life expectancy of most traffic signal controller cabinets is between 15 and 20 years. Most of these old cabinets designated for upgrade have been in service for more than 20 years. Various component upgrades have been performed at one time or another to extend their lives and to meet certain standards. However, certain integral parts such as wiring, conductors, connectors, and weld joints are not easily replaceable. Because of their age, reliability of the traffic signal system could start diminishing. This project will improve traffic signal reliability reducing possible down time maintaining safety standards, and also improves maintenance accessibility. The new controller cabinets will be installed 18 inches above ground giving them better protection from water compared to the existing cabinet seating a couple of inches above the ground. The new TS2 controller cabinets will be much more technologically advanced making them more versatile and easier to maintain compared with the TS1 types they are replacing.

Project Funding:

O&M Cost Assumptions: No additional maintenance costs are expected. Because this project will replace existing old equipment, maintenance requirements will actually be less for at least the next 5 to 10 years.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
650 Gas Tax Prop 111	$ -	$ 50,000	$ 200,000	$ 100,000	$ -	$ -	$ -	$ 350,000
Total Funding:	**$ -**	**$ 50,000**	**$ 200,000**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 350,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Traffic Signal Installation Program

CIP No: 201431

Location: TBD

Project Sponsor: CDD - Engineering

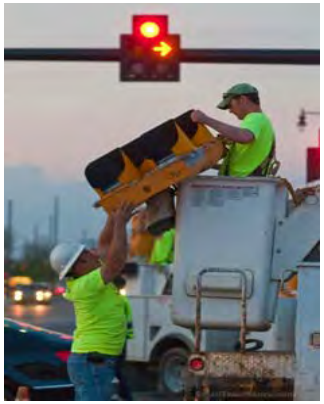
Status: Not Started

Project Description: This project will install traffic signals at the highest priority intersections based on the current Traffic Signal Priority List.

Project Justification: This project will improve safety of motorists, bicyclists, and pedestrians at the intersection.

Project Funding:

O&M Cost Assumptions: Approximate annual cost to maintain and operate the traffic signal is $5,000



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ 75,000	$ 575,000	$ 325,000	$ 325,000	$ -	$ 325,000	$ 1,625,000
Total Funding:	**$ -**	**$ 75,000**	**$ 575,000**	**$ 325,000**	**$ 325,000**	$ -	$ 325,000	**$ 1,625,000**
O&M Cost Estimate:	**$ -**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ -**	**$ 5,000**	**$ 25,000**

CIP Name: Electronic Incident Management System

CIP No: 201432

Location: Various

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project will design and implement Intelligent Transportation Systems (ITS) devices advising motorists of traffic conditions. FY 17/18 funding is to obtain a technical assistance grant to develop the program by identifying sites and proper equipment. The devices and equipment may include (but not limited to) Changeable Message Signs (CMS), radar speed display signs, and electronic regulatory signs.

Project Justification: This project will improve safety and operations on City streets by providing motorists real-time electronic roadway information so they can adjust their driving patterns accordingly. Depending on the device, the information provided may vary from driving speeds, advisory message for incidents ahead, directional detour in case of freeway incidents, regulatory messages and special events.

Project Funding: Funding for the project would be a combination of City funds and grant funds. The City will apply for grants if they become available. Fund W represents anticipated grant funds from a future Measure B Extension with 20% local matching funds.

O&M Cost Assumptions: Operation and Maintenance costs should be something similar to a traffic signal but slightly less.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ 160,000	$ 960,000	$ -	$ 1,120,000
653 Special Gas Tax-2106	-	-	-	-	40,000	240,000	-	280,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 200,000**	$ 1,200,000	$ -	**$ 1,400,000**
O&M Cost Estimate:	**$ -**	**$ 3,000**	**$ 3,000**	**$ 5,000**	**$ 5,000**	**$ -**	**$ 5,000**	**$ 21,000**

CIP Name: Annual Crosswalk Safety Improvements 2015

CIP No: 201506

Location: Various

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project will design and install crosswalk safety improvements at various locations in the city. These devices may include (but not limited to) in-pavement flashers, pedestrian activated flashing beacon, or signing and striping. Priorities to be determined after studying various crossings.

Project Justification: This project will improve pedestrian safety by increasing motorists awareness of pedestrians in the crosswalk.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ -	$ 70,000	$ 70,000	$ 70,000	$ -	$ 1,120,000	$ 1,330,000
Total Funding:	**$ -**	**$ -**	**$ 70,000**	**$ 70,000**	**$ 70,000**	**$ -**	**$ 1,120,000**	**$ 1,330,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 1,500**	**$ 1,500**	**$ 1,500**	**$ -**	**$ -**	**$ 4,500**

CIP Name: Safe Routes to School - Marilyn Ave Elementary School

CIP No: 201529

Location: Marilyn Avenue Elementary School Area

Project Sponsor: Community Development

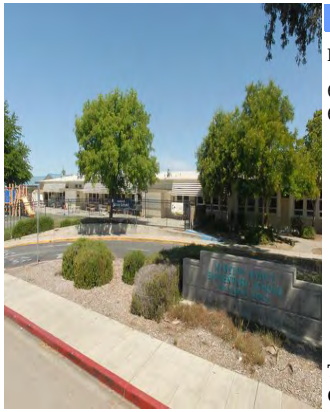
Status: Not Started

Project Description: Infrastructure improvements along common routes to Marilyn Avenue Elementary School to increase the safety of students who walk or bike to school. Improvements will includ completing sidewalks, sidewalk repair, pedestrian bulb-outs, accessible curb ramps, pedestrian signage, new and repainted crosswalks, pedestrialn activated rapid flashing beacons, and speed feedback signs. All proposed improvements are located within one-quarter mile of the school on the following streets: Marilyn Avenue, Olivina Avenue, Falcon Way, Albatross Avenue, Bernal Avenue, Rincon Avenue, Pine Street, Meadowlark Street, Sequoia Drive, Laurel Drive and the pedestrian walkways at Crane Avenue and Bluebird Avenue.

Project Justification: A significant poriton of the student population at Marilyn Avenue Elementary School regularly walk or ride their bikes to school. A walk-audit was conducted to evaluate the condition of the student routes to school and many safety hazards were identified. After further evaluation with stakeholders, safety improvements were identified to improve student access, mobility and facility quality. Based on competitive grant criteria, it was determined that Marilyn Avenue was the most competitive Safe Routes to School Program within Livermore and a grant application was submitted and successfully awarded funds.

Project Funding: The City received a $358,000 Safe Routes to School Grant (Fund 680) from the 2014 Regional Active Transportation Program. Grant funds will be used for infrastructure design and construction. City funds will be used for project administration and inspection. Construction is anticipated for summer 2015.

O&M Cost Assumptions: The estimated annual cost for operations and maintenance of the new infrastructure is approximately $500 per year. The annualized capital replacement construction cost is $6,000.



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ 20,000	$ 30,000	$ -	$ -	$ -	$ -	$ 50,000
680 State Street Grants	-	83,000	275,000	-	-	-	-	358,000
Total Funding:	**$ -**	**$ 103,000**	**$ 305,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 408,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 8,500**	**$ 10,500**

CIP Name: Portola Avenue Medians

CIP No: 201611

Location: Portola Avenue from N. Livermore Avenue to Edinburgh Drive

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Project installs medians on Portola Avenue from North Livermore Avenue to Edinburgh Drive as identified in the TIF program.

Project Justification: Medians along this major roadway segment will improve public safety and meet city standards for major roadways.

Project Funding: Funding for this project will come from Fund 306.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,250,000	$ 1,250,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,250,000**	**$ 1,250,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 102,000**	**$ 102,000**

Traffic Control

CIP Name: Annual Traffic Calming Program

CIP No: 201705

Location: Citywide - Residential Streets

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: The project will install traffic calming devices on residential streets. Approximately $80,000/year is budgeted to administer and construct this project.

Project Justification: The project will calm traffic by reducing speeds and cut-through traffic.

Project Funding: The General Fund will provide funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ -	$ -	$ -	$ 80,000	$ -	$ 1,280,000	$ 1,360,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**	**$ -**	**$ 1,280,000**	**$ 1,360,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Trail, Bike, and Miscellaneous Street Projects – Introductory Comments

Projects in the Trail, Bike, and Miscellaneous Street Projects program will improve pedestrian and bicycle mobility and safety within Livermore. These projects provide trail and bike route connections leading to commercial activity, transit routes, schools, parks, and residential areas. They also provide recreational opportunities for Livermore citizens. Additionally, projects in this programmatic area fund major maintenance of bikeway and trailway facilities, extension of existing trails, and preparation of grant applications. In the 2015-17 Capital Improvement Program funding is provided for Trail Segment connecting Portola Avenue to Campus Hill Drive under Highway I-580, a bike and pedestrian master plan update, and annual bike trail maintenance.

Projects in this category have been historically funded by Park in Lieu Fees, Measure B funds, and State and Federal grants. New Measure B2 funding is now dedicated for bikeway improvements in the amount of approximately $190,000 per year.

Projects included in the 2015-17 Capital Improvement Program are consistent with the City's Bikeways and Trails Master Plan, General Plan, Downtown Specific Plan, and El Charro Specific Plan.

City of Livermore
20-Year Capital Improvement Plan
Trail, Bike, & Miscellaneous Street

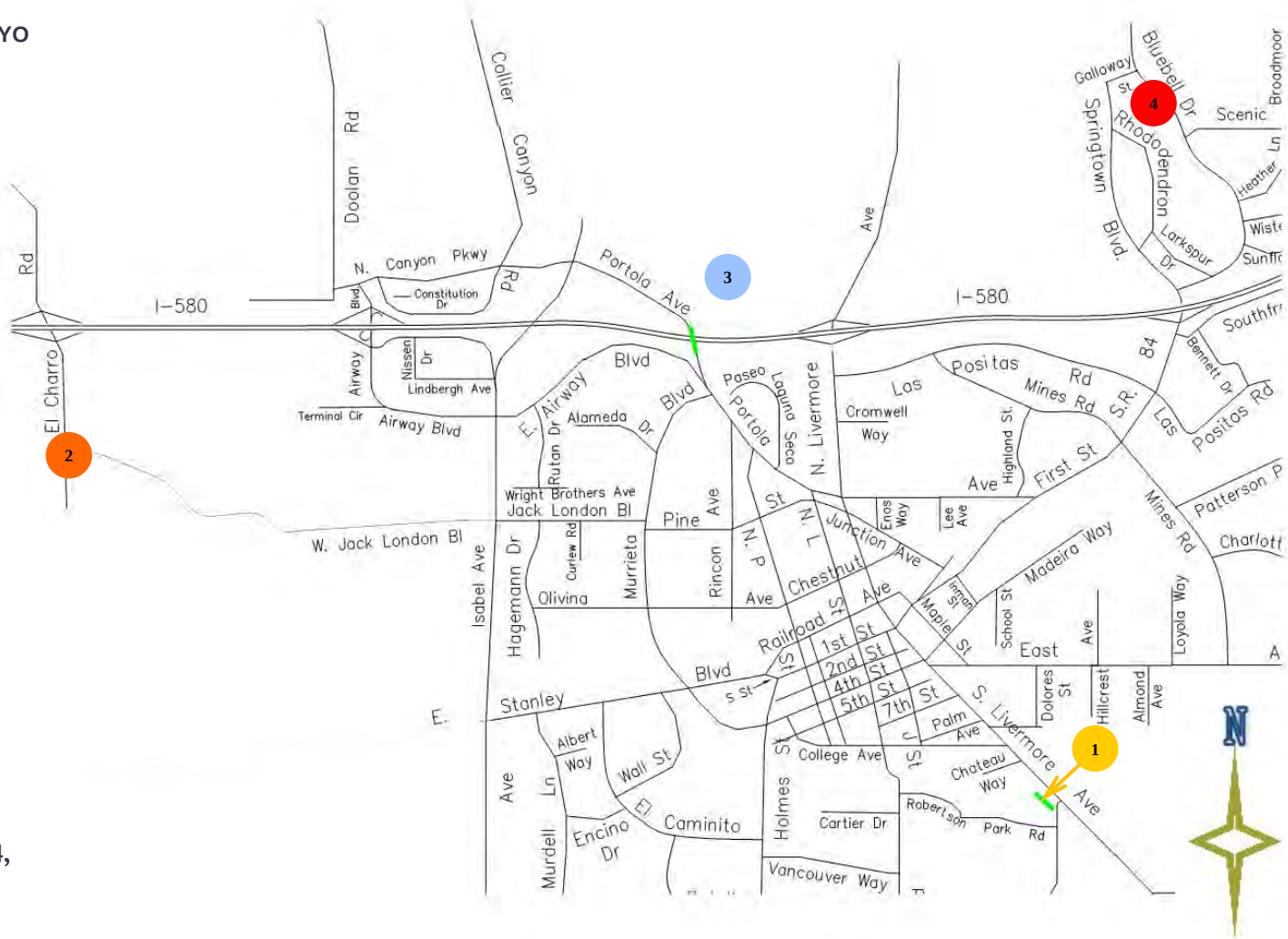
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200097	Vallecitos Road Bridge Widening	Not Started	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,450,000	$ 2,450,000
200216	Arroyo Mocho Trail E-1 Extension	Completed	440,952	5,000	-	-	-	-	-	445,952
200245	Arroyo Las Positas Trail- Walmart	Not Started	165,520	-	-	-	-	-	1,314,900	1,480,420
200460	Trail Improvements - Segment N	Not Started	97,360	-	-	-	-	-	750,000	847,360
200647	Livermore to Pleasanton Arroyo Trail Segmt T14.	Completed	814,953	20,700	-	-	-	-	-	835,653
200651	Trails and Bikeways Master Plan Implementation	In Progress	50,333	30,000	30,000	30,000	30,000	-	-	170,333
200655	Trail Segmt L19 under the Portola Overcrossing	In Progress	6,000	-	1,000,000	1,000,000	200,000	-	-	2,206,000
200714	The Del Valle Trail Extension	Not Started	46,840	-	-	-	-	-	400,000	446,840
201024	Bike and Pedestrian Master Plan Update	Not Started	2,693	-	250,000	250,000	-	-	-	502,693
201029	Galaxy Ct Flood Protection and Trail Culvert Repl	In Progress	324,497	604,259	22,500	15,000	15,000	15,000	30,000	1,026,256
201037	Iron Horse Trail (Outside of Downtown)	Not Started	-	-	-	-	-	-	14,904,650	14,904,650
201040	Iron Horse Trail (Downtown- Livermore Ave)	Completed	1,418,712	2,232	-	-	-	-	-	1,420,944
201326	Citywide Bike Trail Bridge Maintenance	Not Started	2,500	5,000	2,500	2,500	2,500	25,000	500,000	540,000
201420	Multi-Use Trails Repairs - 2014	Preliminary Design	-	20,000	-	-	-	-	-	20,000
201620	Multi-Use Trails Repairs - 2016	Not Started	-	-	-	150,000	-	-	-	150,000
201720	Multi-Use Trails Repairs - 2017	Not Started	-	-	-	-	150,000	-	-	150,000
201820	Multi-Use Trails Repairs - 2018	Not Started	-	-	-	-	-	150,000	2,400,000	2,550,000
201824	Iron Horse Trail (Downtown)	Not Started	-	-	-	-	-	-	4,066,260	4,066,260
Total Funding:			**$ 3,370,360**	**$ 687,191**	**$ 1,305,000**	**$ 1,447,500**	**$ 397,500**	**$ 190,000**	**$ 26,815,810**	**$ 34,213,361**
O&M Cost Estimate:			**$ 14,900**	**$ 4,500**	**$ 6,500**	**$ 6,500**	**$ 6,500**	**$ -**	**$ 1,276,600**	**$ 1,315,500**

PROJECTS FUNDED 14/15 - 16/17

LOCATION MAP LEGEND

1. ARROYO MOCHO TRAIL E-1 EXTENSION
2. LIVERMORE TO PLEASANTON ARROYO TRAIL SEGMT T14
3. TRAIL SEGMENT L19 UNDER THE PORTOLA OVERCROSSING
4. GALAXY CT. FLOOD PROTECTION AND TRAIL CULVERT REPL.



CITYWIDE PROJECTS:

- TRAILS AND BIKEWAYS MASTER PLAN IMPLEMENTATION
- BIKE AND PEDESTRIAN MASTER PLAN UPDATE
- CITYWIDE BIKE TRAIL BRIDGE MAINTENANCE
- MULTI-USE TRAILS REPAIRS (2014, 2016)

CIP Name: Vallecitos Road Bridge Widening

CIP No: 200097

Location: Vallecitos Rd. and Holmes St.Bridge/over the Arroyo Del Valle

Project Sponsor: Community Development

Status: Not Started

Project Description: Widen existing bridge to provide 2 full lanes with 2 bike lanes - (50' width).

Project Justification: This project implements the City's Bikeways Master Plan.

Project Funding: Fund W refers to State Bicycle Lane Account Grant.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,450,000	$ 2,450,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,450,000**	**$ 2,450,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Arroyo Mocho Trail E-1 Extension **CIP No:** 200216

Location: Arroyo Mocho Trail - Underneath Concannon Blvd bridge along the east side of the Arroyo Mocho to Robertson Park.

Project Sponsor: Community Development **Status:** Completed

Project Description: This project extends the existing Arroyo Mocho Trail that lies within Robertson Park, from its existing terminus on the north side of the Arroyo Mocho, to the South Livermore Valley Wine Trail at Concannon Blvd. Refer to LARPD's Project No. 06-01. Funding for FY 13/14 and FY 14/15 is for the remaining monitoring and maintenance of the riparian mitigation planting performed for this project, which ceases in FY 14/15 per agreement with Fish & Game.

Project Justification: This project is identified in the City's Trails and Bicycle Path Master Plan. Current funding is for the 5 year monitoring and maintenance of the riparian mitigation planted under this project. 5 year monitoring and maintenance period to end in 2014.

Project Funding: Fund 323 refers to contributions from LARPD ($80,000). Fund 661 refers to Transportation for Clear Air Funds (TFCA) administered by CMA. LARPD provided $80,000 contribution for Fund 337 reimbursement.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
323 LARPD	$ 80,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 80,000
654 SB300	2,720	-	-	-	-	-	-	2,720
661 Traffic Fnds - Clean Air	87,000	-	-	-	-	-	-	87,000
677 Measure B-Bike/Pedestrian	271,232	5,000	-	-	-	-	-	276,232
Total Funding:	**$ 440,952**	**$ 5,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 445,952**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Arroyo Las Positas Trail- Walmart

CIP No: 200245

Location: Arroyo Las Positas - West end of Kohl's Property to North Livermore Ave.

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Extend multi-use Trail Segment T-6 approximately 2,200 feet along the southern bank of the Arroyo Las Positas from the west end of Kohl's property to North Livermore Avenue. Additional right of way may need to be obtained from Wal Mart for a 200-foot-long section of the trail at the northeast corner of the Wal Mart parcel.

Project Justification: This project will help complete a 5,700-foot long section of multi-use trail on the southern bank of the Arroyo Las Positas between the Las Colinas Overpass and North Livermore Avenue (High Priority Trail T6 in the Bikeways and Trails Master Plan). The Las Positas Trail Extension will expand the riverway trail network in Livermore and thereby provide incentive for recreational activities such as walking, jogging, biking, roller blading, and horse back riding.

Project Funding: Prior years expenditures were for preliminary engineering, environmental review, and grant submittals for various trails in the City's Bikeways and Trails Master Plan. Out Years expenditures are for obtaining environmental permits, construction and right-of-way if necessary after repairs are made to the underlying creek slope failure along the Wal-Mart property. Fund 616 refers to available Wal Mart Bond & Trust funds collected by City when Wal Mart developed in the early 1990s.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
616 Spec Proj Commitment Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ 309,000	$ 309,000
677 Measure B-Bike/Pedestrian	165,520	-	-	-	-	-	1,005,900	1,171,420
Total Funding:	**$ 165,520**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,314,900**	**$ 1,480,420**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Trail Improvements - Segment N **CIP No:** 200460

Location: Isabel Avenue to Sycamore Grove Park

Project Sponsor: LARPD **Status:** Not Started

Project Description: This project involves constructing a multi-use trail that will connect Sycamore Grove Park and the Isabel Trail using a portion of the East Bay Regional Park Districts (EBRPD) trail which is along the north side of Vineyard Avenue. This project had several alignment alternatives under consideration. The trail segment between Isabel Avenue and Vallecitos Road is being constructed with both the Vineyard Realignment and Signalization Project 199660 and EBRPD in FY13/14. Out Years expenditures are for construction of the portion between Vallecitos Road and Sycamore Grove Park which will be funded by EBRPD. The segment between Vallecitos Road and Sycamore Grove Park may be constructed along the future alignment of Foley Road as part of the Foley Road Realignment Project (CIP 2010-28). Refer to LARPD Project No. 310.

Project Justification: This trail segment provides an important link in the South Livermore Valley Trail System as shown in the City's Bikeways and Trails Master Plan, and will connect Sycamore Grove Park with a separate 8.5 acre LARPD parcel and the Isabel Trail. This project also expands the amount of protected open space accessible to the public in the South Livermore Valley.

Project Funding: Prior year expenditures were for preliminary design, environmental, right of way appraisals, and alignment analysis. Fund D refers to contributions from EBRPD. This project is eligible for Fund 337 reimbursement.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000	$ 750,000
323 LARPD	97,360	-	-	-	-	-	-	97,360
Total Funding:	**$ 97,360**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 750,000**	**$ 847,360**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Livermore to Pleasanton Arroyo Trail Segmt T14.

CIP No: 200647

Location: West Jack London Blvd to El Charro Rd.

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: Construct 1.5 mile long paved trail between West Jack London Blvd and El Charro Road, as part of Trail Segment T14. Project includes pedestrian bridge across the Arroyo Las Positas over the existing fish ladder.

Project Justification: This trail (High Priority Trail T14 in the Bikeways and Trail Master Plan) will link the extensive trail system in the City of Livermore to the trail systems in the City of Pleasanton and greatly expand access to regional trails and recreational opportunities.

Project Funding: Prior years expenditures in Fund 677 are for design, inspection, materials testing, and project administration costs. This is the local match for the Proposition 50 grant program. Fund 693 refers to California River Parkways Proposition 50 Grant funding for construction. Fund 677 expenditures in FY 14/15 are for finalizing Grant 50 requirements.

O&M Cost Assumptions: Maintenance and Operation costs assumptions: Annual cost of weed abatement, graffiti removal, and sign repair: $80,000 ft² x $0.02/ft² = $1,600/yr. plus $1,000 per year for bridge.2010-2016: 8,000 ft² x 10' = 80,000 ft² x $0.50/ft² per 20 years = $40,000.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ 99,906	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ 119,906
693 State Prop 50 Water Grant	715,046	700	-	-	-	-	-	715,746
Total Funding:	**$ 814,953**	**$ 20,700**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 835,653**
O&M Cost Estimate:	**$ 13,000**	**$ 2,600**	**$ 2,600**	**$ 2,600**	**$ 2,600**	**$ -**	**$ 81,600**	**$ 105,000**

CIP Name: Trails and Bikeways Master Plan Implementation

CIP No: 200651

Location: Various Bike Trails - Citywide

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: This project includes funds for preliminary engineering and environmental clearance for high priority trail projects as identified in the City's Bikeways and Trails Master Plan, and as matching funds for future grant acquisition. This will allow for grant applications to be submitted in subsequent years for the construction of trail projects.

Project Justification: This project helps implement the City's Bikeways and Trails Master Plan.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ 41,075	$ 15,000	$ 15,000	$ 30,000	$ 30,000	$ -	$ -	$ 131,075
681 Local Vehicle Reg Fee	9,259	15,000	15,000	-	-	-	-	39,259
Total Funding:	**$ 50,333**	**$ 30,000**	**$ 30,000**	**$ 30,000**	**$ 30,000**	**$ -**	**$ -**	**$ 170,333**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Trail Segmt L19 under the Portola Overcrossing

CIP No: 200655

Location: Arroyo Las Positas Trail at Portola Avenue

Project Sponsor: CDD - Engineering

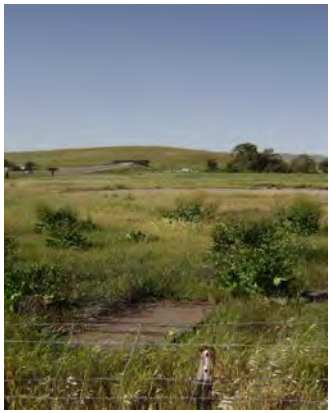
Status: In Progress

Project Description: Construct new multi-use trail from existing terminus at Paseo Laguna Seco under I-580 across the Arroyo Las Positas to the Shea Property. The Phase 1 project includes a southerly segment to connect to Portola Ave plus improved connections to Las Positas College. Shea Properties will design and construct all trail improvements for Phase 1 per Development Agreement. Phase 2 expenditures shown in FY 17/18 are for design and right of way acquistion to connect trail to Portola Avenue through the Kent Property. City funds shown are for environmental clearance, mitigation, City administration, phase 2 design and right of way acquistion costs.

Project Justification: This project will construct an approximately 4,300' missing trail segment between the existing Arroyo Las Positas Trail and the Shea property. Shea Properties to build 3,300' per Development Agreement. City to construct 1,000' through private parcel to connect to Paseo Laguna Seco.

Project Funding: Fund D refers to design and construction cost contributions from Shea Properties per Development Agreement. Fund 674 refers to TDA Funds.

O&M Cost Assumptions: Maintenance and Operation costs assume total new AC pavement area of 40,080 ft² (2340'+ 1000') x 12' @ $1.50/ft² for rehab; $0.05/ft² for crack seal, striping, and others.



PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000
337 Park Fee - AB 1600	-	-	750,000	-	-	-	-	750,000
677 Measure B-Bike/Pedestrian	6,000	-	-	-	100,000	-	-	106,000
678 Measure B-2000 Pass-Thru	-	-	250,000	-	100,000	-	-	350,000
Total Funding:	**$ 6,000**	**$ -**	**$ 1,000,000**	**$ 1,000,000**	**$ 200,000**	**$ -**	**$ -**	**$ 2,206,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 62,000**	**$ 62,000**

CIP Name: The Del Valle Trail Extension **CIP No:** 200714

Location: Lakeside Circle to Sycamore Grove Park

Project Sponsor: LARPD **Status:** Not Started

Project Description: This project, formerly identified as Trail T-10 in the City's Bikeways & Trails Master Plan, will connect the west end of the South Valley Wine Country Trail at Sycamore Grove Park with the east end of the existing trail north of Arroyo Del Valle at Lakeside Circle. From east to west the route of the 3,000 foot long trail will be along the perimeter of Lake A once CEMEX completes quarry operations and is done with the property. Refer to LARPD CIP No. 602.

Project Justification: This trail segment will provide an important link in the South Livermore Valley Trail System as shown in the City's Bikeways and Trails Master Plan. The trail segment will connect the South Livermore Valley Wine Trail, Isabel Trail, and Arroyo Mocho Trail, and, thereby, provide a completed trail loop in the southern portion of the City. An alternative trail alignment along Vineyard Avenue and Foley Road has reduced the need and priority of this project.

Project Funding: Prior years expenditures were for alignment analysis and environmental Out year expenditures are for construction and construction administration. Budget assumes sound berm removed by Cemex or others at the end of quarry operations to facilitate ultimate trail alignment. This project is eligible for Fund 337 reimbursement.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
323 LARPD	$ 46,840	$ -	$ -	$ -	$ -	$ -	$ -	$ 46,840
337 Park Fee - AB 1600	-	-	-	-	-	-	400,000	400,000
Total Funding:	**$ 46,840**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 446,840**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Bike and Pedestrian Master Plan Update

CIP No: 201024

Location: Various - Citywide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project will update and develop the City's Bikeways, Trails and Pedestrian Master Plan which is required every 5 years in order for the City to be able to apply for Bike/Pedestrian related grants.

Project Justification: This project is necessary in order for the City to be eligible for Bicycle and Pedestrian related grants.

Project Funding: The project is funded with TDA grant funds (Fund 674).

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
674 MTC - Federal TDA	$ -	$ -	$ 200,000	$ 200,000	$ -	$ -	$ -	$ 400,000
677 Measure B-Bike/Pedestrian	890	-	50,000	50,000	-	-	-	100,890
678 Measure B-2000 Pass-Thru	1,803	-	-	-	-	-	-	1,803
Total Funding:	**$ 2,693**	**$ -**	**$ 250,000**	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ 502,693**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Galaxy Ct Flood Protection and Trail Culvert Repl

CIP No: 201029

Location: Upstream of Altamont Creek Confluence with Arroyo Las Positas

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Remove existing culverts near Springtown Golf Course Maintenance Building, upstream of confluence of Altamont Creek with Arroyo Las Positas. Replace with a box culvert or bridge and install required rip-rap energy dissipators and headwalls in creek. This project is identified in the 2009 Storm Drain Master Plan Addendum. $15,000 per year is budgeted FY 15/16 through FY 19/20 for third party annual maintenance, monitoring, and reporting associated with establishment of the wetland mitigation area.

Project Justification: The current trail crossing at this location is overtopped with creek flows during storm events. The crossing is eroding on the upstream and downstream ends of the culverts and has become a safety hazard for pedestrians and cyclists using the trail over the existing culverts. The culverts are undersized and cause the creek to back up and flood local residential streets. Without these improvements the crossing will eventually wash out sending large amounts of silt and debris downstream into sensitive wetland habitat areas. These improvements will provide a safe trail crossing, eliminate flooding, and greatly reduce the potential for severe creek erosion.

Project Funding: Measure B Bike and Pedestrian Funds (Fund 677) cover the cost of reconstructing the trail outside the flood plain. General Funds (Fund 001) cover the cost of upsizing the culverts.

O&M Cost Assumptions: M&O costs assume 1% of the infrastructure cost/year.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ 56,228	$ 17,000	$ -	$ -	$ -	$ -	$ -	$ 73,228
677 Measure B-Bike/Pedestrian	145,945	372,259	15,000	15,000	15,000	15,000	30,000	608,204
678 Measure B-2000 Pass-Thru	122,323	215,000	7,500	-	-	-	-	344,823
Total Funding:	**$ 324,497**	**$ 604,259**	**$ 22,500**	**$ 15,000**	**$ 15,000**	**$ 15,000**	**$ 30,000**	**$ 1,026,256**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ -**	**$ 32,000**	**$ 38,000**

CIP Name: Iron Horse Trail (Outside of Downtown) **CIP No:** 201037

Location: Various Locations (Isabel-Greenville)

Project Sponsor: Community Development **Status:** Not Started

Project Description: This project is for the design and construction of the Iron Horse Trail in the City. Iron Horse Trail is a major inter-regional trail that starts in Contra Costa County and extends into Alameda County. The trail will make a connection at it's current terminus at Stanley Blvd and Isabel Avenue and will extend 6 miles east to Greenville Road. This project does not include a portion of the Iron Horse Tail through the Downtown Specific Plan Area; that portion is covered in CIP 2018-24. Out years expenditures include design, land acquisition and construction.

Project Justification: Staff completed a Feasibility Study to determine the exact alignment of the Iron Horse Trail in the City. Additionally, an Initial Study was completed resulting in a Mitigated Negative Declaration. The Iron Horse Trail is broken into 4 segments, which identifies potential alignments for the trails and addresses any implementation issues. Segment 2 and a portion of Segment 3 goes through the Downtown Specific Plan Area.

Project Funding: Out years expenditures include design, land acquisition and construction. Fund W refers to future bike trail grants. Fund 616 shows contribution by developer for portion on Contractor Common adjacent to Parcel Map 8203.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: Annual Cost of weed abatement, graffiti removal and sign repair : 436,800 ft² x $0.02/ft² = $8736/yr. Decomposed granite Maintenance: 124,800 ft² x $0.025 = $3120. AC maintenance = 312000 x $0.05 = $15,600. Bridge Maintenance 6 x $1000 = $6,000. Total Cost = $535,296 for the out years.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 14,384,650	$ 14,384,650
616 Spec Proj Commitment Fund	-	-	-	-	-	-	20,000	20,000
678 Measure B-2000 Pass-Thru	-	-	-	-	-	-	500,000	500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 14,904,650**	**$ 14,904,650**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 535,300**	**$ 535,300**

CIP Name: Iron Horse Trail (Downtown- Livermore Ave) **CIP No:** 201040

Location: Downtown Transit Center to K St

Project Sponsor: CDD - Engineering **Status:** Completed

Project Description: This project is for the design and construction of the Iron Horse Trail between the Downtown Transit Center and K Street. The Iron Horse Trail is a major inter-regional trail that starts in Contra Costa County and extends into Alameda County. The trail will make a connection at it's current terminus at Stanley Boulevard and Isabel Avenue and will extend 6 miles east to Greenville Road.

Project Justification: Staff completed a Feasibility Study to determine the exact alignment of the Iron Horse Trail in the City. Additionally, an initial Study was completed resulting in a Mitigated Negative Declaration. The Iron Horse Trail is broken into 4 segments, which identifies potential alignments for the trails and addresses any implementation issues. Segment 2 and a portion of Segment 3 goes through the Downtown Specific Plan Area. This project is included in Segment 2.

Project Funding: Fund 656 is a Transportation for Livable Communities Grant. Fund 674 is Livermore's FY 2011/12 unspent TDA Article 3 funding.

O&M Cost Assumptions: Maintenance and Operation cost assumptions: Annual Cost of weed abatement, graffiti removal and sign repair: 12,300 ft² x $0.02/ft² = $250/yr AC maintenance = 12,300 x $0.05 = $615. Bridge Maintenance 1 x $1000 = $1,000. Total Cost = $1,865 for the out years.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
656 Federal Street Grants	$ 1,012,635	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,012,635
674 Mtc - Federal Tda	105,195	-	-	-	-	-	-	105,195
677 Measure B-Bike/Pedestrian	300,883	2,232	-	-	-	-	-	303,115
Total Funding:	**$ 1,418,712**	**$ 2,232**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,420,944**
O&M Cost Estimate:	**$ 1,900**	**$ 1,900**	**$ 1,900**	**$ 1,900**	**$ 1,900**	**$ -**	**$ 30,400**	**$ 39,900**

CIP Name: Citywide Bike Trail Bridge Maintenance **CIP No:** 201326

Location: City Wide

Project Sponsor: Public Works **Status:** Not Started

Project Description: This project provides funding for the maintenance division to perform maintenance of City-owned and maintained pedestrian and bike trail bridges. Out Years expenditures are for replacement of all bridges. Bridges include: Arroyo Mocho west of Arroyo Road , Arroyo Seco west of Vasco Road, Arroyo Seco east of Vasco Road, Arroyo Seco east of Charlotte Way, Arroyo Seco west of Charlotte/Kathy Way.

Project Justification: This project provides capital funding for bike/pedestrian bridge maintenance that has historically been funded by the maintenance division's operating budget.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
678 Measure B-2000 Pass-Thru	$ 2,500	$ 5,000	$ 2,500	$ 2,500	$ 2,500	$ 25,000	$ 500,000	$ 540,000
Total Funding:	**$ 2,500**	**$ 5,000**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 25,000**	**$ 500,000**	**$ 540,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Multi-Use Trails Repairs - 2014 **CIP No:** 201420

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Preliminary Design

Project Description: Base repair and surfacing/reconstruction of damaged trail sections and make minor alterations to a portion of the various multi-use trails to improve safety.

Project Justification: This project improves safety for pedestrians and bikers by repairing damaged trail sections and making minor alterations to trails.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ 20,000
Total Funding:	**$ -**	**$ 20,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 20,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Multi-Use Trails Repairs - 2016 **CIP No:** 201620

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and surfacing/reconstruction of damaged trail sections and make minor alterations to a portion of the various multi-use trails to improve safety.

Project Justification: This project improves safety for pedestrians and bikers by repairing damaged trail sections and making minor alterations to trails.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
687 Measure BB-Bike/Pedestrian	-	-	-	50,000	-	-	-	50,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Multi-Use Trails Repairs - 2017 **CIP No:** 201720

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and surfacing/reconstruction of damaged trail sections and make minor alterations to a portion of the various multi-use trails to improve safety.

Project Justification: This project improves safety for pedestrians and bikers by repairing damaged trail sections and making minor alterations to trails.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
687 Measure BB-Bike/Pedestrian	-	-	-	-	50,000	-	-	50,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ 150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Multi-Use Trails Repairs - 2018 **CIP No:** 201820

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Base repair and surfacing/reconstruction of damaged trail sections and make minor alterations to a portion of the various multi-use trails to improve safety.

Project Justification: This project improves safety for pedestrians and bikers by repairing damaged trail sections and making minor alterations to trails.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
677 Measure B-Bike/Pedestrian	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 1,600,000	$ 1,700,000
687 Measure BB-Bike/Pedestrian	-	-	-	-	-	50,000	800,000	850,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 2,400,000**	**$ 2,550,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Iron Horse Trail (Downtown) **CIP No:** 201824

Location: Downtown Specific Plan

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: This project is for the design and construction of the Iron Horse Trail through the Downtown Specific Plan Area. This portion of the trail is from Murrieta Blvd to the First Street Overpass. The portion from North K Street to the parking structure is covered by Project 2010-40. Out years expenditures include design, land acquisition and construction.

Project Justification: Staff completed a Feasibility Study to determine the exact alignment of the Iron Horse Trail in the City, which includes the portion of the trail through the Downtown Specific Plan Area. Additionally, an Initial Study was completed resulting in a Mitigated Negative Declaration.

Project Funding: Out years expenditures include design, land acquisition and construction. Fund W refers to future grants and developer contributions.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,033,130	$ 2,033,130
001 General Fund	-	-	-	-	-	-	2,033,130	2,033,130
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,066,260**	**$ 4,066,260**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 535,300**	**$ 535,300**

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Transportation Infrastructure – Introductory Comments

Transportation infrastructure projects in the 20-year Capital Improvement Plan include a variety of projects to address safety, capacity, access and mobility needs for various modes of travel. Capacity projects are needed to meet the City's adopted roadway level of service standards. These projects range from widening of existing roads to provide additional lanes, construction of new roadway segments, to expansion and construction of freeway interchanges. Major Transportation Infrastructure projects included in the 2015-17 Capital Improvement Program are for coordination efforts for high occupancy vehicle lanes and ramp metering within Livermore on Interstate 580, Phase III design of the El Charro Specific Plan Infrastructure, Isabel Interchange (close out of environmental mitigation and right of way work), BART to Livermore Extension (environmental and right-of-way work), widening West Jack London Boulevard to four lanes from Voyager Street to Isabel Avenue and for coordinating the design and construction of Phase II of the State Route 84 Widening Project between Ruby Hills Drive to Concannon Boulevard.

Street projects from the 2005 Update of the Traffic Impact Fee (TIF) Program serve as the primary basis for updating the transportation infrastructure element of the Capital Improvement Plan. Approximately 92% of the current budget's transportation projects are funded by TIF. Many of the smaller projects within the TIF program are constructed by new development, with the developers being credited or reimbursed through the traffic impact fee. Project description pages are shown for these developer constructed TIF projects.

High priority projects include the El Charro Specific Plan Infrastructure, BART to Livermore, Isabel Avenue/I-580 Interchange and the Widening of State Route 84 and West Jack London Boulevard. Future projects include Vasco Road Interchange, First Street, and Greenville Road Interchange improvements.

Projects listed herein comply with the goals and policies of the City's General Plan, Downtown Specific Plan, the City's Traffic Impact Fee Program, Alameda County Transportation Commission Measure B Transportation Plan, Tri-Valley Transportation Commission Plan, and applicable state and federal standards. Implementation of these projects will provide for a safer roadway system and will improve mobility within Livermore.

City of Livermore
20-Year Capital Improvement Plan
Transportation Infrastructure

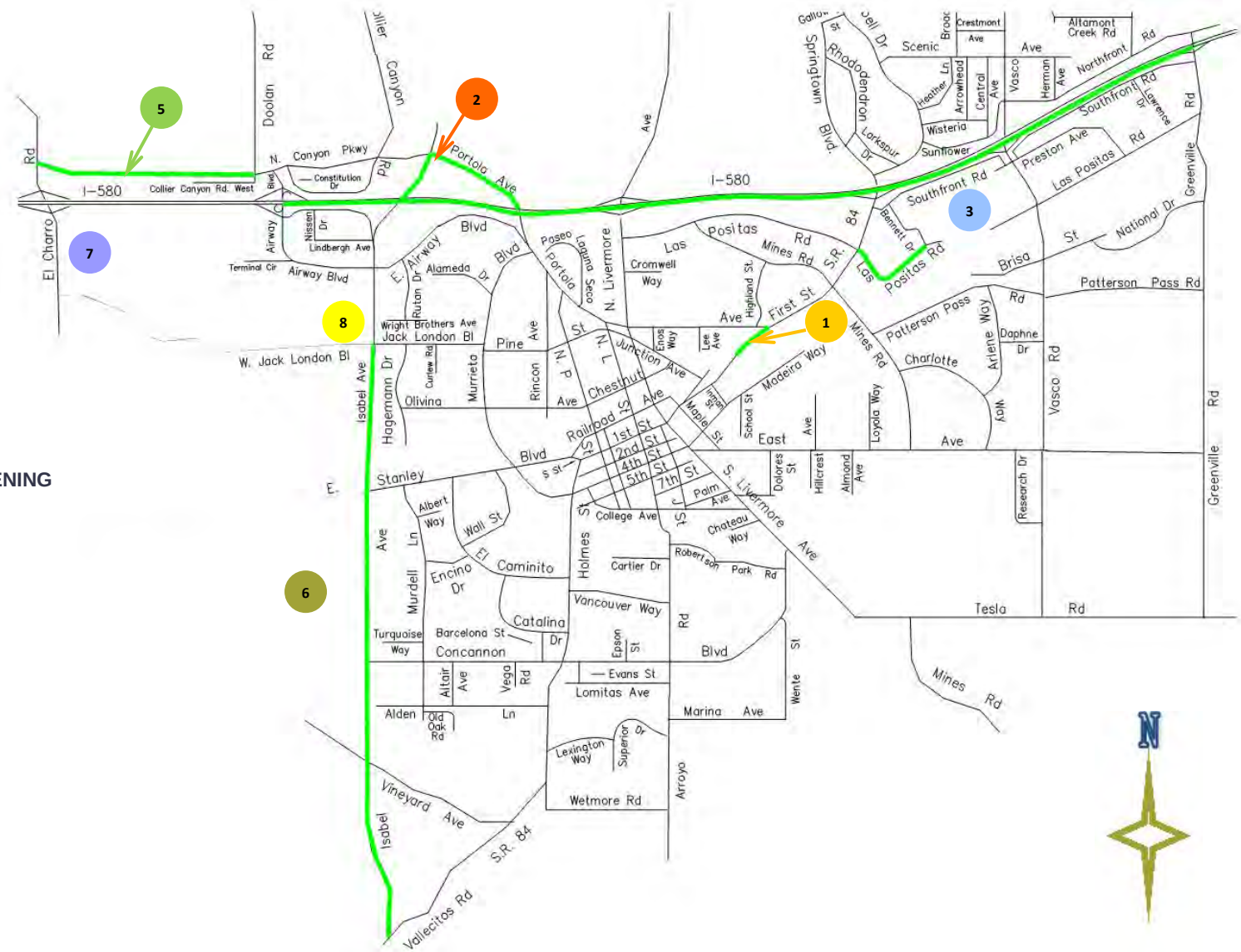
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
199132	First St. Widening- Portola Ave. to Scott St.	Not Started	-	40,000	-	-	332,000	-	450,000	822,000
199149	Greenville Rd/I-580 Interchange	In Progress	4,345,130	-	-	-	-	-	39,500,000	43,845,130
199238	Isabel Ave./I-580 Interchange	In Progress	119,643,541	4,292,744	580,000	155,000	-	-	36,576,000	161,247,285
199352	Vasco Road/I-580 Interchange	In Progress	9,290,640	-	-	-	1,231,610	1,200,000	54,725,000	66,447,250
199371	TIF Update	In Progress	301,507	25,000	25,000	200,000	200,000	200,000	1,000,000	1,951,507
199660	East Vineyard Avenue Realignment and Signalization	Completed	1,652,012	10,000	-	-	-	-	-	1,662,012
199830	Greenville Road Widening - National to Northfront	Not Started	-	-	-	-	-	-	6,400,000	6,400,000
199831	Greenville Rd. Widening - Patterson to National	Not Started	-	-	-	-	-	-	6,520,000	6,520,000
199834	N. Livermore Ave Widening - I-580 to Cromwell	Not Started	-	-	-	-	-	-	4,300,000	4,300,000
199836	Vasco Rd. Widening - I 580 to Las Positas Rd.	Not Started	-	-	-	-	-	-	3,100,000	3,100,000
199838	Las Positas Rd. Widening, Hiliker to First	Not Started	-	-	-	-	-	-	2,500,000	2,500,000
200076	TIF Reimbursements	In Progress	5,704,057	820,000	1,640,000	300,000	-	-	5,000,000	13,464,057
200083	Las Positas Rd Widening - First to Bennett	Not Started	-	-	-	31,800	-	-	4,045,000	4,076,800
200122	BART to Livermore Extension	Preliminary Design	1,693,283	950,966	986,000	500,000	500,000	-	40,000,000	44,630,249
200124	I-580 Improvements	In Progress	129,802	40,308	25,000	25,000	25,000	25,000	-	270,110
200259	North Canyons Pkwy./Dublin Blvd. Connection	Not Started	-	50,000	50,000	50,000	450,000	-	6,270,000	6,870,000
200351	Holmes Street Widening	Not Started	200,000	-	-	-	-	-	3,500,000	3,700,000
200458	Isabel Ave Widening-Jack London Blvd to Vallecitos	In Progress	423,696	120,000	145,000	80,000	25,000	-	-	793,696
200611	North Vasco Road Median	Not Started	2,620	-	-	-	285,000	-	-	287,620
200719	Vasco ACE Parking Lot - Connector Road	Preliminary Design	129,220	-	-	-	937,000	-	-	1,066,220
200720	El Charro Specific Plan Infrastructure	In Progress	64,865,064	3,056,000	556,600	-	6,254,200	-	-	74,731,864
200828	TIF Reimbursements Catholic High School SCIP	Not Started	-	-	-	-	-	390,000	10,850,000	11,240,000
200833	Vasco Rd. Widening I-580 to Scenic Ave.	Not Started	-	-	-	-	-	-	3,510,000	3,510,000
200834	Inman Street Widening	Not Started	-	-	-	-	-	-	280,000	280,000
200835	Various Intersection Improvements	Not Started	-	-	-	-	300,000	-	3,410,000	3,710,000
200851	Stanley Blvd Widening-Murrieta to West City Limit	Not Started	-	-	-	-	-	-	13,780,000	13,780,000
200864	First Street/I-580 Interchange Improvements	Not Started	-	-	-	-	-	-	37,000,000	37,000,000
201028	Foley Road Realignment	Not Started	-	-	-	-	875,000	-	-	875,000
201453	S. Vasco Road Widening Las Positas to Patterson	Not Started	-	-	-	-	-	-	6,890,000	6,890,000
201528	West Jack London Blvd Widening	Preliminary Design	-	325,000	350,000	350,000	-	-	-	1,025,000
201825	L Street/UPRR Grade Separation	Not Started	-	-	-	-	-	-	30,000,000	30,000,000
201826	Junction Avenue/UPRR Grade Separation	Not Started	-	-	-	-	-	-	30,000,000	30,000,000
Total Funding:			**$208,380,573**	**$ 9,730,018**	**$ 4,357,600**	**$ 1,691,800**	**$ 11,414,810**	**$ 1,815,000**	**$349,606,000**	**$ 586,995,801**
O&M Cost Estimate:			**$ 935,880**	**$ 4,900**	**$ 5,200**	**$ 6,225**	**$ 6,765**	**$ -**	**$ 5,899,610**	**$ 6,858,580**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1. FIRST ST. WIDENING - PORTOLA AVE. TO SCOTT ST.
2. ISABEL AVE./I-580 INTERCHANGE
3. LAS POSITAS RD. WIDENING - FIRST ST. TO BENNET DR.
4. I-580 IMPROVEMENTS
5. NORTH CANYONS PKWY./DUBLIN BLVD. CONNECTION
6. ISABEL AVE. WIDENING - JACK
7. EL CHARRO SPECIFIC PLAN INFRASTRUCTURE
8. WEST JACK LONDON BLVD. WIDENING



CITYWIDE PROJECTS:

- TIF UPDATE
- TIF REIMBURSEMENTS

CIP Name: First St. Widening- Portola Ave. to Scott St.

CIP No: 199132

Location: First Street

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen First Street between Portola Ave. and Scott St. Project to provide 3 westbound lanes through the First St./Portola Ave. intersection, median island between Portola Avenue and Scott Street, and complete the bike lane and sidewalk along the south side of First Street.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding: FY 14/15 through FY17/18 expenditures ($372,000) are for TIF credits for designing the improvements expected to be constructed by the City and designed by the developer of VTTM 7633. Expenditures shown in FY14/15 are for design by the developer and expenditures in FY17/18 are for construction of the improvements by the City. FY18/19 through remaining out years expenditures represent a project to complete the capital improvement project portion of the widening.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ 40,000	$ -	$ -	$ 332,000	$ -	$ 450,000	$ 822,000
Total Funding:	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ 332,000**	**$ -**	**$ 450,000**	**$ 822,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Greenville Rd/I-580 Interchange

CIP No: 199149

Location: I-580 Interchange at Greenville Rd.

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Construct new interchange at I-580/Greenville Road to replace existing interchange at Northfront and Southfront roads. A Project Study Report and Program EIR for future interchange improvements have been completed.

Project Justification: The proposed interchange improvements would mitigate peak hour congestion resulting from future development.

Project Funding: Prior years expenditures are for completing the program EIR, and for purchasing right-of-way at the southwest quadrant as a protection acquisition from development and includes associated costs such as staff costs, appraisals, attorneys' fees and other contingencies. Fund W refers to future grant funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,500,000	$ 8,500,000
306 Traffic Impact Fee (TIF)	4,345,130	-	-	-	-	-	31,000,000	35,345,130
Total Funding:	**$ 4,345,130**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 39,500,000**	**$ 43,845,130**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Isabel Ave./I-580 Interchange **CIP No:** 199238

Location: I-580 between Airway Blvd. and Portola Ave.

Project Sponsor: CDD - Engineering **Status:** In Progress

Project Description: Construct a new interchange on I-580 at the future Isabel Ave./Route 84 Extension. The first phase included construction of the new Isabel Ave./I-580 interchange, replacement of the existing Portola Ave./I-580 interchange with a new Portola Ave. overcrossing, relocation of Phase 2 utilities, and construction of a multi-use trail from Jack London to Portola Ave. Out Years expenditures include all of second phase costs to construct the ultimate six-lane configuration. Fund D represents expenditures by other agencies (Caltrans and Congestion Management Agency) made to complete Project No. 1992-38.

Project Justification: Regional traffic circulation will be improved by providing a more efficient connection from I-580 to SR 84. Local traffic circulation to the Las Positas College area will be enhanced by providing two additional freeway crossings.

Project Funding: Transfer of funds to Fund 322. All expenditures with the exception of Fund 239 will be charged to Fund 322. The Fund 306 expenditures in FY 09/10 have $1,260,000 in TIF credits given to the Oaks Business Park development for project related impacts. Fund 658 refers to $9.7M TEA21 grant and $1.6M in SAFTEA earmark. Fund 679 refers to Measure B project specific funds administered by ACTIA. Fund 660 refers to TVTC Route 84 Corridor Funds. Fund 680 refers to State CMIA funds. Note: Fund 322 was established on 6/17/02. Prior Years expenditures shown under Funds 306, 656, and 658 were incurred prior to 6/17/02. A portion of the Fund 306 expenditures in FY 07/08 represent $19,300,000 in TIF credits given to Shea Properties for right of way dedications. The Fund 239 expenditures are for a water entry feature at the Water Reclamation Plant at the corner of Isabel Ave. and Jack London Blvd. The Fund 322 funds shown in FY14/15 are utility company reimbursements from utility companies per the Utility Cooperative Agreements between the City and various utililty companies.

O&M Cost Assumptions: Maintenance and Operation cost assumes total new AC Pavement area of 323,197 ft² (Phase 1 improvements, Portola and non-highway Isabel only), using $1.50 /ft² for pavement rehab and $0.05/ft² for crack seal, striping, etc. This assumes no multi-use trail on Kitty Hawk Rd., and no new landscaping. Project completion is assumed to be in 2012.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ 20,800,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,800,000
239 Water Resources Replcmnt	-	490,000	-	-	-	-	-	490,000
306 Traffic Impact Fee (TIF)	19,719,390	105,000	580,000	155,000	-	-	36,576,000	57,135,390
322 Isabel/I 580 Intchg	67,595,606	-	-	-	-	-	-	67,595,606
656 Federal Street Grants	3,190	-	-	-	-	-	-	3,190
658 Isabel/Rte 84/I580 Intchg	2,325,020	-	-	-	-	-	-	2,325,020
660 Tvtc Rte 84 Corridor Imps	-	325,757	-	-	-	-	-	325,757
679 Measure B Isabel Intrchge	6,007,857	3,375,214	-	-	-	-	-	9,383,071
680 State Street Grants	3,192,478	-	-	-	-	-	-	3,192,478
Total Funding:	**$ 119,643,541**	**$ 4,295,971**	**$ 580,000**	**$ 155,000**	**$ -**	**$ -**	**$ 36,576,000**	**$ 161,250,512**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 500,000**	**$ 500,000**

CIP Name: Vasco Road/I-580 Interchange

CIP No: 199352

Location: Vasco Road at I-580

Project Sponsor: Community Development

Status: In Progress

Project Description: Construct improvements to the existing interchange to address poor levels of service on and in the vicinity of the interchange. Prior years expenditures include partial right of way purchases within project limits and a feasibility study for interim project alternatives. A Project Study Report was approved by Caltrans on June 15, 1999. The recent studies, however, concluded that the PSR geometry will not sufficiently address current level of service deficiencies. A new or supplemental PSR will be needed to develop appropriate improvements.

Project Justification: The Vasco Road/ I-580 Interchange currently experiences poor AM and PM peak hour levels of service on both I-580 and adjacent city streets. The improvements will enhance operations, safety and traffic capacity, and mitigate future congestion generated by continuing development as part of the City's General Plan for the Vasco Road area. The project will accommodate a future transit extension in the median.

Project Funding: Fund 306 expenditures are for staff and consultant work to update the PSR and coordination with Caltrans and the Alameda CTC, and for local match on anticipated grant funding. Fund 616 refers to property owner contributions to the project. Fund W refers to anticipated future grant funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000	$ 11,000,000	$ 13,000,000
306 Traffic Impact Fee (TIF)	9,290,640	-	-	-	200,000	200,000	43,725,000	53,415,640
616 Spec Proj Commitment Fund	-	-	-	-	31,610	-	-	31,610
Total Funding:	**$ 9,290,640**	**$ -**	**$ -**	**$ -**	**$ 1,231,610**	**$ 1,200,000**	**$ 54,725,000**	**$ 66,447,250**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: TIF Update

CIP No: 199371

Location: Engineering Division

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Update the Traffic Impact Fee Program approximately every 5 years. This budget cycle's work includes updating the buildout land use and the cost estimates for the TIF funded projects Citywide and recalculate fee rates if necessary.

Project Justification: Periodically, the Traffic Impact Fee Program needs updating to reestimate the traffic impacts of future land use and the necessary traffic mitigations and costs, and the fee rates to ensure adequate fees and establish a nexus between the traffic impacts of development and traffic impact fees.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 282,087	$ 25,000	$ 25,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000	$ 1,932,087
652 Special Gas Tax-2107	19,420	-	-	-	-	-	-	19,420
Total Funding:	**$ 301,507**	**$ 25,000**	**$ 25,000**	**$ 200,000**	**$ 200,000**	**$ 200,000**	**$ 1,000,000**	**$ 1,951,507**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: East Vineyard Avenue Realignment and Signalization

CIP No: 199660

Location: Vallecitos Rd. at East Vineyard Ave.

Project Sponsor: CDD - Engineering

Status: Completed

Project Description: This project will relocate the intersection of E. Vineyard Ave at Vallecitos south and will realign a portion of E. Vineyard Ave, provide turn lanes and acceleration lanes on Vallecitos Road and install new traffic signals.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding: Fund 306 expenditures are for design and construction of the traffic signal. Fund 663 expenditures are for realignment and overlay costs. Fund 604-34900 represents the South Livermore Specific Fund (Road Improvements Fee).

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 342,237	$ -	$ -	$ -	$ -	$ -	$ -	$ 342,237
604 So Liv Val Spec Plan Fee	178,443	-	-	-	-	-	-	178,443
653 Special Gas Tax-2106	4,350	-	-	-	-	-	-	4,350
663 Local St & Rd - Prop 1B	1,118,582	10,000	-	-	-	-	-	1,128,582
930 So Livermore Da Trust	8,400	-	-	-	-	-	-	8,400
Total Funding:	**$ 1,652,012**	**$ 10,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,662,012**
O&M Cost Estimate:	**$ -**	**$ 4,900**	**$ 5,200**	**$ 5,625**	**$ 5,625**	**$ -**	**$ 90,000**	**$ 111,350**

CIP Name: Greenville Road Widening - National to Northfront

CIP No: 199830

Location: Greenville Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: This project widens Greenville Road from 4 to 6 lanes between National Drive and Northfront Road.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,400,000	$ 6,400,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,400,000**	**$ 6,400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Greenville Rd. Widening - Patterson to National

CIP No: 199831

Location: Greenville Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen Greenville Road from 2 to 4 lanes between Patterson Pass Road and National Drive.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,520,000	$ 6,520,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,520,000**	**$ 6,520,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: N. Livermore Ave Widening - I-580 to Cromwell

CIP No: 199834

Location: N. Livermore Ave

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen N. Livermore Avenue from 4 to 6 lanes between I-580 and Las Positas Road and from 4 to 5 lanes between Las Positas Road and Cromwell.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,300,000	$ 4,300,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,300,000**	**$ 4,300,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Vasco Rd. Widening - I 580 to Las Positas Rd.

CIP No: 199836

Location: Vasco Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: TIF to widen portions of Vasco Road from 4 to 8 lanes between Preston Avenue and Las Positas Road.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,100,000	$ 3,100,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,100,000**	**$ 3,100,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Rd. Widening, Hiliker to First

CIP No: 199838

Location: Las Positas Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen Las Positas Road from 2 to 4 lanes between Hiliker Place and First Street.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,500,000	$ 2,500,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,500,000**	**$ 2,500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 248,570**	**$ 248,570**

CIP Name: TIF Reimbursements **CIP No:** 200076

Location: Citywide

Project Sponsor: CDD - Engineering **Status:** In Progress

Project Description: TIF reimbursements to developers. Shea - Sage reimbursement is shown in FY 14/15 and FY 15/16. Expenditures shown in FY16/17 are for potential future reimbursements. Actual reimbursements will depend on the actual TIF revenue and the reimbursement percentage adopted by the City Council each year. This sheet does not include direct fee credits to developers.

Project Justification: Provides reimbursement of construction cost for TIF projects that are constructed by developers. Shea Sage - $2,460,000.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 5,704,057	$ 820,000	$ 1,640,000	$ 300,000	$ -	$ -	$ 5,000,000	$ 13,464,057
Total Funding:	**$ 5,704,057**	**$ 820,000**	**$ 1,640,000**	**$ 300,000**	**$ -**	**$ -**	**$ 5,000,000**	**$ 13,464,057**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Las Positas Rd Widening - First to Bennett

CIP No: 200083

Location: Las Positas Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen Las Positas between First Street and Bennet Drive. Right-of-way was dedicated for this project with Development Agreement 98-92 in the amount of 69,757 square feet. To compensate the Pell Development a TIF credit was given lots 8, 9, 10, 20, 21, 22, and 23. Approximately $4.1 million remains for PM 3756 lots 20-25.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ 31,800	$ -	$ -	$ 4,045,000	$ 4,076,800
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 31,800**	**$ -**	**$ -**	**$ 4,045,000**	**$ 4,076,800**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: BART to Livermore Extension **CIP No:** 200122

Location: BART Extension

Project Sponsor: CDD - Engineering **Status:** Preliminary Design

Project Description: The Phase 1 project is an extension of BART in the median of I-580 to a station at I-580/Isabel. Phase 2 would extend BART in the median of I-580 to Greenville Road with a station at Greenville Road and the UPRR overcrossing (Greenville south). The current stage of project development includes preparing Station Area/Ridership Development Plans for the Isabel and East Side Priority Development Areas that contain the proposed station sites, and coordinating with BART on a project-level EIR.

Project Justification: The project is consistent with the Keep BART on I-580 Initiative. A BART extension to Livermore has been pursued since Alameda County voters approved the original BART construction bonds and property tax assessments in 1964. The project would relieve traffic congestion and reduce VMT, greenhouse gasses, air polution, and energy usage in addition to providing rail as a transportation option.

Project Funding: Fund 695 refers to MTC Bridge Tolls and Fund 656 refers to Federal TCSP grant.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 1,693,283	$ 650,966	$ 500,000	$ 500,000	$ 500,000	$ -	$ 40,000,000	$ 43,844,249
656 Federal Street Grants	-	100,000	186,000	-	-	-	-	286,000
695 Bart To Livermore	-	200,000	300,000	-	-	-	-	500,000
Total Funding:	**$ 1,693,283**	**$ 950,966**	**$ 986,000**	**$ 500,000**	**$ 500,000**	**$ -**	**$ 40,000,000**	**$ 44,630,249**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: I-580 Improvements

CIP No: 200124

Location: I-580

Project Sponsor: CDD - Engineering

Status: In Progress

Project Description: Administration costs to coordinate with the Alameda CTC and Caltrans on various improvements to I-580 through the Tri-Valley including east and westbound carpool lanes, express lanes, auxilliary lanes, ramp metering facilities and an eastbound truck climbing lane from Greenville Rd. to N. Flynn Road. Also includes coordination and planning for right-of-way acquisition to accommodate future median transit facilities.

Project Justification: These projects will provide for planning and coordination of improvements along the I-580 corridor including carpool and auxiliary lanes and ramp metering. These projects will reduce congestion and improve air quality. Establishment of an ultimate plan line will minimize future development within the needed right-of-way, thereby reducing costs for right-of-way acquisition.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 129,802	$ 40,308	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ -	$ 270,110
Total Funding:	**$ 129,802**	**$ 40,308**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ -**	**$ 270,110**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: North Canyons Pkwy./Dublin Blvd. Connection

CIP No: 200259

Location: North Canyons Parkway and Dublin Boulevard

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Connection of North Canyons Parkway and Dublin Boulevard as a 4 to 6 lane road between Doolan Canyon Road and the east Dublin City limits. Cost of this extension would be shared equally with the City of Dublin. Costs shown represent 50% of the total estimated cost. FY 14/15 expenditures are for 50% contribution for local match for a grant to complete a feasibility and alignment study. The City of Dublin would be the the lead contracting agency for the grant. FY16/17 and FY17/18 expenditures are for 50% of the cost of environmental studies, and design.

Project Justification: This project will provide transportation alternatives in the I-580 corridor.

Project Funding: Cost of this extension would be shared equally with the City of Dublin. Costs shown represent 50% of the total estimated cost. FY 16/17 and 17/18 expenditures are for 50% of the cost of preliminary engineering, environmental studies, and design. City of Dublin to pay for 50% of costs

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ 50,000	$ 50,000	$ 50,000	$ 450,000	$ -	$ 6,270,000	$ 6,870,000
Total Funding:	**$ -**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 450,000**	**$ -**	**$ 6,270,000**	**$ 6,870,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Holmes Street Widening

CIP No: 200351

Location: Holmes St

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen Holmes Street from 3 to 4 lanes between Wetmore Road and Alden Lane.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding: Prior expenditure was for the first phase to widen from 2 to 3 lanes.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ 3,500,000	$ 3,700,000
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
Total Funding:	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,500,000**	**$ 3,700,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Isabel Ave Widening-Jack London Blvd to Vallecitos

CIP No: 200458

Location: Isabel Avenue-Jack London Blvd to Vallecitos Rd

Project Sponsor: Community Development

Status: In Progress

Project Description: Widen Isabel Avenue from two to four lanes from Vallecitos Road to Stanley Boulevard, and from two to six lanes from Stanley Boulevard to Jack London Boulevard. ACTIA is administering the Project Approval/Environmental Document and design phases with the City as the Project Sponsor. Caltrans will administer the construction phases for this project. The project has been segmented into two construction contracts, Phase I (Jack London Blvd. to north of Concannon Blvd.) which has been completed and Phase II (Ruby Hills Dr. to north of Concannon) which is a future phase of the project anticipated to start construction in 2015.

Project Justification: This project will improve capacity to accommodate anticipated traffic uses of Isabel Avenue as State Route 84.

Project Funding: The Alameda County Transportation Improvement Authority (ACTIA) has identified approximately $70 million in Measure B funds for Isabel/Route 84 Expressway Improvements. ACTIA is administering and financing the project for the City. Costs shown are for City staff oversight, participation in project design team meetings, construction administration and document review. Costs also include staff oversight for administration of the State Route 84 Utility Undergrounding Project (Project No. 2013-24) in FY13/14. Fund 321 (TVTC 20% Fee) will be used to cover these City staff administration costs. Prior year costs were funded with the SR84 Widening Project Measure B Funds (Fund 691). Approximately $99,000 will be transfered to Fund 691 in FY13/14 for staff time which was not eligible for reimbursement with ACTC.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
321 Tvtc 20% Fee	$ 84,391	$ 120,000	$ 100,000	$ 60,000	$ 25,000	$ -	$ -	$ 389,391
691 Msr B - Isabel Widening	339,305	-	45,000	20,000	-	-	-	404,305
Total Funding:	**$ 423,696**	**$ 120,000**	**$ 145,000**	**$ 80,000**	**$ 25,000**	**$ -**	**$ -**	**$ 793,696**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: North Vasco Road Median

CIP No: 200611

Location: North Vasco Road north of Northfront

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Install median with landscaping and new centralized irrigation system on North Vasco Road just north of Northfront Road to control left turn movements on North Vasco Road.

Project Justification: Completion of this TIF improvement will improve aesthetics and safety on this corridor.

Project Funding:

O&M Cost Assumptions: Maintenance and Operation costs assume 400 ft². x 5' wide (2,000 ft²) median area @ $0.27/ft²

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ 2,620	$ -	$ -	$ -	$ 285,000	$ -	$ -	$ 287,620
Total Funding:	**$ 2,620**	**$ -**	**$ -**	**$ -**	**$ 285,000**	**$ -**	**$ -**	**$ 287,620**
O&M Cost Estimate:	**$ 1,080**	**$ -**	**$ -**	**$ -**	**$ 540**	**$ -**	**$ 8,640**	**$ 10,260**

CIP Name: Vasco ACE Parking Lot - Connector Road

CIP No: 200719

Location: Altamont Commuter Express - Vasco Road Station

Project Sponsor: CDD - Engineering

Status: Preliminary Design

Project Description: Construction of a two lane road with a retaining wall under the Vasco Road overpass to connect the existing Vasco ACE Parking Lot (west side of Vasco Road) with the newly expanded parking lot on the east side of Vasco Road. A portion of this project will be funded from funds from the Ageno Trust, which was a condition in the property purchase agreement for the new Vasco ACE parking lot expansion project.

Project Justification: This project provides a vehicular connection between the two Vasco ACE Parking Lots that are now separated by the Vasco Road overpass. The connector road will be constructed beneath the Vasco Road overpass, adjacent to the UPRR right-of-way. Maintenance and Operation costs assume 2 slurry seals over 20-year period for 7,500 s.f. of asphalt paving at $0.30/s.f. Annual cost for sweeping, crack sealing, pavement striping and painting of curbs is assumed to be $0.05/s.f.

Project Funding: This project will be funded with future funds from the development of the Brisa Neighborhood Plan area. Fund 304 represents funding from the Ageno Trust Property Purchase Agreement. Developer is responsible to pay $400,000 plus the cost of living adjustments which represents reimbursements for 50% of the costs to design, permit and construct this project per Development Agreement 13-02. Payment is to be made within 10 days of issuing the first permit for a dwelling unit in the second phase of the Brisa Neighborhood Plan.

O&M Cost Assumptions: Maintenance and Operation costs assume 2 slurry seals over 20-year period for 7,500 ft² of asphalt paving at $0.30/ft² Annual cost for sweeping, crack sealing, pavement striping and painting of curbs is assumed to be $0.05/ft²

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
304 Vasco Ace - Connector Rd	$ 129,220	$ -	$ -	$ -	$ 437,000	$ -	$ -	$ 566,220
688 Measure BB-Local St & Rd	-	-	-	-	500,000	-	-	500,000
Total Funding:	**$ 129,220**	**$ -**	**$ -**	**$ -**	**$ 937,000**	**$ -**	**$ -**	**$ 1,066,220**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ 600**	**$ 600**	**$ -**	**$ 9,600**	**$ 10,800**

CIP Name: El Charro Specific Plan Infrastructure

CIP No: 200720

Location: El Charro Specific Plan Area

Project Sponsor: Community Development

Status: In Progress

Project Description: Design and construction of the public infrastructure to serve the El Charro Specific Plan Area. Improvements include extension of West Jack London Blvd. to El Charro Rd., installation of sewer and sewer pump station facilities, water, recycled water, storm drain facilities, flood control, water quality features, 2 internal roadways, trail improvements, widening El Charro Rd., extension of joint trench utilities, Las Positas Golf Course modifications, El Charro-Fallon Rd. interchange modifications to the east bound on and off ramps, traffic signals, and City contribution to the ultimate El Charro interchange improvements at I-580. Cumulative improvements required at build out of the Plan Area and surrounding areas and upon installation of cumulative transportation infrastructure include ultimate improvements to El Charro Road interchange. Prior years expenditures are for design and construction of Phase 1, 2a, and 2b improvements; construction of the Las Positas Golf Course Bridge (Fund 310 and 270); construction of the Livermore to Pleasanton Arroyo Trail Segment; and Airport & Water Resources Access Improvements (Project 2007-16) under separate budget sheets in prior years. FY14/15 funds are for the Road A realignment and Friesman Park. FY 17/18 funds are for the Phase 3a improvements including the remaining portion of Friesman Park, north bank fill and Road B. The ulitmate interchange improvements will be done in FY17/18 as Phase 3b.

Project Justification: Construction of the above public infrastructure will facilitate development of the El Charro Specific Plan area and enhance economic vitality consistent with the General Plan. It will also provide a major east/west connection between SR 84 and El Charro Road by the extension of Jack London Boulevard. FY 17/18 is for the design and construction of Phase 3 of the El Charro Specific Plan to accomodate the development of Crosswinds Church and Himsl Property development.

Project Funding: Transfer of funds to Fund 340. All expenditures except those made to Fund 270 will be charged to Fund 340. Prior years expenditures are for design of Phase 1 and Phase 2 improvements. FY15/16 funds are for maintenance and monitoring of mitigation areas. FY17/18 funds are for all other Phase 3b projects including improvements to the El Charro Interchange.

O&M Cost Assumptions: O&M costs for creek mitigation and monitoring are covered by CFD 2012-1 for maintenance. $89,339 for creek $15,655 for SCC to Zone 7 per cost sharing agreement.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ 30,000	$ -	$ -	$ -	$ -	$ -	$ 30,000
306 Traffic Impact Fee (TIF)	1,093,185	-	-	-	-	-	-	1,093,185
310 LCPFA 2008 COPS CF	3,083,405	95,000	-	-	-	-	-	3,178,405
340 El Charro Infra	38,432,917	-	-	-	-	-	-	38,432,917
341 El Charro Developer Fees	22,255,558	2,667,000	556,600	-	6,254,200	-	-	31,733,358
346 LCPFA 2011 COPS CF	-	264,000	-	-	-	-	-	264,000
Total Funding:	**$ 64,865,064**	**$ 3,056,000**	**$ 556,600**	**$ -**	**$ 6,254,200**	**$ -**	**$ -**	**$ 74,731,864**
O&M Cost Estimate:	**$ 934,800**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,988,800**	**$ 5,923,600**

CIP Name: El Charro Specific Plan Infrastructure **CIP No:** 200720-T

Location: El Charro Specific Plan Area

Project Sponsor: **Status:** In Progress

Transfers 01: TRANSFER 01 (previously #999830) - Transfer of funds to the El Charro Infrastructure fund, Fund 340. Fund 346 refers to the 2011 COPS (See TRANSFER 02 and TRANSFER 03) for West Jack London Blvd. extension and construction of the box culverts. Fund 310 expenditures of $2,875,000 include Project No. 2007-20 prior year Fund 310 costs for the City's share of the Las Positas Golf Course improvements. Fund 306 expenditures of $2,853,690 include Project No. 2007-20 prior year TIF costs for West Jack London Blvd. Extension, El Charro / I-580 Interchange improvements and El Charro Road Widening. Fund 341 refers to various El Charro Specific Plan funding sources which include the Alameda County Gap Loan ($13,400,000) to be reimbursed with developer contributions, Alameda County Zone 7 Contribution ($10,000,000), Alameda County Surplus ($3,000,000) and BART right of way CMA funds ($2,401,300). Fund 680 refers to the State Landscape Mitigation Grant fund. Fund 342 represents the El Charro Community Facility District Fund. Fund 346 will reimburse Fund 306 ($900,000) in FY 11/12 for property owners share of the interim El Charro interchange (See TRANSFER 04). Fund 342 will reimburse various Gas Tax funds being used for repayment of the 2011 COPS (See TRANSFER 02). Fund 259 is for the ability to provide recycled water to other users west of the City boundaries. The FY 14/15 funds are for Phase 2 improvements, which includes the City's 25% allocation ($4.5 million) towards the ultimate El Charro Interchange.

Transfers 02: TRANSFER 02 (previously #999906) - Transfer of gas tax funds to Fund 411 for repayment of the 2011 COPS partially reimbursed by Highway Users Tax Revenue. Installment sale for a loan in the amount of $15.8 million ($10 million for Phase 1 and $1.8 million for Phase 1B) for the extension of West Jack London Blvd to El Charro Rd and Phase 1B improvements in connection with the El Charro Specific Plan Infrastructure Project No. 2007-20. The $25,421,110 repayment from the gas tax funds includes principal and interest payments based on a $15.8 million principal for 30 years through June 2042.

Transfers 03: TRANSFER 03 (previously #999907) - Transfer of El Charro Community Facilities District funds (Fund 342) to various gas tax funds as shown for repayment of the 2011 COPS partially reimbursed by Highway Users Tax Revenue for a loan in the amount of $15.8 Million ($10 Million for Phase I and $1.8 Million for Phase IB) for the extension of West Jack London Blvd to El Charro Rd and Phase IB improvements in connection with the El Charro Specific Plan Infrastructure Project No. 2007-20. The Out Years expenditures shown reflect full payment through 2042. The $25,421,110 repayment includes principal and interest as shown on TRANSFER 02 with payments to the various gas tax funds from Fund 342 anticipated to start in FY 13/14 in the amount shown as expended for each of the gas tax funds on TRANSFER 02: Spec Gas Tax Prop 111 (Fund 650) = $323,000/year, Spec Gas Tax 2107 (Fund 652)=$323,000/yr, Spec Gas Tax 2106 (Fund 653) = $197,890/yr (varies)

Transfers 04: TRANSFER 04 (previously #999915) - Transfer of El Charro 2011 COPS Funds (Fund 346) to TIF (Fund 306) for the City's obligation (25% of total El Charro/I-580 Interchange cost) for Phase 1 improvements to the El Charro/I-580 Interchange and overpayment of TIF funds toward design costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ 30,000	$ -	$ -	$ -	$ -	$ -	$ 30,000
306 Traffic Impact Fee (TIF)	1,093,185	-	-	-	-	-	-	1,093,185
310 LCPFA 2008 COPS CF	3,083,405	95,000	-	-	-	-	-	3,178,405
340 El Charro Infra	38,432,917	-	-	-	-	-	-	38,432,917
341 El Charro Developer Fees	22,255,558	2,667,000	556,600	-	6,254,200	-	-	31,733,358
346 LCPFA 2011 COPS CF	-	264,000	-	-	-	-	-	264,000
Total Funding:	**$ 64,865,064**	**$ 3,056,000**	**$ 556,600**	**$ -**	**$ 6,254,200**	**$ -**	**$ -**	**$ 74,731,864**
O&M Cost Estimate:	**$ 934,800**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,988,800**	**$ 5,923,600**

CIP Name: El Charro Specific Plan Infrastructure **CIP No:** 200720-T2

Location: El Charro Specific Plan Area

Project Sponsor: **Status:** In Progress

Transfers 05: TRANSFER 05 - Transfer of $167,247 from Fund 310 - 2008 COP El Charro funds ($153,569) and Fund 310 -2008 COP LPGC/Jack London Boulevard funds ($13,678) to Fund 270 – Golf Course for replacement of Golf Course bridge.

Transfers 06: TRANSFER 06 – Transfer of $3,830,463 from Fund 341 (2014 Loan from Premium II) to Fund 340 (El Charro Infrastructure Fund) for the realignment of Livermore Outlets Drive and construction of Freisman Park and North Overbank improvements (100% Road and North Bank Landscaping+40% Freisman Park) .

Transfers 07: TRANSFER 07 - Transfer of $951,802 from Funds 346, 310 & 341 – Fund 346 -2011 COPS ($264,019), Fund 310 – 2008 COP-El Charro ($94,987)(landscape mitigation), Fund 341- El Charro Developer Fees ($113,250)(excess entitlement fees), Fund 341 – Caltrans($46,677), Fund 341 – Gap Loan($197,581) and Fund 341 – Bart($235,288) to fund 40% of Freisman Park.

Transfers 08: TRANSFER 08 – Transfer of $450,000 from Fund 341 – Gap Loan to Fund 340 -El Charro Infrastructure Fund for church bridge in FY 15/16. Transfer of $156,000 from Fund 341 – Zone 7 Fees($50,000) and Fund 341 – El Charro Developer fees ($106,600) to fund El Charro habitat mitigation and monitoring.

Future Transfer 09: FUTURE TRANSFER 09 – Transfer of $5,993,163 from Fund 341 - Future Developer Contributions and $211,000 from Fund 341(2014 Loan from Premium II) to Fund 340 -El Charro Infrastructure Fund for the construction of Road B, widening of Freisman Road, joint trench, and remaining (20%) improvements in Freisman Park.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
270 Las Positas Golf	$ -	$ 30,000	$ -	$ -	$ -	$ -	$ -	$ 30,000
306 Traffic Impact Fee (TIF)	1,093,185	-	-	-	-	-	-	1,093,185
310 LCPFA 2008 COPS CF	3,083,405	95,000	-	-	-	-	-	3,178,405
340 El Charro Infra	38,432,917	-	-	-	-	-	-	38,432,917
341 El Charro Developer Fees	22,255,558	2,667,000	556,600	-	6,254,200	-	-	31,733,358
346 LCPFA 2011 COPS CF	-	264,000	-	-	-	-	-	264,000
Total Funding:	**$ 64,865,064**	**$ 3,056,000**	**$ 556,600**	**$ -**	**$ 6,254,200**	**$ -**	**$ -**	**$ 74,731,864**
O&M Cost Estimate:	**$ 934,800**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,988,800**	**$ 5,923,600**

CIP Name: TIF Reimbursements Catholic High School SCIP

CIP No: 200828

Location: Las Colinas Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: TIF Reimbursement for Catholic High School SCIP costs to realign and extend Las Colinas Road from the overpass over I-580 to Redwood Road.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ 390,000	$ 10,850,000	$ 11,240,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 390,000**	**$ 10,850,000**	**$ 11,240,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 54,000**	**$ 54,000**

CIP Name: Vasco Rd. Widening I-580 to Scenic Ave.

CIP No: 200833

Location: Vasco Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen Vasco Road from 4 to 6 lanes between Northfront Road and Scenic Avenue.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,510,000	$ 3,510,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,510,000**	**$ 3,510,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Inman Street Widening

CIP No: 200834

Location: Inman Street

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen Inman Street from 2 to 4 lanes between Fourth Street and First Street.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update and Downtown Specific Plan.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 280,000	$ 280,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 280,000**	**$ 280,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Various Intersection Improvements **CIP No:** 200835

Location: Various Locations

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: Traffic Impact Fees (TIF) to improve intersections along major streets based on the General Plan and Downtown Specific Plan. FY 2017/18 funding is to widen the southbound approach to the Murrieta/Stanley intersection to extend the southbound right turn lane.

Project Justification: The project is identified in the 2003 General Plan and the Downtown Specific Plan to enhance intersection operations. The intersection of Murrieta/Stanley currently operates at LOS E during the morning commute. This project will help reduce peak hour traffic congestion at this intersection.

Project Funding:

O&M Cost Assumptions: $300 annual average for pavement maingtenance

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ 300,000	$ -	$ 3,410,000	$ 3,710,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ 3,410,000**	**$ 3,710,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Stanley Blvd Widening-Murrieta to West City Limit **CIP No:** 200851

Location: Stanley Boulevard

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: This project widens Stanley Boulevard from 4 to 6 lanes between Murrieta Boulevard and the west City limit. Widening would be on the north side. Median would be replaced. Bridge over Arroyo Mocho would be widened.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,780,000	$ 13,780,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 13,780,000**	**$ 13,780,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: First Street/I-580 Interchange Improvements

CIP No: 200864

Location: First St. at I-580 Interchange

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Modify I-580/First Street Interchange into partial cloverleaf design with 6-lanes on First Street over I-580. Fund W refers to future grant for costs to mitigate the regional traffic impact at this interchange.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,000,000	$ 5,000,000
306 Traffic Impact Fee (TIF)	-	-	-	-	-	-	32,000,000	32,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 37,000,000**	**$ 37,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Foley Road Realignment **CIP No:** 201028

Location: Intersection of E. Vineyard Avenue and Vallecitos Road

Project Sponsor: CDD - Engineering **Status:** Not Started

Project Description: This project will design and construct the realignment of Foley Road to the new signalized intersection of E. Vineyard Avenue and Vallecitos Road to make a 4-leg intersection. The existing Foley Road connection will be removed or closed to access.

Project Justification: This project will improve safety for motorists to and from Foley Road and overall safety at the intersection, and will connect Sycamore Grove Park to the existing trail system.

Project Funding: $625,000 of Fund D refers to Zone 7 contributions for Foley Road realignment. $250,000 of Fund D refers to contribution by LARPD or EBRPD for construction of Segment N Trail from Vallecitos Road to Sycamore Grove Park.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ -	$ 875,000	$ -	$ -	$ 875,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 875,000**	**$ -**	**$ -**	**$ 875,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: S. Vasco Road Widening Las Positas to Patterson

CIP No: 201453

Location: S. Vasco Road

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Widen S. Vasco Road from 4 to 6 lanes between Las Positas Road and Patterson Pass Road including the overpass over the Union Pacific Railroad.

Project Justification: This project is needed to mitigate future traffic congestion related to the 2003 General Plan Update.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
306 Traffic Impact Fee (TIF)	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,890,000	$ 6,890,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,890,000**	**$ 6,890,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: West Jack London Blvd Widening **CIP No:** 201528

Location: West Jack London Blvd from Voyager St to Isabel Avenue

Project Sponsor: Community Development **Status:** Preliminary Design

Project Description: This project will widen Jack London Blvd by an additional traffic lane with bike lane in the eastbound direction to establish a four-lane roadway. This project will require acquisition of right-of-way from adjacent property, relocation of utilities and traffic signal modifications. Frontage improvements will be installed by the future development of adjacent property. The East Jack London Blvd westbound approach will be reconfigured to accomodate two through lanes across the intersection.

Project Justification: This project will improve local traffic circulation by widening the remaining three-lane segment of Jack London Blvd to be consistent with the ultimate four lane major roadway.

Project Funding: The $325,000 in General Fund (F001) is a developer contribution from the sale of Isabel Avenue excess right-of-way to the Trammel Crow Subdivision and will cover environmental, design and right-of-way acquisition expenditures. The Fund 302 Developer Deposit is a future $470,000 contribution from Trammel Crow to be used to cover constuction costs.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
001 General Fund	$ -	$ 325,000	$ -	$ -	$ -	$ -	$ -	$ 325,000
302 Developers Deposit	-	-	120,000	350,000	-	-	-	470,000
346 LCPFA 2011 COPS CF	-	-	130,000	-	-	-	-	130,000
677 Measure B-Bike/Pedestrian	-	-	100,000	-	-	-	-	100,000
Total Funding:	**$ -**	**$ 325,000**	**$ 350,000**	**$ 350,000**	**$ -**	**$ -**	**$ -**	**$ 1,025,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: L Street/UPRR Grade Separation

CIP No: 201825

Location: L Street / UPRR

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Construct an undercrossing on L Street at UPRR in the Downtown.

Project Justification: This project would provide safety improvements and would eliminate delay at the existing grade crossing for motorists, bicyclists and pedestrians traveling along L Street through the Downtown. This project is consistent with advance planning for improvements to ACE service.

Project Funding: This project is expected to be funded through a state grant as part of the ACE Forward program.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,000,000	$ 30,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 30,000,000**	**$ 30,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Junction Avenue/UPRR Grade Separation

CIP No: 201826

Location: Junction Avenue/UPRR

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Construct an undercrossing on Junction Avenue at UPRR in the Downtown.

Project Justification: This project would would provide safety improvements and would eliminate delay at the existing grade crossing for motorists, bicyclists and pedestrians traveling along Junction Avenue in the Downtown. This project is consistent with advance planning for improvements to ACE service.

Project Funding: This project is expected to be funded through a state grant as part of the ACE Forward program.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,000,000	$ 30,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 30,000,000**	**$ 30,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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Undergrounding District/Rule 20A Projects – Introductory Comments

This program is for undergrounding of overhead utilities in order to enhance the aesthetics and safety of the community. In the 2015-17 Capital Improvement Program State Route 84 Undergrounding is the only project funded. This project is funded primarily using Rule 20A funds provided by P.G. & E and traffic impact fees for staff coordination time in administering this project in connection with the State Route 84 Widening Project. Future projects include North "L" Street, East Avenue, North Vasco Road, South "L" Street, and South Livermore Avenue.

Miscellaneous costs that are not legally allocable to Rule 20A funding are funded through gas taxes and the General Fund.

City of Livermore
20-Year Capital Improvement Plan
Underground District / Rule 20A

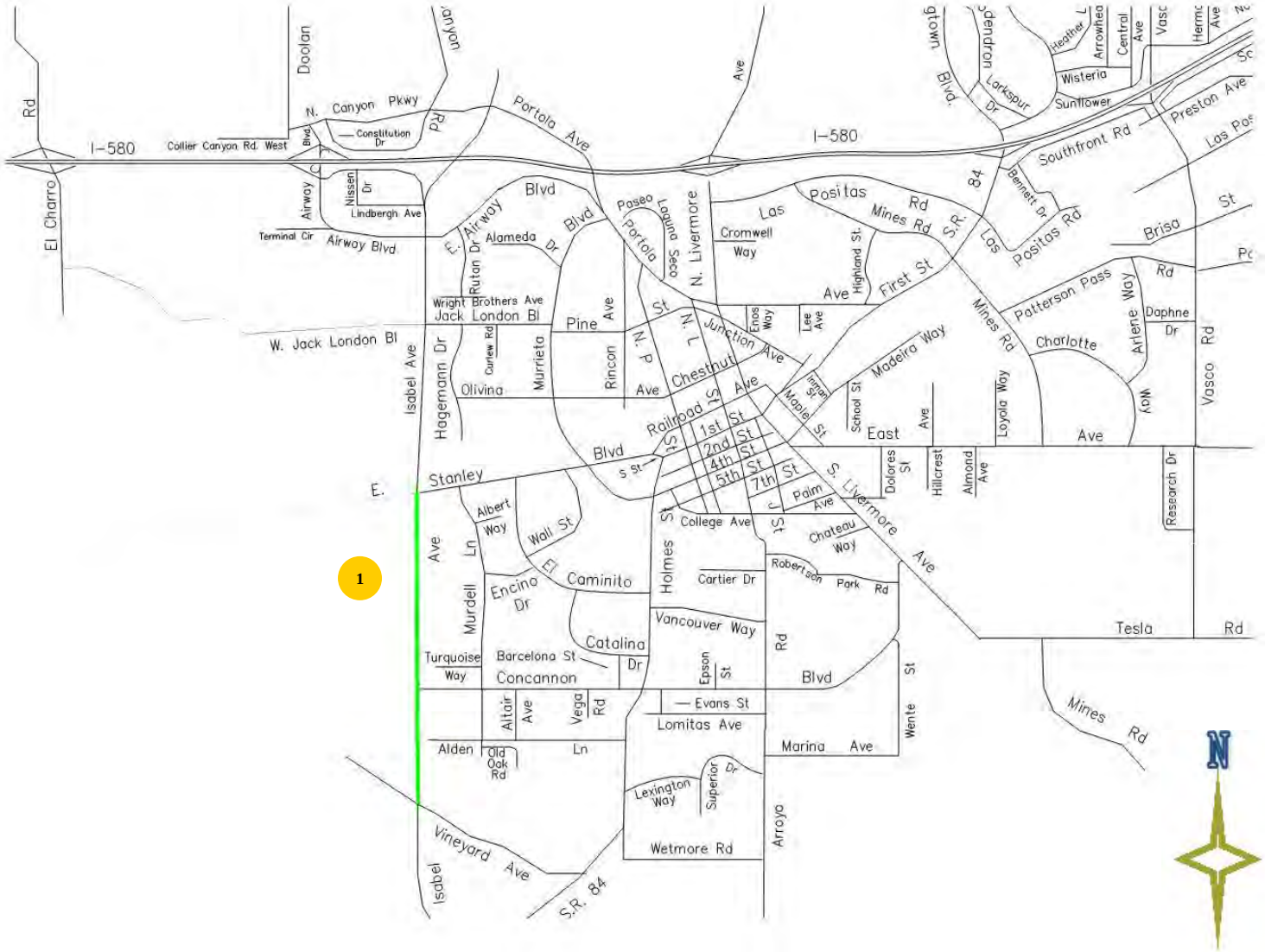
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
200098	North "L" Street Utility Undergrounding	Not Started	$ 463,620	$ -	$ -	$ -	$ -	$ -	$ 3,155,500	$ 3,619,120
200841	East Avenue Utility Undergrounding	Not Started	-	-	-	-	-	-	7,305,000	7,305,000
200842	North Vasco Road Utility Undergrounding	Not Started	-	-	-	-	-	-	1,395,000	1,395,000
200843	South Livermore Ave Utility Undergrounding	Not Started	-	-	-	-	-	-	2,860,000	2,860,000
200844	South L Street Utility Undergrounding	Not Started	-	-	-	-	-	-	2,150,000	2,150,000
201226	In-Lieu Utility Undergrounding	Not Started	-	-	-	-	150,000	638,475	-	788,475
201324	State Route 84 Utility Undergrounding	In Progress	41,925	25,000	1,025,000	825,000	2,050,000	650,000	-	4,616,925
Total Funding:			**$ 505,545**	**$ 25,000**	**$ 1,025,000**	**$ 825,000**	**$ 2,200,000**	**$ 1,288,475**	**$ 16,865,500**	**$ 22,734,520**
O&M Cost Estimate:			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1 **STATE ROUTE 84 UTILITY UNDERGROUNDING**



CIP Name: North "L" Street Utility Undergrounding

CIP No: 200098

Location: North L St from Portola Ave to Railroad Ave

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Undergrounding of existing overhead lines along North L St from Portola Ave to Railroad Ave. This project was ranked as a number 3 priority undergrounding district by Engineering.

Project Justification: To improve aesthetics of mayor roadways by removing overhead electric and communication lines and placing them underground.

Project Funding: Fund 650 refers to new City street lighting costs. Fund 659 refers to underground district formation and design costs. Fund B refers to PG&E's Rule 20A funding. Fund 001 is for private property service conversions.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,700,000	$ 2,700,000
001 General Fund	-	-	-	-	-	-	120,000	120,000
303 Public Utility Undrgrndg	128,120	-	-	-	-	-	-	128,120
650 Gas Tax Prop 111	200,000	-	-	-	-	-	200,000	400,000
652 Special Gas Tax-2107	33,120	-	-	-	-	-	33,120	66,240
659 Gas Tax - 2103	102,380	-	-	-	-	-	102,380	204,760
Total Funding:	**$ 463,620**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,155,500**	**$ 3,619,120**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Underground District / Rule 20A

CIP Name: East Avenue Utility Undergrounding

CIP No: 200841

Location: East Ave from S Livermore Ave to Madison Ave

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Underground existing overhead utility lines along East Ave from South Livermore Ave to Madison Ave. This was ranked as a number 2 priority undergrounding district by Engineering.

Project Justification: To improve aesthetics of mayor roadways by removing overhead electric and communication lines and placing them underground.

Project Funding: Fund 001 covers electric service conversion reimbursements to private property owners. Fund 650 and 652 include new street lighting and right of way acquisition. Fund B refers to PG&E's Rule 20A funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,610,000	$ 6,610,000
001 General Fund	-	-	-	-	-	-	105,000	105,000
650 Gas Tax Prop 111	-	-	-	-	-	-	140,000	140,000
652 Special Gas Tax-2107	-	-	-	-	-	-	450,000	450,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,305,000**	**$ 7,305,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: North Vasco Road Utility Undergrounding

CIP No: 200842

Location: North Vasco Rd from Dalton Ave to Crestmont Ave

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Underground existing overhead utility lines along the west side of North Vasco Road from Dalton Avenue to Crestmont Avenue. Project will install conduits sized to permit future PG&E upgrading of existing 12KV lines to 21 KV transmission capacity. This was ranked as a number 6 priority undergrounding district by Engineering.

Project Justification: To improve aesthetics of mayor roadway by removing overhead electric and communication lines and placing them underground.

Project Funding: Fund 652 covers preliminary engineering and right-of-way costs

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,365,000	$ 1,365,000
652 Special Gas Tax-2107	-	-	-	-	-	-	30,000	30,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,395,000**	**$ 1,395,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Underground District / Rule 20A

CIP Name: South Livermore Ave Utility Undergrounding

CIP No: 200843

Location: South Livermore Ave from Fourth St to Pacific Ave

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Underground existing overhead utility lines along South Livermore Ave from Fourth St to Pacific Ave. This was ranked as a number 5 priority undergrounding district by Engineering.

Project Justification: To improve aesthetics of mayor roadway by removing overhead electric and communication lines and placing them underground.

Project Funding: Fund 001 covers electric services conversion reimbursements to private property owners. Fund 650 and 652 covers lighting and traffic signal interconnect improvements. Fund B refers to PG&E's Rule 20A funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,460,000	$ 2,460,000
001 General Fund	-	-	-	-	-	-	150,000	150,000
650 Gas Tax Prop 111	-	-	-	-	-	-	50,000	50,000
652 Special Gas Tax-2107	-	-	-	-	-	-	200,000	200,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,860,000**	**$ 2,860,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: South L Street Utility Undergrounding **CIP No:** 200844

Location: South L St from Fourth St to College Ave

Project Sponsor: Community Development **Status:** Not Started

Project Description: Underground existing overhead utility lines on South L St from Fourth St to College Ave. This was ranked as a number 4 priority undergrounding district by Engineering

Project Justification: To improve aesthetics of mayor roadway by removing overhead electric and communication lines and placing them underground.

Project Funding: Fund 001 covers electric service conversion reimbursements to private property owners. Fund 652 refers to City lighting costs, district formation and preliminary design costs. Fund B refers to PG&E's Rule 20A funding.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,790,000	$ 1,790,000
001 General Fund	-	-	-	-	-	-	60,000	60,000
652 Special Gas Tax-2107	-	-	-	-	-	-	300,000	300,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,150,000**	**$ 2,150,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: In-Lieu Utility Undergrounding

CIP No: 201226

Location: City Wide

Project Sponsor: CDD - Engineering

Status: Not Started

Project Description: Project provides for conversion of utilities from overhead to underground and provides developers the option to pay in-lieu undergrounding fees instead of actually converting the overhead utilities themselves. FY 17/18 funding is intended to cover project identification, prioritizatioan and design. FY 18/19 funding is for design and construction of identified projects.

Project Justification: Overhead utilities are unsightly, especially in the Downtown Core. This project will enhance the aesthetics of new developments by undergrounding overhead utilities that front/serve the developments.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
303 Public Utility Undrgrndg	-	-	-	-	150,000	638,475	-	788,475
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 638,475**	**$ -**	**$ 788,475**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: State Route 84 Utility Undergrounding

CIP No: 201324

Location: Underground District/Rule 20A

Project Sponsor: Community Development

Status: In Progress

Project Description: Undergrounding existing overhead utilities along the east side of SR 84 (Isabel Avenue) from Vineyard Avenue to approximatley 1,000 feet north of Stanley Boulevard. Approximately 10,000 linear feet of electrical and phone lines will be undergrounded. Phase 1 undergrounding of existing overhead utilities along the east side of SR 84 from Vineayrd Rd. to north of Concannon Blvd. is required as part of the Phase 2 SR 84 Widening Poject No. 2004-58 scheduled for construction starting in the summer 2015 to summer 2017. Phase 2 undergrounding from north of Concannon Blvd. to north of Stanley Blvd. will be undergrounded seperately by PG&E after completion of the Phase 1 undergrounding. This project was ranked as the number 1 priority undergrounding district by Engineering.

Project Justification: The existing overhead utility poles and lines are to be undergrounded to comply with the City's Scenic Route requirements as it applies to the construction of the State Route 84 (Isabel Avenue) Widening Project.

Project Funding: Fund B refers to PG&E's Rule 20A funding. Fund 306 refers to Traffic Impact Fees (TIF) for the funding of the undergrounding of AT&T lines which are not eligible for PG&E's Rule 20A funds and City staff costs for administration of the project.

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
B PG&E Rule 20A Funding	$ -	$ -	$ 1,000,000	$ 750,000	$ 2,000,000	$ 600,000	$ -	$ 4,350,000
306 Traffic Impact Fee (TIF)	41,925	25,000	25,000	75,000	50,000	50,000	-	266,925
Total Funding:	**$ 41,925**	**$ 25,000**	**$ 1,025,000**	**$ 825,000**	**$ 2,050,000**	**$ 650,000**	**$ -**	**$ 4,616,925**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Wastewater – Introductory Comments

The City of Livermore operates a Water Reclamation Plant and sewer collection system. Wastewater projects in the 2015-17 Capital Improvement Program include a variety of projects to enhance the capacity of the City's sewer collection system and the recycled water system, to replace or repair existing deteriorating transmission pipes, and to perform repairs, rehabilitation, and upgrades to the electrical distribution system, solids handling and liquid treatment processes at the City's Water Reclamation Plant. Other projects include HVAC and roofing repairs and a Cogeneration Project to utilize existing digester gas that is flared off at the Water Reclamation Plant. This program also funds utility master planning for the Water Reclamation Plant and wastewater disposal system improvements associated with the LAVWMA pipeline expansion as approved by the public with the passage of Measure E in November, 2005.

The primary funding sources for wastewater collection and treatment systems are operating revenues from the Sewer Enterprise Fund and the City's sanitary sewer connection fee paid by new development. The expansion of the Water Reclamation Plant wastewater disposal capacity and the upsizing of pipes to serve new development are funded primarily from the sanitary sewer connection fee. Major maintenance and repairs at the Water Reclamation Plant and in the existing collection system are funded by operating revenues from the Sewer Enterprise Fund. Cost allocation between new development and existing users for projects is specified in the City's 2010 Wastewater Connection Fee Study.

Projects listed comply with the goals and policies of the City's General Plan, Downtown Specific Plan, the City's 2004 Sewer Master Plan Update, the City's 2010 Wastewater Connection Fee Study, Recycled Water Master Plan, and applicable state and federal standards. Additionally, improvements to the Water Reclamation Plant have been prioritized in the City's 2012 Water Reclamation Plant Master Plan.

City of Livermore
20-Year Capital Improvement Plan
Wastewater

PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
198815	Utility Master Planning	In Progress	1,864,009	55,000	210,000	30,000	30,000	30,000	2,000,000	4,219,009
199874	Sanitary Sewer Mainline Bottlenecks	Final Design	847,642	750,000	-	-	-	-	705,000	2,302,642
200444	Cogeneration Project at WRP	Not Started	362,030	-	300,000	4,675,000	-	-	-	5,337,030
200645	Wastewater Irrigation Incentive Program	In Progress	374,309	25,000	60,000	-	-	-	8,500,000	8,959,309
200848	WRP Electrical Distribution Improvements	In Progress	1,208,619	250,000	5,800,000	-	-	-	5,200,000	12,458,619
200873	Sewer System Renewal and Replacement	In Progress	3,842,605	300,000	300,000	300,000	300,000	300,000	4,800,000	10,142,605
201111	WRP Aeration Tank Modifications	Final Design	467,014	700,000	-	-	-	-	-	1,167,014
201112	Sewer Manhole Rehabilitation	Not Started	1,431	10,000	150,000	-	-	-	-	161,431
201213	WRP Rehabilitation and Process Improvements - 2015	In Progress	71,308	200,000	5,000,000	-	1,400,000	-	-	6,671,308
201403	Annual Sanitary Sewer Replacement 2014	Not Started	8,614	200,000	2,440,000	-	-	-	-	2,648,614
201414	Springtown Trunkline Replacement	Not Started	-	-	-	-	1,000,000	-	-	1,000,000
201442	WRP Long Term Renewal Replacement Schedule	Not Started	-	-	-	-	-	-	61,180,000	61,180,000
201503	Annual Sanitary Sewer Replacement 2015	Not Started	-	-	-	600,000	600,000	600,000	9,600,000	11,400,000
201519	WRP HVAC and Roofing Repairs	Not Started	-	5,000	900,000	-	-	-	-	905,000
201521	Storm and Sewer Lift Station Improvements	Not Started	-	-	-	540,000	-	-	-	540,000
201522	WRP Emergency Generator	Not Started	-	-	200,000	1,800,000	-	-	-	2,000,000
201523	WRP Aerated Grit System Improvements	Not Started	-	-	-	-	1,200,000	-	-	1,200,000
201618	WRP Phase II Aeration Tank Modifications	Not Started	-	-	300,000	2,100,000	-	-	-	2,400,000
201816	WRP Solids Capacity and Process Improvements	Not Started	-	-	-	-	-	-	4,900,000	4,900,000
201817	WRP UV System Replacement	Not Started	-	-	-	-	-	-	3,700,000	3,700,000
201818	WRP Biological Nutrient Removal Upgrades	Not Started	-	-	-	-	-	-	15,500,000	15,500,000
201819	WRP Odor Control	Not Started	-	-	-	-	-	-	1,400,000	1,400,000
201829	WRP Process Water Improvements	Not Started	-	-	-	-	800,000	-	-	800,000
201911	WRP Phosphorous Recovery System	Not Started	-	-	-	-	-	-	3,900,000	3,900,000
201912	WRP Miscellaneous Master Plan Projects	Not Started	-	-	-	-	-	-	330,000	330,000
Total Funding:			**$ 9,047,581**	**$ 2,495,000**	**$15,660,000**	**$10,045,000**	**$ 5,330,000**	**$ 930,000**	**$121,715,000**	**$165,222,581**
O&M Cost Estimate:			**$ -**	**$ 28,000**	**$ 39,000**	**$ 47,000**	**$ 47,000**	**$ 5,000**	**$ 2,302,000**	**$ 2,468,000**

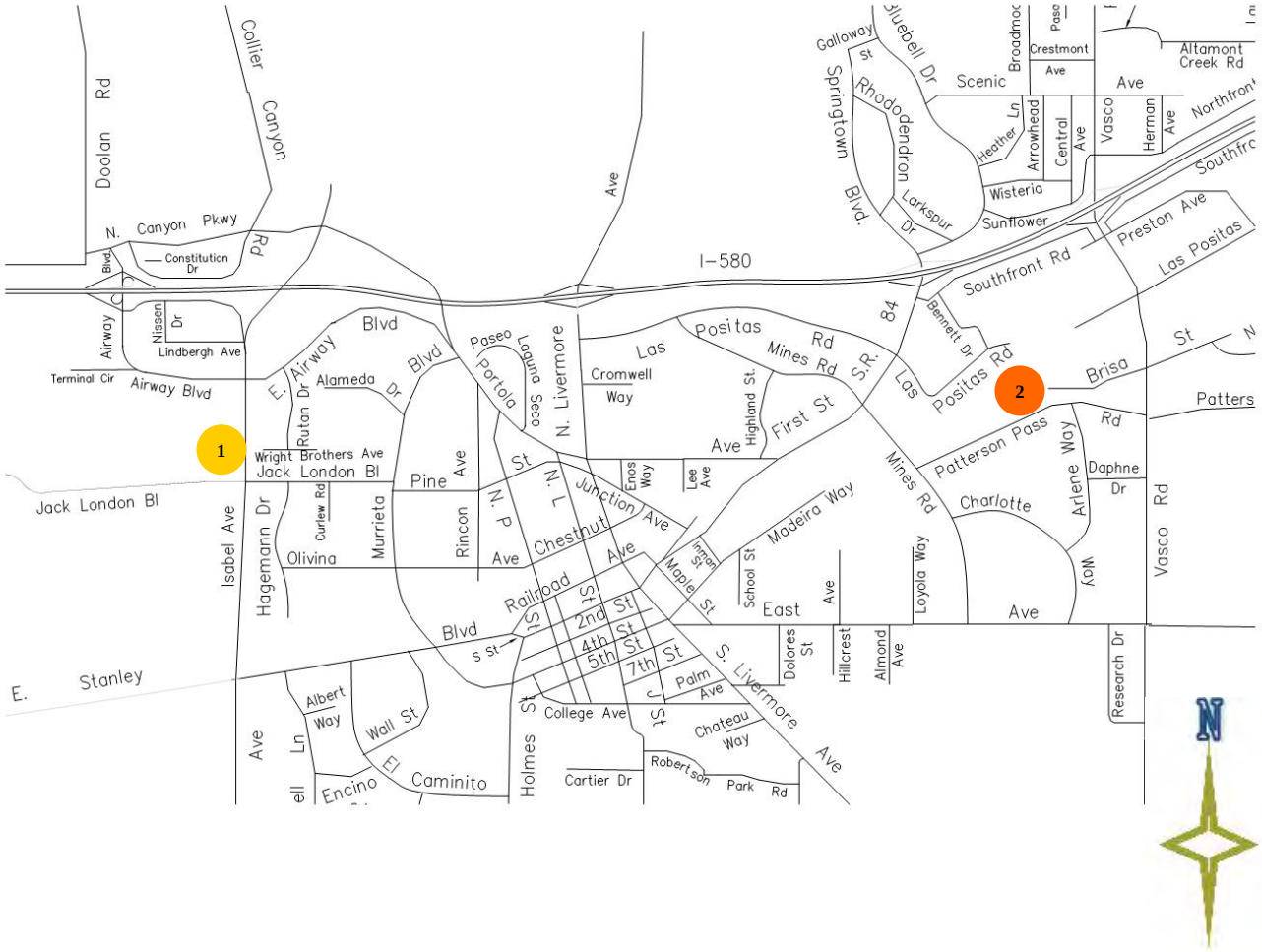
LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1 **WATER RECLAMATION PLANT (WRP) PROJECTS:**

- WRP HVAC AND ROOFING REPAIRS
- WRP ELECTRICAL DISTRIBUTION IMPROVEMENTS
- WRP AERATION TANK MODIFICATIONS
- WRP REHABILITATION AND PROCESS IMPROVEMENTS (2015)
- COGENERATION PROJECT AT WRP
- WRP EMERGENCY GENERATOR
- PHASE II AERATION TANK MODIFICATIONS

2 **SANITARY SEWER MAINLINE BOTTLENECKS**



CITYWIDE PROJECTS:

- SEWER MANHOLE REHABILITATION
- ANNUAL SANITARY SEWER REPLACEMENT (2014, 2015)
- UTILITY MASTER PLANNING
- SEWER SYSTEM RENEWAL AND REPLACEMENT
- STORM AND SEWER LIFT STATION IMPROVEMENTS
- WASTEWATER IRRIGATION INCENTIVE PROGRAM

CIP Name: Utility Master Planning

CIP No: 198815

Location: Citywide

Project Sponsor: PW - Treatment Plant

Status: In Progress

Project Description: Comprehensive utility master plan and fee study updates every five to ten years for sanitary sewer, storm drain, potable water, and recycled water utility systems and water reclamation plant. Update hydraulic models on an annual basis to reflect utility system expansion, approved land use changes, and updated calibration data.

Project Justification: These Utility Master Plans determine the scope and cost of utility improvements required to serve the proposed land use development projections in the approved 2003 General Plan and Downtown Specific Plan. The Utility Connection Fee Studies provide a mechanism for funding improvements. Annual hydraulic model updates allow the City to analyze the impacts of approved land use changes to the utility systems. Annual updates also decrease the cost of comprehensive master plan updates.

Project Funding: The Fund 251 FY 14/15 expenditure is for updating the Water Master Plan and the Water Connection Fee Study. The Fund 241 FY 14/15 exenditure is for updating the collection system hydraulic model and updating the Wastewater Connection Fee Study based on the projects identified in the 2012 Water Reclamation Plant Master Plan. The remaining expenditures are for normal hydraulic model updates.

O&M Cost Assumptions: There are no additional O&M costs associated with these studies

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
241 Sewer Connection Fees	$ 297,834	$ 10,000	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 800,000	$ 1,237,834
251 Water Connection Fees	280,012	30,000	100,000	10,000	10,000	10,000	600,000	1,040,012
308 Storm Drain	530,714	15,000	10,000	10,000	10,000	10,000	600,000	1,185,714
316	755,450	-	-	-	-	-	-	755,450
Total Funding:	**$ 1,864,009**	**$ 55,000**	**$ 210,000**	**$ 30,000**	**$ 30,000**	**$ 30,000**	**$ 2,000,000**	**$ 4,219,009**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sanitary Sewer Mainline Bottlenecks

CIP No: 199874

Location: Citywide

Project Sponsor: PW - Sewer Collections

Status: Final Design

Project Description: This project includes sewer trunkline upgrade projects in accordance with the recommendations of the 2004 Sewer Master Plan and the 2008 Bottleneck Evaluation Report. Expenditures in prior years are for Bottleneck Projects B16 and B21-B22 which involved upsizing approximately 1,300 linear feet of sewer pipelines on Crane Street, Lucille, and Joyce Streets. Expenditures for FY 13/14 and FY 14/15 are for design and construction of Bottleneck Projects B17-B20 (Brisa Court). Bottlenecks B2-B8 have been completed as part of Isabel Improvement Projects. Bottlenecks B23-B26 will be constructed as part of Annual Sewer Replacement Project 2014-03. Upon further evaluation Bottlenecks B1, B9, and B11-B13 do not need to be upsized. Out Year expenditures are for the remaining bottlenecks B10, B14-B15 and Sewer Pipeline Projects D4 (Alden Lane) and D5 (Arroyo Rd.) identified in the 2004 Sewer Master Plan.

Project Justification: These projects are required to keep pace with development, alleviate system capacity inadequacies, and bottlenecks. Implementation of these projects will ensure the continued safe conveyance of sewage and reduce current maintenance costs incurred by backups caused by the bottlenecks. Bottlenecks B17-B20 (Brisa Court) will be triggered by the development of the Brisa Neighborhood Plan. B14, B15 and D5 only need to be completed if the Veterans Administration Hospital connects to the sewer system.

Project Funding: The costs of sewer trunkline projects are divided between existing and future users based on the incremental need for the added capacity as outlined in the 2004 Sewer Master Plan.

O&M Cost Assumptions: There are no additional O&M costs associated with this replacement project

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 2,550	$ -	$ -	$ -	$ -	$ -	$ 5,000	$ 7,550
241 Sewer Connection Fees	845,092	750,000	-	-	-	-	700,000	2,295,092
Total Funding:	**$ 847,642**	**$ 750,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 705,000**	**$ 2,302,642**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Cogeneration Project at WRP

CIP No: 200444

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: This project is for the construction of a cogeneration system at the Water Reclamation Plant that will consume digester gas generated at the plant and produce electricity. Improvements consist of utility extenstions, site preparation, cogeneration system, and a methane gas cleaning system. Phase I will be an economic study of the feasibility of the project, including funding mechanisms.

Project Justification: The cogeneration system will provide around 60% of the Plant's power demands and generate annual total net savings of around $160,000 per year. This project supports the use of "clean" and "green" technology to meet some of the City's energy needs through renewable sources. The project will also reduce the amount of digester gas that is flared at the plant.

Project Funding: FY 15/16 funding is for the feasibility study. FY 16/17 funding consists of a potential PG&E Self Generation Incentive Program Grant of $2 million (Fund W) and City funds. The project will benefit both existing and future rate payers by reducing wastewater treatment energy costs. The City's cost is therefore split between sewer replacment fees (Fund 239) and sewer connection fees (Fund 241) based on the ratio of existing wastewater flows (7.0 MGD) and projected new flows due to development (2.4 MGD).

O&M Cost Assumptions: Estimated O&M costs are $100,000/year; however, factoring in energy savings there will be a total net savings of $160,000/year

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
W Future Grants Or Anticipated Revenue	$ -	$ -	$ -	$ 2,000,000	$ -	$ -	$ -	$ 2,000,000
230 Sewer	43,380	-	-	-	-	-	-	43,380
239 Water Resources Replcmnt	98,550	-	225,000	2,000,000	-	-	-	2,323,550
241 Sewer Connection Fees	210,100	-	75,000	675,000	-	-	-	960,100
259 Water Replacement	10,000	-	-	-	-	-	-	10,000
Total Funding:	**$ 362,030**	**$ -**	**$ 300,000**	**$ 4,675,000**	**$ -**	**$ -**	**$ -**	**$ 5,337,030**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Wastewater Irrigation Incentive Program

CIP No: 200645

Location: Citywide

Project Sponsor: PW - Treatment Plant

Status: In Progress

Project Description: This project implements an incentive program to encourage planning for sewer and wastewater facilities consistent with the policies outlined in the City's 2003 General Plan. Qualifying projects may include the development of recycled water or other untreated sources of irrigation water for vineyard and other cultivated agriculture and increased recycled water storage and disposal via agricultural irrigation and/or other uses. Resolution Number 2005-267 established this incentive program. Prior Years funding was for a Recycled Water Master Plan (RWMP). FY 2014/15 expenditures are for evaluating the feasibility of constructing a microturbine and pasteurization unit at the wastewater treatment plant. The microturbine would generate electricity and heat from the plant's digester gas. The heat would be used in the pasteuriztion unit to disinfect recycled water. FY 2015/16 expenditures are for testing and documenting the treatment plant's sustainable recycled water production capacity and developing an operations manual for the flocculation tank and filters.

Project Justification: This incentive program is consistent with Public Services Element Goals INF-1 and INF-2 in the 2003 General Plan. The program will afford an opportunity to develop irrigation water for agriculture, which will help protect and enhance open space and agricultural uses. The program will also encourage less dependence on treated water, thus furthering water conservation. The benefits of recycled water: conserves drinking water supplies; provides a dependable, drought proof, locally controlled water supply; reduces dependency on imported water; and helps preserve our saltwater and tidal habitat by reducing freshwater discharge to the Bay.

Project Funding: This program is funded by wastewater connection fees (Fund 241) as per Resolution Number 2005-267. Prior Years funding was for a Recycled Water Master Plan.

O&M Cost Assumptions: There are no O&M costs associated with the studies to date

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
241 Sewer Connection Fees	$ 374,309	$ 25,000	$ 60,000	$ -	$ -	$ -	$ 8,500,000	$ 8,959,309
Total Funding:	**$ 374,309**	**$ 25,000**	**$ 60,000**	**$ -**	**$ -**	**$ -**	**$ 8,500,000**	**$ 8,959,309**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP Electrical Distribution Improvements **CIP No:** 200848

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant **Status:** In Progress

Project Description: This project consists of upgrading the electrical distribution system at the City's Water Reclamation Plant as per the recommendations in the 2012 Water Reclamation Plant Master Plan. The first phase is complete and involved constructing ductbanks along the east side of the Water Reclamation Plant. The second phase involves replacing and upsizing the 21 KV switchgear and fuse sections, transformers, main 480 switchboards, and the feeder cables between the 21 KV switchgear, transformers, and switchboards. Improvements also include replacing the feeder cables between the new double ended 480V substation and critical motor control centers around the plant. Space will be provided in the new switchgear to accommodate future cogeneration equipment. The design will also allow a generator to be installed and hooked up to the switchgear in the future. Costs through FY 13/14 are for design of the first two phases, construction of the first phase, and replacement of two motor control centers in the tertiary building. FY 14/15 funding is for the construction of the second phase. Out year expenditures are for the third phase which involves replacing and upsizing the remaining older motor control centers and replacing feeders between the older motor control centers and connected field equipment.

Project Justification: The existing electrical distribution system at the Water Reclamation Plant is near the end of its service life and is undersized to provide reliable power for the future improvements identified in the Water Reclamation Plant Master Plan. Implementation of these improvements will provide reliable power for treatment of ultimate projected wastewater flows.

Project Funding: The first two phases involve improvements sized for ultimate loads. The costs are, therefore, split between existing rate payers (Fund 239) and development fees (Fund 241) based on the ratio of existing wastewater flows (7.1 MGD) and projected new flows due to development (2.4 MGD). Phase 3 work involves replacement of existing equipment and is therefore funded by existing rate payers (Fund 239).

O&M Cost Assumptions: These improvements replace existing equipment and ductbanks; therefore there is no increase in O&M costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 967,886	$ 250,000	$ 4,300,000	$ -	$ -	$ -	$ 5,200,000	$ 10,717,886
241 Sewer Connection Fees	240,733	-	1,500,000	-	-	-	-	1,740,733
Total Funding:	**$ 1,208,619**	**$ 250,000**	**$ 5,800,000**	**$ -**	**$ -**	**$ -**	**$ 5,200,000**	**$ 12,458,619**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Sewer System Renewal and Replacement

CIP No: 200873

Location: Sewer Treatment Plant

Project Sponsor: PW - Sewer Collections

Status: In Progress

Project Description: Annual renewal and replacement of Water Reclamation Plant and sewer collection system. Covers emergency replacement and repairs to short sections of sewer pipelines in the collection system. Also covers the replacement of equipment at the the plant such as valves, pumps, pipes, and electrical, instrumentation, and other mechanical equipment.

Project Justification: Repair, rehabilitate and/or replace Sewer Treatment Plant or collection system equipment and facilities in support of the Replacement Financing Study for Sanitary Sewer and Water Reclamation Plant Facilities.

Project Funding:

O&M Cost Assumptions: There are no additional O&M costs associated with these replacement projects

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 3,842,605	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 4,800,000	$ 10,142,605
Total Funding:	**$ 3,842,605**	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 4,800,000**	**$ 10,142,605**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP Aeration Tank Modifications

CIP No: 201111

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Final Design

Project Description: Upgrade and renovate aeration basins at Water Reclamation Plant per the recommendations in the 2012 Water Reclamation Plant Master Plan. This project is Phase 1 of the project and involves installing baffles and mixers in Aeration Basin No. 1 as well as making renovations such as replacing wash and spray water lines, diffusers, gates, and instrumentation. Phase 2 is Project 2016-18.

Project Justification: Aeration Basin No. 1 is currently out of service because it is not equipped with mixers and baffles and the diffusers, spray lines, and gates need to be replaced. The Phase 1 project will allow this basin to be put back on-line and serve as a back-up to Aeration Basin No. 2. The baffles and mixers will create an anaerobic zone in which beneficial treatment organisms can be established.

Project Funding: Upgrades to the basins, such as the baffles and mixers, are required to treat build-out flows and are, therefore, funded by wastewater connection fees (Fund 241). Basic renovations to the basins are funded by existing users (Fund 239). The overall split of the project is 60% Fund 239 and 40% Fund 241 per the 2012 Water Reclamation Plant Master Plan

O&M Cost Assumptions: Annual O&M costs are estimated at 1% of new construction (mixers, baffles, new blower, and automated gates)

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 290,676	$ 400,000	$ -	$ -	$ -	$ -	$ -	$ 690,676
241 Sewer Connection Fees	176,338	300,000	-	-	-	-	-	476,338
Total Funding:	**$ 467,014**	**$ 700,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,167,014**
O&M Cost Estimate:	**$ -**	**$ 5,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ -**	**$ 160,000**	**$ 195,000**

CIP Name: Sewer Manhole Rehabilitation **CIP No:** 201112

Location: Various Locations

Project Sponsor: PW - Sewer Collections **Status:** Not Started

Project Description: Install smart covers with level and flow sensors on high flow manholes throughout the City. Project includes associated wireless communications equipment to transmit and receive level information and alarms.

Project Justification: The smart covers will monitor sewage levels and flows in manholes where high flow levels have been observed in the field or indicated in the sewer system model. Field workers will receive alarms before these manholes overflow. These smart covers will reduce overflows and will help implement the City's Sewer System Monitoring Program.

Project Funding: These process improvements are funded by sewer replaement fees (Fund 239).

O&M Cost Assumptions: Maintenance costs for these field instruments are estimated at 4% of construction costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 1,431	$ 10,000	$ 150,000	$ -	$ -	$ -	$ -	$ 161,431
Total Funding:	**$ 1,431**	**$ 10,000**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 161,431**
O&M Cost Estimate:	**$ -**	**$ 3,000**	**$ 3,000**	**$ 6,000**	**$ 6,000**	**$ -**	**$ 96,000**	**$ 114,000**

CIP Name: WRP Rehabilitation and Process Improvements - 2015 **CIP No:** 201213

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant **Status:** In Progress

Project Description: This project consists of various high priority rehabilitation and process improvements at the City's Water Reclamation Plant which have been identified in the 2012 Water Reclamation Plant Master Plan Update. Major components include installing a second bar screen in the headworks, replacing the recycled water surge tank and 3 recycled water pumps, repairing and modifying the mixed liquor splitter box, replacing the mechanical equipment in Secondary Clarifier No. 2, increasing the capacity of the basin return pumps, replacing critical gates, installing a fourth screw pump, replacing the grit shed, installing a 2nd grit classifier, replacing all four hypochlorite tanks, repairing and expanding the RAS/WAS building, replacing the filter backwash piping, automating the UV controls, replacing the primary covers and other minor repairs.

Project Justification: These improvements will increase the efficiency and reliability of process operations at the Plant. New infrastructure is sized for future build-out flows. Replacing structurally unsound infrastructure improves safety at the plant. The second bar screen will provide required redundancy when the existing bar screen is being serviced. The recycled water surge tank, the mechanical equipment in Secondary Clarifier No. 2, and the hypochlorite tanks are at the end of their service life and need to be replaced. The mixed liquor box is leaking and needs to be repaired. Increasing the capacity of the basin return pumps will reduce the amount of time partially treated wastewater is stored in the peaking basin, which will reduce odors at the Plant. Many of the critical gates are difficult to operate and need to be replaced. The 2nd grit classifier and the 4th screw pump will provide redunancy and help treat peak flows. The grit shed and RAS/WAS building are structurally unsound and need to be replaced.

Project Funding: Funding is based on the cost allocations listed in the 2012 Water Reclamation Plant Master Plan Update. Replacement costs and costs for efficiency improvements are funded by sewer replacement fees (Fund 239). Costs for new infrastructure needed to provide capacity for flow increases are funded by sewer connection fees (Fund 241). FY 17/18 funding is for the second bar screen and fourth screw pump.

O&M Cost Assumptions: Maintenance costs are estimated at 2% of the construction costs of new mechanical infrastructure.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 71,308	$ 200,000	$ 4,000,000	$ -	$ -	$ -	$ -	$ 4,271,308
241 Sewer Connection Fees	-	-	1,000,000	-	1,400,000	-	-	2,400,000
Total Funding:	**$ 71,308**	**$ 200,000**	**$ 5,000,000**	**$ -**	**$ 1,400,000**	**$ -**	**$ -**	**$ 6,671,308**
O&M Cost Estimate:	**$ -**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ 320,000**	**$ 400,000**

CIP Name: Annual Sanitary Sewer Replacement 2014 **CIP No:** 201403

Location: Citywide

Project Sponsor: PW - Sewer Collections **Status:** Not Started

Project Description: Annual sanitary sewer replacement and repair project at various locations throughout the City. This project combines four years of sewer replacement work. General sewer replacement locations include 4th/Madiera/School (Wood to Pestana), Pestana (School to Jensen), Jensen (East to Pestana), Yale Way (Estates to Hillcrest and Jesen to Estates), California Way (east of Hillcrest), Stanford Way (Estates to Hillcrest), Hillcrest at Findlay, and Dartmouth (Estates to Jensen). All roads will be slurry sealed after the sewer is replaced except Yale (Jensen to Estates) and Stanford (Estates to Hillcrest) which will be overlayed.

Project Justification: This project reduces the potential for sewer overflows by repairing deteriorated sanitary sewer lines that require on-going maintenance. As part of this project, sewers are inspected in streets that are going to be overlayed and if necessary they are repaired or replaced prior to roadwork. This reduces trenching in newly overlayed streets. Upsizing the sewer on 4th/Madiera/School is identified as Bottleneck Projects B23-B26 in the 2004 Sewer Master Plan and is required to provide capacity for future development.

Project Funding: Replacement of sewer infrastructure and slurry seal repair is funded by sewer replacement fees (Fund 239). Upsizing the sewer on 4th/Madiera/School is funded by wastewater connection fees (Fund 241). Overlay costs are split between Fund 344 and Fund 650.

O&M Cost Assumptions: There are no additional O&M costs associated with this replacement project.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ 8,614	$ 200,000	$ 2,000,000	$ -	$ -	$ -	$ -	$ 2,208,614
241 Sewer Connection Fees	-	-	300,000	-	-	-	-	300,000
344 S W & R Impact Fee	-	-	70,000	-	-	-	-	70,000
650 Gas Tax Prop 111	-	-	70,000	-	-	-	-	70,000
Total Funding:	**$ 8,614**	**$ 200,000**	**$ 2,440,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,648,614**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Springtown Trunkline Replacement

CIP No: 201414

Location: Between I-580 and Springtown

Project Sponsor: PW - Sewer Collections

Status: Not Started

Project Description: Replace approximately 2,400 linear feet of sewer trunkline between I-580 and Springtown in conjunction with construction of Catholic High School. Relocate trunkline away from the creek along the proposed bike trail and along the bottom of the proposed new road.

Project Justification: The 30-inch diameter sewer trunkline between I-580 and Springtown is made of reinforced concrete pipe and was installed 50 years ago. This type of pipe is subject to corrosion in sewer systems and life expectency is only 50 years. The trunkline is located along the meandering Arroyo Las Positas so that flooding could potentially impact the trunkline. Access is also extremely limited in this area. This project involves installing a corrosion resistant trunkline away from the creek in a proposed trail near Springtown and along the bottom of the proposed road near I-580.

Project Funding: Sewer replacement funds (Fund 239) fund this project.

O&M Cost Assumptions: There are no additional O&M costs associated with this replacement project.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ 1,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP Long Term Renewal Replacement Schedule

CIP No: 201442

Location: Various Water Facilities

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: This project provides funding for long-term renewal/replacement of equipment and structures at the Water Reclamation Plant and throughout the the sanitary sewer collection system as identified in the Replacement Financing Study for Sanitary Sewer and Water Reclamation Plant Facilities.

Project Justification: The Replacement Financing Study identifies a comprehensive list of equipment and facilities that must be replaced before the end of their useful lives to continue operations at the Water Reclamation Plant. As replacement projects are scheduled each year they will be removed from this CIP project worksheet and programmed with an individual CIP Project Number. Funding for long-term renewal/replacement projects is included in existing and future sewer rates. The City currently owns sewer assets valued at over $385,000,000.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 61,180,000	$ 61,180,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 61,180,000**	**$ 61,180,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Annual Sanitary Sewer Replacement 2015

CIP No: 201503

Location: Citywide

Project Sponsor: PW - Sewer Collections

Status: Not Started

Project Description: Annual sanitary sewer replacement and repair project at various locations throughout the City.

Project Justification: This project reduces the potential for sewer overflows by repairing deteriorated sanitary sewer lines that require on-going maintenance. As part of this project, sewers are inspected in streets that are going to be overlayed and if necessary they are repaired or replaced prior to roadwork. This reduces trenching in newly overlayed streets.

Project Funding: Replacement and repair of sewers is funded by sewer replacement fees (Fund 239).

O&M Cost Assumptions: There will be no increase in O&M costs for this replacement project.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ 600,000	$ 600,000	$ 600,000	$ 9,600,000	$ 11,400,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 600,000**	**$ 600,000**	**$ 600,000**	**$ 9,600,000**	**$ 11,400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP HVAC and Roofing Repairs

CIP No: 201519

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: HVAC and roofing repairs for buildings at the Water Reclamation Plant. Replace HVAC system in administration building, maintenance building, tertiary building, and MCC room in digester building. Replace ventilation system in belt press room. Reroof maintenance building and tertiary building.

Project Justification: The HVAC systems in these building are at the end of their service lives, are not energy efficient, and do not provide sufficient cooling in the electrical rooms. Recent inspections revealed that the roofs on the maintenance building and tertiary building are showing signficiant wear and need to be replaced.

Project Funding: These maintenance projects are funded by sewer replacement fees (Fund 239).

O&M Cost Assumptions: There will be no increase in O&M costs for this replacement project.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ 5,000	$ 900,000	$ -	$ -	$ -	$ -	$ 905,000
Total Funding:	**$ -**	**$ 5,000**	**$ 900,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 905,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Storm and Sewer Lift Station Improvements **CIP No:** 201521

Location: Various Locations

Project Sponsor: PW - Sewer Collections **Status:** Not Started

Project Description: Electrical improvements at sewer and storm lift stations. Replace pumps and install flowmeter vault and emergency generator at Airport Sewer Lift Station. Replace antenna, pole, and PLC at Murrieta, P Street, and L Street Storm lift stations. Replace antenna pole at Airway Water Pump Station. Upgrade to 480 volt pumps at P Street and L Street storm lift stations and install generator hook-up plugs.

Project Justification: The Airport Sewer Lift Station is the only sewer lift station without an emergency generator. Installation of the generator will ensure continued operation during a power outage. The pumps are at the end of their service lives and need to be replaced. Installation of the flow meter vault will help track pump performance. Tree growth around the storm lift stations is blocking communication from the existing antennas. They need to replaced and extended. The PLCs at all of the storm lift stations are outdated and need to be replaced. The pumps at the P Street and L Street storm lift stations are at the end of their service lifes. Upgrading to 480 volt motors will reduce power costs.

Project Funding: Modifications at the sewer lift station are funded by sewer replacement funds (Fund 239). Improvements at the storm lift stations are funded by stormwater users (Fund 240).

O&M Cost Assumptions: O&M costs for the generator and flow meter vault are calculated at $2,000 per year.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ 280,000	$ -	$ -	$ -	$ 280,000
240 Stormwater User	-	-	-	260,000	-	-	-	260,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ 540,000**	**$ -**	**$ -**	**$ -**	**$ 540,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ -**	**$ 32,000**	**$ 38,000**

CIP Name: WRP Emergency Generator **CIP No:** 201522

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant **Status:** Not Started

Project Description: Install emergency generator at Water Reclamation Plant that will provide emergency power for all electrical loads. Phase II of the WRP Electrical Distribution Improvements Project 2008-48 needs to be completed before the generator can be installed.

Project Justification: The emergency generator will allow the Water Reclamation Plant to sustain wastewater treatment during a power outage and keep the biological systems active and alive. This is one of the high priority projects identified in the 2012 Water Reclamation Plant Master Plan. The Regional Water Quality Control Board has also recommended that an emergency generator should be installed at the plant.

Project Funding: The emergency generator will be sized for ultimate power loads, therefore, the cost is split between existing users (Fund 239) and future users (Fund 241) based on the ratio of existing flows (7.0 MGD) and projected additional flows due to new new development (2.4 MGD). FY 15/16 funding is for a feasability study and FY 16/17 funding is for final design and construction.

O&M Cost Assumptions: O&M costs associated with testing and repair of the emergency generator are estimated at $4,000 per year

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ 150,000	$ 1,350,000	$ -	$ -	$ -	$ 1,500,000
241 Sewer Connection Fees	-	-	50,000	450,000	-	-	-	500,000
Total Funding:	**$ -**	**$ -**	**$ 200,000**	**$ 1,800,000**	**$ -**	**$ -**	**$ -**	**$ 2,000,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ 4,000**	**$ 4,000**	**$ 4,000**	**$ -**	**$ 64,000**	**$ 76,000**

CIP Name: WRP Aerated Grit System Improvements

CIP No: 201523

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Replace the aerated grit removal system with either a vortex or headcell grit removal system.

Project Justification: The existing aerated grit basins are over 50 years old and are not as efficient as other newer grit removal technologies. The grit that is not removed can settle in other treatment systems and damage pipes and equipment. New systems remove more soluble BOD which will become necessary if new regulations require biological nutrient removal.

Project Funding: The new grit removal system would be sized for ultimate loads. The cost is, therefore, split between existing users (Fund 239) and future users (Fund 241) based on the ratio of existing flows (7.0 MGD) and projected additional flows due to new new development (2.4 MGD).

O&M Cost Assumptions: There would be no increase in O&M costs for this replacement project.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ 900,000	$ -	$ -	$ 900,000
241 Sewer Connection Fees	-	-	-	-	300,000	-	-	300,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,200,000**	**$ -**	**$ -**	**$ 1,200,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP Phase II Aeration Tank Modifications

CIP No: 201618

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Phase II of the WRP Aeration Tank project which will upgrade and renovate aeration basins at the Water Reclamation Plant per the recommendations in the 2012 Water Reclamation Plant Master Plan. Phase I is Project Number 2011-11. Phase II consists of evaluating the efficiency and reliability of the entire aeration system. The project includes structural repairs to both basins, installing a transer pump between the basins, potentially upgrading diffusers in both basins and installing a 4th blower, replacing instrumentation, gates and spray and wash lines in Aeration Basin No. 2, and potentially automating all gates in both basins so that the system can be run in step feed mode.

Project Justification: The walls in both basins are cracked in multiple locations and need to be repaired. The piping and instrumentation in Aeration Basin No. 2 is at the end of its service life and needs to be replaced. A transer pump will transer contents when operations shuts down one basin and starts up the other basin. The intent of the project is also to consider installing new diffusers and potentially a new blower that will reduce long-term energy and maintenance costs.

Project Funding: Upgrades to the basins required to treat build-out flows are funded by wastewater connection fees (Fund 241). Basic renovations are funded by existing users (fund 239). The overa split of Phase 1 and 2 projects is 60% Fund 239 and 40% Fund 241 per the 2012 Water Reclamation Plant Master plan. FY 15/16 funding is for structural repairs to Basin 2. FY 16/17 funding is for the remaining work.

O&M Cost Assumptions: Annual O&M Costs are estimated at 1% of new construction (new blower and automated gates)

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ 300,000	$ 1,200,000	$ -	$ -	$ -	$ 1,500,000
241 Sewer Connection Fees	-	-	-	900,000	-	-	-	900,000
Total Funding:	**$ -**	**$ -**	**$ 300,000**	**$ 2,100,000**	**$ -**	**$ -**	**$ -**	**$ 2,400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 80,000**	**$ 95,000**

CIP Name: WRP Solids Capacity and Process Improvements

CIP No: 201816

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Solids treatment system capacity and process improvements recommended in the 2012 Water Reclamation Plant Master Plan Update. Improvements include converting the abandoned DAFT unit into a gravity thickener, constructing a new second gravity thickener, evaluating polymer optimization and dewatering technologies, and potentially replacing the belt filter presses with centrifuges.

Project Justification: The gravity thickeners will increase the solids content of secondary sludge which will decrease the quantity of sludge pumped to the digesters. With the addition of the gravity thickeners the existing digesters will be able to handle future build-out flows. Final dewatering performance can be improved if the existing belt filter presses are replaced with equipment that can achieve higher sludge solids content. This will reduce hauling costs. The existing equipment is also nearing the end of its service life and needs to be replaced in the next 10 years.

Project Funding: Capacity improvements are funded by wastewater connection fees (Fund 241) and replacement and process improvement costs are funded by wastewater replacement fees (Fund 239).

O&M Cost Assumptions: Annual O&M costs associated with the new gravity thickeners are estimated at 1% of the constuction cost with a midpoint of construction in 2022.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,900,000	$ 1,900,000
241 Sewer Connection Fees	-	-	-	-	-	-	3,000,000	3,000,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,900,000**	**$ 4,900,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 420,000**	**$ 420,000**

CIP Name: WRP UV System Replacement

CIP No: 201817

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Replace Ultra Violet (UV) disinfection system with improved automatic cleaning system with the capability to control the target delivered UV dosage based on flow and transmittance variations. This project is identified in the 2012 Water Reclmation Plant Master Plan.

Project Justification: The existing UV system requires extensive cleaning due to biological growth build up on the bulbs. The system is also 10 years old. New systems require less maintenance and are more energy efficient. The economics will be analyzed as the system ages and ultimately the system will be replaced.

Project Funding: Sewer replacement fees (Fund 239) will fund this infrastructure replacement project.

O&M Cost Assumptions: There will be no increase in O&M costs for this replacement project

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,700,000	$ 3,700,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,700,000**	**$ 3,700,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP Biological Nutrient Removal Upgrades

CIP No: 201818

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Convert the existing activated sludge system at the Water Reclamation Plant to a biological nutrient removal (BNR) process for total phosphorous and total nitrogen reduction. Improvements would include modifying the existing two aeration basins to form a 3 stage BNR system, removing the abandoned trickling filters, constructing two new BNR basins and a new blower building. This project is identified in the 2012 Water Reclamation Plant Master Plan.

Project Justification: It is anticipated that California will adopt state-wide nutrient removal criteria in the next 10 years. The existing activated sludge system at the Water Reclamation Plant will need to be converted into a biological nutrient removal system when these regulations are implemented. The intent is to reduce the discharge of nutrients into receiving waters because these nutrients can cause excessive algae levels and can cause low disolved oxygen conditions.

Project Funding: The BNR process would be sized for ultimate flows. The cost is, therefore, split between existing users (Fund 239) and future users (Fund 241) based on the ratio of existing flows (7.0 MGD) and projected additional flows due to new new development (2.4 MGD).

O&M Cost Assumptions: Annual O&M costs are estimated as only 0.5% of the construction cost because most of the improvements are structural and not mechanical. Construction is assumed in 2021.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,600,000	$ 11,600,000
241 Sewer Connection Fees	-	-	-	-	-	-	3,900,000	3,900,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 15,500,000**	**$ 15,500,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 720,000**	**$ 720,000**

CIP Name: WRP Odor Control

CIP No: 201819

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Provide additional odor control at several locations in the plant as outlined in 2012 Water Reclamation Plant Master Plan. Improvements include adding chemicals to flow entering the emergency holding basin to suppress odors and constructing an odor control system with a biotower, ducts, and fan for the solids handling building.

Project Justification: Raw wastewater in the emergency holding basin and sludge in the solids handling building are an existing source of odor emanating from the Water Reclamation Plant. Additionally the gaseous hydrogen sulfide is corroding some of the metal surfaces in the solids handling building. These odor control systems will reduce odors and corrosion problems.

Project Funding: Funding for these process improvements is from sewer replacement fees (Fund 239).

O&M Cost Assumptions: Annual O&M costs are estimated as 1% of the construction cost with a midpoint of construction in 2023.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,400,000	$ 1,400,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,400,000**	**$ 1,400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 110,000**	**$ 110,000**

CIP Name: WRP Process Water Improvements **CIP No:** 201829

Location: Water Reclamation Plant

Project Sponsor: Public Works **Status:** Not Started

Project Description: The Water Reclamation Plant currently uses recycled water for plant process water and landscape irrigation. This project will convert plant process water to disinfected secondary effluent and maintain the use of recycled water for landscape irrigation. Improvements will include constructing a pump station at the chlorine contact tank and connecting pipelines to the plants process water system. A new recycled water service line will also need to be constructed from the recycled water line in West Jack London Blvd. to the plants irrigation systems so that landscaped areas can continue using recycled water.

Project Justification: The Water Reclamation Plant currently uses around 600,000 gallons per day of recycled water for process water. Converting to secondary effluent will reduce energy and chemical costs associating with filtering and pumping the recycled water. The project will also increase the amount of recycled water available for landscape irrigation and other uses that offset potable water.

Project Funding: This is a plant process improvement project that will reduce operation costs and is therefore funded with Sewer Replacement fees (Fund 239).

O&M Cost Assumptions: Energy and chemical costs will be reduced. The unfiltered process water could increase costs to maintain the sprays. Overall O&M costs will be reduced around $150,000 per year.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ 800,000	$ -	$ -	$ 800,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 800,000**	**$ -**	**$ -**	**$ 800,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: WRP Phosphorous Recovery System

CIP No: 201911

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Construction of phosphorus recovery system at the Water Reclamation Plant such as a multi-form harvest fluidized bed reactor cone that removes phosphorus from digesting sludge. This project was identified in the 2012 Water Reclamation Plant Master Plan.

Project Justification: The Water Reclamation Plant currently experiences problems with struvite formation in the digester pipes. Removing phosphorus from the sludge will eliminate the formation of the struvite in plant pipes and greatly improve process operations and reduce maintenance costs. The recovered phosphorus can be sold as fertilizer.

Project Funding: Funding for these process improvements is from sewer replacement fees (Fund 239).

O&M Cost Assumptions: Annual O&M costs are estimated as 1% of the construction cost with a midpoint of construction in 2023.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,900,000	$ 3,900,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,900,000**	**$ 3,900,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ 300,000**

CIP Name: WRP Miscellaneous Master Plan Projects

CIP No: 201912

Location: Water Reclamation Plant

Project Sponsor: PW - Treatment Plant

Status: Not Started

Project Description: Miscellaneous structural, coating, and mechanical projects identified in the 2012 Water Reclamation Plant Master Plan Update and not covered in any of the other Capital Improvement Projects. Improvements include repairing structural cracks in concrete structures, seismic tank and piping upgrades, and replacing some older valves.

Project Justification: Cracks in concrete should be repaired to extend the life of the structures. Seismic upgrades will reduce the risk of tank failures during an earthquake.

Project Funding: Sewer replacement fees (Fund 239) will fund this infrastructure replacement project.

O&M Cost Assumptions: There will be no increase in O&M costs for this replacement project.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
239 Water Resources Replcmnt	$ -	$ -	$ -	$ -	$ -	$ -	$ 330,000	$ 330,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 330,000**	**$ 330,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Water – Introductory Comments

The City of Livermore is the water retailer in the northwest, northeast, and east portions of the City. The central and southern parts of the City are served by a private water purveyor, the California Water Service Company. The City produces and distributes recycled water to the northwest section of the City and to eastern Pleasanton. In the 2015-17 Capital Improvement Program the Water System Rehabilitation and Repair is the only project funded. This project will recoat the interior of the Dalton Water Tank and make minor improvements to the tank, replace pumps at the Airway Water Pump Station, make electrical repairs at the Altamont Water Pump Station and Altamont Water Tanks and telemetry upgrades for an automated water meter reading technology. Future Water projects included in the 20-year Capital Improvement Plan include a number of projects to enhance the capacity of the City's existing water storage, to improve the water distribution system to enhance fire-fighting capabilities, to repair existing transmission pipes, and to upgrade security for the water system facilities. This program also provides credits to private development for oversizing of water pipelines for the ultimate condition.

Projects are funded using Water User and Water Connection fees charged on new development. Water storage facilities and transmission system improvements that are needed to serve new development are financed through the Water Connection fee. Major maintenance and repairs to the City's pumps, water tanks, and distribution system are funded by operating revenues of the Water Enterprise Fund.

Projects listed comply with the goals and policies of the City's General Plan, Downtown Specific Plan, the City's 2004 Water Master Plan, the City's 2010 Water Connection Fee Study, the City's 2013 Recycled Water Master Plan and applicable state and federal standards. Cost allocation between new development and existing users for projects is specified in the City's 2010 Water Connection Fee Study.

City of Livermore
20-Year Capital Improvement Plan
Water

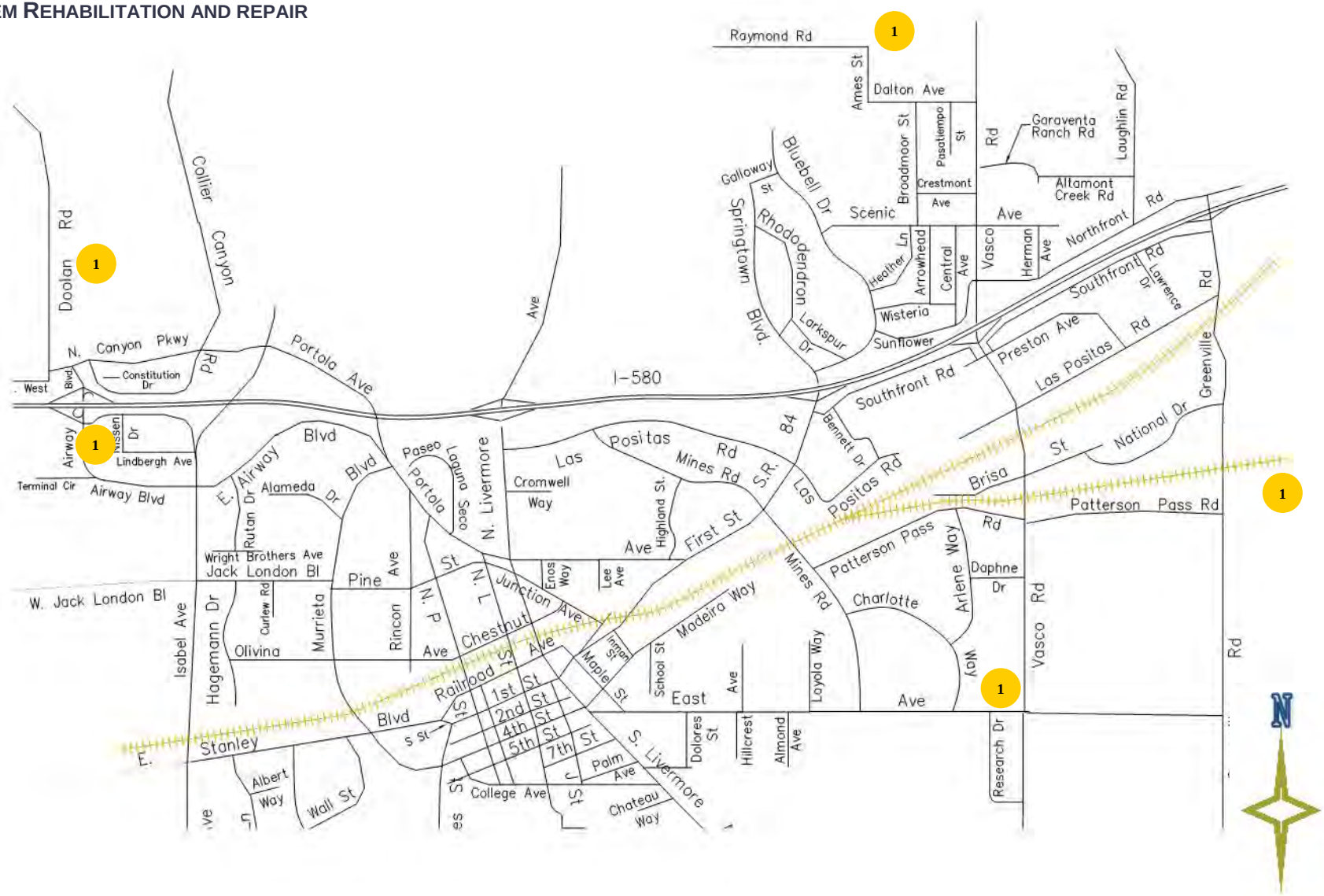
PROJECT FUNDING & COST ESTIMATE

Project No.	Project Name	Project Status	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
199655	Trevarno Pump Station Replacement	Not Started	15,820	-	-	-	-	-	950,000	965,820
199883	Zone 2 Potable Water Storage Tank	Not Started	78,710	-	-	-	-	-	11,000,000	11,078,710
199884	Zone 3 Potable Water System Improvements	Not Started	7,038,870	-	-	-	-	-	12,000,000	19,038,870
199885	Southfront & l-580 Waterline Crossing	Not Started	-	-	-	-	-	-	1,953,000	1,953,000
200724	Northfront Rd Water Turnout	Not Started	11,250	-	-	-	-	-	290,000	301,250
201412	Doolan Canyon Rd Waterline	Not Started	-	-	-	-	-	-	1,400,000	1,400,000
201443	Water System Renewal Replacement Schedule	Not Started	-	-	-	-	-	-	59,396,000	59,396,000
201619	Water System Rehabilitation and Repair	Not Started	-	-	950,000	-	-	-	-	950,000
Total Funding:			**$ 7,144,650**	**$ -**	**$ 950,000**	**$ -**	**$ -**	**$ -**	**$ 86,989,000**	**$ 95,083,650**
O&M Cost Estimate:			**$ 1,085,400**	**$ 165,000**	**$ 165,000**	**$ 166,000**	**$ 166,000**	**$ 1,000**	**$ 3,638,000**	**$ 5,386,400**

LOCATION MAP LEGEND

PROJECTS FUNDED 14/15 - 16/17

1 **WATER SYSTEM REHABILITATION AND REPAIR**



CIP Name: Trevarno Pump Station Replacement **CIP No:** 199655

Location: Trevarno Pump Station

Project Sponsor: Community Development **Status:** Not Started

Project Description: Replace and reorient the existing corrugated metal pump station building with a concrete block building, replace all the pumps and electrical equipment, and install a chain hoist, ventilation system and an emergency generator.

Project Justification: The pump station is 40 years old and is nearing the end of its service life. The new thick-walled concrete block building will be more secure than the existing thin-walled corrugated metal building. The chain hoist, ventilation system, and emergency generator will allow safer and more reliable operation of the potable water system. Reorientation of the pump station will create the necessary right-of-way width between the south side of the facility and the railroad tracks for the future extension of the Iron Horse Trail. Park Facility Fees (Fund 337) will fund the relocation of pipes and mechanical and electrical equipment which is necessary for future construction of the Iron Horse Trail. Existing water user fees (Fund 259) will fund the remaining improvements which are split between equipment replacement (70) and process improvements (30).

Project Funding: Park Facility Fees (Fund 337) will fund the relocation of pipes and mechanical and electrical equipment which is necessary for future construction of the Iron Horse Trail. Existing water user fees (Fund 259) will fund the remaining improvements which are split between equipment replacement (70%) and process improvements (30%).

O&M Cost Assumptions: This is a replacement project, there will be no increase in O&M costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
250 Water	$ 15,820	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,820
259 Water Replacement	-	-	-	-	-	-	650,000	650,000
337 Park Fee - AB 1600	-	-	-	-	-	-	300,000	300,000
Total Funding:	**$ 15,820**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 950,000**	**$ 965,820**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Zone 2 Potable Water Storage Tank **CIP No:** 199883

Location: Zone 2 Potable Water System

Project Sponsor: Community Development **Status:** Not Started

Project Description: Construct a new 6.0 million gallon (MG) water reservoir and associated transmission mains as per the 2004 Water Master Plan. The project allocates 33% (1/3) of the cost to existing users based on an existing storage deficiency of 2.0 million gallons as outlined in the 2004 Water Master Plan.

Project Justification: These improvements will enhance public safety by providing required operational, emergency, and fire storage for ultimate growth in the Zone 2 service area. This project will also ensure continued efficient water supply as demand grows in Pressure Zone 2. Annual maintenance and operating costs are assumed to be $30,000 per year for the reservoir, with a construction midpoint of 2020.

Project Funding: The project allocates 33% (1/3) of the cost to existing users based on an existing storage deficiency of 2.0 million gallons as outlined in the 2004 Water Master Plan.

O&M Cost Assumptions: Annual maintenance and operating costs are assumed to be $30,000 per year for the reservoir, with a construction midpoint of 2020.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
251 Water Connection Fees	$ 78,710	$ -	$ -	$ -	$ -	$ -	$ 7,330,000	$ 7,408,710
259 Water Replacement	-	-	-	-	-	-	3,670,000	3,670,000
Total Funding:	**$ 78,710**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 11,000,000**	**$ 11,078,710**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 420,000**	**$ 420,000**

CIP Name: Zone 3 Potable Water System Improvements **CIP No:** 199884

Location: Zone 3 Potable Water System

Project Sponsor: Community Development **Status:** Not Started

Project Description: Prior year expenditures are for the following improvements: new 5 million gallon potable water reservoir next to 3.0 million gallon Altamont Reservoir, new transmission main between new reservoir and Greenville Rd., new suction pipeline and Zone 7 Livermore Turnout #10 between Patterson Pass Road and the Altamont Pump Station, Altamont Pump Station expansion and emergency generator installation, relocation of two pressure reducing valves, new transmission main in Northfront Road between Pleasant Ave. and Laughlin Road. Out years expenditures are for an additional 6.5 million gallon Zone 3 reservoir and associated pipelines.

Project Justification: Proposed improvements are required to meet ultimate storage demands and ultimate future pumping/transmission requirements and will also greatly enhance system reliability in the Pressure Zone 3 Water System - all in accordance with the City's 2004 Water Master Plan.

Project Funding:

O&M Cost Assumptions: Annual maintenance and operating cost assumptions: Phase 1 Prior Year $30,000/year reservoir; $30,000/year pump station, $100,000/year pumping, 10,500 L.F. x $0.40/LF = $4,200/year pipeline. Totals $165,000/year. Phase 2 additional $30,000/year for reservoir with an assumed construction date of 2025.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
241 Sewer Connection Fees	$ 10	$ -	$ -	$ -	$ -	$ -	$ -	$ 10
251 Water Connection Fees	2,105,900	-	-	-	-	-	10,900,000	13,005,900
259 Water Replacement	-	-	-	-	-	-	1,100,000	1,100,000
314 LAVTA-NON CITY	4,932,960	-	-	-	-	-	-	4,932,960
Total Funding:	**$ 7,038,870**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 12,000,000**	**$ 19,038,870**
O&M Cost Estimate:	**$ 1,082,400**	**$ 165,000**	**$ 165,000**	**$ 165,000**	**$ 165,000**	**$ -**	**$ 2,850,000**	**$ 4,592,400**

CIP Name: Southfront & l-580 Waterline Crossing **CIP No:** 199885

Location: Southfront Rd., Commerce to McGraw

Project Sponsor: Community Development **Status:** Not Started

Project Description: Water Master Plan Project W2-1:Upsize an existing 8-inch water line beginning 700 ft. east of McGraw Ave. on Southfront Rd., running along Southfront Rd., Franklin Ln. and Preston Ave., to Turnout No. 8 at Preston Ave. and Vasco Rd. Upsize waterline crossing under I-580 at Central Ave. Project allocates 90% of costs to future users as outlined in the 2004 Water Master Plan and 2004 Water Connection Fee Study. The estimated project cost is $1,082,000.Water Master Plan Project W3-1:Upsize an existing 8-inch water line on Southfront Rd. between Commerce Way and Preston Ave. Upsize existing 6-inch line on Pleasant Ave. south of Northfront Rd. Abandon water line crossing under I-580 at Herman Ave. Project allocates 45% of costs to future users as outlined in the 2004 Water Master Plan and 2004 Water Connection Fee Study. The estimated project cost is $871,000.

Project Justification: Upsized water lines will alleviate existing fire flow deficiencies. New lines will be sized for ultimate demands as per the 2004 Sewer Master Plan. The cost of the project is divided between existing and future users based on the incremental need for the added capacity.

Project Funding:

O&M Cost Assumptions: Annual maintenance and operating costs are assumed to be 1% of the total infrastructure cost estimate of $1,950,000 with an assumed construction date of 2018.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
251 Water Connection Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,365,750	$ 1,365,750
259 Water Replacement	-	-	-	-	-	-	587,250	587,250
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,953,000**	**$ 1,953,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 312,000**	**$ 312,000**

CIP Name: Northfront Rd Water Turnout **CIP No:** 200724

Location: Northfront Road

Project Sponsor: Community Development **Status:** Not Started

Project Description: Construct new potable water turnout off of Zone 7 Agency's new Altamont Pipeline in front of the City's potable water pump station. Zone 7 Water Agency will construct this turnout as part of their Altamont Pipeline project. City will reimburse Zone 7 for engineering, administration, and construction costs associated with the new turnout. Zone 7 has no immediate plans to install the new pipeline, so this turnout project is currently funded in the Out Years.

Project Justification: The new turnout will increase pressures in the City's distribution system and reduce pumping costs on the eastern side of the City by an estimated $80,000 per year.

Project Funding: City will reimburse Zone 7 for engineering, administration, and construction costs associated with the new turnout. Zone 7 has no immediate plans to install the new pipeline, so this turnout project is currently funded in the Out Years.

O&M Cost Assumptions: Zone 7 Water Agency will own and maintain the turnout. There will not be any City O&M costs.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
259 Water Replacement	$ 11,250	$ -	$ -	$ -	$ -	$ -	$ 290,000	$ 301,250
Total Funding:	**$ 11,250**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 290,000**	**$ 301,250**
O&M Cost Estimate:	**$ 3,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,000**

CIP Name: Doolan Canyon Rd Waterline **CIP No:** 201412

Location: Doolan Canyon Rd

Project Sponsor: Community Development **Status:** Not Started

Project Description: Approximately 20 property owners off of Doolan Canyon Road outside the City's existing Zone 1 potable water system boundary have expressed interest to pay for a potable water line extension approximately 2 miles up Doolan Road north of the Zone 1 potable water tank access road. Estimated expenditures include water line design, construction, inspection and connection fees.

Project Justification:

Project Funding: Fund D represents private property owner contributions to construct and connect to an 8" public potable water line through an assessment district or other funding mechanism.

O&M Cost Assumptions: Maintenance and operation costs are assumed to be $.40/LF/Yr x 10,560Ft=$4,225/Yr with construction assumed in 2025.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
D Participation By Others	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,400,000	$ 1,400,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,400,000**	**$ 1,400,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 38,000**	**$ 38,000**

CIP Name: Water System Renewal Replacement Schedule **CIP No:** 201443

Location: Various Water Facilities

Project Sponsor: Community Development **Status:** Not Started

Project Description: This project provides funding for long-term renewal/replacement of equipment and structures throughout the City's Water System as identified in the Replacement Financing Study for Potable and Recycled Water Facilities.

Project Justification: The Replacement Financing Study identifies a comprehensive list of equipment and facilities that must be replaced before the end of their useful lives to continue operations at the City's Water Department. As replacement projects are scheduled each year they will be removed from this CIP project worksheet and programmed with an individual CIP Project Number. Funding for long-term renewal/replacement projects is included in existing and future water rates. The city currently owns water assets valued at over $185,000,000.

Project Funding:

O&M Cost Assumptions:

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
259 Water Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ 59,396,000	$ 59,396,000
Total Funding:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 59,396,000**	**$ 59,396,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CIP Name: Water System Rehabilitation and Repair **CIP No:** 201619

Location: Altamont Tanks, Dalton Tank and Airway Pump Station

Project Sponsor: PW - Water **Status:** Not Started

Project Description: Recoat interior of Dalton Water Tank and make minor modifications to tank which include installing a mixer, interior ladder, sample stations and replacing a section of influent pipe. Replace the three pumps at the Airway Pump Station and associated electrical modifications. Replace conduit and wires betwee Altamont Pump Station and Altamont Tanks. Install antennas at Doolan Water Tank, Dalton Water Tank, and near the Vasco Rd./East Ave intersection. The antennas will receive and transmit water consumption data from the new radio read water meters being installed by the Water Section.

Project Justification: The most recent video inspection of the Dalton Water Tank revealed significant interior coating deterioration. Installing a mixer in the tank will improve water quality and installing other minor modifications will make it easier to maintain the tank. New pumps need to be installed at Airway Pump Station to accomodate new influent water pressures. The steel conduit between the Altamont Pump Station and tanks is severely rusted and needs to be replaced. The radio read water meter system will eliminate the labor costs associated with manually reading water meters.

Project Funding: Water system replacement fees (Fund 259) will fund these repairs.

O&M Cost Assumptions: O & M costs associated with the new mixer and ladder are estimated at $1,000 per year.

PROJECT FUNDING & COST ESTIMATE

Funding Sources	Prior Years	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years FY 2019/35	Total
259 Water Replacement	$ -	$ -	$ 950,000	$ -	$ -	$ -	$ -	$ 950,000
Total Funding:	**$ -**	**$ -**	**$ 950,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 950,000**
O&M Cost Estimate:	**$ -**	**$ -**	**$ -**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 18,000**	**$ 21,000**

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General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
GENERAL FUND REVENUES						
	Property Taxes					
001	30010 CURRENT YEAR - SECURED	$ 29,043,016	$ 30,567,000	$ 31,878,201	$ 32,699,761	$ 33,491,694
001	30020 CURRENT YEAR - UNSECURED	1,280,735	1,164,000	1,164,000	1,164,000	1,187,280
001	30030 PRIOR YEAR - SECURED	454,797	1,000,000	1,000,000	1,000,000	1,020,000
001	30040 PRIOR YEAR - UNSECURED	4,130	15,000	15,000	15,000	15,300
001	30060 SUPPLE - SEC ROLL CURRENT	638,211	400,000	400,000	400,000	408,000
001	30070 SUPPLE UNSEC ROLL	-	7,000	7,000	7,000	7,140
001	30080 ERAF	(7,643,085)	(7,582,950)	(8,233,001)	(8,397,661)	(8,565,614)
001	30150 AIRCRAFT TAXES	151,164	150,000	142,800	150,000	155,000
001	30200 PEN & INT ON DELINQ TAX	71,719	65,000	65,000	65,000	65,000
001	30210 OTHER PROPERTY TAXES	512,173	125,000	125,000	125,000	125,000
	Total Property Taxes	**$ 24,512,860**	**$ 25,910,050**	**$ 26,564,000**	**$ 27,228,100**	**$ 27,908,800**
	Sales Taxes					
001	30300 SALES & USE TAX	$ 18,922,393	$ 19,928,000	$ 19,820,000	$ 20,071,034	$ 28,544,956
001	30301 SALES TAX COMP FUND	6,237,559	6,250,000	7,664,430	8,124,296	660,000
	Total Sales Taxes	**$ 25,159,952**	**$ 26,178,000**	**$ 27,484,430**	**$ 28,195,330**	**$ 29,204,956**
	Other Taxes					
001	30500 FRANCHISE TAX - ELECTRIC	$ 469,175	$ 472,000	$ 472,000	$ 472,000	$ 472,000
001	30510 FRANCHISE TAX - GAS	206,394	208,000	208,000	208,000	208,000
001	30520 FRANCHISE TAX - CABLE TV	1,287,302	1,280,000	1,342,000	1,350,000	1,365,000
001	30530 FRANCHISE TAX - GARBAGE	2,346,862	2,400,000	2,354,926	2,435,032	2,508,083
001	30600 BUSINESS LICENSE TAX	4,212,232	4,200,000	4,300,000	4,400,000	4,500,000
001	30602 BUSINESS LICENSE REGISTRATION	30,444	23,000	24,000	24,000	24,000
001	30604 EARNED REV SB1186 ADA	2,997	2,000	2,000	2,000	2,000
001	30650 REAL PPTY TRANSFER TAX	642,394	600,000	620,000	620,000	620,000
001	30670 TRANSIENT OCCUPANCY TAX	2,210,904	2,060,000	2,000,000	2,000,000	2,250,000
001	30710 BUS LIC TAX CONST	445,942	500,000	700,000	700,000	400,000
001	30720 INDSTRL CONST TAX	-	1,000	6,500	6,500	6,500
	Total Other Taxes	**$ 11,854,646**	**$ 11,746,000**	**$ 12,029,426**	**$ 12,217,532**	**$ 12,355,583**
	Licenses and Permits					

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
001	31010 ANIMAL LICENSES	$ 22,663	$ 24,000	$ 22,000	$ 22,000	$ 22,000
001	31140 BUILDING PERMITS	1,077,259	1,380,000	1,380,000	1,518,000	1,600,000
001	31150 PLUMBING GAS PERMITS	71,978	60,000	64,000	66,000	70,000
001	31160 ELECTRICAL PERMITS	89,152	70,000	75,000	77,000	80,000
001	31170 MECHANICAL PERMITS	98,031	75,000	95,000	95,000	100,000
001	31300 STREET AND CURB PERMITS	68,458	70,000	80,000	80,000	80,000
001	31310 TRANSPORTATION PERMIT	31,890	30,000	25,000	25,000	25,000
001	31460 POLICE PERMITS	53,654	50,000	50,000	50,000	50,000
001	31470 FIRE CODE PERMITS	73,039	60,000	60,000	60,000	60,000
001	31480 HAZMAT PERMITS	434,830	375,000	375,000	375,000	375,000
	Total License and Permits	**$ 2,020,954**	**$ 2,194,000**	**$ 2,226,000**	**$ 2,368,000**	**$ 2,462,000**
	Fines and Forfeitures					
001	32100 VEHICLE CODE FINES	$ 363,629	$ 300,000	$ 325,000	$ 325,000	$ 325,000
001	32150 PARKING CITATIONS	78,472	75,000	75,000	75,000	75,000
	Total Fines and Forfeitures	**$ 442,101**	**$ 375,000**	**$ 400,000**	**$ 400,000**	**$ 400,000**
	Use of Money and Property					
001	33100 INTEREST INCOME	$ 1,164,776	$ 725,445	$ 800,000	$ 800,000	$ 800,000
001	33300 INTEREST EARNED TRUSTEE	55,786	60,000	55,000	55,000	55,000
001	33400 RENTAL OF CITY OWNED PROP	1,549,424	1,450,000	1,586,650	1,586,650	1,586,650
001	33410 MISC RENTAL INCOME	63,984	65,000	46,000	46,000	46,000
001	33430 MULTI SVC CTR RENTALS	51,792	50,000	50,000	50,000	50,000
001	33450 CELL TOWER RENT	45,356	30,000	49,000	60,000	75,000
	Total Use of Money and Property	**$ 2,931,118**	**$ 2,380,445**	**$ 2,586,650**	**$ 2,597,650**	**$ 2,612,650**
	Intergovernmental Revenues					
001	34150 STATE MVIL	$ 36,194	$ 36,000	$ 35,000	$ 35,000	$ 35,000
001	34151 VLF COMP FUND	6,019,176	6,050,000	6,471,815	6,471,815	6,471,815
001	34300 ST HOMEOWNER PROP TAX	207,849	210,000	209,000	210,000	211,000
001	34350 PUBLIC SAFETY AUG FUND	448,492	440,000	480,000	480,000	480,000
001	34390 ST HIGHWAY PROP RENTAL	610	850	600	600	600
001	34410 CA WASTE OIL REIMBURSEMENT	3,336	-	-	-	-

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
001	34780	EMT SERVICE AREA	366,085	360,000	360,000	360,000	360,000
001	34820	EMERGENCY SERVICES	221,672	215,000	215,000	215,000	215,000
001	34860	POST REIMBURSEMENT	(14,108)	5,000	35,000	15,000	15,000
001	34870	REIMB-MANDATED COSTS (ST)	30,322	29,500	78,250	50,000	50,000
001	34880	ALA CO ALCOHOL TEST REIMB	1,180	2,500	2,500	2,500	2,500
		Total Intergovernmental Revenues	**$ 7,320,808**	**$ 7,348,850**	**$ 7,887,165**	**$ 7,839,915**	**$ 7,840,915**
	Other In-Lieu Taxes						
001	34910	HSG AUTH IN LIEU TAX	$ 7,931	$ 7,900	$ 7,900	$ 7,900	$ 7,900
		Total Other In-Lieu Taxes	**$ 7,931**	**$ 7,900**	**$ 7,900**	**$ 7,900**	**$ 7,900**
	Charges for Current Services						
001	35050	USE AND VARIANCE PERMITS	$ 1,016,361	$ 640,000	$ 640,000	$ 640,000	$ 620,000
001	35051	OUTDOOR DINING MAINTENANCE	1,219	1,000	-	-	-
001	35100	SALE OF REPORTS & PUB	7,227	4,500	6,500	2,500	2,500
001	35110	RES BLDG RECORDS REPORT	66,630	55,000	60,000	60,000	60,000
001	35200	SALE OF POLICE REPORTS	22,754	20,000	28,000	20,000	20,000
001	35210	SPECIAL POLICE SERVICES	60,769	80,000	92,000	80,000	80,000
001	35225	PROPERTY & EVIDENCE FEES	240	500	500	500	500
001	35230	POLICE VEHICLE FEES	75,269	100,000	75,000	75,000	75,000
001	35235	POLICE MISC FEES	16,864	10,000	15,000	15,000	15,000
001	35240	POLICE EMERG RESPONSE	662	1,000	7,500	3,000	3,000
001	35300	ANIMAL SHELTER FEES & CHARGES	585	1,000	1,000	1,000	1,000
001	35330	POLICE TOWING FRANCHISE FEE	-	10,000	-	-	-
001	35350	ENGINEERING INSPECTION FEES	543,344	321,000	1,000,000	906,000	653,000
001	35360	ENGINEERING & FILING FEE	660,716	344,000	540,000	521,000	352,000
001	35450	WEED ABATEMENT	8,382	6,500	6,500	6,500	6,500
001	35590	FIRE INSPECTION FEES	66,169	75,000	95,000	75,000	75,000
001	35600	LIBRARY FEES	127,635	120,000	130,000	130,000	130,000
001	35610	LIBRARY PASSPORT SERVICES	18,620	12,000	-	-	-
001	35620	LIBRARY MERCHANDISE REVENUE	1,289	2,500	2,000	2,500	2,500
001	35650	PLAN CHECK FEES	414,595	560,000	725,000	750,000	790,000
001	35660	INTERFUND CHARGES	2,618,137	2,750,000	2,750,000	2,750,000	2,750,000

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
001	35661 ENGINEERING INTERFUND CHARGES	2,680,144	2,500,000	2,600,000	2,700,000	2,700,000
001	3566270 INTERFUND CHARGES - LPGC	-	141,700	-	-	-
001	35691 IMPACT FEES	117,546	122,235	122,235	122,235	122,235
001	35700 ASSESSMENT DIST ADMIN FEE	115,521	52,209	300,995	196,775	131,620
	Total Charges for Current Services	**$ 8,640,678**	**$ 7,930,144**	**$ 9,197,230**	**$ 9,057,010**	**$ 8,589,855**
	Other Revenue					
001	32420 MISC DONATIONS- AMGEN	$ 9,305	$ -	$ -	$ -	$ -
001	36775 ADMIN FEE- RDA DISSOLUTION	250,000	250,000	250,000	250,000	475,000
001	36780 ADMINISTRATIVE COST RECOVERY	151,034	84,300	89,300	84,300	84,300
001	36781 DAMAGE TO CITY PROPERTY- STREETS	72,956	40,000	6,000	40,000	40,000
001	36782 DAMAGE TO CITY PROPERTY- LANDSCAPE	8,265	7,700	28,500	8,000	8,000
001	367901 POLICE HOSTED TRAININGS	-	-	500	500	500
001	36800 CASH OVER AND SHORT	(131)	-	-	-	-
001	36810 SALE OF SURPLUS PROPERTY	282	1,000	6,000	-	-
001	36829 FIRE VA CONTRACT SERVICES	408,473	415,000	428,897	428,900	428,900
001	36830 MISC FIRE DEPT REVENUE	206,026	150,000	90,650	75,000	75,000
001	36860 MISCELLANEOUS REVENUE	217,437	197,000	197,000	197,000	197,000
001	36903 CDD- HOUSING MISC INCOME	14,000	24,000	14,000	-	-
001	369102 CONTRIB OUTSIDE SRCS- BUILDING	44,965	40,000	40,000	40,000	40,000
001	369103 CONTRIB OUTSIDE SRCS- PLANNING	-	1,000	-	-	-
001	36915 EDD ART ADMIN FEE CONTRIBUTION	8,155	8,000	26,000	10,000	10,000
001	36970 POLICE MISC REVENUE	19,159	5,000	14,000	14,000	14,000
001	36971 POLICE CARDROOM REVENUE	157,500	162,000	171,000	171,000	171,000
	Total Other Revenue	**$ 1,567,426**	**$ 1,385,000**	**$ 1,361,847**	**$ 1,318,700**	**$ 1,543,700**
	TOTAL GENERAL FUND REVENUES	**$ 84,458,474**	**$ 85,455,389**	**$ 89,744,648**	**$ 91,230,137**	**$ 92,926,359**
GRANTS / SPECIAL REVENUE FUNDS						
	Safety Grants					
603	33100 POLICE- COPS AHEAD AB 3229 INT INCOME	$ 416	$ 1,732	$ -	$ -	$ -
603	34370 POLICE- COPS AHEAD AB 3229 GRANT	136,852	130,000	140,000	140,000	140,000
610	34845 HORIZONS- ALA CO HORIZONS GRANT	276,469	276,500	276,500	276,500	276,500

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
610	35241	HORIZONS- DONATIONS	7,551	5,000	5,000	5,000	5,000
610	36410	HORIZONS- COUNSELING 601 SERVICES	3,066	3,000	3,000	3,000	3,000
610	36420	HORIZONS- CONTRIBUTION 602	1,002	3,000	1,500	1,500	1,500
610	36601	HORIZONS- MAA FEDERAL FUNDING	116,919	120,000	92,700	90,000	90,000
610	36860	HORIZONS- MISCELLANEOUS REVENUE	4,805	5,000	5,000	5,000	5,000
610	36910	HORIZONS- CONTRIBUTION OUTSIDE SRCS	116,607	80,500	80,500	80,500	80,500
610	369106	HORIZONS- CONTRIBUTION OUTSIDE SRCS	5,205	7,000	5,000	5,000	5,000
619	33100	INTEREST INCOME	-	7,048	-	-	-
619	36910	POLICE- ASSET SEIZURE- ADJUDICATED	29,133	10,000	360,000	50,000	50,000
621	34340	POLICE- BJA BULLET PROOF VEST REIMB GRANT	2,085	3,500	3,500	3,500	3,500
635	36600	POLICE- FED GRANT- JAG GRANT	-	18,100	15,000	15,000	15,000
635	36600	POLICE- FED GRANT- AVOID THE 21	183,483	10,000	6,370	10,000	10,000
635	36600	POLICE- FED GRANT- URBAN SHIELD	-	25,000	12,520	25,000	25,000
635	36600	POLICE- OTS STEP GRANT	-	-	40,500	17,400	-
635	36600	POLICE- FED GRANT- SPF SIG GRANT	-	142,100	163,000	52,000	-
635	366406	POLICE- ST CHP EVERY 15 MIN GRANT	30,000	-	-	30,000	-
635	369106	POLICE- OS CONTRIBUTION-EVERY 15 MIN	6,450	10,000	31,000	10,000	10,000
641	35230	POLICE- VEHICLE IMPOUND PRGM FEES	32,470	45,000	30,000	35,000	35,000
683	32420	POLICE- MISC DONATIONS	-	1,000	1,000	1,000	1,000
683	32440	POLICE- OCCUPANT PROTECTION	1,550	2,000	2,000	2,000	2,000
683	32450	POLICE- K-9 DONATION	-	500	500	500	500
683	32460	POLICE- CPA ALUMNI ASSOC DONATION	1,709	5,000	4,000	4,000	4,000
683	32470	POLICE- YOUTH PROGRAMS DONATION	3,852	1,000	1,000	1,000	1,000
		Total Safety Grants	**$ 959,624**	**$ 911,980**	**$ 1,279,590**	**$ 862,900**	**$ 763,500**
	Solid Waste/Recycling Grants						
602	35550	PW- STREET SWEEPING FEE	$ 436,744	$ 486,360	$ 486,358	$ 499,101	$ 514,074
602	35870	PW- MSC USE BY LARPD	253	-	-	-	-
612	33100	PW- ALA CO MEAS D- INTEREST INCOME	4,746	5,249	3,000	3,000	3,000
612	36250	PW- ALA CO MEASURE D REVENUE	228,495	213,895	228,000	234,840	241,885
617	34410	CA WASTE OIL REIMB	11,388	-	-	-	-

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
617	36430	PW- USED OIL RECYCLING STATE GRANT	-	20,000	23,000	23,000	23,000
630	36430	PW- CA BEVERAGE CONTAINER STATE GRANT	-	22,000	22,000	20,600	21,218
667	35551	PW- SW&R MONITOR & ENFORCEMENT	178,263	198,515	198,513	203,714	209,825
667	36910	PW- CONTRIB OUTSIDE SRCS- EAB	30,000	30,000	60,000	30,000	30,000
		Total Solid Waste/Recycling Grants	**$ 889,889**	**$ 976,019**	**$ 1,020,871**	**$ 1,014,255**	**$ 1,043,002**
	Housing & Human Services Grants						
611	33100	INTEREST INCOME	$ 26,274	$ 24,756	$ 28,000	$ 28,000	$ 28,000
611	33000	INTEREST EARNED TRUSTEE	5,930	-	85,000	-	-
611	33400	RENTAL OF CITY OWNED PROPERTY	213,696	213,000	220,000	221,000	123,000
611	34960	HHS LOAN PAYMENT	278,056	-	202,075	-	-
611	36360	LOW INCOME HOUSING FEE	3,106,274	9,514,790	2,200,000	3,165,000	2,800,000
613	33300	HHS- HCD CDBG INTEREST EARNED TRUSTEE	1,931	-	-	-	-
613	33400	HHS- RENTAL OF CITY OWNED PROPERTY	-	52,000	25,000	52,000	52,000
613	34960	HHS- HCD CDBG REHAB LOAN PYMNT	35,809	3,000	32,430	3,000	3,000
613	34990	HHS- HCD CDBG - ADMINISTRATION	374,317	478,685	391,310	340,150	350,000
613	36860	HHS- HCD CDBG- MISC REVENUE	-	2,400	35,000	2,400	2,400
618	36910	HHS- BOND ADMIN FEE- CONTRIB OUTSIDE SRCS	43,500	43,500	43,500	43,500	43,500
620	33100	HHS- SOEF- INTEREST INCOME	6,482	7,257	3,700	3,700	3,700
620	36201	HHS- SOCIAL OPPORTUNITY ENDOWMENT FEE	39,000	-	30,000	30,000	30,000
622	33300	HHS- INTEREST EARNED TRUSTEE	3,778	-	545	500	500
622	34620	CAL HOME STATE GRANT	-	500,100	400,000	643,789	-
622	34960	HHS- LOAN PAYMENT	40,260	-	155	-	-
626	33300	HHS- INTEREST EARNED TRUSTEE	4,103	1,400	1,700	1,500	1,500
626	34960	HHS- 1ST TIME HOMEBUYER ASSIST LOAN PYMT	38,713	20,000	16,500	15,000	15,000
628	33300	HHS- INTEREST EARNED TRUSTEE	38,743	19,000	20,000	19,000	18,000
628	34960	HHS- MORTGAGE ASSIST- LOAN PYMT	131,542	40,000	114,000	20,000	20,000
629	33300	HHS- INTEREST EARNED TRUSTEE	-	-	58,652	-	-
633	33300	HHS- INTEREST EARNED TRUSTEE	919	-	760	-	-
633	36600	HHS- HUD EDI SPECIAL FEDERAL GRANT	51,593	66,650	70,650	15,000	-
633	36816	HHS- SALE NSP GRANT ACQ	10,200	-	9,000	-	-

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
633	31450	HHS- LOCAL MATCH	-	-	2,366	-	-
637	33300	HHS- INTEREST EARNED TRUSTEE	(3)	-	-	-	-
637	36910	HHS- CA BEGIN GRANT PROGAM	-	32,000	-	40,000	40,000
671	33300	HHS- FED HOME GRNT PRGM- INT EARNED TRUSTE	502	-	7,200	-	-
671	35000	HHS- FED HOME GRNT PRGM- ALA CO HOME FUND	187,251	90,000	90,000	100,000	100,000
		Total Housing & Human Services Grants	**$ 4,638,870**	**$ 11,108,538**	**$ 4,087,543**	**$ 4,743,539**	**$ 3,630,600**
	Various Grants/Other Revenue						
600	38700	HCIF - ALTAMONT	$ -	$ -	$ 260,000	$ 400,000	$ 400,000
600	38705	HCIF - VASCO	-	-	65,000	79,000	79,000
606	35890	BLDG- NUISANCE ABATEMENT CITATION	18,425	14,000	3,000	4,000	4,000
608	34935	PUBLIC ART FEE- OTHER IN LIEU TAXES	74,540	70,000	300,000	100,000	100,000
608	36910	PUBLIC ART FEE- CONTRIBUTIONS OUTSIDE SOUR(	-	-	-	3,000	-
642	36810	PLANNING - SALE OF SURPLUS PROPERTY	-	-	-	1,886,000	-
665	36902	CITY MANAGER- PEG CAPITAL FEE- CABLE TV	257,784	245,000	255,000	260,000	260,000
672	35630	LIBRARY- GIFT DONATION FUND	36,870	60,000	50,000	60,000	60,000
673	35640	LIBRARY -LIBRARY FOUNDATION GRANT	482	500	28,000	10,000	10,000
673	36540	LIBRARY- STATE LITERACY GRANT	24,451	30,000	37,270	30,000	30,000
676	36430	CC- LIVERMORE PROMISE STATE GRANT	170,617	174,705	174,705	174,705	174,705
		Total Various Grants	**$ 583,169**	**$ 594,205**	**$ 1,172,975**	**$ 3,006,705**	**$ 1,117,705**
	Transferable Development Credits						
339	36202	TRANSFERABLE DEVELOPMENT CREDITS	$ 516,126	$ -	$ 5,000,000	$ 500,000	$ 1,000,000
		Total Transferable Develepment Credits	**$ 516,126**	**$ -**	**$ 5,000,000**	**$ 500,000**	**$ 1,000,000**
	South Livermore Valley Specific Plan Fee						
604	32410	MAJOR ATTRACTION FEE	$ 23,163	$ -	$ 1,103	$ -	$ -
604	34900	ROAD IMPROVEMENT FEE	195,069	-	9,289	-	-
604	36780	PLAN PREP FEE- ADMIN COST RVRY	25,284	-	1,204	-	-
604	37710	RECYCLED WATER FEE	99,230	-	-	-	-
		Total South Livermore Valley Specific Plan Fee	**$ 342,746**	**$ -**	**$ 11,596**	**$ -**	**$ -**
	Housing Successor Agency Revenue						

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
609	33100 INTEREST INCOME	$ 8,304	$ 5,200	$ 4,000	$ 4,000	$ 4,000
609	33300 INTEREST EARNED TRUSTEE	498	-	51,128	45,000	45,000
609	34960 HHS LOAN PAYMENT	25,210	2,500	2,500	2,600	2,700
	Total Housing Sucessor Agency Revenue	**$ 34,012**	**$ 7,700**	**$ 57,628**	**$ 51,600**	**$ 51,700**
	Landscape Maintenance District Revenue					
614	33100 LMD- INTEREST INCOME	$ 52,632	$ 55,699	$ 34,000	$ 34,000	$ 34,000
614	36200 LMD- SPECIAL ASSESSMENTS	2,674,584	2,661,000	2,657,000	2,741,800	2,746,050
614	36782 LMD- DAMAGE TO CITY PROPERTY	-	5,000	-	1,000	1,000
	Total Landscape Maintenance District Revenue	**$ 2,727,216**	**$ 2,721,699**	**$ 2,691,000**	**$ 2,776,800**	**$ 2,781,050**
	TOTAL GRANTS / SPECIAL REVENUE FUNDS	**$ 10,691,652**	**$ 16,320,141**	**$ 15,321,203**	**$ 12,955,799**	**$ 10,387,557**
MUNICIPAL ENTERPRISE FUNDS						
	Municipal Airport Operations					
210	33100 INTEREST INCOME	$ 23,516	$ 29,210	$ 12,000	$ 12,000	$ 12,000
210	33300 INTEREST EARNED TRUSTEE	12,000	8,225	8,225	7,085	5,933
210	33400 RENTAL OF PROPERTY	190,768	191,070	191,070	192,957	194,872
210	33440 CATTLEMEN'S LEASE REVENUE	168,579	135,000	177,504	135,000	135,000
210	3566001 INTERFUND CHARGES- GEN FUND	-	114,010	-	-	-
210	35880 LIGHTING CONVERSION REBATE	6,788	-	4,838	-	-
210	36780 ADMINISTRATIVE COST RVRY	15,326	-	1,400	-	-
210	36810 SALE OF SURPLUS PROPERTY	-	-	6,156	-	-
210	38100 SALE OF GASOLINE	3,814,790	1,789,490	3,201,920	1,593,970	130,000
210	38110 SALE OF OIL	5,546	2,490	3,320	1,660	-
210	38200 TIE DOWN FEES	70,213	40,080	33,260	35,720	35,720
210	38210 TEE HANGARS & SHELTERS	2,027,229	2,104,960	2,102,490	2,134,110	2,166,050
210	38220 TRANSIT PARKING FEES	20,593	18,000	18,000	18,000	18,000
210	38230 OPERATIONAL USE FEES	49,341	15,000	30,000	15,000	10,000
210	38300 RENTAL OF CITY OWNED PROP	280,563	306,470	263,150	303,850	308,420
210	38400 F.B.O. RENT	159,528	182,440	169,510	267,232	345,680
210	38890 LT CHARGES	11,724	4,000	8,000	4,000	4,000

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
210	38900	MISCELLANEOUS	29,922	15,000	15,000	15,000	15,000
210	38950	LEASE OF AIRFIELD	38,702	38,110	38,950	36,040	36,580
		Total Municipal Airport Operations	**$ 6,925,128**	**$ 4,993,555**	**$ 6,284,793**	**$ 4,771,624**	**$ 3,417,255**
	Sewer						
230	33100	INTEREST INCOME	$ 125,674	$ 133,740	$ 68,000	$ 68,000	$ 68,000
230	35490	SOURCE CONTROL FEES	158,771	100,000	100,000	100,000	100,000
230	35500	SWR SRVC CHG - COMMERCIAL	3,577,247	3,600,000	3,600,000	3,834,000	4,083,210
230	35505	SWR SRVC CHG -RESIDENTIAL	605,648	600,000	600,000	639,000	680,535
230	35510	SWR SVC CHG- RES TAX ROLL	13,212,149	13,332,000	13,332,000	14,198,580	15,121,488
230	35890	CITATION REVENUE	200	500	500	500	500
230	36780	ADMINISTRATIVE COST RVRY	31,980	25,000	25,000	25,000	25,000
230	36810	SALE OF SURPLUS PROPERTY	202	-	-	-	-
230	36860	MISCELLANEOUS REVENUE	5,335	2,500	6,000	5,000	5,000
		Total Sewer	**$ 17,717,206**	**$ 17,793,740**	**$ 17,731,500**	**$ 18,870,080**	**$ 20,083,733**
	Stormwater Users Fee						
240	33100	INTEREST INCOME	$ 41,258	$ 44,703	$ 26,000	$ 26,000	$ 26,000
240	35530	URBAN RUNOFF	1,057,554	1,050,000	1,050,000	1,050,000	1,050,000
240	35890	CITATION REVENUE	630	500	500	500	500
240	36780	ADMINISTRATIVE COST RVRY	30,732	25,000	15,000	15,000	15,000
		Total Stormwater Users Fee	**$ 1,130,174**	**$ 1,120,203**	**$ 1,091,500**	**$ 1,091,500**	**$ 1,091,500**
	LAVWMA						
242	33100	INTEREST INCOME	$ 68,538	$ 72,942	$ 41,000	$ 41,000	$ 41,000
		Total LAVWMA	**$ 68,538**	**$ 72,942**	**$ 41,000**	**$ 41,000**	**$ 41,000**
	Municipal Water Service						
250	33100	INTEREST INCOME	$ 59,949	$ 67,595	$ 53,000	$ 53,000	$ 53,000
250	33300	INTEREST EARNED TRUSTEE	2	-	-	-	-
250	33450	CELL TOWER RENT	26,513	27,000	27,000	27,000	27,000
250	36780	ADMINISTRATIVE COST RVRY	11,926	4,000	8,000	7,000	7,000
250	36810	SALE OF SURPLUS PROPERTY	1,029	-	-	-	-

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
250	36860	MISCELLANEOUS REVENUE	10,813	2,000	10,000	2,000	2,000
250	36930	LEASE REVENUE	1,380	-	-	-	-
250	37100	SALE OF WATER	11,660,740	11,943,000	11,943,000	11,143,220	12,408,571
250	37110	SALE OF WATER - CONST	111,247	150,000	150,000	100,000	100,000
250	37120	SALE OF WATER - RECYCLED	697,372	550,000	550,000	550,000	550,000
250	37600	SALE OF WATER MTR-TAXABL	26,805	10,000	10,000	10,000	10,000
250	37610	MISC SALES-TAXABLE	3,602	2,000	2,000	2,000	2,000
		Total Municipal Water Service	**$ 12,611,378**	**$ 12,755,595**	**$ 12,753,000**	**$ 11,894,220**	**$ 13,159,571**
	Las Positas Golf Course						
270	33100	INTEREST INCOME	$ 15,925	$ 18,523	$ 7,000	$ 7,000	$ 7,000
270	36780	ADMINISTRATIVE COST RVRY	-	500	500	500	500
270	36810	SALE OF SURPLUS PROPERTY	-	-	54	-	-
270	36860	MISCELLANEOUS REVENUE	1,681	750	1,500	1,500	1,500
270	36910	CONTRIBUTION OUTSIDE SRCS	-	2,000	-	-	-
270	39100	GOLF COURSE GREEN FEES	2,014,278	2,139,590	2,120,479	2,127,245	2,127,245
270	39210	FOOD AND BEVERAGE REVENUE	177,835	176,030	175,000	175,000	175,000
270	39220	GOLF LESSONS	198,444	207,560	177,974	178,162	178,162
270	39300	DRIVING RANGE FEES	108,265	123,930	105,578	117,694	117,694

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
270	39310 CART RENTAL -MGR	452,350	470,170	433,017	461,125	461,125
270	39800 PRO SHOP	291,101	325,160	301,130	345,201	345,201
	Total Las Positas Golf Course	**$ 3,259,879**	**$ 3,464,213**	**$ 3,322,232**	**$ 3,413,427**	**$ 3,413,427**
	Springtown Golf Course					
290	36780 ADMINISTRATIVE COST RVRY	$ 5,391	$ -	$ 173	$ -	$ -
290	36930 LEASE REVENUE	6,000	6,000	6,000	6,000	6,000
	Total Springtown Golf Course	**$ 11,391**	**$ 6,000**	**$ 6,173**	**$ 6,000**	**$ 6,000**
	TOTAL MUNICIPAL ENTERPRISE FUNDS	**$ 41,723,694**	**$ 40,206,248**	**$ 41,230,198**	**$ 40,087,851**	**$ 41,212,486**
MUNICIPAL DEBT SERVICE FUNDS						
410	33300 2008 COP's INTEREST EARNED TRUSTEE	$ 3	$ -	$ -	$ -	$ -
411	33300 2011 COP's INTEREST EARNED TRUSTEE	6,652	-	-	-	-
411	36910 2011 COP'S CONTRIBUTION OUTSIDE SRC	-	509,016	-	-	-
411	3691021 CONTRIBUTIONS- PREMIUM 2	191,022	-	89,076	-	-
411	3691022 CONTRIBUTIONS- JOHNSON/HIMSL	145,472	-	145,427	-	-
411	3691023 CONTRIBUTIONS- CROSSWINDS	282,450	-	282,361	188,183	-
411	3691024 CONTRIBUTIONS- COTTONWOOD CREEK	225,990	-	123,941	-	-
413	33300 2012 COP's INTEREST EARNED TRUSTEE	5	-	-	-	-
414	36920 2014 COP's PROCEEDS FROM DEBT	-	-	9,380,000	-	-
415	36920 2014 COP's PROCEEDS FROM DEBT	-	-	40,435,141	-	-
	TOTAL MUNICIPAL DEBT SERVICE FUNDS	**$ 851,594**	**$ 509,016**	**$ 50,455,946**	**$ 188,183**	**$ -**
INTERNAL SERVICE FUNDS						
700	RISK MANAGEMENT- LIABILITY	$ 2,030,997	$ 871,570	$ 1,500,000	$ 1,500,000	$ 1,500,000
710	RISK MANAGEMENT- W/C INSURANCE	2,167,386	1,384,000	2,179,680	2,231,570	2,288,390
720	INFORMATION TECHNOLOGY	1,999,770	1,863,232	2,734,500	2,584,500	2,594,500
730	FLEET & EQUIPMENT SERVICES	3,477,283	2,774,760	2,782,103	4,060,495	4,114,442
740	FACILITIES REHAB PROGRAM	2,801,884	2,385,275	2,436,301	2,373,496	2,384,395
750	REPROGRAPHICS	99,823	100,820	88,300	-	-
770	COL EMPLOYEE PAYROLL FUND	1,490,564	910,000	1,273,900	1,144,217	-
775	COL RETIREE HEALTH FUND	5,952,000	6,231,000	6,500,000	5,255,000	5,426,000

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
	TOTAL INTERNAL SERVICE FUNDS	**$ 20,019,707**	**$ 16,520,657**	**$ 19,494,784**	**$ 19,149,278**	**$ 18,307,727**
	TOTAL OPERATING BUDGET REVENUES	**$ 157,745,121**	**$ 159,011,451**	**$ 216,246,779**	**$ 163,611,248**	**$ 162,834,129**
	CAPITAL IMPROVEMENT PROJECT FUNDS					
	VARIOUS CAPITAL IMPROVEMENT FUNDS					
	Water Resources Replacement					
239	33100 INTEREST INCOME	$ 168,282	$ 185,397	$ 124,000	$ 124,000	$ 124,000
239	33300 INTEREST EARNED TRUSTEE	13,533	12,870	12,870	2,285	-
239	3566770 INTERFUND CHARGES	-	508,600	-	-	-
239	36780 ADMINISTRATIVE COST RVRY	6,557	-	-	-	-
239	36880 CLAIMS SETTLEMENT	-	-	156,500	-	-
	Total Water Resources Replacement Fund	**$ 188,372**	**$ 706,867**	**$ 293,370**	**$ 126,285**	**$ 124,000**
	Sewer Connection Fee					
241	33100 INTEREST INCOME	$ 135,190	$ 151,036	$ 75,000	$ 75,000	$ 75,000
241	36100 SEWER CONNECTION FEES	922,479	1,200,000	1,736,000	2,275,000	2,239,000
	Total Sewer Connection Fee Fund	**$ 1,057,669**	**$ 1,351,036**	**$ 1,811,000**	**$ 2,350,000**	**$ 2,314,000**
	Water Connection Fee					
251	33100 INTEREST INCOME	$ 18,075	$ 22,156	$ 9,000	$ 9,000	$ 9,000
251	37700 WATER STORAGE FEES	403,951	800,000	763,000	1,117,000	811,000
	Total Water Connection Fee Fund	**$ 422,026**	**$ 822,156**	**$ 772,000**	**$ 1,126,000**	**$ 820,000**
	Water Replacement					
259	33100 INTEREST INCOME	$ 121,093	$ 133,276	$ 79,000	$ 79,000	$ 79,000
259	33300 INTEREST EARNED TRUSTEE	12,749	12,125	12,125	2,155	-
259	3566770 INTERFUND CHARGES	-	479,170	-	-	-
	Total Water Replacement Fund	**$ 133,842**	**$ 624,571**	**$ 91,125**	**$ 81,155**	**$ 79,000**
	College Ave AD 87-2A Construction Fund					
301	36780 ADMINISTRATIVE COST RVRY	$ 6,015	$ 6,015	$ -	$ -	$ -
	Developer Deposits					
302	36910 CONTRIBUTIONS OUTSIDE SOURCES	$ -	$ -	$ -	$ 120,000	$ 350,000
	Public Utility Underground Fee					

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
303	35565 PUBLIC UTILITY UNDERGROUND FEE	$ -	$ 150,000	$ 50,000	$ 50,000	$ 50,000
	Vasco/ACE Connector Rd					
304	33300 INTEREST EARNED TRUSTEE	$ 89	$ -	$ -	$ -	$ -
	Traffic Impact Fee					
306	33100 INTEREST INCOME	$ 43,773	$ 49,177	$ 26,000	$ 26,000	$ 26,000
306	35540 INTERCHANGE IMPROVEMENT	1,827,853	2,514,000	6,884,000	3,911,000	10,777,000
306	36200 SPECIAL ASSESSMENTS	-	385,872	-	-	-
306	36780 ADMINISTRATIVE COST RECOVERY	99,326	-	-	-	-
306	36910 CONTRIBUTION OUTSIDE SRCS	35,800	429,370	232,765	525,618	32,351
	Total Traffic Impact Fee	**$ 2,006,752**	**$ 3,378,419**	**$ 7,142,765**	**$ 4,462,618**	**$ 10,835,351**
	Airport Grants					
212	34800 FEDERAL AIRPORT GRANT	$ 204,965	$ 1,665,000	$ -	$ 1,800,000	$ 288,000
	Total Airport Construction Fund	**$ 204,965**	**$ 1,665,000**	**$ -**	**$ 1,800,000**	**$ 288,000**
	Storm Drain					
308	33100 INTEREST INCOME	$ 18,595	$ 20,470	$ 25,000	$ 25,000	$ 25,000
308	36400 OFF-TRACT DRAINAGE FEES	191,736	254,000	569,000	226,000	106,000
	Total Storm Drain Fund	**$ 210,331**	**$ 274,470**	**$ 594,000**	**$ 251,000**	**$ 131,000**
	LPCFA 2008 COP's Construction Fund					
310	33300 INTEREST EARNED TRUSTEE	$ 308	$ -	$ -	$ -	$ -
	Tri Valley Transportation Council 20% FEE					
321	33100 INTEREST INCOME	$ 6,421	$ 8,777	$ 4,000	$ 4,000	$ 4,000
321	35560 TVTC 20% FEE	68,368	481,000	1,276,000	452,000	677,000
	Total Tri Valley Transportation Council 20% Fee Fund	**$ 74,789**	**$ 489,777**	**$ 1,280,000**	**$ 456,000**	**$ 681,000**
	Isabel/ I-580 Interchange					
322	36780 ADMINISTRATIVE COST RECOVERY	$ 259,652	$ -	$ 410,000	$ -	$ -
	Total Isabel/I-580 Interchange	**$ 259,652**	**$ -**	**$ 410,000**	**$ -**	**$ -**
	LARPD- Concannon/South Livermore Trail					

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
323	36860 MISCELLANEOUS REVENUE	$ -	$ 50,000	$ 50,000	$ -	$ -
	Downtown Revitalization Fee					
331	35680 DOWNTOWN REVITALIZATION FEE	$ 49,070	$ -	$ -	$ -	$ -
	HHS- Human Services Facilities Fee					
333	35680 HHS-HS FACILITIES FEE-DOWNTWN REV	$ 116,727	$ 190,200	$ 125,000	$ 190,000	$ 190,000
	Former Rte 84 Repair Fund					
336	36780 ADMINISTRATIVE COST RECOVERY	$ 7,198	$ -	$ -	$ -	$ -
	Park Fee- AB 1600					
337	33100 INTEREST INCOME	$ 21,819	$ 23,372	$ 19,000	$ 19,000	$ 19,000
337	35750 PARK FEE - AB 1600	1,114,404	3,196,900	3,733,000	5,259,000	5,421,000
	Total Park Fee- AB 1600 Fund	**$ 1,136,223**	**$ 3,220,272**	**$ 3,752,000**	**$ 5,278,000**	**$ 5,440,000**
	El Charro Specific Plan Funding					
341	3643502 ALA CO ZONE 7 STORMWATER	$ 1,000,000	$ -	$ -	$ -	$ -
341	3643503 ALA CO SURPLUS COOP FLOOD	17,500	-	-	-	-
341	3691020 CONTRIBUTIONS- PARAGON 1	350,000	-	-	-	-
341	3691021 CONTRIBUTIONS- PARAGON 2	1,583,087	1,776,079	1,194,284	-	-
341	3691022 CONTRIBUTIONS- JOHNSON/HIMSL	-	1,296,555	-	-	-
	Total EL Charro Specific Plan Funding Fund	**$ 2,950,587**	**$ 3,072,634**	**$ 1,194,284**	**$ -**	**$ -**
	Solid Waste and Recycling Impact Fee					
344	33100 INTEREST INCOME	-	8,780	-	-	-
344	35555 SW&R REFUSE VEHICLE IMPR	$ 820,775	$ 915,090	$ 915,090	$ 940,987	$ 969,217
344	35557 SW&R NBHD PRSVTN PRGM SUPPORT	138,649	154,400	154,400	158,445	163,198
344	36910 CONTRIBUTION OUTSIDE SRCS	-	100,000	80,000	-	-
	Total Solid Waste and Recycling Impact Fee Fund	**$ 959,424**	**$ 1,178,270**	**$ 1,149,490**	**$ 1,099,432**	**$ 1,132,415**
	LCPFA 2011 COPS Construction Fund					
346	33300 INTEREST EARNED TRUSTEE	$ 134	$ -	$ -	$ -	$ -
346	36910 CONTRIBUTION OUTSIDE SRCS	-	4,698,000	-	-	-

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
347	36860 MISCELLANEOUS REVENUE	-	-	2,703,349	5,788,948	2,608,252
		$ 134	**$ 4,698,000**	**$ 2,703,349**	**$ 5,788,948**	**$ 2,608,252**
	Total of Various Capital Improvement Funds	**9,784,173**	**21,877,687**	**21,418,383**	**23,179,438**	**25,043,018**
GAS TAX FUNDS						
650	33100 INTEREST INCOME	$ -	$ 11,404	$ -	$ -	$ -
650	34190 STATE GAS TAX - PROP 111	531,370	370,000	475,000	475,000	475,000
650	35400 ST GAS TAX- PROP 111 SIDEWALK REPAIR	162	-	-	-	-
651	33100 SPECIAL GAS TAX-2107.5 INTEREST INCOME	-	83	-	-	-
651	34220 STATE GAS TAX - 2107.5	-	7,500	7,583	7,583	7,583
652	33100 STATE GAS TAX - 2107 INTEREST INCOME	$ 8,674	$ 9,511	$ 5,900	$ 5,900	$ 5,900
652	34210 STATE GAS TAX - 2107	555,252	503,000	625,000	625,000	625,000
	Special Gas Tax §2106					
653	33100 STATE GAS TAX- 2106 INTEREST INCOME	$ 11,802	$ 12,849	$ 14,000	$ 14,000	$ 14,000
653	34200 STATE GAS TAX - 2106	264,279	300,000	250,000	250,000	250,000
653	35400 STATE GAS TAX -2106 SIDEWALK REPAIR	10,251	2,500	2,500	12,500	-
	Subtotal Special Gas Tax §2106	**$ 286,332**	**$ 315,349**	**$ 266,500**	**$ 276,500**	**$ 264,000**
	Special Gas Tax §2182 & §2103					
659	33100 GAS TAX- 2103 INTEREST INCOME	$ -	$ 8,436	$ -	$ -	$ -
659	34230 STATE GAS TAX- 2103	1,064,863	680,000	884,000	423,000	340,000
659	35400 SIDEWALK REPAIRS	2,522	-	-	-	-
659	36350 FEDERAL GRANT	6,525	-	-	-	-
	Subtotal Special Gas Tax §2182 & §2103	**$ 1,073,910**	**$ 688,436**	**$ 884,000**	**$ 423,000**	**$ 340,000**
	Total Gas Tax Funds	**$ 2,455,700**	**$ 1,905,283**	**$ 2,263,983**	**$ 1,812,983**	**$ 1,717,483**
MISCELLANEOUS CAPITAL IMPROVEMENT FUNDS						
655	33100 VASCO ROAD/ LLNL WIDENING INT INCOME	$ 40	$ 45	$ 9,000	$ 9,000	$ 9,000
656	36530 FEDERAL STREET GRANTS	94,883	1,552,780	1,292,550	686,000	2,000,000
657	33100 MEAS B LOCAL INTEREST INCOME	-	4	-	-	-
660	33100 TVTC RTE 84 CORRIDOR IMPROV INT INCOME	3,225	-	-	-	-

General Fund & Other Revenue Sources by Fund

Fund	Account No. & Description		FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
663	33100	LOCAL ST & RD INTEREST INCOME	-	6,939	-	-	-
674	34980	MTC-TDA GRANT BIKE & PED PATH REVENUE	108,546	-	-	200,000	200,000
677	33100	MEAS B BIKE/PEDESTRIAN- INTEREST INCOME	7,950	8,646	4,000	4,000	4,000
677	34980	MEASURE B- BIKE/ PEDESTRIAN PATH REV	238,667	200,000	230,000	230,000	230,000
678	33100	MEAS B- STREETS & ROADS INTEREST INCOME	11,934	13,245	4,000	4,000	4,000
678	35400	MEAS B- SIDEWALK REPAIR	15,589	47,500	47,500	37,500	-
678	36950	MEASURE B- STREETS & ROADS	949,750	825,000	900,000	900,000	900,000
679	36950	MEASURE B- ISABEL INTERCHANGE GRANT	171,873	800,000	4,033,893	-	-
680	36440	STATE STREET GRANTS	-	-	83,000	275,000	-
681	33100	LOCAL VEHICLE REG FEE- INTEREST INCOME	2,781	4,617	3,000	3,000	3,000
681	34750	LOCAL VEHICLE REGISTRATION FEE	416,182	350,000	400,000	400,000	400,000
687	34980	MEASURE BB BIKE/PEDESTRIAN PATH REVENUE	-	-	47,000	190,000	190,000
688	36950	MEASURE BB LOCAL STREETS AND ROADS	-	-	210,000	840,000	840,000
691	36950	MEASURE B REVENUE	(14,783)	-	-	45,000	20,000
693	35670	STATE PROP 50 WATER GRANT	(6,406)	10,000	8,000	-	-
695	36860	BART TO LIVERMORE	-	-	200,000	300,000	-
		Miscellaneous Capital Improvement Funds	**$ 2,000,231**	**$ 3,818,776**	**$ 7,471,943**	**$ 4,123,500**	**$ 4,800,000**
		SUBTOTAL CAPITAL IMPROVEMENT PROJECT FUNDS	$ 14,240,104	$ 27,601,746	$ 31,154,309	$ 29,115,921	$ 31,560,501
OTHER CIP BUDGET SOURCES							
003	36911	PARTICIPATION BY OTHERS	$ -	$ 8,710,000	$ 1,800,000	$ 4,135,000	$ 19,295,000
		Total Other CIP Budget Sources	**$ -**	**$ 8,710,000**	**$ 1,800,000**	**$ 4,135,000**	**$ 19,295,000**
		TOTAL OF CAPITAL IMPROVEMENT PROJECT FUNDS	**$ 14,240,104**	**$ 36,311,746**	**$ 32,954,309**	**$ 33,250,921**	**$ 50,855,501**
		TOTAL REVENUE OF ALL FUNDS	**$ 171,985,225**	**$ 195,323,197**	**$ 249,201,088**	**$ 196,862,169**	**$ 213,689,630**
700		RISK MANAGEMENT- LIABILITY	$ 2,030,997	$ 871,570	$ 1,500,000	$ 1,500,000	$ 1,500,000
710		RISK MANAGEMENT- W/C INSURANCE	2,167,386	1,384,000	2,179,680	2,231,570	2,288,390
720		INFORMATION TECHNOLOGY	1,999,770	1,863,232	2,734,500	2,584,500	2,594,500
730		FLEET & EQUIPMENT SERVICES	3,477,283	2,774,760	2,782,103	4,060,495	4,114,442

General Fund & Other Revenue Sources by Fund

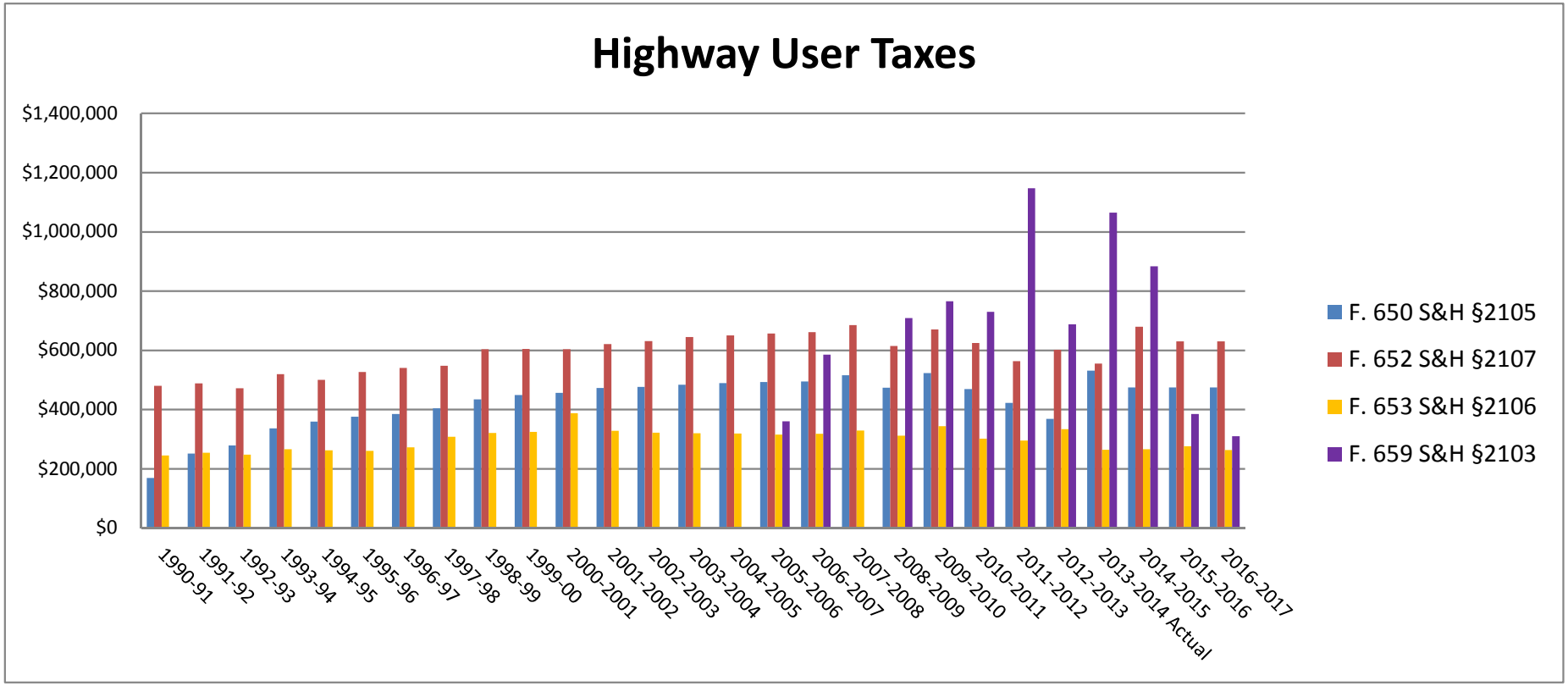
Fund	Account No. & Description	FY 2013-14 Actual	FY 2014-15 Existing	FY 2014-15 Projected	FY 2015-16 Projected	FY 2016-17 Projected
740	FACILITIES REHAB PROGRAM	2,801,884	2,385,275	2,436,301	2,373,496	2,384,395
750	REPROGRAPHICS	99,823	100,820	88,300	-	-
770	COL EMPLOYEE PAYROLL FUND	1,490,564	910,000	1,273,900	1,144,217	-
775	COL RETIREE HEALTH FUND	5,952,000	6,231,000	6,500,000	5,255,000	5,426,000
	Total Internal Service Funds	**$ 20,019,707**	**$ 16,520,657**	**$ 19,494,784**	**$ 19,149,278**	**$ 18,307,727**
	TOTAL REVENUE OF ALL FUNDS LESS INTERNAL SERVICE FUNDS	**$ 151,965,518**	**$ 178,802,540**	**$ 229,706,304**	**$ 177,712,891**	**$ 195,381,903**

Highway User Taxes

Description

Highway users tax (or gasoline tax) is apportioned to the city based on population. This is an excise tax authorized under the Streets & Highways Code, §§2106, 2107 and Prop 111. Taxes are designated for use in funding street repairs and improvements. The current tax rate is $0.18/gallon. The gas tax estimates are based upon the average % increase over the last 5 years for each of the various gas tax funds. In addition, under S&H §2107.5 an amount of $7500 per year is apportioned to cities with a population of 50,000 to 99,999.

Year	Fiscal Year	F. 650 S&H §2105	% Change	F. 652 S&H §2107	% Change	F. 653 S&H §2106	% Change	F. 659 S&H §2103	% Change
27	2016-2017	$475,000	0.0%	$630,900	0.0%	$264,000	-4.5%	$310,000	-19.5%
26	2015-2016	$475,000	0.0%	$630,900	-7.2%	$276,500	3.8%	$385,000	-56.4%
25	2014-2015	$475,000	-10.6%	$680,000	22.5%	$266,500	0.8%	$884,000	-17.0%
24	2013-2014 Actual	$531,370	43.9%	$555,252	-7.7%	$264,279	-21.0%	$1,064,863	54.8%
23	2012-2013	$369,271	-12.7%	$601,876	6.8%	$334,444	13.1%	$687,714	-40.1%
22	2011-2012	$422,885	-9.9%	$563,635	-9.8%	$295,836	-2.1%	$1,147,207	57.1%
21	2010-2011	$469,424	-10.3%	$624,738	-6.9%	$302,037	-12.3%	$730,124	-4.6%
20	2009-2010	$523,290	10.4%	$670,838	9.0%	$344,545	10.5%	$765,580	8.0%
19	2008-2009	$474,174	-8.1%	$615,366	-10.2%	$311,869	-5.5%	$709,014	--
18	2007-2008	$516,060	4.3%	$685,619	3.7%	$329,877	3.6%	$0	-100.0%
17	2006-2007	$494,747	0.4%	$661,367	0.6%	$318,381	1.0%	$585,821	62.4%
16	2005-2006	$492,815	0.6%	$657,278	1.0%	$315,337	-1.4%	$360,794	--
15	2004-2005	$489,810	1.2%	$650,772	0.8%	$319,678	-0.3%	$0	--
14	2003-2004	$484,241	1.6%	$645,481	2.2%	$320,726	-0.6%	$0	--
13	2002-2003	$476,386	0.8%	$631,856	1.6%	$322,593	-1.8%	$0	--
12	2001-2002	$472,715	3.4%	$621,784	3.0%	$328,396	-15.3%	$0	--
11	2000-2001	$457,121	1.8%	$603,742	-0.2%	$387,777	19.5%	$0	--
10	1999-00	$449,060	3.2%	$604,650	0.2%	$324,537	1.1%	$0	--
9	1998-99	$435,141	7.6%	$603,625	10.2%	$321,133	4.2%	$0	--
8	1997-98	$404,482	4.9%	$547,905	1.2%	$308,258	13.0%	$0	--
7	1996-97	$385,641	2.5%	$541,252	2.7%	$272,678	4.4%	$0	--
6	1995-96	$376,207	4.7%	$526,962	5.3%	$261,301	-0.5%	$0	--
5	1994-95	$359,248	6.5%	$500,616	-3.7%	$262,591	-1.3%	$0	--
4	1993-94	$337,182	20.8%	$519,599	10.0%	$266,004	7.2%	$0	--
3	1992-93	$279,035	10.9%	$472,505	-3.3%	$248,234	-2.5%	$0	--
2	1991-92	$251,497	48.1%	$488,439	1.6%	$254,572	3.7%	$0	--
1	1990-91	$169,783	--	$480,798	--	$245,463	--	$0	--
	Average change last 10 years		2.0%		1.9%		1.6%		-2.1%


Highway User Taxes
$1,400,000
$1,200,000
$1,000,000
$800,000
$600,000
$400,000
$200,000
$0
1990-91
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2005-2006
2006-2007
2007-2008
2008-2009
2009-2010
2010-2011
2011-2012
2012-2013
2013-2014 Actual
2014-2015
2015-2016
2016-2017
F. 650 S&H §2105
F. 652 S&H §2107
F. 653 S&H §2106
F. 659 S&H §2103

Reauthorization of Measure B Tax (Local Streets & Roads)-F. 678-36950
Reauthorization of Measure B Tax (Bike&Ped)-F. 677-36950
Measure F Alameda County Vehicle Registration Fee - F.681
New Measure B2 Tax (Local Streets & Roads)-F. 688
New Measure B2 Tax (Bike&Ped)-F. 687

Description

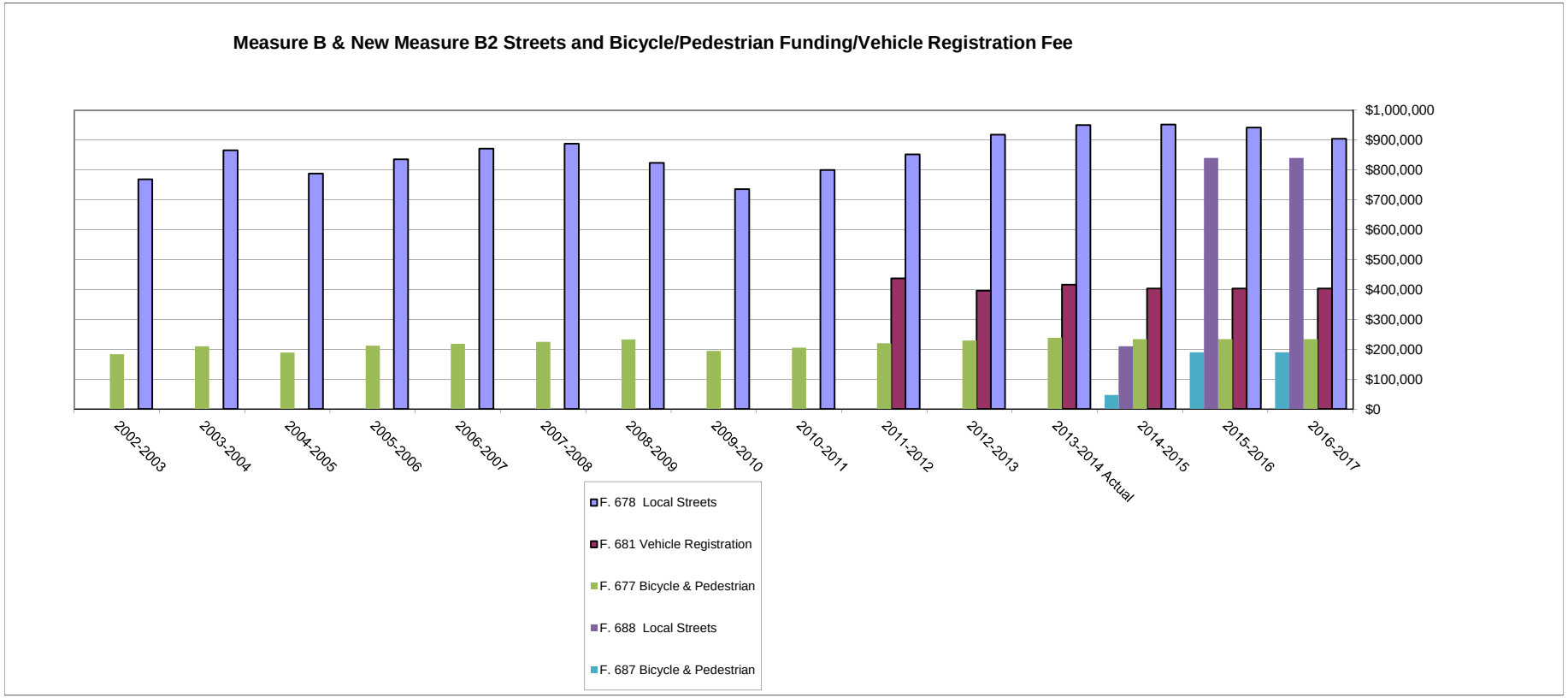
In November 1986 voters in Alameda County passed a 1/2 cent transportation sales tax measure that would terminate on March 31, 2002. The reauthorized Measure B tax permits the County to continue to collect the 1/2 cent tax for another twenty years beginning April 1, 2002. The measure was approved by 81.5% of the voters on November 7, 2000. The projects will total $1.4 billion in the following categories:

43% Mass transit including BART extension, ACE train, and county bus service
24% Local street and road infrastructure
17% Highway improvements
10% Senior and disabled transportation
6% Bicycle and pedestrian projects

In November 2010 voters in Alameda County passed Measure F which adds $10 to the fees associated with registering a vehicle in the County of Alameda. The measure was approved by 63.25% of the voters on November 2, 2010. The $11 million in revenue each year to repair and maintain local streets and roads, improve traffic flow and bicyclists, pedestrian and driver safety.

In November 2014 voters in Alameda County passed with 70% approval Measure B2 which will generate nearly $8 Billion over 30 years for essential transportation projects in every City throughout Alameda County.

Year	Fiscal Year	F. 678 Local Streets	% Change	F. 677 Bicycle & Pedestrian	% Change	F. 688 Local Streets	% Change	F. 687 Bicycle & Pedestrian	% Change	F. 681 Vehicle Registration	% Change
14	2016-2017	$904,000	-4.0%	$234,000	0.0%	$840,000	0.0%	$190,000	0.0%	$403,000	0.0%
13	2015-2016	$941,500	-1.1%	$234,000	0.0%	$840,000	300.0%	$190,000	304.3%	$403,000	0.0%
12	2014-2015	$951,500	0.2%	$234,000	-2.0%	$210,000	--	$47,000	--	$403,000	-3.2%
11	2013-2014 Actual	$949,750	3.4%	$238,667	3.9%					$416,182	5.0%
10	2012-2013	$918,400	7.8%	$229,700	4.4%					$396,335	-9.4%
9	2011-2012	$852,000	6.5%	$220,000	6.9%					$437,264	--
8	2010-2011	$799,632	8.7%	$205,776	6.0%					--	--
7	2009-2010	$735,459	-10.7%	$194,180	-16.6%					--	--
6	2008-2009	$823,534	-7.3%	$232,959	3.8%					--	--
5	2007-2008	$888,164	1.9%	$224,533	3.0%					--	--
4	2006-2007	$871,418	4.3%	$218,090	3.1%					--	--
3	2005-2006	$835,305	6.0%	$211,595	12.0%					--	--
2	2004-2005	$787,742	-9.0%	$188,842	-10.3%					--	--
1	2003-2004	$865,459	12.5%	$210,529	14.5%					--	--
	2002-2003	$769,049	--	$183,887	--					--	--
	Average change for last 10 years		1.2%		1.6%		N/A		N/A		N/A


Measure B & New Measure B2 Streets and Bicycle/Pedestrian Funding/Vehicle Registration Fee
$1,000,000
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
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2002-2003
2003-2004
2004-2005
2005-2006
2006-2007
2007-2008
2008-2009
2009-2010
2010-2011
2011-2012
2012-2013
2013-2014 Actual
2014-2015
2015-2016
2016-2017
F. 678 Local Streets
F. 681 Vehicle Registration
F. 677 Bicycle & Pedestrian
F. 688 Local Streets
F. 687 Bicycle & Pedestrian

City of Livermore
Sewer Connection Fees, Water Storage Fees, and Storm Drainage Fees
Funds 241-36100, 251-37700, 308-36400

Development Projections

The revenue estimate for Fiscal Year 2014-2015 was based on 56 single family dwelling units, 204 multi family dwelling units, and 308,429 sf of commercial, 36,261 sf of office, 99,829 sf of industrial and 1,304,185 sf of warehouse development square footage estimates.

The revenue estimate for Fiscal Year 2015-2016 was based on 128 single family dwelling units, 369 multi family units and 1,500 sf of office, 98,419 sf of industrial and 508,000 sf of warehouse development square footage estimates.

The revenue estimate for Fiscal Year 2016-2017 was based on 135 single family dwelling units, 210 multi family units and 98,419 sf of commercial, 508,000 sf of office and 28,199 sf of warehouse development square footage estimates.

Description of Sewer Connection Fee

The Sewer Connection fee provides for the construction and expansion of the city wastewater system, inclusive of the treatment plant, disposal system and collection system trunk lines and a wastewater irrigation incentive program. As of January 1, 2015, the sewer connection fee was approximately $5,181 per single-family residence and from $2,746 to $5,181 for multiple family residences. For industrial, commercial, or restaurant uses the sewer connection fee is based upon the average daily wastewater flow depending upon classification and square footage of the building.

Description of Water Connection Fee

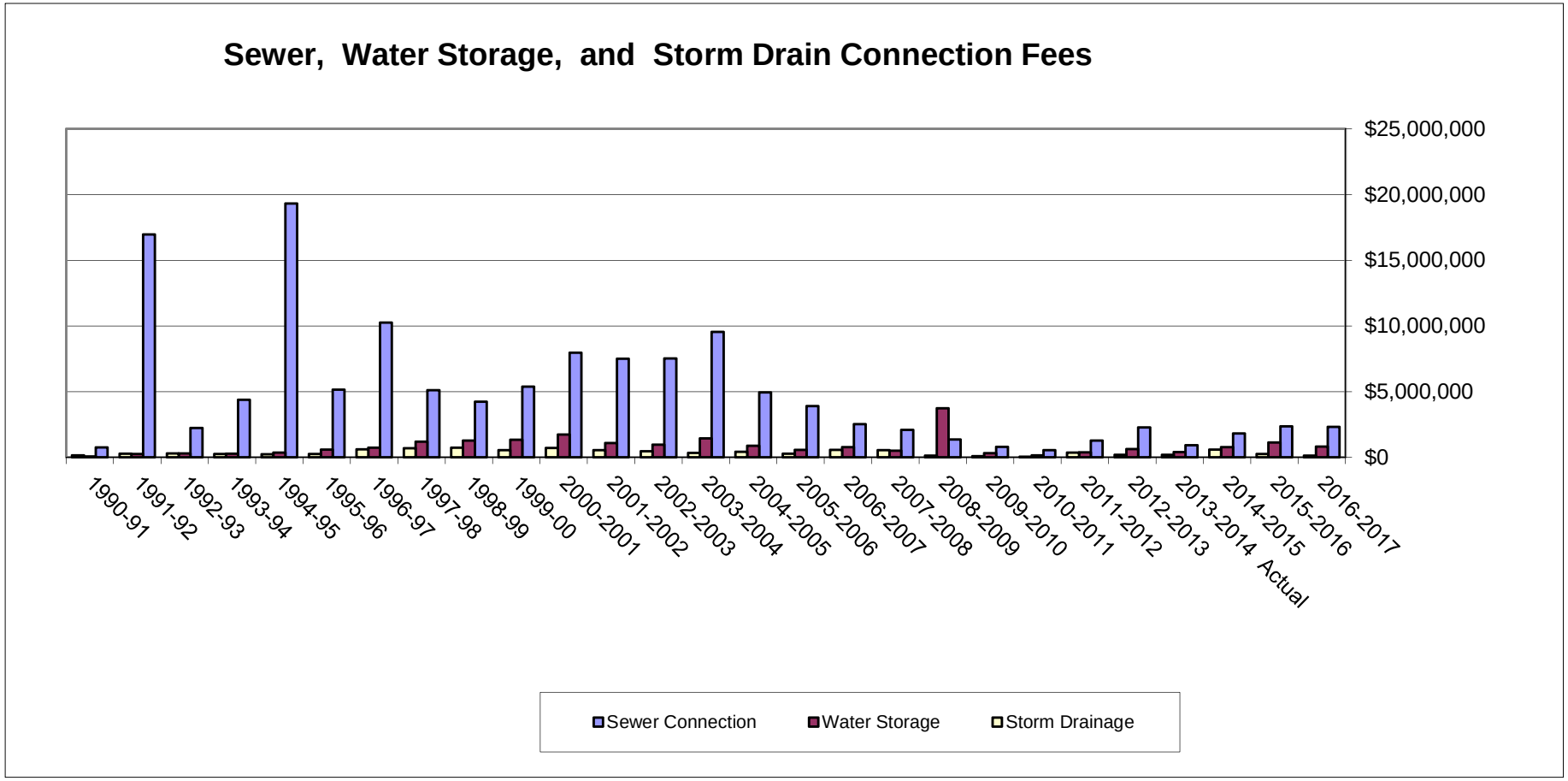
The Water Storage fee provides for water storage facilities, connections to the potable or recycled water system of the city water system. As of January 1, 2015, water connection fees were $3,954 for 5/8", $5,931 for 3/4", $9,884 for 1", $19,769 for 1.5", and $31,630 for 2" meters. Portions of the City's water system south of I-580 in the downtown area and South Livermore are under the service of the Cal Water District so many of the units being developed in the City are in the Cal Water District and will not generate revenue for the City. so many of the units being developed in the City are in the Cal Water District and will not generate revenue for the City.

Description of the Storm Drain Connection Fee

The Storm Drainage fee is for the purpose of providing capital funds for the expansion of the storm water drainage system, the servicing of indebtedness for such purpose, and the reimbursement of persons installing facilities of excess capacity. As of January 1, 2015, the City storm drain fees was based on all new impervious surface area including roads, sidewalks, buildings and other impervious surfaces multiplied by $0.30/square foot.

Sewer Connection Fees, Water Storage Fees, and Storm Drainage Fees

Year	Fiscal Year	Sewer Connection	% Change	Water Storage	% Change	Storm Drainage	% Change
27	2016-2017	$2,314,000	-1.5%	$820,000	-27.2%	$131,000	-47.8%
26	2015-2016	$2,350,000	29.8%	$1,126,000	45.9%	$251,000	-57.7%
25	2014-2015	$1,811,000	96.3%	$772,000	91.1%	$594,000	209.8%
24	2013-2014 Actual	$922,479	-59.4%	$403,951	-35.6%	$191,736	-0.3%
23	2012-2013	$2,274,246	77.8%	$627,601	61.9%	$192,316	-45.3%
22	2011-2012	$1,278,759	137.5%	$387,644	164.4%	$351,332	857.4%
21	2010-2011	$538,346	-31.5%	$146,616	-54.3%	$36,697	-52.9%
20	2009-2010	$786,282	-42.3%	$320,673	-91.4%	$77,978	-40.4%
19	2008-2009	$1,362,445	-34.5%	$3,738,683	635.5%	$130,918	-76.4%
18	2007-2008	$2,078,544	-17.5%	$508,301	-34.5%	$554,271	-1.2%
17	2006-2007	$2,520,400	-35.5%	$776,375	34.6%	$561,223	1.0%
16	2005-2006	$3,907,095	-20.8%	$576,800	-33.7%	$279,441	-32.5%
15	2004-2005	$4,933,140	-48.3%	$870,268	-39.4%	$413,996	19.0%
14	2003-2004	$9,542,097	26.6%	$1,435,291	50.7%	$347,830	-24.9%
13	2002-2003	$7,537,016	0.5%	$952,730	-12.1%	$462,897	-15.9%
12	2001-2002	$7,500,855	-5.9%	$1,083,463	-37.2%	$550,460	-23.9%
11	2000-2001	$7,972,578	48.2%	$1,725,255	29.0%	$722,897	31.4%
10	1999-00	$5,381,353	27.1%	$1,337,749	5.3%	$550,239	-24.4%
9	1998-99	$4,235,339	-17.0%	$1,270,553	7.0%	$727,519	4.7%
8	1997-98	$5,100,000	-50.2%	$1,187,000	61.9%	$695,000	15.4%
7	1996-97	$10,249,000	98.6%	$733,000	26.6%	$602,000	135.8%
6	1995-96	$5,160,000	-73.3%	$579,000	60.9%	$255,296	8.4%
5	1994-95	$19,321,000	340.3%	$359,758	30.5%	$235,599	-5.5%
4	1993-94	$4,388,000	96.7%	$275,770	-7.1%	$249,236	-15.5%
3	1992-93	$2,231,000	-86.8%	$296,923	12.6%	$295,076	7.1%
2	1991-92	$16,965,000	2153.0%	$263,613	305.7%	$275,562	94.5%
1	1990-91	$753,000	N/A	$64,970	N/A	$141,641	N/A
	Average change for last 10 years		-7.4%		60.7%		62.8%


Sewer, Water Storage, and Storm Drain Connection Fees
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
1990-91
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2010-2011
2011-2012
2012-2013
2013-2014 Actual
2014-2015
2015-2016
2016-2017
Sewer Connection
Water Storage
Storm Drainage

City of Livermore
Solid Waste and Recycling Impact Fee F. 344
Short Keys 35555 and 35557

Description

On June 25, 2007 the City Council approved a negotiated 13.6% rate increase with City's waste hauler for residential and commercial solid waste rates. Approximately, 6.4% of the 13.6% rate increase is to implement a Refuse Collection Vehicle Impact Fee in Livermore to provide funding for the street maintenance program costs that are associated with the impact of heavy refuse collection vehicles. Based on the April 11, 2007 Vehicle Impact Fee Study prepared by HF&H, the annual estimated street impact is estimated to be $838,000. Approximately 1.1% of the 13.6% rate increase is to fund the implementation of a Neighborhood Preservation Fee. This fee would support approximately 25% of the Neighborhood Preservation Programs (or $140,000) which are directly related to solid waste activities.

The revenue estimate for Fiscal Years 2014-2015 through 2016-2017 is based upon the April 11, 2007 Vehicle Impact Fee Study which estimated $838,000 (short key 35555) per year plus the Neighborhood Preservation Fee amount of $140,000 (short key 35557) per year.

Year	Fiscal Year	F. 344 SWR Impact Fee	% Change
9	2016-2017	$1,132,415	3.0%
8	2015-2016	$1,099,432	-4.4%
7	2014-2015	$1,149,490	9.8%
6	2013-2014 Actual	$1,046,644	2.1%
5	2012-2013	$1,024,900	1.9%
4	2011-2012	$1,006,225	2.9%
3	2010-2011	$978,000	0.0%
2	2009-2010	$978,000	0.0%
1	2008-2009	$978,000	0.0%
	2007-2008	$978,000	N/A
	Average change for last 5 years		1.4%

Traffic Impact Fees F. 306-35540

Description

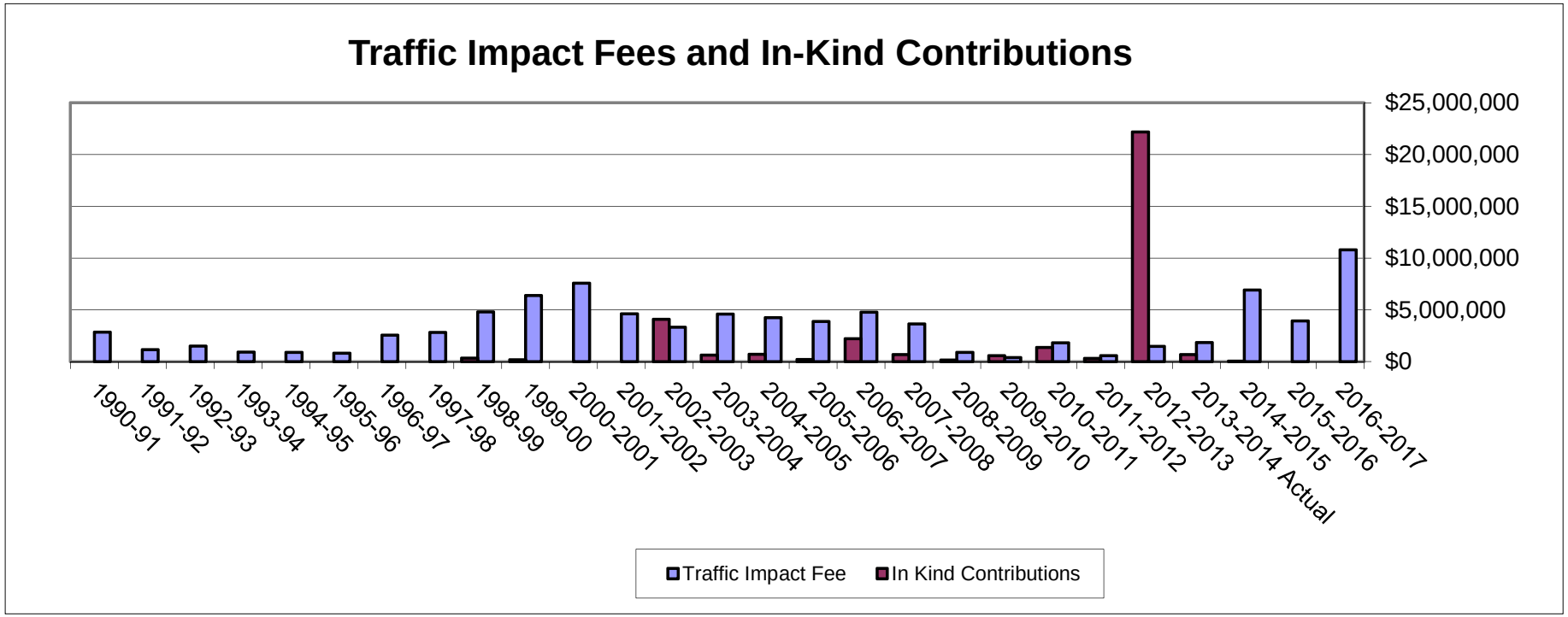
The traffic impact fee is for the purpose of constructing or providing the circulation system improvements identified by the City Council. As of January 1, 2015, the traffic impact fee was $7,950 per single family residence, $3,705 to $6,268 for multi-family residences, and $2,440 for senior housing. Non-residential fees per KSF are $21,592 for commercial, $13,823 for office, $8,582 for industrial and $4,336 for warehouse. Hotel/motel fees are $6,233 per room. Downtown multi-family rates are $2,274 to $3,848 and commercial fees per KSF are $9,777

The revenue estimate for Fiscal Year 2014-2015 was based on 56 single family dwelling units, 204 multi family dwelling units, and 308,429 sf of commercial, 36,261 sf of office, 99,829 sf of industrial and 1,304,185 sf of warehouse development square footage estimates.

The revenue estimate for Fiscal Year 2015-2016 was based on 128 single family dwelling units, 369 multi family units and 1,500sf of office, 98,419 sf of industrial and 508,000 sf of warehouse development square footage estimates.

The revenue estimate for Fiscal Year 2016-2017 was based on 135 single family dwelling units, 210 multi family units and 98,419sf of commercial, 508,000 sf of office and 28,199 sf of warehouse development square footage estimates.

Year	Fiscal Year	Traffic Impact Fee	% Change	In Kind Contributions
26	2016-2017	$10,803,000	174.4%	$0
25	2015-2016	$3,937,000	-43.0%	$0
24	2014-2015	$6,910,000	278.0%	$40,000
23	2013-2014 Actual	$1,827,853	23.9%	$681,850
22	2012-2013	$1,475,381	158.7%	$22,175,000
21	2011-2012	$570,333	-68.5%	$312,000
20	2010-2011	$1,813,127	361.3%	$1,375,000
19	2009-2010	$393,028	-55.7%	$561,020
18	2008-2009	$887,337	-75.5%	$150,000
17	2007-2008	$3,627,834	-23.8%	$682,320
16	2006-2007	$4,759,946	22.6%	$2,200,000
15	2005-2006	$3,883,159	-8.8%	$200,000
14	2004-2005	$4,256,648	-7.1%	$701,930
13	2003-2004	$4,581,648	37.5%	$618,000
12	2002-2003	$3,332,028	-27.9%	$4,086,750
11	2001-2002	$4,621,608	-39.0%	N/A
10	2000-2001	$7,576,794	18.9%	N/A
9	1999-00	$6,371,241	32.6%	$173,662
8	1998-99	$4,803,359	70.7%	$347,807
7	1997-98	$2,813,849	10.4%	N/A
6	1996-97	$2,549,763	213.4%	N/A
5	1995-96	$813,554	-9.0%	N/A
4	1994-95	$893,747	-2.9%	N/A
3	1993-94	$920,151	-38.7%	N/A
2	1992-93	$1,501,026	29.8%	N/A
1	1991-92	$1,156,212	-59.2%	N/A
0	1990-91	$2,835,547	N/A	N/A
	Average change for last 10 years		32.7%	


Traffic Impact Fees and In-Kind Contributions
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
1990-91
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2010-2011
2011-2012
2012-2013
2013-2014 Actual
2014-2015
2015-2016
2016-2017
Traffic Impact Fee
In Kind Contributions

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LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests

Summary of Expenditures by Fund

Fund	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
General Fund	001	$ 2,110,609	$ 2,310,000	$ 1,350,000	$ 3,115,000	$ 360,000	$ 79,782,880
Airport	210	3,483,099	1,056,500	542,000	1,374,840	68,300	3,532,000
Airport Grant	212	-	1,800,000	288,000	1,348,560	-	-
Water Resources Replcmnt	239	1,855,000	12,325,000	5,730,000	3,600,000	900,000	103,615,000
Stormwater User	240	32,000	60,000	260,000	-	-	-
Sewer Connection Fees	241	1,085,000	3,085,000	2,035,000	1,710,000	10,000	16,900,000
Water Connection Fees	251	30,000	100,000	10,000	10,000	10,000	20,195,750
Water Replacement	259	-	1,325,000	-	-	-	65,693,250
Las Positas Golf	270	30,000	-	-	1,400,000	-	2,285,000
Developers Deposit	302	-	120,000	350,000	-	-	-
Public Utility Undrgrndg	303	-	-	-	150,000	638,475	-
Vasco Ace - Connector Rd	304	-	-	-	437,000	-	-
Traffic Impact Fee (TIF)	306	1,961,274	3,846,000	1,761,800	2,767,000	865,000	266,681,000
Storm Drain	308	65,000	210,000	310,000	3,260,000	210,000	5,987,000
LCPFA 2008 COPS CF	310	245,000	1,650,000	-	-	-	-
TVTC 20% Fee	321	120,000	100,000	60,000	25,000	-	-
LARPD	323	50,000	-	-	800,000	-	1,041,000
Frmr Rte 84-Repair Funds	336	123,000	-	435,000	-	-	-
Park Fee - AB 1600	337	3,170,000	5,300,000	4,600,000	-	-	700,000
El Charro Developer Fees	341	2,667,000	556,600	-	6,254,200	-	-
S W & R Impact Fee	344	1,200,867	1,020,000	635,000	900,000	900,000	14,100,000
LCPFA 2011 COPS CF	346	264,000	130,000	-	-	-	-
Fire Stn & Other Cap Proj	347	2,700,000	3,140,000	-	-	-	-
Low Income Housing Fund	611	-	68,000	-	-	-	-
Maintenance District L&Ld	614	40,000	345,000	20,000	20,000	-	396,000
Spec Proj Commitment Fund	616	-	-	-	31,610	-	329,000
Gas Tax Prop 111	650	346,069	1,120,000	625,000	510,000	600,000	8,700,000
Special Gas Tax-2107	652	105,300	830,000	405,000	430,000	385,000	9,543,120
Special Gas Tax-2106	653	631,180	584,000	309,000	279,000	324,000	1,344,000
Federal Street Grants	656	1,292,550	686,000	2,000,000	-	-	-
Gas Tax - 2103	659	562,460	1,281,600	555,000	1,460,000	910,000	14,662,380
Tvtc Rte 84 Corridor Imps	660	325,757	-	-	-	-	-

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests

Summary of Expenditures by Fund

Fund	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Local St & Rd - Prop 1B	663	10,000	-	-	-	-	-
MTC - Federal TDA	674	-	200,000	200,000	-	-	-
Measure B-Bike/Pedestrian	677	524,491	430,000	265,000	315,000	115,000	3,755,900
Measure B-2000 Pass-Thru	678	1,485,000	560,000	1,197,500	1,232,500	950,000	16,925,000
Measure B Isabel Intrchge	679	3,375,214	-	-	-	-	-
State Street Grants	680	83,000	275,000	-	-	-	-
Local Vehicle Reg Fee	681	260,000	766,000	300,000	350,000	350,000	5,600,000
Measure BB-Bike/Pedestrian	687	-	195,000	100,000	150,000	100,000	1,600,000
Measure BB-Local St & Rd	688	-	356,000	910,000	1,210,000	710,000	14,560,000
Msr B - Isabel Widening	691	-	45,000	20,000	-	-	-
State Prop 50 Water Grant	693	700	-	-	-	-	-
Bart To Livermore	695	200,000	300,000	-	-	-	-
Fleet & Eqt Services	730	-	-	-	80,000	-	-
Facilities Rehab Pgm	740	60,000	500,000	70,000	550,000	500,000	250,000
Zone 7 (Doerty Vly) Stlmt	925	-	-	-	-	-	4,460,000
PG&E Rule 20A Funding	B	-	1,000,000	750,000	2,000,000	600,000	14,925,000
Participation By Others	D	1,800,000	1,635,000	2,095,000	38,275,000	-	427,577,800
Unfunded Infrastructure Maintenance Obligations	U	-	-	-	-	-	589,620,000
Future Grants Or Anticipated Revenue	W	-	2,284,000	21,739,000	4,710,000	2,160,000	143,167,780
Total		**$32,293,570**	**$51,594,700**	**$49,927,300**	**$78,754,710**	**$11,665,775**	**$1,837,928,860**

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Projects Listed by Fund

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
001 General Fund								
New Fire Station No. 9	199455	001	$ 341,152	$ -	$ -	$ -	$ -	$ -
Centralized Irrigation System (CIS)	199473	001	400,000	-	-	-	-	-
Police Facility, Interior Renovation & Expansion	200028	001	-	-	-	-	-	7,919,450
Annual Misc Storm Drain Reimbursements	200056	001	100,000	100,000	30,000	100,000	100,000	50,000
Airway Blvd. Culvert Desilting	200066	001	30,000	15,000	15,000	15,000	-	-
Arroyo Mocho Bank Stabilization	200078	001	25,000	-	-	-	-	-
North "L" Street Utility Undergrounding	200098	001	-	-	-	-	-	120,000
Jack London Landscape Rehabilitation Project	200427	001	-	-	-	125,000	-	-
Doolan Park Landscape Rehabilitation Project	200429	001	-	-	-	125,000	-	-
Improvements to First Street Paseos	200437	001	-	-	-	350,000	-	-
Stream Channel Master Plans	200445	001	-	40,000	10,000	10,000	10,000	200,000
Downtown Landscape Rehabilitation	200512	001	-	-	-	100,000	-	-
New Springtown Branch Library	200514	001	-	-	-	-	-	7,650,000
Raymond Road Landfill Rehabilitation	200620	001	35,000	35,000	35,000	-	-	-
Civic Center Library Parking Lot Expansion	200637	001	-	-	-	-	-	125,000
Decorative Wall Replacement - Citywide	200654	001	20,000	300,000	-	400,000	-	4,152,800
Tree Inventory	200658	001	-	-	-	170,000	-	750,000
Citywide Landscape Enhancements	200840	001	-	-	50,000	100,000	-	31,000,000
East Avenue Utility Undergrounding	200841	001	-	-	-	-	-	105,000
South Livermore Ave Utility Undergrounding	200843	001	-	-	-	-	-	150,000
South L Street Utility Undergrounding	200844	001	-	-	-	-	-	60,000
Water Wall Retrofit	200914	001	-	-	-	-	-	120,000
Ravenswood Historical Site Imps./Bldg. Repairs	200920	001	45,000	-	-	-	-	582,500
Holmes and Arroyo Mocho Vacant Lot Landscaping	201022	001	-	-	-	-	-	110,000
Holmes and Deer Hollow Landscaping	201023	001	-	-	-	-	-	220,000
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	001	17,000	-	-	-	-	-
Storm Drain Trash Capture Devices	201030	001	-	-	60,000	-	-	-
Carnegie Library Building	201034	001	-	-	-	-	-	25,000
Toyota Wetland Mitigation Project	201035	001	5,000	20,000	20,000	20,000	-	20,000
Arroyo Las Positas & Mocho Flood Control	201216	001	-	25,000	25,000	25,000	-	-
Airway Blvd. Flood Control	201218	001	-	-	25,000	-	-	-
CAD System Hardware/Software Upgrade	201221	001	-	-	125,000	125,000	125,000	250,000
ADA Building Compliance	201308	001	-	-	-	300,000	-	9,027,000
Citywide Culvert Outfall Project	201323	001	120,000	278,000	225,000	125,000	125,000	-
Culvert Improvements	201413	001	-	-	-	-	-	5,202,000

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Hagemann Farm Site Assessment and Renovation	201416	001	75,000	150,000	100,000	-	-	-
Livermore Village Waste Disposal Facility	201435	001	-	30,000	30,000	425,000	-	-
Livermorium Plaza at Mills Square Park	201436	001	-	175,000	-	-	-	-
Demolition of Downtown Property	201437	001	-	32,000	-	-	-	-
Carnegie Park Enhancements	201524	001	-	-	-	-	-	500,000
West Jack London Blvd Widening	201528	001	325,000	-	-	-	-	-
HVAC Improvements at the Las Positas Golf Course Restaurant	201530	001	225,000	-	-	-	-	-
Asset Management Plan	201612	001	100,000	300,000	200,000	-	-	-
Electric Vehicle Charging Stations	201616	001	-	-	300,000	70,000	-	-
Annual Traffic Calming Program	201705	001	-	-	-	80,000	-	1,280,000
Citywide Park Facilities Rehabilitation	201812	001	-	-	-	-	-	731,000
Citywide Street Tree Irrigation	201813	001	-	-	-	350,000	-	3,850,000
Ravenswood Building Site Assessment and Improvements	201814	001	-	-	-	-	-	50,000
Historic Property Appraisal and Acquisition	201823	001	-	-	-	-	-	1,500,000
Iron Horse Trail (Downtown)	201824	001	-	-	-	-	-	2,033,130
Brickyard Fountain Renovation	201828	001	-	-	-	-	-	500,000
Bankhead Theater Building Repairs & Upgrades	201913	001	-	-	-	-	-	500,000
Railroad Depot Relocation	580001	001	241,707	370,000	-	-	-	-
Livermore Village Infrastructure	583018	001	-	-	-	-	-	1,000,000
Shea Plaza Downtown Waste Disposal Facility	583019	001	-	20,000	100,000	-	-	-
Livermore Village Parking Garage Construction	586003	001	5,750	420,000	-	-	-	-
Downtown Public/Private Parking	586008	001	-	-	-	100,000	-	-
001 General Fund		**Total**	**$2,110,609**	**$ 2,310,000**	**$ 1,350,000**	**$ 3,115,000**	**$ 360,000**	**$ 79,782,880**
210 Airport								
Miscellaneous Airport Repair Design Services	200636	210	$ 36,205	$ 30,000	$ 30,000	$ 30,000	$ -	$ 480,000
Airport Administration Building	200711	210	3,056,894	-	-	-	-	-
Arroyo Las Positas Airport Flood Control	201217	210	200,000	100,000	100,000	700,000	-	-
Runway 7R/25L Overlay, Repainting & Lighting	201313	210	40,000	160,000	32,000	-	-	-
Slurry Seal Northside Aprons and Taxilanes	201314	210	-	-	-	89,400	-	-
North & South Hangar Outside Painting	201317	210	-	47,500	50,000	65,000	68,300	72,000
Slurry Seal Southside Hangar Taxilanes	201411	210	-	-	-	60,440	-	-
Airport Stormwater Treatment Master Plan	201419	210	60,000	-	-	-	-	-
Airport Administration Building Fencing	201421	210	35,000	-	-	-	-	-
Airport Fuel Tank Monitoring System Relocation	201422	210	-	40,000	-	-	-	-
Airport Parking Lot & Runway Security Cameras & Software Upgrade	201423	210	25,000	35,000	-	-	-	-
Airport Pavement Maintenance	201425	210	30,000	30,000	30,000	30,000	-	480,000

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Slurry Seal 2015	201504	210	-	20,000	-	-	-	-
Airport Terminal Building Demolition	201511	210	-	-	45,000	-	-	-
Airport Self-Serve Fuel Island Removal	201512	210	-	-	25,000	-	-	-
Airport Horse Ranch Parcel Mitigation	201513	210	-	75,000	-	-	-	-
Airport Electric Vehicle Charging Stations	201514	210	-	24,000	-	-	-	-
Airport Industrial Building - Roof Renovation	201613	210	-	80,000	-	-	-	-
Pavement Maintenance Management Program	201614	210	-	15,000	-	-	-	-
Airport Water Quality and HMP Basins	201615	210	-	400,000	-	400,000	-	-
Airport Long Term Parking Improvements	201617	210	-	-	230,000	-	-	-
Airport Maintenance Facility	201811	210	-	-	-	-	-	2,500,000
	210 Airport	**Total**	**$3,483,099**	**$ 1,056,500**	**$ 542,000**	**$ 1,374,840**	**$ 68,300**	**$ 3,532,000**
212 Airport Grant								
Runway 7R/25L Overlay, Repainting & Lighting	201313	212	$ -	$ 1,665,000	$ 288,000	$ -	$ -	$ -
Slurry Seal Northside Aprons and Taxilanes	201314	212	-	-	-	804,600	-	-
Slurry Seal Southside Hangar Taxilanes	201411	212	-	-	-	543,960	-	-
Pavement Maintenance Management Program	201614	212	-	135,000	-	-	-	-
	212 Airport Grant	**Total**	**$ -**	**$ 1,800,000**	**$ 288,000**	**$ 1,348,560**	**$ -**	**$ -**
239 Water Resources Replcmnt								
Isabel Ave./I-580 Interchange	199238	239	$ 490,000	$ -	$ -	$ -	$ -	$ -
Sanitary Sewer Mainline Bottlenecks	199874	239	-	-	-	-	-	5,000
Cogeneration Project at WRP	200444	239	-	225,000	2,000,000	-	-	-
WRP Electrical Distribution Improvements	200848	239	250,000	4,300,000	-	-	-	5,200,000
Sewer System Renewal and Replacement	200873	239	300,000	300,000	300,000	300,000	300,000	4,800,000
WRP Aeration Tank Modifications	201111	239	400,000	-	-	-	-	-
Sewer Manhole Rehabilitation	201112	239	10,000	150,000	-	-	-	-
WRP Rehabilitation and Process Improvements - 2015	201213	239	200,000	4,000,000	-	-	-	-
Annual Sanitary Sewer Replacement 2014	201403	239	200,000	2,000,000	-	-	-	-
Springtown Trunkline Replacement	201414	239	-	-	-	1,000,000	-	-
WRP Long Term Renewal Replacement Schedule	201442	239	-	-	-	-	-	61,180,000
Annual Sanitary Sewer Replacement 2015	201503	239	-	-	600,000	600,000	600,000	9,600,000
WRP HVAC and Roofing Repairs	201519	239	5,000	900,000	-	-	-	-
Storm and Sewer Lift Station Improvements	201521	239	-	-	280,000	-	-	-
WRP Emergency Generator	201522	239	-	150,000	1,350,000	-	-	-
WRP Aerated Grit System Improvements	201523	239	-	-	-	900,000	-	-
WRP Phase II Aeration Tank Modifications	201618	239	-	300,000	1,200,000	-	-	-
WRP Solids Capacity and Process Improvements	201816	239	-	-	-	-	-	1,900,000

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
WRP UV System Replacement	201817	239	-	-	-	-	-	3,700,000
WRP Biological Nutrient Removal Upgrades	201818	239	-	-	-	-	-	11,600,000
WRP Odor Control	201819	239	-	-	-	-	-	1,400,000
WRP Process Water Improvements	201829	239	-	-	-	800,000	-	-
WRP Phosphorous Recovery System	201911	239	-	-	-	-	-	3,900,000
WRP Miscellaneous Master Plan Projects	201912	239	-	-	-	-	-	330,000
239 Water Resources Replcmnt		**Total**	**$1,855,000**	**$12,325,000**	**$ 5,730,000**	**$ 3,600,000**	**$ 900,000**	**$ 103,615,000**
240 Stormwater User								
Bear Creek Drive Storm Drain Protection	200648	240	$ 15,000	$ 60,000	$ -	$ -	$ -	$ -
Storm Drain Trash Capture Devices	201030	240	17,000	-	-	-	-	-
Storm and Sewer Lift Station Improvements	201521	240	-	-	260,000	-	-	-
240 Stormwater User		**Total**	**$ 32,000**	**$ 60,000**	**$ 260,000**	**$ -**	**$ -**	**$ -**
241 Sewer Connection Fees								
Utility Master Planning	198815	241	$ 10,000	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 800,000
Sanitary Sewer Mainline Bottlenecks	199874	241	750,000	-	-	-	-	700,000
Cogeneration Project at WRP	200444	241	-	75,000	675,000	-	-	-
Wastewater Irrigation Incentive Program	200645	241	25,000	60,000	-	-	-	8,500,000
WRP Electrical Distribution Improvements	200848	241	-	1,500,000	-	-	-	-
WRP Aeration Tank Modifications	201111	241	300,000	-	-	-	-	-
WRP Rehabilitation and Process Improvements - 2015	201213	241	-	1,000,000	-	1,400,000	-	-
Annual Sanitary Sewer Replacement 2014	201403	241	-	300,000	-	-	-	-
WRP Emergency Generator	201522	241	-	50,000	450,000	-	-	-
WRP Aerated Grit System Improvements	201523	241	-	-	-	300,000	-	-
WRP Phase II Aeration Tank Modifications	201618	241	-	-	900,000	-	-	-
WRP Solids Capacity and Process Improvements	201816	241	-	-	-	-	-	3,000,000
WRP Biological Nutrient Removal Upgrades	201818	241	-	-	-	-	-	3,900,000
241 Sewer Connection Fees		**Total**	**$1,085,000**	**$ 3,085,000**	**$ 2,035,000**	**$ 1,710,000**	**$ 10,000**	**$ 16,900,000**
251 Water Connection Fees								
Utility Master Planning	198815	251	$ 30,000	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 600,000
Zone 2 Potable Water Storage Tank	199883	251	-	-	-	-	-	7,330,000
Zone 3 Potable Water System Improvements	199884	251	-	-	-	-	-	10,900,000
Southfront & I-580 Waterline Crossing	199885	251	-	-	-	-	-	1,365,750
251 Water Connection Fees		**Total**	**$ 30,000**	**$ 100,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 20,195,750**
259 Water Replacement								
Centralized Irrigation System (CIS)	199473	259	$ -	$ 375,000	$ -	$ -	$ -	$ -
Trevarno Pump Station Replacement	199655	259	-	-	-	-	-	650,000

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Zone 2 Potable Water Storage Tank	199883	259	-	-	-	-	-	3,670,000
Zone 3 Potable Water System Improvements	199884	259	-	-	-	-	-	1,100,000
Southfront & I-580 Waterline Crossing	199885	259	-	-	-	-	-	587,250
Northfront Rd Water Turnout	200724	259	-	-	-	-	-	290,000
Water System Renewal Replacement Schedule	201443	259	-	-	-	-	-	59,396,000
Water System Rehabilitation and Repair	201619	259	-	950,000	-	-	-	-
259 Water Replacement		**Total**	**$ -**	**$ 1,325,000**	**$ -**	**$ -**	**$ -**	**$ 65,693,250**
270 Las Positas Golf								
Las Positas Golf Course Back-Nine Irrig. Upgrade	199847	270	$ -	$ -	$ -	$ 1,000,000	$ -	$ -
Las Positas Golf Course Drainage Improvements	199914	270	-	-	-	-	-	100,000
Las Positas Golf Course Emergency Water System Conversion	199937	270	-	-	-	-	-	200,000
Las Positas Golf Course Hole #15 Restroom Bldg/Sewer Line	200015	270	-	-	-	250,000	-	-
Las Positas Golf Course Access Ramp Revisions	200119	270	-	-	-	-	-	110,000
Las Positas Golf Course Driving Range Staging Area	200625	270	-	-	-	150,000	-	-
Las Positas Golf Course Fencing	200629	270	-	-	-	-	-	250,000
El Charro Specific Plan Infrastructure	200720	270	30,000	-	-	-	-	-
Las Positas Golf Course Maintenance Facility Paving & Structure	200811	270	-	-	-	-	-	225,000
Las Positas Golf Course Pro Shop/Clubhouse Facility Rehab	200813	270	-	-	-	-	-	750,000
Las Positas Golf Course Clubhouse Dr./Parking Lot Landscape Rehat	200814	270	-	-	-	-	-	100,000
Las Positas Golf Course PG&E Electrical Panel	200816	270	-	-	-	-	-	150,000
Las Positas Golf Course Tree Removal - Pruning	200819	270	-	-	-	-	-	100,000
Las Positas Golf Course Exhaust Fans-Grinder & Chemical Room	200826	270	-	-	-	-	-	100,000
Golf Course Drainage Improvements	201914	270	-	-	-	-	-	200,000
270 Las Positas Golf		**Total**	**$ 30,000**	**$ -**	**$ -**	**$ 1,400,000**	**$ -**	**$ 2,285,000**
302 Developers Deposit								
West Jack London Blvd Widening	201528	302	$ -	$ 120,000	$ 350,000	$ -	$ -	$ -
302 Developers Deposit		**Total**	**$ -**	**$ 120,000**	**$ 350,000**	**$ -**	**$ -**	**$ -**
303 Public Utility Undrgrndg								
In-Lieu Utility Undergrounding	201226	303	$ -	$ -	$ -	$ 150,000	$ 638,475	$ -
303 Public Utility Undrgrndg		**Total**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 638,475**	**$ -**
304 Vasco Ace - Connector Rd								
Vasco ACE Parking Lot - Connector Road	200719	304	$ -	$ -	$ -	$ 437,000	$ -	$ -
304 Vasco Ace - Connector Rd		**Total**	**$ -**	**$ -**	**$ -**	**$ 437,000**	**$ -**	**$ -**
306 Traffic Impact Fee (TIF)								
First St. Widening- Portola Ave. to Scott St.	199132	306	$ 40,000	$ -	$ -	$ 332,000	$ -	$ 450,000
Master Traffic Signal Control System	199144	306	130,000	426,000	100,000	100,000	-	-

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Greenville Rd/I-580 Interchange	199149	306	-	-	-	-	-	31,000,000
Isabel Ave./I-580 Interchange	199238	306	105,000	580,000	155,000	-	-	36,576,000
Vasco Road/I-580 Interchange	199352	306	-	-	-	200,000	200,000	43,725,000
TIF Update	199371	306	25,000	25,000	200,000	200,000	200,000	1,000,000
Greenville Road Widening - National to Northfront	199830	306	-	-	-	-	-	6,400,000
Greenville Rd. Widening - Patterson to National	199831	306	-	-	-	-	-	6,520,000
N. Livermore Ave Widening - I-580 to Cromwell	199834	306	-	-	-	-	-	4,300,000
Vasco Rd. Widening - I 580 to Las Positas Rd.	199836	306	-	-	-	-	-	3,100,000
Las Positas Rd. Widening, Hiliker to First	199838	306	-	-	-	-	-	2,500,000
TIF Reimbursements	200076	306	820,000	1,640,000	300,000	-	-	5,000,000
Las Positas Rd Widening - First to Bennett	200083	306	-	-	31,800	-	-	4,045,000
BART to Livermore Extension	200122	306	650,966	500,000	500,000	500,000	-	40,000,000
I-580 Improvements	200124	306	40,308	25,000	25,000	25,000	25,000	-
North Canyons Pkwy./Dublin Blvd. Connection	200259	306	50,000	50,000	50,000	450,000	-	6,270,000
Holmes Street Widening	200351	306	-	-	-	-	-	3,500,000
North Vasco Road Median	200611	306	-	-	-	285,000	-	-
TIF Reimbursements Catholic High School SCIP	200828	306	-	-	-	-	390,000	10,850,000
Vasco Rd. Widening I-580 to Scenic Ave.	200833	306	-	-	-	-	-	3,510,000
Inman Street Widening	200834	306	-	-	-	-	-	280,000
Various Intersection Improvements	200835	306	-	-	-	300,000	-	3,410,000
Stanley Blvd Widening-Murrieta to West City Limit	200851	306	-	-	-	-	-	13,780,000
First Street/I-580 Interchange Improvements	200864	306	-	-	-	-	-	32,000,000
State Route 84 Utility Undergrounding	201324	306	25,000	25,000	75,000	50,000	50,000	-
Traffic Signal Installation Program	201431	306	75,000	575,000	325,000	325,000	-	325,000
S. Vasco Road Widening Las Positas to Patterson	201453	306	-	-	-	-	-	6,890,000
Portola Avenue Medians	201611	306	-	-	-	-	-	1,250,000
306 Traffic Impact Fee (TIF)		**Total**	**$1,961,274**	**$ 3,846,000**	**$ 1,761,800**	**$ 2,767,000**	**$ 865,000**	**$ 266,681,000**
308 Storm Drain								
Utility Master Planning	198815	308	$ 15,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 600,000
Annual Misc Storm Drain Reimbursements	200056	308	-	200,000	200,000	200,000	200,000	200,000
Major Storm Drain Trunkline Upgrades	200520	308	-	-	-	2,100,000	-	1,506,000
Brisa Storm Drain System Improvements	200723	308	50,000	-	100,000	950,000	-	-
Culvert Improvements	201413	308	-	-	-	-	-	3,681,000
308 Storm Drain		**Total**	**$ 65,000**	**$ 210,000**	**$ 310,000**	**$ 3,260,000**	**$ 210,000**	**$ 5,987,000**
310 LCPFA 2008 COPS CF								
Decorative Wall Replacement - Citywide	200654	310	$ -	$ 300,000	$ -	$ -	$ -	$ -

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El Charro Specific Plan Infrastructure	200720	310	95,000	-	-	-	-	-
CAD System Hardware/Software Upgrade	201221	310	150,000	1,350,000	-	-	-	-
310 LCPFA 2008 COPS CF		**Total**	**$ 245,000**	**$ 1,650,000**	**$ -**	**$ -**	**$ -**	**$ -**
321 TVTC 20% Fee								
Isabel Ave Widening-Jack London Blvd to Vallecitos	200458	321	$ 120,000	$ 100,000	$ 60,000	$ 25,000	$ -	$ -
321 TVTC 20% Fee		**Total**	**$ 120,000**	**$ 100,000**	**$ 60,000**	**$ 25,000**	**$ -**	**$ -**
323 LARPD								
Building Upgrades to the City Barn	200526	323	$ -	$ -	$ -	$ -	$ -	$ 383,500
Ravenswood Historical Site Imps./Bldg. Repairs	200920	323	50,000	-	-	-	-	582,500
Robertson Park Road Rehab.	201032	323	-	-	-	800,000	-	-
Carnegie Library Building	201034	323	-	-	-	-	-	25,000
Ravenswood Building Site Assessment and Improvements	201814	323	-	-	-	-	-	50,000
323 LARPD		**Total**	**$ 50,000**	**$ -**	**$ -**	**$ 800,000**	**$ -**	**$ 1,041,000**
336 Frmr Rte 84-Repair Funds								
Decorative Wall Replacement - Citywide	200654	336	$ 123,000	$ -	$ -	$ -	$ -	$ -
Street Resurfacing 2016	201601	336	-	-	435,000	-	-	-
336 Frmr Rte 84-Repair Funds		**Total**	**$ 123,000**	**$ -**	**$ 435,000**	**$ -**	**$ -**	**$ -**
337 Park Fee - AB 1600								
Trevarno Pump Station Replacement	199655	337	$ -	$ -	$ -	$ -	$ -	$ 300,000
Park Facilities Fee Reimbursements	200646	337	3,170,000	4,470,000	4,600,000	-	-	-
Trail Segmt L19 under the Portola Overcrossing	200655	337	-	750,000	-	-	-	-
The Del Valle Trail Extension	200714	337	-	-	-	-	-	400,000
Park Fee Update	201321	337	-	80,000	-	-	-	-
337 Park Fee - AB 1600		**Total**	**$3,170,000**	**$ 5,300,000**	**$ 4,600,000**	**$ -**	**$ -**	**$ 700,000**
341 El Charro Developer Fees								
El Charro Specific Plan Infrastructure	200720	341	$2,667,000	$ 556,600	$ -	$ 6,254,200	$ -	$ -
341 El Charro Developer Fees		**Total**	**$2,667,000**	**$ 556,600**	**$ -**	**$ 6,254,200**	**$ -**	**$ -**
344 S W & R Impact Fee								
Street Resurfacing 2014	201401	344	$ 250,000	$ -	$ -	$ -	$ -	$ -
Annual Sanitary Sewer Replacement 2014	201403	344	-	70,000	-	-	-	-
Slurry Seal 2014	201404	344	471,696	-	-	-	-	-
2014 Arterial Street Rehabilitation Project	201417	344	179,171	-	-	-	-	-
Street Resurfacing 2015	201501	344	150,000	450,000	-	-	-	-
Slurry Seal 2015	201504	344	150,000	200,000	-	-	-	-
Street Resurfacing 2016	201601	344	-	150,000	100,000	-	-	-

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Capital Improvement Program Budget Requests
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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Slurry Seal 2016	201604	344	-	150,000	235,000	-	-	-
Street Resurfacing 2017	201701	344	-	-	150,000	300,000	-	-
Slurry Seal 2017	201704	344	-	-	150,000	300,000	-	-
Street Resurfacing 2018	201801	344	-	-	-	150,000	300,000	-
Slurry Seal 2018	201804	344	-	-	-	150,000	300,000	-
Street Resurfacing 2019	201901	344	-	-	-	-	150,000	7,050,000
Slurry Seal 2019	201904	344	-	-	-	-	150,000	7,050,000
344 S W & R Impact Fee		**Total**	**$1,200,867**	**$ 1,020,000**	**$ 635,000**	**$ 900,000**	**$ 900,000**	**$ 14,100,000**
346 LCPFA 2011 COPS CF								
El Charro Specific Plan Infrastructure	200720	346	$ 264,000	$ -	$ -	$ -	$ -	$ -
West Jack London Blvd Widening	201528	346	-	130,000	-	-	-	-
346 LCPFA 2011 COPS CF		**Total**	**$ 264,000**	**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ -**
347 Fire Stn & Other Cap Proj								
New Fire Station No. 9	199455	347	$2,550,000	$ 1,960,000	$ -	$ -	$ -	$ -
Livermorium Plaza at Mills Square Park	201436	347	150,000	400,000	-	-	-	-
Livermore Village Parking Garage Construction	586003	347	-	780,000	-	-	-	-
347 Fire Stn & Other Cap Proj		**Total**	**$2,700,000**	**$ 3,140,000**	**$ -**	**$ -**	**$ -**	**$ -**
611 Low Income Housing Fund								
Demolition of Downtown Property	201437	611	$ -	$ 68,000	$ -	$ -	$ -	$ -
611 Low Income Housing Fund		**Total**	**$ -**	**$ 68,000**	**$ -**	**$ -**	**$ -**	**$ -**
614 Maintenance District L&Ld								
Centralized Irrigation System (CIS)	199473	614	$ -	$ 325,000	$ -	$ -	$ -	$ -
Carnegie Park Rehabilitation	200660	614	40,000	20,000	20,000	20,000	-	396,000
614 Maintenance District L&Ld		**Total**	**$ 40,000**	**$ 345,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ 396,000**
616 Spec Proj Commitment Fund								
Vasco Road/I-580 Interchange	199352	616	$ -	$ -	$ -	$ 31,610	$ -	$ -
Arroyo Las Positas Trail- Walmart	200245	616	-	-	-	-	-	309,000
Iron Horse Trail (Outside of Downtown)	201037	616	-	-	-	-	-	20,000
616 Spec Proj Commitment Fund		**Total**	**$ -**	**$ -**	**$ -**	**$ 31,610**	**$ -**	**$ 329,000**
650 Gas Tax Prop 111								
North "L" Street Utility Undergrounding	200098	650	$ -	$ -	$ -	$ -	$ -	$ 200,000
Annual Street Lighting	200113	650	31,069	30,000	30,000	30,000	30,000	480,000
Murrieta Blvd. Landscape Improvements Phase 1, 2, 3	200411	650	-	-	-	-	100,000	1,350,000
Annual Curb and Gutter Replacement	200722	650	-	15,000	15,000	15,000	15,000	240,000
East Avenue Utility Undergrounding	200841	650	-	-	-	-	-	140,000

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
South Livermore Ave Utility Undergrounding	200843	650	-	-	-	-	-	50,000
Traffic Signal Reconstruction	201021	650	-	300,000	-	-	-	-
Annual Vehicle Bridge Maintenance	201036	650	15,000	15,000	120,000	15,000	15,000	240,000
Annual Sanitary Sewer Replacement 2014	201403	650	-	70,000	-	-	-	-
Slurry Seal 2014	201404	650	200,000	-	-	-	-	-
ADA Access Ramps 2015-16	201407	650	10,000	140,000	-	-	-	-
2014 Arterial Street Rehabilitation Project	201417	650	40,000	-	-	-	-	-
Traffic Signal Controller Cabinet Upgrade	201430	650	50,000	200,000	100,000	-	-	-
Street Resurfacing 2015	201501	650	-	150,000	-	-	-	-
Slurry Seal 2015	201504	650	-	200,000	-	-	-	-
ADA Accesss Ramps 2017-18	201507	650	-	-	10,000	140,000	-	-
Street Resurfacing 2016	201601	650	-	-	200,000	-	-	-
Slurry Seal 2016	201604	650	-	-	150,000	-	-	-
ADA Access Ramps 2018-19	201607	650	-	-	-	10,000	140,000	1,200,000
Street Resurfacing 2017	201701	650	-	-	-	200,000	-	-
Slurry Seal 2017	201704	650	-	-	-	100,000	-	-
Street Resurfacing 2018	201801	650	-	-	-	-	200,000	-
Slurry Seal 2018	201804	650	-	-	-	-	100,000	-
Street Resurfacing 2019	201901	650	-	-	-	-	-	3,200,000
Slurry Seal 2019	201904	650	-	-	-	-	-	1,600,000
650 Gas Tax Prop 111		**Total**	**$ 346,069**	**$ 1,120,000**	**$ 625,000**	**$ 510,000**	**$ 600,000**	**$ 8,700,000**
652 Special Gas Tax-2107								
Street Light Circuit Upgrade	200061	652	$ 3,300	$ -	$ -	$ -	$ -	$ -
Street Light Upgrade and Relocation	200062	652	1,000	-	-	-	-	-
North "L" Street Utility Undergrounding	200098	652	-	-	-	-	-	33,120
Annual Misc. Traffic Signing/Striping Maintenance	200106	652	25,000	25,000	25,000	25,000	-	-
Annual Misc. Major Public Works Repairs	200109	652	1,000	-	-	-	-	-
Annual Traffic Signal Modifications	200112	652	-	-	-	-	-	2,400,000
Annual Street Lighting	200113	652	-	85,000	35,000	35,000	35,000	210,000
East Avenue Utility Undergrounding	200841	652	-	-	-	-	-	450,000
North Vasco Road Utility Undergrounding	200842	652	-	-	-	-	-	30,000
South Livermore Ave Utility Undergrounding	200843	652	-	-	-	-	-	200,000
South L Street Utility Undergrounding	200844	652	-	-	-	-	-	300,000
Street Resurfacing 2014	201401	652	55,000	-	-	-	-	-
Miscellaneous Street Repairs	201418	652	20,000	20,000	20,000	20,000	-	320,000
Street Resurfacing 2015	201501	652	-	700,000	-	-	-	-

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Street Resurfacing 2016	201601	652	-	-	225,000	-	-	-
Slurry Seal 2016	201604	652	-	-	100,000	-	-	-
Street Resurfacing 2017	201701	652	-	-	-	250,000	-	-
Slurry Seal 2017	201704	652	-	-	-	100,000	-	-
Street Resurfacing 2018	201801	652	-	-	-	-	250,000	-
Slurry Seal 2018	201804	652	-	-	-	-	100,000	-
Street Resurfacing 2019	201901	652	-	-	-	-	-	4,000,000
Slurry Seal 2019	201904	652	-	-	-	-	-	1,600,000
652 Special Gas Tax-2107		**Total**	**$ 105,300**	**$ 830,000**	**$ 405,000**	**$ 430,000**	**$ 385,000**	**$ 9,543,120**
653 Special Gas Tax-2106								
Annual Misc. Traffic Signing/Striping Maintenance	200106	653	$ 75,000	$ -	$ 75,000	$ 75,000	$ -	$ -
Annual Traffic Signal Modifications	200112	653	150,000	-	150,000	-	-	-
South Livermore Ave Sidewalk South of Chateau Way	200218	653	-	-	-	80,000	-	-
Annual Crosswalk Safety Improvements 2012	201206	653	69,000	-	-	-	-	-
Video Detection Upgrade	201223	653	100,000	-	-	-	-	-
Safe Routes To School	201225	653	58,600	-	-	-	-	-
Annual Crosswalk Safety Improvements 2013	201306	653	69,580	-	-	-	-	-
Sidewalk Repair Program 2013-2015	201402	653	109,000	-	-	-	-	-
Electronic Incident Management System	201432	653	-	-	-	40,000	240,000	-
Street Resurfacing 2015	201501	653	-	250,000	-	-	-	-
Slurry Seal 2015	201504	653	-	250,000	-	-	-	-
Sidewalk Repair Program 2015-16	201602	653	-	84,000	-	-	-	-
Sidewalk Repair Program 2016-17	201702	653	-	-	84,000	-	-	-
Sidewalk Repair Program 2017-18	201802	653	-	-	-	84,000	-	-
Sidewalk Repair Program 2018-19	201902	653	-	-	-	-	84,000	1,344,000
653 Special Gas Tax-2106		**Total**	**$ 631,180**	**$ 584,000**	**$ 309,000**	**$ 279,000**	**$ 324,000**	**$ 1,344,000**
656 Federal Street Grants								
BART to Livermore Extension	200122	656	$ 100,000	$ 186,000	$ -	$ -	$ -	$ -
Safe Routes To School	201225	656	139,770	-	-	-	-	-
2014 Arterial Street Rehabilitation Project	201417	656	1,052,780	-	-	-	-	-
Railroad Depot Relocation	580001	656	-	500,000	2,000,000	-	-	-
656 Federal Street Grants		**Total**	**$1,292,550**	**$ 686,000**	**$ 2,000,000**	**$ -**	**$ -**	**$ -**
659 Gas Tax - 2103								
North "L" Street Utility Undergrounding	200098	659	$ -	$ -	$ -	$ -	$ -	$ 102,380
Annual Misc. Traffic Signing/Striping Maintenance	200106	659	32,460	75,000	-	-	-	-
Annual Traffic Signal Modifications	200112	659	-	-	-	150,000	-	-

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
El Caminito Asphalt Sidewalk Replacement	200712	659	-	-	-	135,000	-	-
Traffic Signal Reconstruction	201021	659	20,000	20,000	120,000	120,000	-	-
Battery Back-Up System Improvements	201222	659	160,000	134,000	75,000	75,000	-	-
Video Detection Upgrade	201223	659	-	164,600	70,000	70,000	-	-
Street Resurfacing 2014	201401	659	350,000	-	-	-	-	-
Street Resurfacing 2015	201501	659	-	520,000	-	-	-	-
Slurry Seal 2015	201504	659	-	368,000	-	-	-	-
Street Resurfacing 2016	201601	659	-	-	100,000	-	-	-
Slurry Seal 2016	201604	659	-	-	190,000	-	-	-
Street Resurfacing 2017	201701	659	-	-	-	540,000	-	-
Slurry Seal 2017	201704	659	-	-	-	370,000	-	-
Street Resurfacing 2018	201801	659	-	-	-	-	540,000	-
Slurry Seal 2018	201804	659	-	-	-	-	370,000	-
Street Resurfacing 2019	201901	659	-	-	-	-	-	8,640,000
Slurry Seal 2019	201904	659	-	-	-	-	-	5,920,000
659 Gas Tax - 2103		**Total**	**$ 562,460**	**$ 1,281,600**	**$ 555,000**	**$ 1,460,000**	**$ 910,000**	**$ 14,662,380**
660 Tvtc Rte 84 Corridor Imps								
Isabel Ave./I-580 Interchange	199238	660	$ 325,757	$ -	$ -	$ -	$ -	$ -
660 Tvtc Rte 84 Corridor Imps		**Total**	**$ 325,757**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
663 Local St & Rd - Prop 1B								
East Vineyard Avenue Realignment and Signalization	199660	663	$ 10,000	$ -	$ -	$ -	$ -	$ -
663 Local St & Rd - Prop 1B		**Total**	**$ 10,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
674 MTC - Federal TDA								
Bike and Pedestrian Master Plan Update	201024	674	$ -	$ 200,000	$ 200,000	$ -	$ -	$ -
674 MTC - Federal TDA		**Total**	**$ -**	**$ 200,000**	**$ 200,000**	**$ -**	**$ -**	**$ -**
677 Measure B-Bike/Pedestrian								
Arroyo Mocho Trail E-1 Extension	200216	677	$ 5,000	$ -	$ -	$ -	$ -	$ -
Arroyo Las Positas Trail- Walmart	200245	677	-	-	-	-	-	1,005,900
Livermore to Pleasanton Arroyo Trail Segmt T14.	200647	677	20,000	-	-	-	-	-
Trails and Bikeways Master Plan Implementation	200651	677	15,000	15,000	30,000	30,000	-	-
Trail Segmt L19 under the Portola Overcrossing	200655	677	-	-	-	100,000	-	-
Bike and Pedestrian Master Plan Update	201024	677	-	50,000	50,000	-	-	-
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	677	372,259	15,000	15,000	15,000	15,000	30,000
Iron Horse Trail (Downtown- Livermore Ave)	201040	677	2,232	-	-	-	-	-
Annual Crosswalk Safety Improvements 2014	201406	677	70,000	-	-	-	-	-
Multi-Use Trails Repairs - 2014	201420	677	20,000	-	-	-	-	-

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Fund / Project Name	Project Number	Fund #	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
			Fiscal Year					
Acquisition of Downtown Paseo	201434	677	-	150,000	-	-	-	-
Annual Crosswalk Safety Improvements 2015	201506	677	-	70,000	70,000	70,000	-	1,120,000
West Jack London Blvd Widening	201528	677	-	100,000	-	-	-	-
Safe Routes to School - Marilyn Ave Elementary School	201529	677	20,000	30,000	-	-	-	-
Multi-Use Trails Repairs - 2016	201620	677	-	-	100,000	-	-	-
Multi-Use Trails Repairs - 2017	201720	677	-	-	-	100,000	-	-
Multi-Use Trails Repairs - 2018	201820	677	-	-	-	-	100,000	1,600,000
677 Measure B-Bike/Pedestrian		**Total**	**$ 524,491**	**$ 430,000**	**$ 265,000**	**$ 315,000**	**$ 115,000**	**$ 3,755,900**
678 Measure B-2000 Pass-Thru								
Murrieta Blvd. Landscape Improvements Phase 1, 2, 3	200411	678	$ -	$ -	$ -	$ -	$ 100,000	$ 725,000
Trail Segmt L19 under the Portola Overcrossing	200655	678	-	250,000	-	100,000	-	-
Traffic Signal Reconstruction	201021	678	-	-	180,000	180,000	-	-
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	678	215,000	7,500	-	-	-	-
Iron Horse Trail (Outside of Downtown)	201037	678	-	-	-	-	-	500,000
Citywide Bike Trail Bridge Maintenance	201326	678	5,000	2,500	2,500	2,500	25,000	500,000
Street Resurfacing 2014	201401	678	400,000	-	-	-	-	-
Sidewalk Repair Program 2013-2015	201402	678	390,000	-	-	-	-	-
Slurry Seal 2014	201404	678	300,000	-	-	-	-	-
Street Resurfacing 2016	201601	678	-	-	515,000	-	-	-
Sidewalk Repair Program 2015-16	201602	678	175,000	125,000	-	-	-	-
Slurry Seal 2016	201604	678	-	-	150,000	-	-	-
Street Resurfacing 2017	201701	678	-	-	-	500,000	-	-
Sidewalk Repair Program 2016-17	201702	678	-	175,000	125,000	-	-	-
Slurry Seal 2017	201704	678	-	-	-	150,000	-	-
Street Resurfacing 2018	201801	678	-	-	-	-	500,000	-
Sidewalk Repair Program 2017-18	201802	678	-	-	175,000	125,000	-	-
Slurry Seal 2018	201804	678	-	-	-	-	150,000	-
Railroad At-Grade Crossing Rehabilitation	201821	678	-	-	50,000	-	50,000	-
Street Resurfacing 2019	201901	678	-	-	-	-	-	8,000,000
Sidewalk Repair Program 2018-19	201902	678	-	-	-	175,000	125,000	4,800,000
Slurry Seal 2019	201904	678	-	-	-	-	-	2,400,000
678 Measure B-2000 Pass-Thru		**Total**	**$1,485,000**	**$ 560,000**	**$ 1,197,500**	**$ 1,232,500**	**$ 950,000**	**$ 16,925,000**
679 Measure B Isabel Intrchge								
Isabel Ave./I-580 Interchange	199238	679	$3,375,214	$ -	$ -	$ -	$ -	$ -
679 Measure B Isabel Intrchge		**Total**	**$3,375,214**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
680 State Street Grants								

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Safe Routes to School - Marilyn Ave Elementary School	201529	680	$ 83,000	$ 275,000	$ -	$ -	$ -	$ -
680 State Street Grants		**Total**	**$ 83,000**	**$ 275,000**	**$ -**	**$ -**	**$ -**	**$ -**
681 Local Vehicle Reg Fee								
Annual Traffic Signal Modifications	200112	681	$ -	$ 216,000	$ -	$ -	$ -	$ -
Trails and Bikeways Master Plan Implementation	200651	681	15,000	15,000	-	-	-	-
Traffic Signal Reconstruction	201021	681	20,000	110,000	-	-	-	-
Miscellaneous Storm Drain and Culvert Repairs	201325	681	15,000	125,000	50,000	50,000	50,000	800,000
Street Resurfacing 2014	201401	681	10,000	-	-	-	-	-
Slurry Seal 2014	201404	681	200,000	-	-	-	-	-
Street Resurfacing 2015	201501	681	-	200,000	-	-	-	-
Slurry Seal 2015	201504	681	-	100,000	-	-	-	-
Street Resurfacing 2016	201601	681	-	-	250,000	-	-	-
Street Resurfacing 2017	201701	681	-	-	-	300,000	-	-
Street Resurfacing 2018	201801	681	-	-	-	-	300,000	-
Street Resurfacing 2019	201901	681	-	-	-	-	-	4,800,000
681 Local Vehicle Reg Fee		**Total**	**$ 260,000**	**$ 766,000**	**$ 300,000**	**$ 350,000**	**$ 350,000**	**$ 5,600,000**
687 Measure BB-Bike/Pedestrian								
Annual Street Lighting	200113	687	$ -	$ -	$ 50,000	$ 50,000	$ 50,000	$ 800,000
Improvements to First Street Paseos	200437	687	-	-	-	50,000	-	-
Acquisition of Downtown Paseo	201434	687	-	195,000	-	-	-	-
Multi-Use Trails Repairs - 2016	201620	687	-	-	50,000	-	-	-
Multi-Use Trails Repairs - 2017	201720	687	-	-	-	50,000	-	-
Multi-Use Trails Repairs - 2018	201820	687	-	-	-	-	50,000	800,000
687 Measure BB-Bike/Pedestrian		**Total**	**$ -**	**$ 195,000**	**$ 100,000**	**$ 150,000**	**$ 100,000**	**$ 1,600,000**
688 Measure BB-Local St & Rd								
Vasco ACE Parking Lot - Connector Road	200719	688	$ -	$ -	$ -	$ 500,000	$ -	$ -
Acquisition of Downtown Paseo	201434	688	-	45,000	-	-	-	-
Street Resurfacing 2015	201501	688	-	232,000	-	-	-	-
Slurry Seal 2015	201504	688	-	79,000	-	-	-	-
Street Resurfacing 2016	201601	688	-	-	580,000	-	-	-
Slurry Seal 2016	201604	688	-	-	330,000	-	-	-
Street Resurfacing 2017	201701	688	-	-	-	460,000	-	-
Slurry Seal 2017	201704	688	-	-	-	250,000	-	-
Street Resurfacing 2018	201801	688	-	-	-	-	460,000	-
Slurry Seal 2018	201804	688	-	-	-	-	250,000	-
Street Resurfacing 2019	201901	688	-	-	-	-	-	9,280,000

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Slurry Seal 2019	201904	688	-	-	-	-	-	5,280,000
688 Measure BB-Local St & Rd		**Total**	**$ -**	**$ 356,000**	**$ 910,000**	**$ 1,210,000**	**$ 710,000**	**$ 14,560,000**
691 Msr B - Isabel Widening								
Isabel Ave Widening-Jack London Blvd to Vallecitos	200458	691	$ -	$ 45,000	$ 20,000	$ -	$ -	$ -
691 Msr B - Isabel Widening		**Total**	**$ -**	**$ 45,000**	**$ 20,000**	**$ -**	**$ -**	**$ -**
693 State Prop 50 Water Grant								
Livermore to Pleasanton Arroyo Trail Segmt T14.	200647	693	$ 700	$ -	$ -	$ -	$ -	$ -
693 State Prop 50 Water Grant		**Total**	**$ 700**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
695 Bart To Livermore								
BART to Livermore Extension	200122	695	$ 200,000	$ 300,000	$ -	$ -	$ -	$ -
695 Bart To Livermore		**Total**	**$ 200,000**	**$ 300,000**	**$ -**	**$ -**	**$ -**	**$ -**
730 Fleet & Eqt Services								
Fleet Shop Floor Renovation	200911	730	$ -	$ -	$ -	$ 80,000	$ -	$ -
730 Fleet & Eqt Services		**Total**	**$ -**	**$ -**	**$ -**	**$ 80,000**	**$ -**	**$ -**
740 Facilities Rehab Pgm								
City Hall Photovoltaic Expansion	200918	740	$ 15,000	$ -	$ -	$ -	$ -	$ -
Civic Center Library Roof Repairs	201426	740	20,000	50,000	-	-	-	-
Air Handler Upgrades to City Hall Campus Buildings	201427	740	-	-	-	50,000	-	-
Central Plant Chiller Replacement	201428	740	-	-	20,000	250,000	-	-
Central Plant Cooling Tower Cover	201429	740	-	-	-	75,000	-	-
Coating Protection for Public Buildings	201515	740	-	-	-	25,000	-	250,000
Recoating of Building Exterior Insulation Finishing System (EIFS)	201516	740	-	250,000	-	-	300,000	-
Roof Replacement - Police Building	201517	740	25,000	125,000	-	-	-	-
Carpet Replacement for City Buildings	201518	740	-	-	50,000	150,000	200,000	-
Rincon Library Roof Repairs	201621	740	-	75,000	-	-	-	-
740 Facilities Rehab Pgm		**Total**	**$ 60,000**	**$ 500,000**	**$ 70,000**	**$ 550,000**	**$ 500,000**	**$ 250,000**
925 Zone 7 (Doerty Vly) Stlmt								
Open Space Easements/Fee Title/Water Rights Acqstn	200454	925	$ -	$ -	$ -	$ -	$ -	$ 4,460,000
925 Zone 7 (Doerty Vly) Stlmt		**Total**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,460,000**
B PG&E Rule 20A Funding								
North "L" Street Utility Undergrounding	200098	B	$ -	$ -	$ -	$ -	$ -	$ 2,700,000
East Avenue Utility Undergrounding	200841	B	-	-	-	-	-	6,610,000
North Vasco Road Utility Undergrounding	200842	B	-	-	-	-	-	1,365,000
South Livermore Ave Utility Undergrounding	200843	B	-	-	-	-	-	2,460,000
South L Street Utility Undergrounding	200844	B	-	-	-	-	-	1,790,000

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Fund

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
State Route 84 Utility Undergrounding	201324	B	-	1,000,000	750,000	2,000,000	600,000	-
B PG&E Rule 20A Funding		**Total**	**$ -**	**$ 1,000,000**	**$ 750,000**	**$ 2,000,000**	**$ 600,000**	**$ 14,925,000**
D Participation By Others								
Trail Improvements - Segment N	200460	D	$ -	$ -	$ -	$ -	$ -	$ 750,000
Raymond Road Landfill Rehabilitation	200620	D	800,000	800,000	275,000	-	-	-
Decorative Wall Replacement - Citywide	200654	D	-	600,000	-	400,000	-	4,152,800
Trail Segmt L19 under the Portola Overcrossing	200655	D	-	-	1,000,000	-	-	-
Brisa Storm Drain System Improvements	200723	D	1,000,000	-	-	-	-	-
Railroad Avenue Parking Garage Surface Lot	200847	D	-	60,000	500,000	-	-	-
Foley Road Realignment	201028	D	-	-	-	875,000	-	-
Arroyo Las Positas & Mocho Flood Control	201216	D	-	-	-	-	-	273,275,000
Arroyo Las Positas Airport Flood Control	201217	D	-	-	-	37,000,000	-	120,000,000
Airway Blvd. Flood Control	201218	D	-	-	120,000	-	-	26,000,000
Doolan Canyon Rd Waterline	201412	D	-	-	-	-	-	1,400,000
Livermorium Plaza at Mills Square Park	201436	D	-	175,000	-	-	-	-
Shea Plaza Downtown Waste Disposal Facility	583019	D	-	-	200,000	-	-	-
Heritage Property Rehab	586005	D	-	-	-	-	-	2,000,000
D Participation By Others		**Total**	**$1,800,000**	**$ 1,635,000**	**$ 2,095,000**	**$38,275,000**	**$ -**	**$ 427,577,800**
U Unfunded Infrastructure Maintenance Obligations								
Traffic Control Supplemental Maintenance Funding	800001	U	$ -	$ -	$ -	$ -	$ -	$ 21,060,000
Streetlight Supplemental Maintenance Funding	800002	U	-	-	-	-	-	14,040,000
Streambed Supplemental Maintenance Funding	800003	U	-	-	-	-	-	33,600,000
Storm Drain Supplemental Maintenance Funding	800004	U	-	-	-	-	-	171,800,000
Slurry Seal Supplemental Maintenance Funding	800005	U	-	-	-	-	-	38,080,000
Pavement Overlay Supplemental Maintenance Funding	800006	U	-	-	-	-	-	70,720,000
Curb & Gutter Supplemental Maintenance Funding	800007	U	-	-	-	-	-	59,400,000
Sidewalk Supplemental Maintenance Funding	800008	U	-	-	-	-	-	86,320,000
Building Maintenance	800009	U	-	-	-	-	-	24,500,000
Landscaping, Parks and Trails Supp Maint Funding	800010	U	-	-	-	-	-	70,100,000
U Unfunded Infrastructure Maintenance Obligations		**Total**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 589,620,000**
W Future Grants Or Anticipated Revenue								
Greenville Rd/I-580 Interchange	199149	W	$ -	$ -	$ -	$ -	$ -	$ 8,500,000
Vasco Road/I-580 Interchange	199352	W	-	-	-	1,000,000	1,000,000	11,000,000
Vallecitos Road Bridge Widening	200097	W	-	-	-	-	-	2,450,000
New Council Chambers	200439	W	-	784,000	5,289,000	-	-	-
Cogeneration Project at WRP	200444	W	-	-	2,000,000	-	-	-

LIVERMORE CALIFORNIA

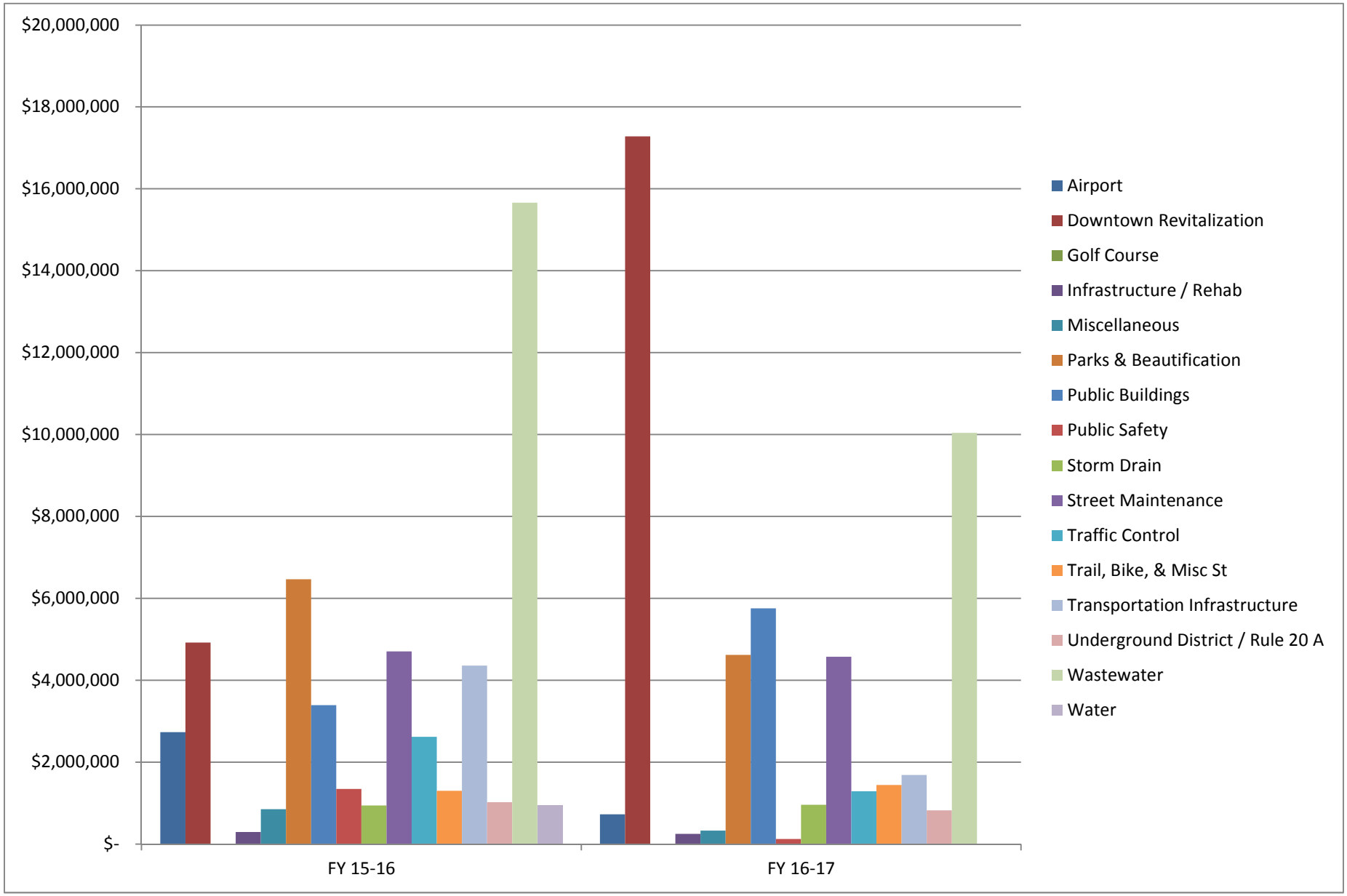
Capital Improvement Program Budget Requests
Projects Listed by Fund

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Downtown Streetscape Phase II	200827	W	-	-	-	-	-	11,000,000
First Street/I-580 Interchange Improvements	200864	W	-	-	-	-	-	5,000,000
Railroad Avenue/First Street Realignment	200869	W	-	-	-	-	-	10,000,000
Storm Drain Trash Capture Devices	201030	W	-	-	-	3,350,000	-	4,300,000
Iron Horse Trail (Outside of Downtown)	201037	W	-	-	-	-	-	14,384,650
Electronic Incident Management System	201432	W	-	-	-	160,000	960,000	-
Railroad At-Grade Crossing Rehabilitation	201821	W	-	-	-	200,000	200,000	-
Livermore Village Downtown Parking Garage Land Acquisition	201822	W	-	1,000,000	-	-	-	-
Iron Horse Trail (Downtown)	201824	W	-	-	-	-	-	2,033,130
L Street/UPRR Grade Separation	201825	W	-	-	-	-	-	30,000,000
Junction Avenue/UPRR Grade Separation	201826	W	-	-	-	-	-	30,000,000
Railroad Avenue Parking Alternatives Phase 2 - Land Acq	583011	W	-	-	-	-	-	1,500,000
Railroad Ave Parking Structure Phase 2 Const	583012	W	-	-	-	-	-	13,000,000
Livermore Village Parking Garage Construction	586003	W	-	500,000	14,450,000	-	-	-
W Future Grants Or Anticipated Revenue		**Total**	**$ -**	**$ 2,284,000**	**$21,739,000**	**$ 4,710,000**	**$2,160,000**	**$ 143,167,780**
	Grand Total		**$32,293,570**	**$51,594,700**	**$49,927,300**	**$78,754,710**	**$11,665,775**	**$1,837,928,860**

Capital Improvement Program Budget Requests
Summary of Expenditures by Program

Program	Fiscal Year 2014 / 15	2015 / 16	2016 / 17	2017 / 18	2018 / 19	Out Years 2019 to 2035
Airport	$ 3,283,099	$ 2,736,500	$ 730,000	$ 2,023,400	$ 68,300	$ 3,532,000
Downtown Revitalization	397,457	4,920,000	17,280,000	925,000	-	38,500,000
Golf Course	225,000	-	-	1,400,000	-	2,285,000
Infrastructure / Rehab	100,000	300,000	250,000	100,000	-	621,351,000
Miscellaneous	840,000	855,000	330,000	20,000	-	4,605,000
Parks & Beautification	3,753,000	6,470,000	4,620,000	1,690,000	200,000	16,706,600
Public Buildings	3,121,152	3,394,000	5,759,000	1,000,000	500,000	28,664,950
Public Safety	150,000	1,350,000	125,000	125,000	125,000	250,000
Storm Drain	1,572,000	943,000	960,000	44,625,000	485,000	435,214,000
Street Maintenance	4,564,016	4,708,000	4,574,000	6,034,000	4,864,000	78,454,000
Traffic Control	1,347,410	2,620,600	1,290,000	1,470,000	1,200,000	6,375,000
Trail, Bike, & Misc St	687,191	1,305,000	1,447,500	397,500	190,000	26,815,810
Transportation Infrastructure	9,733,245	4,357,600	1,691,800	11,414,810	1,815,000	349,606,000
Underground District / Rule 20 A	25,000	1,025,000	825,000	2,200,000	1,288,475	16,865,500
Wastewater	2,495,000	15,660,000	10,045,000	5,330,000	930,000	121,715,000
Water	-	950,000	-	-	-	86,989,000
Total:	**$32,293,570**	**$51,594,700**	**$49,927,300**	**$78,754,710**	**$11,665,775**	**$1,837,928,860**

Expenditures



LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Miscellaneous Airport Repair Design Services	200636	210	$ 36,205	$ 30,000	$ 30,000	$ 30,000	$ -	$ 480,000
Airport Administration Building	200711	210	3,056,894	-	-	-	-	-
Runway 7R/25L Overlay, Repainting & Lighting	201313	210	40,000	160,000	32,000	-	-	-
Runway 7R/25L Overlay, Repainting & Lighting	201313	212	-	1,665,000	288,000	-	-	-
Slurry Seal Northside Aprons and Taxilanes	201314	210	-	-	-	89,400	-	-
Slurry Seal Northside Aprons and Taxilanes	201314	212	-	-	-	804,600	-	-
North & South Hangar Outside Painting	201317	210	-	47,500	50,000	65,000	68,300	72,000
Slurry Seal Southside Hangar Taxilanes	201411	210	-	-	-	60,440	-	-
Slurry Seal Southside Hangar Taxilanes	201411	212	-	-	-	543,960	-	-
Airport Stormwater Treatment Master Plan	201419	210	60,000	-	-	-	-	-
Airport Administration Building Fencing	201421	210	35,000	-	-	-	-	-
Airport Fuel Tank Monitoring System Relocation	201422	210	-	40,000	-	-	-	-
Airport Parking Lot & Runway Security Cameras & Software Upgrade	201423	210	25,000	35,000	-	-	-	-
Airport Pavement Maintenance	201425	210	30,000	30,000	30,000	30,000	-	480,000
Airport Terminal Building Demolition	201511	210	-	-	45,000	-	-	-
Airport Self-Serve Fuel Island Removal	201512	210	-	-	25,000	-	-	-
Airport Horse Ranch Parcel Mitigation	201513	210	-	75,000	-	-	-	-
Airport Electric Vehicle Charging Stations	201514	210	-	24,000	-	-	-	-
Airport Industrial Building - Roof Renovation	201613	210	-	80,000	-	-	-	-
Pavement Maintenance Management Program	201614	210	-	15,000	-	-	-	-
Pavement Maintenance Management Program	201614	212	-	135,000	-	-	-	-
Airport Water Quality and HMP Basins	201615	210	-	400,000	-	400,000	-	-
Airport Long Term Parking Improvements	201617	210	-	-	230,000	-	-	-
Airport Maintenance Facility	201811	210	-	-	-	-	-	2,500,000
Airport			**$3,283,099**	**$ 2,736,500**	**$ 730,000**	**$ 2,023,400**	**$ 68,300**	**$ 3,532,000**
Improvements to First Street Paseos	200437	001	$ -	$ -	$ -	$ 350,000	$ -	$ -
Improvements to First Street Paseos	200437	687	-	-	-	50,000	-	-
Downtown Streetscape Phase II	200827	W	-	-	-	-	-	11,000,000
Railroad Avenue Parking Garage Surface Lot	200847	D	-	60,000	500,000	-	-	-
Railroad Avenue/First Street Realignment	200869	W	-	-	-	-	-	10,000,000
Acquisition of Downtown Paseo	201434	677	-	150,000	-	-	-	-
Acquisition of Downtown Paseo	201434	687	-	195,000	-	-	-	-
Acquisition of Downtown Paseo	201434	688	-	45,000	-	-	-	-
Livermore Village Waste Disposal Facility	201435	001	-	30,000	30,000	425,000	-	-
Livermorium Plaza at Mills Square Park	201436	001	-	175,000	-	-	-	-

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Livermorium Plaza at Mills Square Park	201436	347	150,000	400,000	-	-	-	-
Livermorium Plaza at Mills Square Park	201436	D	-	175,000	-	-	-	-
Demolition of Downtown Property	201437	001	-	32,000	-	-	-	-
Demolition of Downtown Property	201437	611	-	68,000	-	-	-	-
Livermore Village Downtown Parking Garage Land Acquisition	201822	W	-	1,000,000	-	-	-	-
Railroad Depot Relocation	580001	001	241,707	370,000	-	-	-	-
Railroad Depot Relocation	580001	656	-	500,000	2,000,000	-	-	-
Railroad Avenue Parking Alternatives Phase 2 - Land Acq	583011	W	-	-	-	-	-	1,500,000
Railroad Ave Parking Structure Phase 2 Const	583012	W	-	-	-	-	-	13,000,000
Livermore Village Infrastructure	583018	001	-	-	-	-	-	1,000,000
Shea Plaza Downtown Waste Disposal Facility	583019	001	-	20,000	100,000	-	-	-
Shea Plaza Downtown Waste Disposal Facility	583019	D	-	-	200,000	-	-	-
Livermore Village Parking Garage Construction	586003	001	5,750	420,000	-	-	-	-
Livermore Village Parking Garage Construction	586003	347	-	780,000	-	-	-	-
Livermore Village Parking Garage Construction	586003	W	-	500,000	14,450,000	-	-	-
Heritage Property Rehab	586005	D	-	-	-	-	-	2,000,000
Downtown Public/Private Parking	586008	001	-	-	-	100,000	-	-
Downtown Revitalization			**$ 397,457**	**$ 4,920,000**	**$17,280,000**	**$ 925,000**	**$ -**	**$ 38,500,000**
Las Positas Golf Course Back-Nine Irrig. Upgrade	199847	270	$ -	$ -	$ -	$ 1,000,000	$ -	$ -
Las Positas Golf Course Drainage Improvements	199914	270	-	-	-	-	-	100,000
Las Positas Golf Course Emergency Water System Conversion	199937	270	-	-	-	-	-	200,000
Las Positas Golf Course Hole #15 Restroom Bldg/Sewer Line	200015	270	-	-	-	250,000	-	-
Las Positas Golf Course Access Ramp Revisions	200119	270	-	-	-	-	-	110,000
Las Positas Golf Course Driving Range Staging Area	200625	270	-	-	-	150,000	-	-
Las Positas Golf Course Fencing	200629	270	-	-	-	-	-	250,000
Las Positas Golf Course Maintenance Facility Paving & Structure	200811	270	-	-	-	-	-	225,000
Las Positas Golf Course Pro Shop/Clubhouse Facility Rehab	200813	270	-	-	-	-	-	750,000
Las Positas Golf Course Clubhouse Dr./Parking Lot Landscape Rehab	200814	270	-	-	-	-	-	100,000
Las Positas Golf Course PG&E Electrical Panel	200816	270	-	-	-	-	-	150,000
Las Positas Golf Course Tree Removal - Pruning	200819	270	-	-	-	-	-	100,000
Las Positas Golf Course Exhaust Fans-Grinder & Chemical Room	200826	270	-	-	-	-	-	100,000
HVAC Improvements at the Las Positas Golf Course Restaurant	201530	001	225,000	-	-	-	-	-
Golf Course Drainage Improvements	201914	270	-	-	-	-	-	200,000
Golf Course			**$ 225,000**	**$ -**	**$ -**	**$ 1,400,000**	**$ -**	**$ 2,285,000**

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Citywide Landscape Enhancements	200840	001	$ -	$ -	$ 50,000	$ 100,000	$ -	$ 31,000,000
Asset Management Plan	201612	001	100,000	300,000	200,000	-	-	-
Citywide Park Facilities Rehabilitation	201812	001	-	-	-	-	-	731,000
Traffic Control Supplemental Maintenance Funding	800001	U	-	-	-	-	-	21,060,000
Streetlight Supplemental Maintenance Funding	800002	U	-	-	-	-	-	14,040,000
Streambed Supplemental Maintenance Funding	800003	U	-	-	-	-	-	33,600,000
Storm Drain Supplemental Maintenance Funding	800004	U	-	-	-	-	-	171,800,000
Slurry Seal Supplemental Maintenance Funding	800005	U	-	-	-	-	-	38,080,000
Pavement Overlay Supplemental Maintenance Funding	800006	U	-	-	-	-	-	70,720,000
Curb & Gutter Supplemental Maintenance Funding	800007	U	-	-	-	-	-	59,400,000
Sidewalk Supplemental Maintenance Funding	800008	U	-	-	-	-	-	86,320,000
Building Maintenance	800009	U	-	-	-	-	-	24,500,000
Landscaping, Parks and Trails Supp Maint Funding	800010	U	-	-	-	-	-	70,100,000
Infrastructure / Rehab			**$ 100,000**	**$ 300,000**	**$ 250,000**	**$ 100,000**	**$ -**	**$ 621,351,000**
Open Space Easements/Fee Title/Water Rights Acqstn	200454	925	$ -	$ -	$ -	$ -	$ -	$ 4,460,000
Raymond Road Landfill Rehabilitation	200620	001	35,000	35,000	35,000	-	-	-
Raymond Road Landfill Rehabilitation	200620	D	800,000	800,000	275,000	-	-	-
Civic Center Library Parking Lot Expansion	200637	001	-	-	-	-	-	125,000
Toyota Wetland Mitigation Project	201035	001	5,000	20,000	20,000	20,000	-	20,000
Miscellaneous			**$ 840,000**	**$ 855,000**	**$ 330,000**	**$ 20,000**	**$ -**	**$ 4,605,000**
Centralized Irrigation System (CIS)	199473	001	$ 400,000	$ -	$ -	$ -	$ -	$ -
Centralized Irrigation System (CIS)	199473	259	-	375,000	-	-	-	-
Centralized Irrigation System (CIS)	199473	614	-	325,000	-	-	-	-
Murrieta Blvd. Landscape Improvements Phase 1, 2, 3	200411	650	-	-	-	-	100,000	1,350,000
Murrieta Blvd. Landscape Improvements Phase 1, 2, 3	200411	678	-	-	-	-	100,000	725,000
Jack London Landscape Rehabilitation Project	200427	001	-	-	-	125,000	-	-
Doolan Park Landscape Rehabilitation Project	200429	001	-	-	-	125,000	-	-
Downtown Landscape Rehabilitation	200512	001	-	-	-	100,000	-	-
Park Facilities Fee Reimbursements	200646	337	3,170,000	4,470,000	4,600,000	-	-	-
Decorative Wall Replacement - Citywide	200654	001	20,000	300,000	-	400,000	-	4,152,800
Decorative Wall Replacement - Citywide	200654	310	-	300,000	-	-	-	-
Decorative Wall Replacement - Citywide	200654	336	123,000	-	-	-	-	-
Decorative Wall Replacement - Citywide	200654	D	-	600,000	-	400,000	-	4,152,800
Tree Inventory	200658	001	-	-	-	170,000	-	750,000

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Carnegie Park Rehabilitation	200660	614	40,000	20,000	20,000	20,000	-	396,000
Holmes and Arroyo Mocho Vacant Lot Landscaping	201022	001	-	-	-	-	-	110,000
Holmes and Deer Hollow Landscaping	201023	001	-	-	-	-	-	220,000
Park Fee Update	201321	337	-	80,000	-	-	-	-
Carnegie Park Enhancements	201524	001	-	-	-	-	-	500,000
Citywide Street Tree Irrigation	201813	001	-	-	-	350,000	-	3,850,000
Brickyard Fountain Renovation	201828	001	-	-	-	-	-	500,000
Parks & Beautification			**$3,753,000**	**$ 6,470,000**	**$ 4,620,000**	**$ 1,690,000**	**$ 200,000**	**$ 16,706,600**
New Fire Station No. 9	199455	001	$ 341,152	$ -	$ -	$ -	$ -	$ -
New Fire Station No. 9	199455	347	2,550,000	1,960,000	-	-	-	-
Police Facility, Interior Renovation & Expansion	200028	001	-	-	-	-	-	7,919,450
New Council Chambers	200439	W	-	784,000	5,289,000	-	-	-
New Springtown Branch Library	200514	001	-	-	-	-	-	7,650,000
Building Upgrades to the City Barn	200526	323	-	-	-	-	-	383,500
Fleet Shop Floor Renovation	200911	730	-	-	-	80,000	-	-
Water Wall Retrofit	200914	001	-	-	-	-	-	120,000
City Hall Photovoltaic Expansion	200918	740	15,000	-	-	-	-	-
Ravenswood Historical Site Imps./Bldg. Repairs	200920	001	45,000	-	-	-	-	582,500
Ravenswood Historical Site Imps./Bldg. Repairs	200920	323	50,000	-	-	-	-	582,500
Carnegie Library Building	201034	001	-	-	-	-	-	25,000
Carnegie Library Building	201034	323	-	-	-	-	-	25,000
ADA Building Compliance	201308	001	-	-	-	300,000	-	9,027,000
Hagemann Farm Site Assessment and Renovation	201416	001	75,000	150,000	100,000	-	-	-
Civic Center Library Roof Repairs	201426	740	20,000	50,000	-	-	-	-
Air Handler Upgrades to City Hall Campus Buildings	201427	740	-	-	-	50,000	-	-
Central Plant Chiller Replacement	201428	740	-	-	20,000	250,000	-	-
Central Plant Cooling Tower Cover	201429	740	-	-	-	75,000	-	-
Coating Protection for Public Buildings	201515	740	-	-	-	25,000	-	250,000
Recoating of Building Exterior Insulation Finishing System (EIFS)	201516	740	-	250,000	-	-	300,000	-
Roof Replacement - Police Building	201517	740	25,000	125,000	-	-	-	-
Carpet Replacement for City Buildings	201518	740	-	-	50,000	150,000	200,000	-
Electric Vehicle Charging Stations	201616	001	-	-	300,000	70,000	-	-
Rincon Library Roof Repairs	201621	740	-	75,000	-	-	-	-
Ravenswood Building Site Assessment and Improvements	201814	001	-	-	-	-	-	50,000
Ravenswood Building Site Assessment and Improvements	201814	323	-	-	-	-	-	50,000

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Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Historic Property Appraisal and Acquisition	201823	001	-	-	-	-	-	1,500,000
Bankhead Theater Building Repairs & Upgrades	201913	001	-	-	-	-	-	500,000
Public Buildings			**$3,121,152**	**$ 3,394,000**	**$ 5,759,000**	**$ 1,000,000**	**$ 500,000**	**$ 28,664,950**
CAD System Hardware/Software Upgrade	201221	001	$ -	$ -	$ 125,000	$ 125,000	$ 125,000	$ 250,000
CAD System Hardware/Software Upgrade	201221	310	150,000	1,350,000	-	-	-	-
Public Safety			**$ 150,000**	**$ 1,350,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ 250,000**
Annual Misc Storm Drain Reimbursements	200056	001	$ 100,000	$ 100,000	$ 30,000	$ 100,000	$ 100,000	$ 50,000
Annual Misc Storm Drain Reimbursements	200056	308	-	200,000	200,000	200,000	200,000	200,000
Airway Blvd. Culvert Desilting	200066	001	30,000	15,000	15,000	15,000	-	-
Arroyo Mocho Bank Stabilization	200078	001	25,000	-	-	-	-	-
Stream Channel Master Plans	200445	001	-	40,000	10,000	10,000	10,000	200,000
Major Storm Drain Trunkline Upgrades	200520	308	-	-	-	2,100,000	-	1,506,000
Bear Creek Drive Storm Drain Protection	200648	240	15,000	60,000	-	-	-	-
Brisa Storm Drain System Improvements	200723	308	50,000	-	100,000	950,000	-	-
Brisa Storm Drain System Improvements	200723	D	1,000,000	-	-	-	-	-
Storm Drain Trash Capture Devices	201030	001	-	-	60,000	-	-	-
Storm Drain Trash Capture Devices	201030	240	17,000	-	-	-	-	-
Storm Drain Trash Capture Devices	201030	W	-	-	-	3,350,000	-	4,300,000
Arroyo Las Positas & Mocho Flood Control	201216	001	-	25,000	25,000	25,000	-	-
Arroyo Las Positas & Mocho Flood Control	201216	D	-	-	-	-	-	273,275,000
Arroyo Las Positas Airport Flood Control	201217	210	200,000	100,000	100,000	700,000	-	-
Arroyo Las Positas Airport Flood Control	201217	D	-	-	-	37,000,000	-	120,000,000
Airway Blvd. Flood Control	201218	001	-	-	25,000	-	-	-
Airway Blvd. Flood Control	201218	D	-	-	120,000	-	-	26,000,000
Citywide Culvert Outfall Project	201323	001	120,000	278,000	225,000	125,000	125,000	-
Miscellaneous Storm Drain and Culvert Repairs	201325	681	15,000	125,000	50,000	50,000	50,000	800,000
Culvert Improvements	201413	001	-	-	-	-	-	5,202,000
Culvert Improvements	201413	308	-	-	-	-	-	3,681,000
Storm Drain			**$1,572,000**	**$ 943,000**	**$ 960,000**	**$44,625,000**	**$ 485,000**	**$ 435,214,000**
Street Light Circuit Upgrade	200061	652	$ 3,300	$ -	$ -	$ -	$ -	$ -
Street Light Upgrade and Relocation	200062	652	1,000	-	-	-	-	-
Annual Misc. Major Public Works Repairs	200109	652	1,000	-	-	-	-	-

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Annual Street Lighting	200113	650	31,069	30,000	30,000	30,000	30,000	480,000
Annual Street Lighting	200113	652	-	85,000	35,000	35,000	35,000	210,000
Annual Street Lighting	200113	687	-	-	50,000	50,000	50,000	800,000
South Livermore Ave Sidewalk South of Chateau Way	200218	653	-	-	-	80,000	-	-
El Caminito Asphalt Sidewalk Replacement	200712	659	-	-	-	135,000	-	-
Annual Curb and Gutter Replacement	200722	650	-	15,000	15,000	15,000	15,000	240,000
Robertson Park Road Rehab.	201032	323	-	-	-	800,000	-	-
Annual Vehicle Bridge Maintenance	201036	650	15,000	15,000	120,000	15,000	15,000	240,000
Street Resurfacing 2014	201401	344	250,000	-	-	-	-	-
Street Resurfacing 2014	201401	652	55,000	-	-	-	-	-
Street Resurfacing 2014	201401	659	350,000	-	-	-	-	-
Street Resurfacing 2014	201401	678	400,000	-	-	-	-	-
Street Resurfacing 2014	201401	681	10,000	-	-	-	-	-
Sidewalk Repair Program 2013-2015	201402	653	109,000	-	-	-	-	-
Sidewalk Repair Program 2013-2015	201402	678	390,000	-	-	-	-	-
Slurry Seal 2014	201404	344	471,696	-	-	-	-	-
Slurry Seal 2014	201404	650	200,000	-	-	-	-	-
Slurry Seal 2014	201404	678	300,000	-	-	-	-	-
Slurry Seal 2014	201404	681	200,000	-	-	-	-	-
ADA Access Ramps 2015-16	201407	650	10,000	140,000	-	-	-	-
2014 Arterial Street Rehabilitation Project	201417	344	179,171	-	-	-	-	-
2014 Arterial Street Rehabilitation Project	201417	650	40,000	-	-	-	-	-
2014 Arterial Street Rehabilitation Project	201417	656	1,052,780	-	-	-	-	-
Miscellaneous Street Repairs	201418	652	20,000	20,000	20,000	20,000	-	320,000
Street Resurfacing 2015	201501	344	150,000	450,000	-	-	-	-
Street Resurfacing 2015	201501	650	-	150,000	-	-	-	-
Street Resurfacing 2015	201501	652	-	700,000	-	-	-	-
Street Resurfacing 2015	201501	653	-	250,000	-	-	-	-
Street Resurfacing 2015	201501	659	-	520,000	-	-	-	-
Street Resurfacing 2015	201501	681	-	200,000	-	-	-	-
Street Resurfacing 2015	201501	688	-	232,000	-	-	-	-
Slurry Seal 2015	201504	210	-	20,000	-	-	-	-
Slurry Seal 2015	201504	344	150,000	200,000	-	-	-	-
Slurry Seal 2015	201504	650	-	200,000	-	-	-	-
Slurry Seal 2015	201504	653	-	250,000	-	-	-	-
Slurry Seal 2015	201504	659	-	368,000	-	-	-	-

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Slurry Seal 2015	201504	681	-	100,000	-	-	-	-
Slurry Seal 2015	201504	688	-	79,000	-	-	-	-
ADA Accesss Ramps 2017-18	201507	650	-	-	10,000	140,000	-	-
Street Resurfacing 2016	201601	336	-	-	435,000	-	-	-
Street Resurfacing 2016	201601	344	-	150,000	100,000	-	-	-
Street Resurfacing 2016	201601	650	-	-	200,000	-	-	-
Street Resurfacing 2016	201601	652	-	-	225,000	-	-	-
Street Resurfacing 2016	201601	659	-	-	100,000	-	-	-
Street Resurfacing 2016	201601	678	-	-	515,000	-	-	-
Street Resurfacing 2016	201601	681	-	-	250,000	-	-	-
Street Resurfacing 2016	201601	688	-	-	580,000	-	-	-
Sidewalk Repair Program 2015-16	201602	653	-	84,000	-	-	-	-
Sidewalk Repair Program 2015-16	201602	678	175,000	125,000	-	-	-	-
Slurry Seal 2016	201604	344	-	150,000	235,000	-	-	-
Slurry Seal 2016	201604	650	-	-	150,000	-	-	-
Slurry Seal 2016	201604	652	-	-	100,000	-	-	-
Slurry Seal 2016	201604	659	-	-	190,000	-	-	-
Slurry Seal 2016	201604	678	-	-	150,000	-	-	-
Slurry Seal 2016	201604	688	-	-	330,000	-	-	-
ADA Access Ramps 2018-19	201607	650	-	-	-	10,000	140,000	1,200,000
Street Resurfacing 2017	201701	344	-	-	150,000	300,000	-	-
Street Resurfacing 2017	201701	650	-	-	-	200,000	-	-
Street Resurfacing 2017	201701	652	-	-	-	250,000	-	-
Street Resurfacing 2017	201701	659	-	-	-	540,000	-	-
Street Resurfacing 2017	201701	678	-	-	-	500,000	-	-
Street Resurfacing 2017	201701	681	-	-	-	300,000	-	-
Street Resurfacing 2017	201701	688	-	-	-	460,000	-	-
Sidewalk Repair Program 2016-17	201702	653	-	-	84,000	-	-	-
Sidewalk Repair Program 2016-17	201702	678	-	175,000	125,000	-	-	-
Slurry Seal 2017	201704	344	-	-	150,000	300,000	-	-
Slurry Seal 2017	201704	650	-	-	-	100,000	-	-
Slurry Seal 2017	201704	652	-	-	-	100,000	-	-
Slurry Seal 2017	201704	659	-	-	-	370,000	-	-
Slurry Seal 2017	201704	678	-	-	-	150,000	-	-
Slurry Seal 2017	201704	688	-	-	-	250,000	-	-
Street Resurfacing 2018	201801	344	-	-	-	150,000	300,000	-

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Street Resurfacing 2018	201801	650	-	-	-	-	200,000	-
Street Resurfacing 2018	201801	652	-	-	-	-	250,000	-
Street Resurfacing 2018	201801	659	-	-	-	-	540,000	-
Street Resurfacing 2018	201801	678	-	-	-	-	500,000	-
Street Resurfacing 2018	201801	681	-	-	-	-	300,000	-
Street Resurfacing 2018	201801	688	-	-	-	-	460,000	-
Sidewalk Repair Program 2017-18	201802	653	-	-	-	84,000	-	-
Sidewalk Repair Program 2017-18	201802	678	-	-	175,000	125,000	-	-
Slurry Seal 2018	201804	344	-	-	-	150,000	300,000	-
Slurry Seal 2018	201804	650	-	-	-	-	100,000	-
Slurry Seal 2018	201804	652	-	-	-	-	100,000	-
Slurry Seal 2018	201804	659	-	-	-	-	370,000	-
Slurry Seal 2018	201804	678	-	-	-	-	150,000	-
Slurry Seal 2018	201804	688	-	-	-	-	250,000	-
Railroad At-Grade Crossing Rehabilitation	201821	678	-	-	50,000	-	50,000	-
Railroad At-Grade Crossing Rehabilitation	201821	W	-	-	-	200,000	200,000	-
Street Resurfacing 2019	201901	344	-	-	-	-	150,000	7,050,000
Street Resurfacing 2019	201901	650	-	-	-	-	-	3,200,000
Street Resurfacing 2019	201901	652	-	-	-	-	-	4,000,000
Street Resurfacing 2019	201901	659	-	-	-	-	-	8,640,000
Street Resurfacing 2019	201901	678	-	-	-	-	-	8,000,000
Street Resurfacing 2019	201901	681	-	-	-	-	-	4,800,000
Street Resurfacing 2019	201901	688	-	-	-	-	-	9,280,000
Sidewalk Repair Program 2018-19	201902	653	-	-	-	-	84,000	1,344,000
Sidewalk Repair Program 2018-19	201902	678	-	-	-	175,000	125,000	4,800,000
Slurry Seal 2019	201904	344	-	-	-	-	150,000	7,050,000
Slurry Seal 2019	201904	650	-	-	-	-	-	1,600,000
Slurry Seal 2019	201904	652	-	-	-	-	-	1,600,000
Slurry Seal 2019	201904	659	-	-	-	-	-	5,920,000
Slurry Seal 2019	201904	678	-	-	-	-	-	2,400,000
Slurry Seal 2019	201904	688	-	-	-	-	-	5,280,000
Street Maintenance			**$4,564,016**	**$ 4,708,000**	**$ 4,574,000**	**$ 6,034,000**	**$4,864,000**	**$ 78,454,000**
Master Traffic Signal Control System	199144	306	$ 130,000	$ 426,000	$ 100,000	$ 100,000	$ -	$ -
Annual Misc. Traffic Signing/Striping Maintenance	200106	652	25,000	25,000	25,000	25,000	-	-
Annual Misc. Traffic Signing/Striping Maintenance	200106	653	75,000	-	75,000	75,000	-	-

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Annual Misc. Traffic Signing/Striping Maintenance	200106	659	32,460	75,000	-	-	-	-
Annual Traffic Signal Modifications	200112	652	-	-	-	-	-	2,400,000
Annual Traffic Signal Modifications	200112	653	150,000	-	150,000	-	-	-
Annual Traffic Signal Modifications	200112	659	-	-	-	150,000	-	-
Annual Traffic Signal Modifications	200112	681	-	216,000	-	-	-	-
Traffic Signal Reconstruction	201021	650	-	300,000	-	-	-	-
Traffic Signal Reconstruction	201021	659	20,000	20,000	120,000	120,000	-	-
Traffic Signal Reconstruction	201021	678	-	-	180,000	180,000	-	-
Traffic Signal Reconstruction	201021	681	20,000	110,000	-	-	-	-
Annual Crosswalk Safety Improvements 2012	201206	653	69,000	-	-	-	-	-
Battery Back-Up System Improvements	201222	659	160,000	134,000	75,000	75,000	-	-
Video Detection Upgrade	201223	653	100,000	-	-	-	-	-
Video Detection Upgrade	201223	659	-	164,600	70,000	70,000	-	-
Safe Routes To School	201225	653	58,600	-	-	-	-	-
Safe Routes To School	201225	656	139,770	-	-	-	-	-
Annual Crosswalk Safety Improvements 2013	201306	653	69,580	-	-	-	-	-
Annual Crosswalk Safety Improvements 2014	201406	677	70,000	-	-	-	-	-
Traffic Signal Controller Cabinet Upgrade	201430	650	50,000	200,000	100,000	-	-	-
Traffic Signal Installation Program	201431	306	75,000	575,000	325,000	325,000	-	325,000
Electronic Incident Management System	201432	653	-	-	-	40,000	240,000	-
Electronic Incident Management System	201432	W	-	-	-	160,000	960,000	-
Annual Crosswalk Safety Improvements 2015	201506	677	-	70,000	70,000	70,000	-	1,120,000
Safe Routes to School - Marilyn Ave Elementary School	201529	677	20,000	30,000	-	-	-	-
Safe Routes to School - Marilyn Ave Elementary School	201529	680	83,000	275,000	-	-	-	-
Portola Avenue Medians	201611	306	-	-	-	-	-	1,250,000
Annual Traffic Calming Program	201705	001	-	-	-	80,000	-	1,280,000
Traffic Control			**$1,347,410**	**$ 2,620,600**	**$ 1,290,000**	**$ 1,470,000**	**$1,200,000**	**$ 6,375,000**
Vallecitos Road Bridge Widening	200097	W	$ -	$ -	$ -	$ -	$ -	$ 2,450,000
Arroyo Mocho Trail E-1 Extension	200216	677	5,000	-	-	-	-	-
Arroyo Las Positas Trail- Walmart	200245	616	-	-	-	-	-	309,000
Arroyo Las Positas Trail- Walmart	200245	677	-	-	-	-	-	1,005,900
Trail Improvements - Segment N	200460	D	-	-	-	-	-	750,000
Livermore to Pleasanton Arroyo Trail Segmt T14.	200647	677	20,000	-	-	-	-	-
Livermore to Pleasanton Arroyo Trail Segmt T14.	200647	693	700	-	-	-	-	-
Trails and Bikeways Master Plan Implementation	200651	677	15,000	15,000	30,000	30,000	-	-

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Trails and Bikeways Master Plan Implementation	200651	681	15,000	15,000	-	-	-	-
Trail Segmt L19 under the Portola Overcrossing	200655	337	-	750,000	-	-	-	-
Trail Segmt L19 under the Portola Overcrossing	200655	677	-	-	-	100,000	-	-
Trail Segmt L19 under the Portola Overcrossing	200655	678	-	250,000	-	100,000	-	-
Trail Segmt L19 under the Portola Overcrossing	200655	D	-	-	1,000,000	-	-	-
The Del Valle Trail Extension	200714	337	-	-	-	-	-	400,000
Bike and Pedestrian Master Plan Update	201024	674	-	200,000	200,000	-	-	-
Bike and Pedestrian Master Plan Update	201024	677	-	50,000	50,000	-	-	-
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	001	17,000	-	-	-	-	-
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	677	372,259	15,000	15,000	15,000	15,000	30,000
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	678	215,000	7,500	-	-	-	-
Iron Horse Trail (Outside of Downtown)	201037	616	-	-	-	-	-	20,000
Iron Horse Trail (Outside of Downtown)	201037	678	-	-	-	-	-	500,000
Iron Horse Trail (Outside of Downtown)	201037	W	-	-	-	-	-	14,384,650
Iron Horse Trail (Downtown- Livermore Ave)	201040	677	2,232	-	-	-	-	-
Citywide Bike Trail Bridge Maintenance	201326	678	5,000	2,500	2,500	2,500	25,000	500,000
Multi-Use Trails Repairs - 2014	201420	677	20,000	-	-	-	-	-
Multi-Use Trails Repairs - 2016	201620	677	-	-	100,000	-	-	-
Multi-Use Trails Repairs - 2016	201620	687	-	-	50,000	-	-	-
Multi-Use Trails Repairs - 2017	201720	677	-	-	-	100,000	-	-
Multi-Use Trails Repairs - 2017	201720	687	-	-	-	50,000	-	-
Multi-Use Trails Repairs - 2018	201820	677	-	-	-	-	100,000	1,600,000
Multi-Use Trails Repairs - 2018	201820	687	-	-	-	-	50,000	800,000
Iron Horse Trail (Downtown)	201824	001	-	-	-	-	-	2,033,130
Iron Horse Trail (Downtown)	201824	W	-	-	-	-	-	2,033,130
Trail, Bike, & Misc St			**$ 687,191**	**$ 1,305,000**	**$ 1,447,500**	**$ 397,500**	**$ 190,000**	**$ 26,815,810**
First St. Widening- Portola Ave. to Scott St.	199132	306	$ 40,000	$ -	$ -	$ 332,000	$ -	$ 450,000
Greenville Rd/I-580 Interchange	199149	306	-	-	-	-	-	31,000,000
Greenville Rd/I-580 Interchange	199149	W	-	-	-	-	-	8,500,000
Isabel Ave./I-580 Interchange	199238	239	490,000	-	-	-	-	-
Isabel Ave./I-580 Interchange	199238	306	105,000	580,000	155,000	-	-	36,576,000
Isabel Ave./I-580 Interchange	199238	660	325,757	-	-	-	-	-
Isabel Ave./I-580 Interchange	199238	679	3,375,214	-	-	-	-	-
Vasco Road/I-580 Interchange	199352	306	-	-	-	200,000	200,000	43,725,000
Vasco Road/I-580 Interchange	199352	616	-	-	-	31,610	-	-

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Vasco Road/I-580 Interchange	199352	W	-	-	-	1,000,000	1,000,000	11,000,000
TIF Update	199371	306	25,000	25,000	200,000	200,000	200,000	1,000,000
East Vineyard Avenue Realignment and Signalization	199660	663	10,000	-	-	-	-	-
Greenville Road Widening - National to Northfront	199830	306	-	-	-	-	-	6,400,000
Greenville Rd. Widening - Patterson to National	199831	306	-	-	-	-	-	6,520,000
N. Livermore Ave Widening - I-580 to Cromwell	199834	306	-	-	-	-	-	4,300,000
Vasco Rd. Widening - I 580 to Las Positas Rd.	199836	306	-	-	-	-	-	3,100,000
Las Positas Rd. Widening, Hiliker to First	199838	306	-	-	-	-	-	2,500,000
TIF Reimbursements	200076	306	820,000	1,640,000	300,000	-	-	5,000,000
Las Positas Rd Widening - First to Bennett	200083	306	-	-	31,800	-	-	4,045,000
BART to Livermore Extension	200122	306	650,966	500,000	500,000	500,000	-	40,000,000
BART to Livermore Extension	200122	656	100,000	186,000	-	-	-	-
BART to Livermore Extension	200122	695	200,000	300,000	-	-	-	-
I-580 Improvements	200124	306	40,308	25,000	25,000	25,000	25,000	-
North Canyons Pkwy./Dublin Blvd. Connection	200259	306	50,000	50,000	50,000	450,000	-	6,270,000
Holmes Street Widening	200351	306	-	-	-	-	-	3,500,000
Isabel Ave Widening-Jack London Blvd to Vallecitos	200458	321	120,000	100,000	60,000	25,000	-	-
Isabel Ave Widening-Jack London Blvd to Vallecitos	200458	691	-	45,000	20,000	-	-	-
North Vasco Road Median	200611	306	-	-	-	285,000	-	-
Vasco ACE Parking Lot - Connector Road	200719	304	-	-	-	437,000	-	-
Vasco ACE Parking Lot - Connector Road	200719	688	-	-	-	500,000	-	-
El Charro Specific Plan Infrastructure	200720	270	30,000	-	-	-	-	-
El Charro Specific Plan Infrastructure	200720	310	95,000	-	-	-	-	-
El Charro Specific Plan Infrastructure	200720	341	2,667,000	556,600	-	6,254,200	-	-
El Charro Specific Plan Infrastructure	200720	346	264,000	-	-	-	-	-
TIF Reimbursements Catholic High School SCIP	200828	306	-	-	-	-	390,000	10,850,000
Vasco Rd. Widening I-580 to Scenic Ave.	200833	306	-	-	-	-	-	3,510,000
Inman Street Widening	200834	306	-	-	-	-	-	280,000
Various Intersection Improvements	200835	306	-	-	-	300,000	-	3,410,000
Stanley Blvd Widening-Murrieta to West City Limit	200851	306	-	-	-	-	-	13,780,000
First Street/I-580 Interchange Improvements	200864	306	-	-	-	-	-	32,000,000
First Street/I-580 Interchange Improvements	200864	W	-	-	-	-	-	5,000,000
Foley Road Realignment	201028	D	-	-	-	875,000	-	-
S. Vasco Road Widening Las Positas to Patterson	201453	306	-	-	-	-	-	6,890,000
West Jack London Blvd Widening	201528	001	325,000	-	-	-	-	-
West Jack London Blvd Widening	201528	302	-	120,000	350,000	-	-	-

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
West Jack London Blvd Widening	201528	346	-	130,000	-	-	-	-
West Jack London Blvd Widening	201528	677	-	100,000	-	-	-	-
L Street/UPRR Grade Separation	201825	W	-	-	-	-	-	30,000,000
Junction Avenue/UPRR Grade Separation	201826	W	-	-	-	-	-	30,000,000
Transportation Infrastructure			**$9,733,245**	**$ 4,357,600**	**$ 1,691,800**	**$11,414,810**	**$1,815,000**	**$ 349,606,000**
North "L" Street Utility Undergrounding	200098	001	$ -	$ -	$ -	$ -	$ -	$ 120,000
North "L" Street Utility Undergrounding	200098	650	-	-	-	-	-	200,000
North "L" Street Utility Undergrounding	200098	652	-	-	-	-	-	33,120
North "L" Street Utility Undergrounding	200098	659	-	-	-	-	-	102,380
North "L" Street Utility Undergrounding	200098	B	-	-	-	-	-	2,700,000
East Avenue Utility Undergrounding	200841	001	-	-	-	-	-	105,000
East Avenue Utility Undergrounding	200841	650	-	-	-	-	-	140,000
East Avenue Utility Undergrounding	200841	652	-	-	-	-	-	450,000
East Avenue Utility Undergrounding	200841	B	-	-	-	-	-	6,610,000
North Vasco Road Utility Undergrounding	200842	652	-	-	-	-	-	30,000
North Vasco Road Utility Undergrounding	200842	B	-	-	-	-	-	1,365,000
South Livermore Ave Utility Undergrounding	200843	001	-	-	-	-	-	150,000
South Livermore Ave Utility Undergrounding	200843	650	-	-	-	-	-	50,000
South Livermore Ave Utility Undergrounding	200843	652	-	-	-	-	-	200,000
South Livermore Ave Utility Undergrounding	200843	B	-	-	-	-	-	2,460,000
South L Street Utility Undergrounding	200844	001	-	-	-	-	-	60,000
South L Street Utility Undergrounding	200844	652	-	-	-	-	-	300,000
South L Street Utility Undergrounding	200844	B	-	-	-	-	-	1,790,000
In-Lieu Utility Undergrounding	201226	303	-	-	-	150,000	638,475	-
State Route 84 Utility Undergrounding	201324	306	25,000	25,000	75,000	50,000	50,000	-
State Route 84 Utility Undergrounding	201324	B	-	1,000,000	750,000	2,000,000	600,000	-
Underground District / Rule 20 A			**$ 25,000**	**$ 1,025,000**	**$ 825,000**	**$ 2,200,000**	**$1,288,475**	**$ 16,865,500**
Utility Master Planning	198815	241	$ 10,000	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 800,000
Utility Master Planning	198815	251	30,000	100,000	10,000	10,000	10,000	600,000
Utility Master Planning	198815	308	15,000	10,000	10,000	10,000	10,000	600,000
Sanitary Sewer Mainline Bottlenecks	199874	239	-	-	-	-	-	5,000
Sanitary Sewer Mainline Bottlenecks	199874	241	750,000	-	-	-	-	700,000
Cogeneration Project at WRP	200444	239	-	225,000	2,000,000	-	-	-
Cogeneration Project at WRP	200444	241	-	75,000	675,000	-	-	-

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Cogeneration Project at WRP	200444	W	-	-	2,000,000	-	-	-
Wastewater Irrigation Incentive Program	200645	241	25,000	60,000	-	-	-	8,500,000
WRP Electrical Distribution Improvements	200848	239	250,000	4,300,000	-	-	-	5,200,000
WRP Electrical Distribution Improvements	200848	241	-	1,500,000	-	-	-	-
Sewer System Renewal and Replacement	200873	239	300,000	300,000	300,000	300,000	300,000	4,800,000
WRP Aeration Tank Modifications	201111	239	400,000	-	-	-	-	-
WRP Aeration Tank Modifications	201111	241	300,000	-	-	-	-	-
Sewer Manhole Rehabilitation	201112	239	10,000	150,000	-	-	-	-
WRP Rehabilitation and Process Improvements - 2015	201213	239	200,000	4,000,000	-	-	-	-
WRP Rehabilitation and Process Improvements - 2015	201213	241	-	1,000,000	-	1,400,000	-	-
Annual Sanitary Sewer Replacement 2014	201403	239	200,000	2,000,000	-	-	-	-
Annual Sanitary Sewer Replacement 2014	201403	241	-	300,000	-	-	-	-
Annual Sanitary Sewer Replacement 2014	201403	344	-	70,000	-	-	-	-
Annual Sanitary Sewer Replacement 2014	201403	650	-	70,000	-	-	-	-
Springtown Trunkline Replacement	201414	239	-	-	-	1,000,000	-	-
WRP Long Term Renewal Replacement Schedule	201442	239	-	-	-	-	-	61,180,000
Annual Sanitary Sewer Replacement 2015	201503	239	-	-	600,000	600,000	600,000	9,600,000
WRP HVAC and Roofing Repairs	201519	239	5,000	900,000	-	-	-	-
Storm and Sewer Lift Station Improvements	201521	239	-	-	280,000	-	-	-
Storm and Sewer Lift Station Improvements	201521	240	-	-	260,000	-	-	-
WRP Emergency Generator	201522	239	-	150,000	1,350,000	-	-	-
WRP Emergency Generator	201522	241	-	50,000	450,000	-	-	-
WRP Aerated Grit System Improvements	201523	239	-	-	-	900,000	-	-
WRP Aerated Grit System Improvements	201523	241	-	-	-	300,000	-	-
WRP Phase II Aeration Tank Modifications	201618	239	-	300,000	1,200,000	-	-	-
WRP Phase II Aeration Tank Modifications	201618	241	-	-	900,000	-	-	-
WRP Solids Capacity and Process Improvements	201816	239	-	-	-	-	-	1,900,000
WRP Solids Capacity and Process Improvements	201816	241	-	-	-	-	-	3,000,000
WRP UV System Replacement	201817	239	-	-	-	-	-	3,700,000
WRP Biological Nutrient Removal Upgrades	201818	239	-	-	-	-	-	11,600,000
WRP Biological Nutrient Removal Upgrades	201818	241	-	-	-	-	-	3,900,000
WRP Odor Control	201819	239	-	-	-	-	-	1,400,000
WRP Process Water Improvements	201829	239	-	-	-	800,000	-	-
WRP Phosphorous Recovery System	201911	239	-	-	-	-	-	3,900,000
WRP Miscellaneous Master Plan Projects	201912	239	-	-	-	-	-	330,000
Wastewater			**$2,495,000**	**$15,660,000**	**$10,045,000**	**$ 5,330,000**	**$ 930,000**	**$ 121,715,000**

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Projects Listed by Program

Fund / Project Name	Project Number	Fund #	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Trevarno Pump Station Replacement	199655	259	$ -	$ -	$ -	$ -	$ -	$ 650,000
Trevarno Pump Station Replacement	199655	337	-	-	-	-	-	300,000
Zone 2 Potable Water Storage Tank	199883	251	-	-	-	-	-	7,330,000
Zone 2 Potable Water Storage Tank	199883	259	-	-	-	-	-	3,670,000
Zone 3 Potable Water System Improvements	199884	251	-	-	-	-	-	10,900,000
Zone 3 Potable Water System Improvements	199884	259	-	-	-	-	-	1,100,000
Southfront & I-580 Waterline Crossing	199885	251	-	-	-	-	-	1,365,750
Southfront & I-580 Waterline Crossing	199885	259	-	-	-	-	-	587,250
Northfront Rd Water Turnout	200724	259	-	-	-	-	-	290,000
Doolan Canyon Rd Waterline	201412	D	-	-	-	-	-	1,400,000
Water System Renewal Replacement Schedule	201443	259	-	-	-	-	-	59,396,000
Water System Rehabilitation and Repair	201619	259	-	950,000	-	-	-	-
Water			**$ -**	**$ 950,000**	**$ -**	**$ -**	**$ -**	**$ 86,989,000**
Grand Total			**$32,293,570**	**$51,594,700**	**$49,927,300**	**$78,754,710**	**$11,665,775**	**$1,837,928,860**

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Summary of Maintenance Operation Costs
Projects Listed by Number

CIP Project Name	CIP Project Number	Prior Years	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Master Traffic Signal Control System	199144	$ 46,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ -	$ 160,000
Isabel Ave./I-580 Interchange	199238	-	-	-	-	-	-	500,000
New Fire Station No. 9	199455	-	-	46,800	46,800	46,800	-	824,200
East Vineyard Avenue Realignment and Signalization	199660	-	4,900	5,200	5,625	5,625	-	90,000
Las Positas Rd. Widening, Hiliker to First	199838	-	-	-	-	-	-	248,570
Zone 2 Potable Water Storage Tank	199883	-	-	-	-	-	-	420,000
Zone 3 Potable Water System Improvements	199884	1,082,400	165,000	165,000	165,000	165,000	-	2,850,000
Southfront & l-580 Waterline Crossing	199885	-	-	-	-	-	-	312,000
Annual Street Lighting	200113	16,800	150	150	150	150	-	38,400
Murrieta Blvd. Landscape Improvements Phase 1, 2, 3	200411	-	-	-	-	-	-	165,000
New Council Chambers	200439	-	-	-	-	61,100	61,100	1,188,800
New Springtown Branch Library	200514	-	-	-	-	-	-	1,396,400
North Vasco Road Median	200611	1,080	-	-	-	540	-	8,640
Raymond Road Landfill Rehabilitation	200620	-	-	-	-	-	-	50,000
Civic Center Library Parking Lot Expansion	200637	-	-	-	-	-	-	18,000
Livermore to Pleasanton Arroyo Trail Segmt T14.	200647	13,000	2,600	2,600	2,600	2,600	-	81,600
Bear Creek Drive Storm Drain Protection	200648	-	-	-	-	7,000	-	112,000
Trail Segmt L19 under the Portola Overcrossing	200655	-	-	-	-	-	-	62,000
Airport Administration Building	200711	-	39,000	39,000	39,000	39,000	-	624,000
Vasco ACE Parking Lot - Connector Road	200719	-	-	-	600	600	-	9,600
El Charro Specific Plan Infrastructure	200720	934,800	-	-	-	-	-	4,988,800
Brisa Storm Drain System Improvements	200723	10,500	3,500	3,500	3,500	3,500	-	56,000
Northfront Rd Water Turnout	200724	3,000	-	-	-	-	-	-
TIF Reimbursements Catholic High School SCIP	200828	-	-	-	-	-	-	54,000
Railroad Avenue Parking Garage Surface Lot	200847	-	-	-	-	4,600	4,600	93,000
City Hall Photovoltaic Expansion	200918	2,000	2,000	2,000	2,000	2,000	-	32,000
Holmes and Arroyo Mocho Vacant Lot Landscaping	201022	-	-	-	-	-	-	5,000
Galaxy Ct Flood Protection and Trail Culvert Repl	201029	-	-	2,000	2,000	2,000	-	32,000
Storm Drain Trash Capture Devices	201030	80,000	80,000	80,000	80,000	300,000	-	7,000,000
Iron Horse Trail (Outside of Downtown)	201037	-	-	-	-	-	-	535,300
Iron Horse Trail (Downtown- Livermore Ave)	201040	1,900	1,900	1,900	1,900	1,900	-	30,400
WRP Aeration Tank Modifications	201111	-	5,000	10,000	10,000	10,000	-	160,000
Sewer Manhole Rehabilitation	201112	-	3,000	3,000	6,000	6,000	-	96,000
WRP Rehabilitation and Process Improvements - 2015	201213	-	20,000	20,000	20,000	20,000	-	320,000
Battery Back-Up System Improvements	201222	1,000	1,000	1,000	1,000	1,000	-	16,000

LIVERMORE CALIFORNIA

Capital Improvement Program Budget Requests
Summary of Maintenance Operation Costs
Projects Listed by Number

CIP Project Name	CIP Project Number	Prior Years	Fiscal Year FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	Out Years 2019 to 2035
Video Detection Upgrade	201223	5,000	5,000	5,000	5,000	5,000	-	90,000
Safe Routes To School	201225	1,000	1,000	1,000	1,000	1,000	-	16,000
Annual Crosswalk Safety Improvements 2014	201406	-	1,500	-	-	-	-	-
Doolan Canyon Rd Waterline	201412	-	-	-	-	-	-	38,000
Airport Administration Building Fencing	201421	-	-	500	500	500	-	8,000
Airport Fuel Tank Monitoring System Relocation	201422	-	-	250	250	250	-	5,000
Airport Parking Lot & Runway Security Cameras & Software Upgrade	201423	-	-	1,000	1,000	1,000	-	10,000
Air Handler Upgrades to City Hall Campus Buildings	201427	-	-	100	100	100	-	1,600
Central Plant Cooling Tower Cover	201429	-	-	-	-	150	-	2,400
Traffic Signal Installation Program	201431	-	5,000	5,000	5,000	5,000	-	5,000
Electronic Incident Management System	201432	-	3,000	3,000	5,000	5,000	-	5,000
Livermorium Plaza at Mills Square Park	201436	-	-	-	1,000	1,000	1,000	16,000
Annual Crosswalk Safety Improvements 2015	201506	-	-	1,500	1,500	1,500	-	-
Airport Horse Ranch Parcel Mitigation	201513	-	-	420	420	420	-	6,720
Airport Electric Vehicle Charging Stations	201514	-	-	1,000	1,000	1,000	-	16,000
Storm and Sewer Lift Station Improvements	201521	-	-	2,000	2,000	2,000	-	32,000
WRP Emergency Generator	201522	-	-	4,000	4,000	4,000	-	64,000
Safe Routes to School - Marilyn Ave Elementary School	201529	-	-	500	500	500	500	8,500
Portola Avenue Medians	201611	-	-	-	-	-	-	102,000
Airport Water Quality and HMP Basins	201615	-	-	5,000	5,000	10,000	10,000	160,000
Airport Long Term Parking Improvements	201617	-	-	-	-	1,000	-	8,000
WRP Phase II Aeration Tank Modifications	201618	-	-	-	5,000	5,000	5,000	80,000
Water System Rehabilitation and Repair	201619	-	-	-	1,000	1,000	1,000	18,000
Airport Maintenance Facility	201811	-	-	-	-	-	-	25,000
WRP Solids Capacity and Process Improvements	201816	-	-	-	-	-	-	420,000
WRP Biological Nutrient Removal Upgrades	201818	-	-	-	-	-	-	720,000
WRP Odor Control	201819	-	-	-	-	-	-	110,000
Iron Horse Trail (Downtown)	201824	-	-	-	-	-	-	535,300
WRP Phosphorous Recovery System	201911	-	-	-	-	-	-	300,000
Railroad Depot Relocation	580001	-	-	1,500	1,500	1,500	-	25,000
Railroad Ave Parking Structure Phase 2 Const	583012	-	-	-	-	-	-	1,438,480
Livermore Village Parking Garage Construction	586003	-	-	-	56,330	56,330	56,330	961,280
Total:		**$ 2,198,480**	**$ 353,550**	**$ 423,920**	**$ 493,275**	**$ 792,665**	**$ 139,530**	**$ 27,804,990**

NO.	FUND NAME	
	GENERAL FUND	
001	General Fund- (M)	
	ENTERPRISE FUNDS	
210	Airport-(M)	
212	Airport Grant Fund-(M)	*
230	Sewer-(M)	
235	Sewer Phase V State Loan -(M)	**
239	Sewer Replacement-(M)	*
240	Stormwater User-(M)	
241	Sewer Connection Fees-(M)	*
242	LAVWMA-(M)	
250	Water-(M)	
251	Water Connection Fees-(M)	*
259	Water Replacement-(M)	*
270	Las Positas Golf-(M)	
290	Springtown Golf-(M)	
	SPECIAL REVENUE FUNDS	
600	Host Community Impact Fee	
602	City Street Sweeping	
603	LPD-COPS Ahead AB 3229 Grant	
604	South Livermore Valley Specific Plan	
605	Alameda County Tobacco Control Grant	
606	Nuisance Abatement	
607	HHS-Historic Preservation	
608	Public Art Fee	

NO.	FUND NAME	
	SPECIAL REVENUE FUNDS (Cont.)	
609	Housing Successor Agency	
610	LPD-Horizons	
611	Low Income Housing Fund	*
612	Alameda County-Measure D	
613	HHS-HCD Comm. Dev. Block Grant (CDBG)	
614	Maintenance District L&LD	
617	Used Oil Recycling Grant	
618	HHS-Bond Admin Fee Rev	
619	LPD-Asset Seizure-Adjudicated	
620	HHS-Social Opportunity Endowment	
621	BJA-Bulletproof Vest Reimb Grant	
622	HHS-CalHome Reuse Grant	
623	HHS-Valley Care Senior Project	
626	HHS-CHFA Homebuyer Assistance	
628	HHS-Mortgage Assistance	
629	HHS-CHFA Grant Help Funds	
630	Ca Beverage Container Grant	
633	HHS-HUD EDI Special Grant Fed	
634	HHS-Dental Program	
635	LPD-Federal Gr ants	
637	HHS-Ca BEGIN Grant Program	
641	LPD-Vehicle Impound Program	
642	Altamont Open Space Grant	
650	Gas Tax – Prop 111	*

NO.	FUND NAME	
	SPECIAL REVENUE FUNDS (Cont.)	
651	Gas Tax-2107.5	*
652	Gas Tax-2107	*
653	Gas Tax-2106	*
655	Vasco Road/LLNL Widening	*
656	Federal Street Grants	*
657	Measure B Local	*
659	Gas Tax-2103	*
660	Tri-Valley Transportation Council Rte 84 Corridor Improvements	*
661	Traffic Funds-Clean Air	*
663	Local St & Rd-Prop 1B	*
665	PEG Capital Fees	
666	Import Mitigation	
667	Solid Waste & Recycling	
671	HHS-Federal HOME Grant Program	
672	Library Donations Fund	
673	Library Foundation Grant	
674	MTC-TDA Grant	*
676	Livermore's Promise Grant	
677	Measure B-Bike/Pedestrian	*
678	Measure B-Streets & Roads	*
679	Measure B Isabel Interchange Grant	*
680	State Street Grants	*
681	Local Vehicle Registration Fee	*
683	Police Donations Fund	

NO.	FUND NAME	
	SPECIAL REVENUE FUNDS (Cont.)	
687	Measure BB-Bike/Pedestrian	*
688	Measure BB-Local Streets & Road	*
691	Measure B-Isabel Widening Grant	*
692	Brownfield Program	
693	State Prop 50 Water Grant	*
695	Bart to Livermore	*
	CAPITAL PROJECTS FUNDS	
003	Other Budget Sources	
301	College Ave Assessment District 87-2A Construction Fund	
302	Developer Deposits -(M)	
303	Public Utility Undergrounding	
304	Vasco/Ace-Connector Rd	
306	Traffic Impact Fee (TIF)	
308	Storm Drain	
310	LCPFA 2008 COPS Capital Fund	
321	Tri-Valley Transportation Council 20% Fee	
322	Isabel/I-580 Interchange-(M)	
323	LARPD	
331	Downtown Revitalization Fee	
333	HHS-Human Services Facilities Fee	
335	Parking In Lieu Fee	
336	Former Rte 84-Repair Funds	
337	Park Fee-AB 1600	

NO.	FUND NAME
	CAPITAL PROJECTS FUNDS (Cont.)
339	Transferable Development Credits
340	El Charro Infrastr Capital Fund-(M)
341	El Charro Specific Plan Funding-(M)
343	Shea Community Facilities District Construction Fund
344	Solid Waste & Recycling Impact Fee
346	LCPFA 2011 COPS Capital Fund-(M)
347	Fire Station and Other Capital Projects
	DEBT SERVICE FUNDS
410	LCPFA 2008 COPS Debt Service
411	LCPFA 2011 COPS Debt Service
413	LCPFA 2012 COPS Debt Service
414	2014 COP Series A Debt Service
415	2014 COP Series B Debt Service
	INTERNAL SERVICE FUNDS
700	Risk Management-Liability
710	Risk Management– W/C Insurance
720	Information Technology
730	Fleet & Eqt Services
740	Facilities Rehab Program
750	Reprographics
770	COL Employee Payroll Fund
775	COL Retiree Health Fund

Footnotes:

* Fund is included in Capital Improvement Program on the Available Funds, Uses of Funds, and Balance worksheets.

** Fund is included in Debt Service on the Available Funds, Uses of Funds, and Balance worksheets.

(M) Indicates a Major Fund

List of Funds by Fund Number

NO.	FUND NAME	FUND TYPE
001	General Fund-(M)	General Fund
003	Other Budget Sources	Capital Project
210	Airport-(M)	Enterprise
212	Airport Grant Fund -(M)	Enterprise
230	Sewer-(M)	Enterprise
235	Sewer Phase V State Loan-(M)	Enterprise
239	Sewer Replacement-(M)	Enterprise
240	Stormwater User-(M)	Enterprise
241	Sewer Connection Fees-(M)	Enterprise
242	LAVWMA-(M)	Enterprise
250	Water-(M)	Enterprise
251	Water Connection Fees-(M)	Enterprise
259	Water Replacement-(M)	Enterprise
270	Las Positas Golf-(M)	Enterprise
290	Springtown Golf-(M)	Enterprise
301	College Ave Assessment District 87-2A Construction Fund	Capital Project
302	Developer Deposits -(M)	Capital Projects
303	Public Utility Undergrounding	Capital Project
304	Vasco/Ace-Connector Rd	Capital Project
306	Traffic Impact Fee (TIF)	Capital Project
308	Storm Drain	Capital Project
310	LCPFA 2008 COPS Capital Fund	Capital Project

NO.	FUND NAME	FUND TYPE
321	Tri-Valley Transportation Council 20% Fee	Capital Project
322	Isabel/I-580 Interchange -(M)	Capital Project
323	LARPD	Capital Project
331	Downtown Revitalization Fee	Capital Project
333	HHS-Human Services Facilities Fee	Capital Project
335	Parking In Lieu Fee	Capital Project
336	Former Rte 84-Repair Funds	Capital Project
337	Park Fee-AB 1600	Capital Project
339	Transferable Development Credits	Capital Project
340	El Charro Infrastructure Capital Fund-(M)	Capital Project
341	El Charro Specific Plan Funding-(M)	Capital Project
343	Shea Community Facilities District Construction Fund	Capital Project
344	Solid Waste & Recycling Impact Fee	Capital Project
346	LCPFA 2011 COPS Const. Fund-(M)	Capital Project
347	Fire Station and Other Capital Projects	Capital Project
410	LCPFA 2008 COPS Debt Service	Debt Service
411	LCPFA 2011 COPS Debt Service	Debt Service
413	LCPFA 2012 COPS Debt Service	Debt Service
414	2014 COP Series A Debt Service	Debt Service
415	2014 COP Series B Debt Service	Debt Service
600	Host Community Impact Fee	Special Revenue
602	City Street Sweeping	Special Revenue

NO.	FUND NAME	FUND TYPE
603	LPD-COPS Ahead AB 3229 Grant	Special Revenue
604	South Livermore Valley Specific Plan	Special Revenue
605	Alameda County Tobacco Control Grant	Special Revenue
606	Nuisance Abatement	Special Revenue
607	HHS-Historic Preservation	Special Revenue
608	Public Art Fee	Special Revenue
609	Housing Successor Agency	Special Revenue
610	LPD-Horizons	Special Revenue
611	Low Income Housing Fund	Special Revenue
612	Alameda County-Measure D	Special Revenue
613	HHS-HCD Comm. Dev. Block Grant (CDBG)	Special Revenue
614	Maintenance District L&LD	Special Revenue
617	Used Oil Recycling Grant	Special Revenue
618	HHS-Bond Admin Fee Rev	Special Revenue
619	LPD-Asset Seizure-Adjudicated	Special Revenue
620	HHS-Social Opportunity Endowment	Special Revenue
621	BJA-Bulletproof Vest Reimb Grant	Special Revenue
622	HHS-CalHome Reuse Grant	Special Revenue
623	HHS-Valley Care Senior Project	Special Revenue
626	HHS-CHFA Homebuyer Assistance	Special Revenue
628	HHS-Mortgage Assistance	Special Revenue
629	HHS-CHFA Grant Help Funds	Special Revenue
630	Ca Beverage Container Grant	Special Revenue
633	HHS-HUD EDI Special Grant Fed	Special Revenue
634	HHS-Dental Program	Special Revenue
635	LPD-Federal Grants	Special Revenue
637	HHS-Ca BEGIN Grant Program	Special Revenue
641	LPD-Vehicle Impound Program	Special Revenue
642	Altamont Open Space Grant	Special Revenue
650	Gas Tax – Prop 111	Special Revenue
651	Gas Tax-2107.5	Special Revenue
652	Gas Tax-2107	Special Revenue
653	Gas Tax-2106	Special Revenue
655	Vasco Road/LLNL Widening	Special Revenue
656	Federal Street Grants	Special Revenue
657	Measure B Local	Special Revenue
659	Gas Tax-2103	Special Revenue
660	Tri-Valley Transportation Council Rte 84 Corridor Improvements	Special Revenue
661	Traffic Funds-Clean Air	Special Revenue
663	Local St & Rd-Prop 1B	Special Revenue
665	PEG Capital Fees	Special Revenue
666	Import Mitigation	Special Revenue
667	Solid Waste & Recycling	Special Revenue
671	HHS-Federal HOME Grant Program	Special Revenue

NO.	FUND NAME	FUND TYPE
672	Library Donations Fund	Special Revenue
673	Library Foundation Grant	Special Revenue
674	MTC-TDA Grant	Special Revenue
676	Livermore's Promise Grant	Special Revenue
677	Measure B-Bike/Pedestrian	Special Revenue
678	Measure B-Streets & Roads	Special Revenue
679	Measure B Isabel Interchange Grant	Special Revenue
680	State Street Grants	Special Revenue
681	Local Vehicle Registration Fee	Special Revenue
683	Police Donations Fund	Special Revenue
687	Measure BB-Bike/Pedestrian	Special Revenue
688	Measure BB– Local Streets & Roads	Special Revenue
691	Measure B-Isabel Widening Grant	Special Revenue
692	Brownfield Revolving Loan	Special Revenue
693	State Prop 50 Water Grant	Special Revenue
695	Bart to Livermore	Special Revenue
700	Risk Management-Liability	Internal Service
710	Risk Management-W/C Insurance	Internal Service
720	Information Technology	Internal Service
730	Fleet & Equipment Services	Internal Service
740	Facilities Rehab Program	Internal Service
750	Reprographics	Internal Service
770	COL Employee Payroll Fund	Internal Service
775	COL Retiree Health Fund	Internal Service

Footnotes:

(M): Indicates a Major Fund

Available Funds, Uses of Funds, and Fund Balances
FY 2013-14 Actual
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Fund Balance/ Working Capital 7/1/13	Actual Revenue	Incoming Transfer	Total Available	Actual Operating Expenditures	Actual Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Fund Balance/ Working Capital 6/30/14
212	Airport Grant Fund	$ (2,080)	$ 204,965	$ 21,893	$ 224,778	$ -	$ 224,778	$ -	$ -	$ 224,778	$ -
239	Sewer Replacement	18,952,804	188,372	3,680,000	22,821,176	-	947,118	-	-	947,118	21,874,058
241	Sewer Connection Fees	14,645,065	1,057,669	129,231	15,831,965	-	1,595,815	853,753	-	2,449,568	13,382,397
251	Water Connection Fees	1,648,165	422,026	-	2,070,191	-	34,088	538,777	-	572,865	1,497,326
259	Water Replacement	13,870,265	133,842	1,330,300	15,334,407	102,326	660,339	230,898	-	993,563	14,340,844
301	College Ave Assmt Dist 87-2A Construction Fund	110,714	6,015	-	116,729	116,729	-	-	-	116,729	-
302	Developers' Deposit	-	-	-	-	-	-	-	-	-	-
303	Public Utility Undergrounding	788,475	-	-	788,475	-	-	-	-	-	788,475
304	Vasco/Ace-Connector Rd	39,460	89	-	39,549	-	-	-	-	-	39,549
306	Traffic Impact Fee (TIF)	3,697,306	2,006,752	300,000	6,004,058	-	285,506	368,032	-	653,538	5,350,520
308	Storm Drain	1,720,060	210,331	2,303,030	4,233,421	-	7,098	7,854	-	14,952	4,218,469
310	LCPFA 2008 COPS Construction Fund	2,063,675	308	3	2,063,986	-	6,805	161,564	-	168,369	1,895,617
321	Tri-Valley Transp Council 20% Fee	787,609	74,789	-	862,398	-	84,391	149,227	-	233,618	628,780
322	Isabel/I-580 Interchange	125,024	259,652	135,431	520,107	-	1,750,277	-	-	1,750,277	(1,230,170)
323	LARPD	(4,428)	-	-	(4,428)	-	-	-	-	-	(4,428)
331	Downtown Revitalization Fee	(3,936,407)	49,070	-	(3,887,337)	-	-	-	-	-	(3,887,337)
333	HHS-Human Services Facilities Fee	183,228	116,727	-	299,955	36,875	-	-	-	36,875	263,080
335	Parking In Lieu Fee	55,326	-	-	55,326	-	-	-	-	-	55,326
336	Former Rte 84-Repair Funds	1,833,808	7,198	-	1,841,006	-	82,013	-	-	82,013	1,758,993
337	Park Fee-AB 1600	1,424,992	1,136,223	-	2,561,215	-	205,178	-	-	205,178	2,356,037
339	Transferable Development Credits	2,871,684	516,126	-	3,387,810	420,000	-	-	-	420,000	2,967,810
340	El Charro Infrastructure Construction Fund	-	-	3,309,508	3,309,508	-	3,009,508	300,000	-	3,309,508	-
341	El Charro Specific Plan Funding	5,258,047	2,950,587	-	8,208,634	-	-	5,087,126	-	5,087,126	3,121,508
343	Shea Community Facilities District Construction Fun	15,118	-	-	15,118	15,118	-	-	-	15,118	-
344	Solid Waste & Recycling Impact Fee	1,084,561	959,424	-	2,043,985	-	1,274,014	190,000	-	1,464,014	579,971
346	LCPFA 2011 COPS Construction Fund	1,277,585	134	-	1,277,719	-	-	300,000	-	300,000	977,719
347	Fire Station and other Capital Projects	-	-	-	-	-	-	-	-	-	-
616	Special Project Commitments	-	-	-	-	-	-	-	-	-	-
650	Gas Tax – Prop 111	1,178,981	531,532	-	1,710,513	-	406,000	91,426	-	497,426	1,213,087
651	Gas Tax-2107.5	7,500	-	-	7,500	-	-	7,500	-	7,500	-
652	Gas Tax-2107	921,016	563,926	-	1,484,942	-	499,203	300,000	-	799,203	685,739
653	Gas Tax-2106	1,198,474	286,332	17,771	1,502,577	-	176,344	126	-	176,470	1,326,107
655	Vasco Road/LLNL Widening	4,033	40	-	4,073	-	-	-	-	-	4,073
656	Federal Street Grants	(292,570)	94,883	239,315	41,628	-	45,994	-	-	45,994	(4,366)
657	Measure B Local	371	-	-	371	-	-	371	-	371	-
659	Gas Tax-2103	816,448	1,073,910	-	1,890,358	-	886,367	42	-	886,409	1,003,949
660	Tri-Valley Tran Council Rte 84 Corridor Improvmt	322,532	3,225	-	325,757	-	-	-	-	-	325,757
661	Traffic Funds-Clean Air	34,731	-	-	34,731	-	-	34,731	-	34,731	-
663	Local St & Rd-Prop 1B	1,229,681	-	-	1,229,681	-	1,116,664	-	-	1,116,664	113,017
674	MTC-TDA Grant	(105,195)	108,546	49	3,400	3,400	-	-	-	3,400	-
677	Measure B-Bike/Pedestrian	740,302	246,617	-	986,919	1,000	87,819	81,549	-	170,368	816,551
678	Measure B-Streets & Roads	1,138,989	977,273	371	2,116,633	3,000	854,853	145,000	-	1,002,853	1,113,780
679	Measure B Isabel Interchange Grant	135,431	171,873	-	307,304	-	-	135,431	-	135,431	171,873
680	State Street Grants	-	-	-	-	-	-	-	-	-	-
681	Local Vehicle Registration Fee	522,420	418,963	-	941,383	2,060	380,964	-	-	383,024	558,359
687	Measure BB-Bike/Pedestrian	-	-	-	-	-	-	-	-	-	-
688	Measure BB-Local St & Rd	-	-	-	-	-	-	-	-	-	-
691	Measure B-Isabel Widening Grant	(84,444)	(14,783)	99,227	-	-	-	-	-	-	-

Available Funds, Uses of Funds, and Fund Balances
FY 2013-14 Actual
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Fund Balance/ Working Capital 7/1/13	Actual Revenue	Incoming Transfer	Total Available	Actual Operating Expenditures	Actual Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Fund Balance/ Working Capital 6/30/14
693	State Prop 50 Water Grant	(43,444)	(6,406)	-	(49,850)	-	-	-	-	-	(49,850)
695	BART to Livermore	-	-	-	-	-	-	-	-	-	-
003	Other Budget Sources	-	-	-	-	-	-	-	-	-	-
Total Capital Improvement Program Funds		$ 76,235,312	$ 14,756,230	$ 11,566,129	$ 102,557,671	$ 700,508	$ 14,621,136	$ 8,983,407	$ -	$ 24,305,051	$ 78,252,620

Available Funds, Uses of Funds, and Fund Balances
FY 2014-15 Updated
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Fund Balance/ Working Capital 7/1/14	Projected Revenue	Incoming Transfer	Total Available	Updated Operating Expenditures	Updated Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Estimated Fund Balance/ Working Capital 6/30/15
212	Airport Grant Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
239	Sewer Replacement	21,874,058	293,370	4,000,000	26,167,428	335,000	1,855,000	-	-	2,190,000	23,977,428
241	Sewer Connection Fees	13,382,397	1,811,000	239,528	15,432,925	-	1,085,000	1,368,572	-	2,453,572	12,979,353
251	Water Connection Fees	1,497,326	772,000	-	2,269,326	-	30,000	530,356	-	560,356	1,708,970
259	Water Replacement	14,340,844	91,125	5,000,000	19,431,969	205,000	-	227,290	-	432,290	18,999,679
301	College Ave Assmt Dist 87-2A Construction Fund	-	-	-	-	-	-	-	-	-	-
302	Developers' Deposit	-	-	-	-	-	-	-	-	-	-
303	Public Utility Undergrounding	788,475	50,000	-	838,475	-	-	-	-	-	838,475
304	Vasco/Ace-Connector Rd	39,549	-	-	39,549	-	-	-	-	-	39,549
306	Traffic Impact Fee (TIF)	5,350,520	7,142,765	-	12,493,285	-	1,856,274	367,416	-	2,223,690	10,269,595
308	Storm Drain	4,218,469	594,000	189,581	5,002,050	-	65,000	8,167	-	73,167	4,928,883
310	LCPFA 2008 COPS Construction Fund	1,895,617	-	-	1,895,617	-	150,000	95,000	-	245,000	1,650,617
321	Tri-Valley Transp Council 20% Fee	628,780	1,280,000	-	1,908,780	-	120,000	149,300	-	269,300	1,639,480
322	Isabel/I-580 Interchange	(1,230,170)	410,000	4,636,523	3,816,353	-	3,805,971	-	-	3,805,971	10,382
323	LARPD	(4,428)	50,000	4,428	50,000	-	50,000	-	-	50,000	-
331	Downtown Revitalization Fee	(3,887,337)	-	-	(3,887,337)	-	-	-	-	-	(3,887,337)
333	HHS-Human Services Facilities Fee	263,080	125,000	-	388,080	247,575	-	-	-	247,575	140,505
335	Parking In Lieu Fee	55,326	-	-	55,326	-	-	-	-	-	55,326
336	Former Rte 84-Repair Funds	1,758,993	-	-	1,758,993	-	123,000	-	-	123,000	1,635,993
337	Park Fee-AB 1600	2,356,037	3,752,000	-	6,108,037	-	3,170,000	4,428	-	3,174,428	2,933,609
339	Transferable Development Credits	2,967,810	5,000,000	-	7,967,810	-	-	-	-	-	7,967,810
340	El Charro Infrastructure Construction Fund	-	-	3,026,000	3,026,000	-	3,026,000	-	-	3,026,000	-
341	El Charro Specific Plan Funding	3,121,508	1,194,284	-	4,315,792	-	-	2,667,000	-	2,667,000	1,648,792
343	Shea Community Facilities District Construction Fun	-	-	-	-	-	-	-	-	-	-
344	Solid Waste & Recycling Impact Fee	579,971	1,149,490	-	1,729,461	-	1,200,867	204,400	-	1,405,267	324,194
346	LCPFA 2011 COPS Construction Fund	977,719	-	-	977,719	-	-	264,000	-	264,000	713,719
347	Fire Station and Other Capital Projects	-	2,703,349	-	2,703,349	-	2,700,000	-	-	2,700,000	3,349
650	Gas Tax – Prop 111	1,213,087	475,000	-	1,688,087	-	346,069	50,000	-	396,069	1,292,018
651	Gas Tax-2107.5	-	7,583	-	7,583	-	-	7,500	-	7,500	83
652	Gas Tax-2107	685,739	630,900	-	1,316,639	-	105,300	300,000	-	405,300	911,339
653	Gas Tax-2106	1,326,107	266,500	-	1,592,607	-	631,180	4,366	-	635,546	957,061
655	Vasco Road/LLNL Widening	4,073	9,000	-	13,073	-	-	-	-	-	13,073
656	Federal Street Grants	(4,366)	1,292,550	4,366	1,292,550	-	1,292,550	-	-	1,292,550	-
657	Measure B Local	-	-	-	-	-	-	-	-	-	-
659	Gas Tax-2103	1,003,949	884,000	-	1,887,949	-	562,460	-	-	562,460	1,325,489
660	Tri-Valley Tran Council Rte 84 Corridor Improvmt	325,757	-	-	325,757	-	-	325,757	-	325,757	-
661	Traffic Funds-Clean Air	-	-	-	-	-	-	-	-	-	-
663	Local St & Rd-Prop 1B	113,017	-	-	113,017	-	10,000	-	-	10,000	103,017
674	MTC-TDA Grant	-	-	-	-	-	-	-	-	-	-
677	Measure B-Bike/Pedestrian	816,551	234,000	-	1,050,551	-	524,491	50,000	-	574,491	476,060
678	Measure B-Streets & Roads	1,113,780	951,500	-	2,065,280	-	1,485,000	145,000	-	1,630,000	435,280
679	Measure B Isabel Interchange Grant	171,873	4,033,893	-	4,205,766	-	-	4,205,766	-	4,205,766	-
680	State Street Grants	-	83,000	-	83,000	-	83,000	-	-	83,000	-
681	Local Vehicle Registration Fee	558,359	403,000	-	961,359	-	260,000	-	-	260,000	701,359
687	Measure BB-Bike/Pedestrian	-	47,000	-	47,000	-	-	-	-	-	47,000
688	Measure BB-Local St & Rd	-	210,000	-	210,000	-	-	-	-	-	210,000

Available Funds, Uses of Funds, and Fund Balances
FY 2014-15 Updated
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Fund Balance/ Working Capital 7/1/14	Projected Revenue	Incoming Transfer	Total Available	Updated Operating Expenditures	Updated Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Estimated Fund Balance/ Working Capital 6/30/15
691	Measure B-Isabel Widening Grant	-	-	99,300	99,300	-	-	-	-	-	99,300
693	State Prop 50 Water Grant	(49,850)	8,000	-	(41,850)	-	700	-	-	700	(42,550)
695	BART to Livermore	-	200,000	-	200,000	-	200,000	-	-	200,000	-
003	Other Budget Sources	-	1,800,000	-	1,800,000	-	1,800,000	-	-	1,800,000	-
Total Capital Improvement Program Funds		$ 78,252,620	$ 37,954,309	$ 17,199,726	$ 133,406,655	$ 787,575	$ 26,537,862	$ 10,974,318	$ -	$ 38,299,755	$ 95,106,900

Available Funds, Uses of Funds, and Fund Balances
FY 2015-16 Projected
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Balance/ Working Capital 7/1/15	Projected Revenue	Incoming Transfer	Total Available	Requested Operating Expenditures	Requested Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Balance/ Working Capital 6/30/16
212	Airport Grant Fund	$ -	$ 1,800,000	$ -	$ 1,800,000	$ -	$ 1,800,000	$ -	$ -	$ 1,800,000	$ -
239	Sewer Replacement	23,977,428	126,285	4,350,000	28,453,713	1,515,000	12,325,000	-	-	13,840,000	14,613,713
241	Sewer Connection Fees	12,979,353	2,350,000	313,915	15,643,268	-	3,085,000	1,368,103	-	4,453,103	11,190,165
251	Water Connection Fees	1,708,970	1,126,000	-	2,834,970	-	100,000	565,520	-	665,520	2,169,450
259	Water Replacement	18,999,679	81,155	2,000,000	21,080,834	3,140,000	1,325,000	242,365	-	4,707,365	16,373,469
301	College Ave Assmt Dist 87-2A Construction Fund	-	-	-	-	-	-	-	-	-	-
302	Developers' Deposit	-	120,000	-	120,000	-	120,000	-	-	120,000	-
303	Public Utility Undergrounding	838,475	50,000	-	888,475	-	-	-	-	-	888,475
304	Vasco/Ace-Connector Rd	39,549	-	-	39,549	-	-	-	-	-	39,549
306	Traffic Impact Fee (TIF)	10,269,595	4,462,618	-	14,732,213	-	3,266,000	740,476	-	4,006,476	10,725,737
308	Storm Drain	4,928,883	251,000	75,376	5,255,259	-	210,000	8,167	-	218,167	5,037,092
310	LCPFA 2008 COPS Construction Fund	1,650,617	-	-	1,650,617	-	1,650,000	-	-	1,650,000	617
321	Tri-Valley Transp Council 20% Fee	1,639,480	456,000	-	2,095,480	-	100,000	50,000	-	150,000	1,945,480
322	Isabel/I-580 Interchange	10,382	-	580,000	590,382	-	580,000	-	-	580,000	10,382
323	LARPD	-	-	-	-	-	-	-	-	-	-
331	Downtown Revitalization Fee	(3,887,337)	-	-	(3,887,337)	-	-	-	-	-	(3,887,337)
333	HHS-Human Services Facilities Fee	140,505	190,000	-	330,505	206,956	-	-	-	206,956	123,549
335	Parking In Lieu Fee	55,326	-	-	55,326	-	-	-	-	-	55,326
336	Former Rte 84-Repair Funds	1,635,993	-	-	1,635,993	-	-	-	-	-	1,635,993
337	Park Fee-AB 1600	2,933,609	5,278,000	-	8,211,609	-	5,300,000	-	-	5,300,000	2,911,609
339	Transferable Development Credits	7,967,810	500,000	-	8,467,810	-	-	-	-	-	8,467,810
340	El Charro Infrastructure Construction Fund	-	-	556,600	556,600	-	556,600	-	-	556,600	-
341	El Charro Specific Plan Funding	1,648,792	-	-	1,648,792	-	-	556,600	-	556,600	1,092,192
343	Shea Community Facilities District Construction Fun	-	-	-	-	-	-	-	-	-	-
344	Solid Waste & Recycling Impact Fee	324,194	1,099,432	-	1,423,626	-	1,020,000	208,445	-	1,228,445	195,181
346	LCPFA 2011 COPS Construction Fund	713,719	-	-	713,719	-	130,000	-	-	130,000	583,719
347	Fire Stn & Other Capital Projects	3,349	5,788,948	-	5,792,297	-	3,140,000	-	-	3,140,000	2,652,297
650	Gas Tax – Prop 111	1,292,018	475,000	-	1,767,018	-	1,120,000	50,000	-	1,170,000	597,018
651	Gas Tax-2107.5	83	7,583	-	7,666	-	-	7,500	-	7,500	166
652	Gas Tax-2107	911,339	630,900	-	1,542,239	-	830,000	300,000	-	1,130,000	412,239
653	Gas Tax-2106	957,061	276,500	-	1,233,561	-	584,000	-	-	584,000	649,561
655	Vasco Road/LLNL Widening	13,073	9,000	-	22,073	-	-	-	-	-	22,073
656	Federal Street Grants	-	686,000	-	686,000	-	686,000	-	-	686,000	-
657	Measure B Local	-	-	-	-	-	-	-	-	-	-
659	Gas Tax-2103	1,325,489	423,000	-	1,748,489	-	1,281,600	-	-	1,281,600	466,889
660	Tri-Valley Tran Council Rte 84 Corridor Improvmt	-	-	-	-	-	-	-	-	-	-
661	Traffic Funds-Clean Air	-	-	-	-	-	-	-	-	-	-
663	Local St & Rd-Prop 1B	103,017	-	-	103,017	-	-	-	-	-	103,017
674	MTC-TDA Grant	-	200,000	-	200,000	-	200,000	-	-	200,000	-
677	Measure B-Bike/Pedestrian	476,060	234,000	-	710,060	-	430,000	50,000	-	480,000	230,060
678	Measure B-Streets & Roads	435,280	941,500	-	1,376,780	-	560,000	145,000	-	705,000	671,780
679	Measure B Isabel Interchange Grant	-	-	-	-	-	-	-	-	-	-
680	State Street Grants	-	275,000	-	275,000	-	275,000	-	-	275,000	-
681	Local Vehicle Registration Fee	701,359	403,000	-	1,104,359	-	766,000	-	-	766,000	338,359
687	Measure BB-Bike/Pedestrian	47,000	190,000	-	237,000	-	195,000	-	-	195,000	42,000
688	Measure BB-Local St & Rd	210,000	840,000	-	1,050,000	-	356,000	-	-	356,000	694,000

Available Funds, Uses of Funds, and Fund Balances
FY 2015-16 Projected
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Balance/ Working Capital 7/1/15	Projected Revenue	Incoming Transfer	Total Available	Requested Operating Expenditures	Requested Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Balance/ Working Capital 6/30/16
691	Measure B-Isabel Widening Grant	99,300	45,000	-	144,300	-	45,000	-	-	45,000	99,300
693	State Prop 50 Water Grant	(42,550)	-	-	(42,550)	-	-	-	-	-	(42,550)
695	BART to Livermore	-	300,000	-	300,000	-	300,000	-	-	300,000	-
003	Other Budget Sources	-	4,135,000	-	4,135,000	-	4,919,000	-	-	4,919,000	(784,000)
Total Capital Improvement Program Funds		$ 95,106,900	$ 33,750,921	$ 7,875,891	$ 136,733,712	$ 4,861,956	$ 47,255,200	$ 4,292,176	$ -	$ 56,409,332	$ 80,324,380

Available Funds, Uses of Funds, and Fund Balances
FY 2016-17 Projected
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Balance/ Working Capital 7/1/16	Projected Revenue	Incoming Transfer	Total Available	Requested Operating Expenditures	Requested Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Balance/ Working Capital 6/30/17
212	Airport Grant Fund	$ -	$ 288,000	$ -	$ 288,000	$ -	$ 288,000	$ -	$ -	$ 288,000	$ -
239	Sewer Replacement	14,613,713	124,000	5,000,000	19,737,713	765,000	5,730,000	-	-	6,495,000	13,242,713
241	Sewer Connection Fees	11,190,165	2,314,000	308,992	13,813,157	-	2,035,000	1,368,455	-	3,403,455	10,409,702
251	Water Connection Fees	2,169,450	820,000	-	2,989,450	-	10,000	570,140	-	580,140	2,409,310
259	Water Replacement	16,373,469	79,000	2,250,000	18,702,469	230,000	-	244,345	-	474,345	18,228,124
301	College Ave Assmt Dist 87-2A Construction Fund	-	-	-	-	-	-	-	-	-	-
302	Developers' Deposit	-	350,000	-	350,000	-	350,000	-	-	350,000	-
303	Public Utility Undergrounding	888,475	50,000	-	938,475	-	-	-	-	-	938,475
304	Vasco/Ace-Connector Rd	39,549	-	-	39,549	-	-	-	-	-	39,549
306	Traffic Impact Fee (TIF)	10,725,737	10,835,351	-	21,561,088	-	1,606,800	315,476	-	1,922,276	19,638,812
308	Storm Drain	5,037,092	131,000	35,212	5,203,304	-	310,000	8,167	-	318,167	4,885,137
310	LCPFA 2008 COPS Construction Fund	617	-	-	617	-	-	-	-	-	617
321	Tri-Valley Transp Council 20% Fee	1,945,480	681,000	-	2,626,480	-	60,000	50,000	-	110,000	2,516,480
322	Isabel/I-580 Interchange	10,382	-	155,000	165,382	-	155,000	-	-	155,000	10,382
323	LARPD	-	-	-	-	-	-	-	-	-	-
331	Downtown Revitalization Fee	(3,887,337)	-	-	(3,887,337)	-	-	-	-	-	(3,887,337)
333	HHS-Human Services Facilities Fee	123,549	190,000	-	313,549	-	-	-	-	-	313,549
335	Parking In Lieu Fee	55,326	-	-	55,326	-	-	-	-	-	55,326
336	Former Rte 84-Repair Funds	1,635,993	-	-	1,635,993	-	435,000	-	-	435,000	1,200,993
337	Park Fee-AB 1600	2,911,609	5,440,000	-	8,351,609	-	4,600,000	-	-	4,600,000	3,751,609
339	Transferable Development Credits	8,467,810	1,000,000	-	9,467,810	-	-	-	-	-	9,467,810
340	El Charro Infrastructure Construction Fund	-	-	-	-	-	-	-	-	-	-
341	El Charro Specific Plan Funding	1,092,192	-	-	1,092,192	-	-	-	-	-	1,092,192
343	Shea Community Facilities District Construction Fun	-	-	-	-	-	-	-	-	-	-
344	Solid Waste & Recycling Impact Fee	195,181	1,132,415	-	1,327,596	-	635,000	213,198	-	848,198	479,398
346	LCPFA 2011 COPS Construction Fund	583,719	-	-	583,719	-	-	-	-	-	583,719
347	Fire Stn & Other Cap Proj	2,652,297	2,608,252	-	5,260,549	-	-	-	-	-	5,260,549
650	Gas Tax – Prop 111	597,018	475,000	-	1,072,018	-	625,000	50,000	-	675,000	397,018
651	Gas Tax-2107.5	166	7,583	-	7,749	-	-	7,500	-	7,500	249
652	Gas Tax-2107	412,239	630,900	-	1,043,139	-	405,000	300,000	-	705,000	338,139
653	Gas Tax-2106	649,561	264,000	-	913,561	-	309,000	-	-	309,000	604,561
655	Vasco Road/LLNL Widening	22,073	9,000	-	31,073	-	-	-	-	-	31,073
656	Federal Street Grants	-	2,000,000	-	2,000,000	-	2,000,000	-	-	2,000,000	-
657	Measure B Local	-	-	-	-	-	-	-	-	-	-
659	Gas Tax-2103	466,889	340,000	-	806,889	-	555,000	-	-	555,000	251,889
660	Tri-Valley Tran Council Rte 84 Corridor Improvmt	-	-	-	-	-	-	-	-	-	-
661	Traffic Funds-Clean Air	-	-	-	-	-	-	-	-	-	-
663	Local St & Rd-Prop 1B	103,017	-	-	103,017	-	-	-	-	-	103,017
674	MTC-TDA Grant	-	200,000	-	200,000	-	200,000	-	-	200,000	-
677	Measure B-Bike/Pedestrian	230,060	234,000	-	464,060	-	265,000	50,000	-	315,000	149,060
678	Measure B-Streets & Roads	671,780	904,000	-	1,575,780	-	1,197,500	145,000	-	1,342,500	233,280
679	Measure B Isabel Interchange Grant	-	-	-	-	-	-	-	-	-	-
680	State Street Grants	-	-	-	-	-	-	-	-	-	-
681	Local Vehicle Registration Fee	338,359	403,000	-	741,359	-	300,000	-	-	300,000	441,359
687	Measure BB-Bike/Pedestrian	42,000	190,000	-	232,000	-	100,000	-	-	100,000	132,000
688	Measure BB-Local St & Rd	694,000	840,000	-	1,534,000	-	910,000	-	-	910,000	624,000
691	Measure B-Isabel Widening Grant	99,300	20,000	-	119,300	-	20,000	-	-	20,000	99,300

Available Funds, Uses of Funds, and Fund Balances
FY 2016-17 Projected
Capital Improvement Program Funds

		Available Funds				Uses of Funds					
Fund Number	Fund Name	Balance/ Working Capital 7/1/16	Projected Revenue	Incoming Transfer	Total Available	Requested Operating Expenditures	Requested Capital Expenditures	Outgoing Transfers	Reserves	Total Uses	Balance/ Working Capital 6/30/17
693	State Prop 50 Water Grant	(42,550)	-	-	(42,550)	-	-	-	-	-	(42,550)
695	BART to Livermore	-	-	-	-	-	-	-	-	-	-
003	Other Budget Sources	(784,000)	19,295,000	-	18,511,000	-	24,584,000	-	-	24,584,000	(6,073,000)
Total Capital Improvement Program Funds		$ 80,324,380	$ 51,855,501	$ 7,749,204	$ 139,929,085	$ 995,000	$ 47,685,300	$ 3,322,281	$ -	$ 52,002,581	$ 87,926,504

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198815	Utility Master Planning	306
199132	First St. Widening- Portola Ave. to Scott St.	258
199144	Master Traffic Signal Control System	216
199149	Geenville Road/I-580 Interchange	259
199238	Isabel Ave./I-580 Interchange	260
199352	Vasco Road/I-580 Interchange	261
199371	TIF Update	262
199455	New Fire Station No. 9	130
199473	Centralized Irrigation System (CIS)	112
199655	Trevarno Pump Station Replacement	334
199660	East Vineyard Avenue Realignment and Signalization	263
199830	Greenville Road Widening - National to Northfront	264
199831	Greenville Rd. Widening - Patterson to National	265
199834	N. Livermore Ave Widening - I-580 to Cromwell	266
199836	Vasco Rd. Widening - I 580 to Las Positas Rd.	267
199838	Las Positas Rd. Widening, Hiliker to First	268
199847	Las Positas Golf Course Back-Nine Irrig. Upgrade	70
199874	Sanitary Sewer Mainline Bottlenecks	307
199883	Zone 2 Potable Water Tank Storage Tank	335
199884	Zone 3 Potable Water System Improvements	336
199885	Southfront & l-580 Waterline Crossing	337
199914	Las Positas Golf Course Drainage Improvements	71
199937	LPGC Emergency Water System Conversion	72
200015	LPGC Hole #15 Restroom Bldg/Sewer Line	73
200028	Police Facility, Interior Renovation & Expansion	131
200056	Annual Misc Storm Drain Reimbursements	162
200061	Street Light Circuit Upgrade	180
200062	Street Light Upgrade and Relocation	181
200066	Airway Blvd. Culvert Desilting	163
200076	TIF Reimbursements (Pool 1)	269
200078	Arroyo Mocho Bank Stabilization	164
200083	Las Positas Rd Widening - 1st St. to Bennett Drive	270
200097	Vallecitos Road Bridge Widening	236
200098	N "L" Street Utility Undergrounding	296
200106	Annual Misc. Traffic Signing/Striping Maintenance	217
200109	Annual Misc. Major Public Works Repairs	182
200112	Annual Traffic Signal Modifications	218
200113	Annual Street Lighting	183
200119	Las Positas Golf Course Ramp Revisions	74
200122	BART to Livermore Extension	271
200124	I-580 Improvements	272
200216	Arroyo Mocho Trail E-1 Extension	237
200218	South Livermore Ave Sidewalk South of Chateau Way	184
200245	Arroyo Las Positas Trail- Walmart	238
200259	North Canyons Pkwy./Dublin Blvd. Connection	273
200351	Holmes Street Widening	274
200411	Murrieta Blvd Landscape Improvements Phase 1,2,3	113
200427	Jack London Landscape Rehabilitation Project	114
200429	Doolan Park Landscape Rehabilitation Project	115
200437	Paseos linking to First Street	50
200439	New Council Chambers	132
200444	Cogeneration Project at WRP	308
200445	Stream Channel Master Plans	165
200454	Open Space Easements/Fee Title/Water Rights Acqstn	104
200458	Isabel Ave Widening-Jack London Blvd to Vallecitos	275
200460	Trail Improvements - Segment N	239
200512	Downtown Landscape Rehabilitation	116
200514	New Springtown Branch Library	133
200520	Major Storm Drain Trunkline Upgrades	166
200526	Building Upgrades to the City Barn	134

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200611	North Vasco Road Median	276
200620	Raymond Road Landfill Rehabilitation	105
200625	Las Positas Golf Course Driving Range Staging Area	75
200629	Las Positas Golf Course Fencing	76
200636	Miscellaneous Airport Repair Design Services	26
200637	Civic Center Library Parking Lot Expansion	106
200645	Wastewater Irrigation Incentive Program	309
200646	Park Facilities Fee Reimbursements	117
200647	Livermore to Pleasanton Arroyo Trail Segmt T14.	240
200648	Bear Creek Drive Storm Drain Protection	167
200651	Trails and Bikeways Master Plan Implementation	241
200654	Decorative Wall Replacement - Citywide	118
200655	Trail Segmt L19 under the Portola Overcrossing	242
200658	Tree Inventory	119
200660	Carnegie Park Rehabilitation	120
200711	Airport Administration Building	27
200712	El Caminito Asphalt Sidewalk Replacement	185
200714	The Del Valle Trail Extension	243
200719	Vasco ACE Parking Lot - Connector Road	277
200720	El Charro Specific Plan Infrastructure	278
200722	Annual Curb and Gutter Replacement	186
200723	Brisa Storm Drain System Improvements	168
200724	Northfront Rd Water Turnout	338
200811	LPGC Maintenance Facility Paving & Structure	77
200813	LPGC Pro Shop/Clubhouse Facility Rehab	78
200814	LPGC Clubhouse Dr./Parking Lot Landscape Rehab	79
200816	LPGC PG&E Electrical Panel	80
200819	Las Positas Golf Course Tree Removal - Pruning	81
200826	LPGC Exhaust Fans-Grinder & Chemical Room	82
200827	Downtown Streetscape Phase II	51
200828	TIF Reimbursements Catholic High School SCIP	281
200833	Vasco Rd. Widening I-580 to Scenic Ave.	282
200834	Inman Street Widening	283
200835	Various Intersection Improvements	284
200840	City-wide Landscape Renovations	87
200841	East Avenue Utility Undergrounding	297
200842	North Vasco Road Utility Undergrounding	298
200843	South Livermore Ave Utility Undergrounding	299
200844	South L Street Utility Undergrounding	300
200847	Railroad Ave Parking Structure Ph. 2 Surface Lot	52
200848	WRP Electrical Distribution Improvements	310
200851	Stanley Blvd Widening-Murrieta to West City Limit	285
200864	First Street/I-580 Interchange Improvements	286
200869	Railroad Avenue/First Street Realignment	53
200873	Sewer System Renewal and Replacement	311
200911	Fleet Shop Floor Renovation	135
200914	Water Wall Retrofit	136
200918	City Hall Photovoltaic Expansion	137
200920	Ravenswood Historical Site Imps./Bldg. Repairs	138
201021	Traffic Signal Reconstruction	219
201022	Holmes and Arroyo Mocho Vacant Lot Landscaping	121
201023	Holmes and Deer Hollow Landscaping	122
201024	Bike and Pedestrian Master Plan Update	244
201028	Foley Road Realignment	287
201029	Galaxy Ct Flood Protection and Trail Culvert Repl	245
201030	Storm Drain Trash Capture Devices	169
201032	Robertson Park Road Rehab.	187
201034	Carnegie Library Building	139
201035	Toyota Wetland Mitigation Project	107
201036	Annual Bridge Maintenance	188

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201040	Iron Horse Trail (Downtown- Livermore Ave)	247
201111	WRP Aeration Tank Modifications	312
201112	Sewer Manhole Rehabilitation	313
201206	Annual Crosswalk Safety Improvements 2012	220
201213	WRP Rehabilitation and Process Improvements	314
201216	Arroyo Las Positas & Mocho Flood Control	170
201217	Arroyo Las Positas Airport Flood Control	171
201218	Airway Blvd. Flood Control	172
201221	CAD System Hardware/Software Upgrade	157
201222	Battery Back-Up System Improvements	221
201223	Video Detection Upgrade	222
201225	Safe Routes To School	223
201226	In-Lieu Utility Undergrounding	301
201306	Annual Crosswalk Safety Improvements 2013	224
201308	ADA Building Compliance	140
201313	Runway 7R/25L Overlay, Repainting & Lighting	28
201314	Slurry Seal Northside Aprons and Taxilanes	29
201317	North & South Hangar Outside Painting	30
201321	Park Fee Update	123
201323	Citywide Culvert Outfall Project	173
201324	State Route 84 Utility Undergrounding	302
201325	Miscellaneous Storm Drain and Culvert Repairs	174
201326	Citywide Bike Trail Bridge Maintenance	248
201401	Street Resurfacing 2014	189
201402	Sidewalk Repair Program 2013-2015	190
201403	Annual Sanitary Sewer Replacement 2014	315
201404	Slurry Seal 2014	191
201406	Annual Crosswalk Safety Improvements 2014	225
201407	ADA Access Ramps 2015-16	192
201411	Slurry Seal Southside Hangar Taxilanes	31
201412	Doolan Canyon Rd Waterline	339
201413	Culvert Improvements	175
201414	Springtown Trunkline Replacement	316
201416	Hagemann Farm Site Assessment and Improvements	141
201417	2014 Arterial Street Rehabilitation	193
201418	Miscellaneous Street Repairs	194
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201420	Multi-Use Trail Repairs - 2014	249
201421	Airport Administration Building Fencing	33
201422	Airport Fuel Tank Monitoring System Relocation	34
201423	Airport Parking Lot & Runway Security Cameras	35
201425	Airport Pavement Maintenance	36
201426	Civic Center Library Roof Repairs	142
201427	Air Handler Upgrades to City Hall Campus Buildings	143
201428	Central Plant Chiller Replacement	144
201429	Central Plant Cooling Tower Cover	145
201430	Traffic Signal Controller Cabinet Upgrade	226
201431	Traffic Signal Installation Program 2014	227
201432	Electronic Incident Management System	228
201434	Acquisition of Downtown Paseo	54
201435	Livermore Village Trash Disposal Facility	55
201436	Livermorium Park-Plaza at Mills Square	56
201437	Demolition of Downtown Property	57
201442	WRP Long Term Renewal Replacement Schedule	317
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201453	S. Vasco Road Widening Las Positas to Patterson	288
201501	Street Resurfacing 2015	195
201503	Annual Sanitary Sewer Replacement Project 2015	318
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201507	ADA Accesss Ramps 2017-18	197
201511	Airport Terminal Building Demo	37
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201513	Airport Horse Ranch Parcel Mitigation	39
201514	Airport Electric Vehicle Charging Stations	40
201515	Coating Protection for Public Buildings	146
201516	Recoating of Building Exterior Insulation Finishing System (EIFS)	147
201517	Roof Replacement Police Building	148
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201519	WRP HVAC and Roofing Repairs	319
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201524	Carnegie Park Enhancements	124
201528	West Jack London Blvd. Widening	289
201529	Safe Routes to School - Marylin Ave Elementary School	230
201530	HVAC Improvements at Las Positas Golf Course Restaurant	83
201601	Street Resurfacing 2016	198
201602	Sidewalk Repair Program 2015-16	199
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201607	ADA Access Ramps 2018-19	201
201611	Portola Avenue Medians	231
201612	Asset Management Plan	88
201613	Airport Industrial Building - Roof Renovation	41
201614	Pavement Maintenance Management Program	42
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201616	Electric Vehicle Charging Stations	150
201617	Airport Long Term Parking Improvements	44
201618	WRP Phase II Aeration Tank Modifications	323
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201620	Multi-Use Trail Repairs - 2016	250
201621	Rincon Library Roof Repairs	151
201701	Street Resurfacing 2017	202
201702	Sidewalk Repair Program 2017-18	203
201704	Slurry Seal 2017	204
201705	Annual Traffic Calming Program	232
201720	Multi-Use Trail Repairs - 2017	251
201801	Street Resurfacing 2018	205
201802	Sidewalk Repair Program 2017-18	206
201804	Slurry Seal 2018	207
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201812	Citywide Park Facilities Rehabilitation	89
201813	Citywide Street Tree Irrigation	125
201814	Ravenswood Building Site Assessment	152
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201206	Annual Crosswalk Safety Improvements 2012	220
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201406	Annual Crosswalk Safety Improvements 2014	225
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200722	Annual Curb and Gutter Replacement	186
200056	Annual Misc Storm Drain Reimbursements	162
200109	Annual Misc. Major Public Works Repairs	182
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201403	Annual Sanitary Sewer Replacement 2014	315
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200911	Fleet Shop Floor Renovation	135
201028	Foley Road Realignment	287
201029	Galaxy Ct Flood Protection and Trail Culvert Repl	245
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201530	HVAC Improvements at Las Positas Golf Course Restaurant	83
200124	I-580 Improvements	272
201226	In-Lieu Utility Undergrounding	301
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201824	Iron Horse Trail (Downtown)	253
201037	Iron Horse Trail (Outside of Downtown)	246
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200427	Jack London Landscape Rehabilitation Project	114
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200625	Las Positas Golf Course Driving Range Staging Area	75
200629	Las Positas Golf Course Fencing	76
200119	Las Positas Golf Course Ramp Revisions	74
200819	Las Positas Golf Course Tree Removal - Pruning	81
200083	Las Positas Rd Widening - 1st St. to Bennett Drive	270
199838	Las Positas Rd. Widening, Hiliker to First	268
200647	Livermore to Pleasanton Arroyo Trail Segmt T14.	240
201822	Livermore Village Downtown Parking Garage - Land Acquisition	58

Project No.	Project Name	Page
586003	Livermore Village Downtown Parking Garage Const.	64
583018	Livermore Village Infrastructure	62
201435	Livermore Village Trash Disposal Facility	55
201436	Livermorium Park-Plaza at Mills Square	56
200814	LPGC Clubhouse Dr./Parking Lot Landscape Rehab	79
199937	LPGC Emergency Water System Conversion	72
200826	LPGC Exhaust Fans-Grinder & Chemical Room	82
200015	LPGC Hole #15 Restroom Bldg/Sewer Line	73
200811	LPGC Maintenance Facility Paving & Structure	77
200816	LPGC PG&E Electrical Panel	80
200813	LPGC Pro Shop/Clubhouse Facility Rehab	78
200520	Major Storm Drain Trunkline Upgrades	166
199144	Master Traffic Signal Control System	216
200636	Miscellaneous Airport Repair Design Services	26
201325	Miscellaneous Storm Drain and Culvert Repairs	174
201418	Miscellaneous Street Repairs	194
201420	Multi-Use Trail Repairs - 2014	249
201620	Multi-Use Trail Repairs - 2016	250
201720	Multi-Use Trail Repairs - 2017	251
201820	Multi-Use Trail Repairs - 2018	252
200411	Murrieta Blvd Landscape Improvements Phase 1,2,3	113
200098	N "L" Street Utility Undergrounding	296
199834	N. Livermore Ave Widening - I-580 to Cromwell	266
200439	New Council Chambers	132
199455	New Fire Station No. 9	130
200514	New Springtown Branch Library	133
201317	North & South Hangar Outside Painting	30
200259	North Canyons Pkwy./Dublin Blvd. Connection	273
200611	North Vasco Road Median	276
200842	North Vasco Road Utility Undergrounding	298

Project No.	Project Name	Page
200724	Northfront Rd Water Turnout	338
200454	Open Space Easements/Fee Title/Water Rights Acqstn	104
200646	Park Facilities Fee Reimbursements	117
201321	Park Fee Update	123
200437	Paseos linking to First Street	50
201614	Pavement Maintenance Management Program	42
200028	Police Facility, Interior Renovation & Expansion	131
201611	Portola Avenue Medians	231
583012	Railroad Ave Parking Structure Phase 2 Const	61
201821	Railroad At-Grade Crossing Rehabilitation	208
200847	Railroad Ave Parking Structure Ph. 2 Surface Lot	52
583011	Railroad Ave Parking Structure Phase 2 - Land Acq	60
200869	Railroad Avenue/First Street Realignment	53
580001	Railroad Depot Relocation	59
201814	Ravenswood Building Site Assessment	152
200920	Ravenswood Historical Site Imps./Bldg. Repairs	138
200620	Raymond Road Landfill Rehabilitation	105
201516	Recoating of Building Exterior Insulation Finishing System (EIFS)	147
201621	Rincon Library Roof Repairs	151
201032	Robertson Park Road Rehab.	187
201517	Roof Replacement Police Building	148
201313	Runway 7R/25L Overlay, Repainting & Lighting	28
201453	S. Vasco Road Widening Las Positas to Patterson	288
201225	Safe Routes To School	223
201529	Safe Routes to School - Marylin Ave Elementary School	230
199874	Sanitary Sewer Mainline Bottlenecks	307
201112	Sewer Manhole Rehabilitation	313
200873	Sewer System Renewal and Replacement	311
583019	Shea Plaza Downtown Trash Disposal Facility	63
201402	Sidewalk Repair Program 2013-2015	190

Project No.	Project Name	Page
201602	Sidewalk Repair Program 2015-16	199
201702	Sidewalk Repair Program 2016-17	203
201802	Sidewalk Repair Program 2017-18	206
201902	Sidewalk Repair Program 2018-19	210
201404	Slurry Seal 2014	191
201504	Slurry Seal 2015	196
201604	Slurry Seal 2016	200
201704	Slurry Seal 2017	204
201804	Slurry Seal 2018	207
201904	Slurry Seal 2019	211
201314	Slurry Seal Northside Aprons and Taxilanes	29
201411	Slurry Seal Southside Hangar Taxilanes	31
200844	South L Street Utility Undergrounding	300
200218	South Livermore Ave Sidewalk South of Chateau Way	184
200843	South Livermore Ave Utility Undergrounding	299
199885	Southfront & l-580 Waterline Crossing	337
201414	Springtown Trunkline Replacement	316
200851	Stanley Blvd Widening-Murrieta to West City Limit	285
201324	State Route 84 Utility Undergrounding	302
201521	Storm and Sewer Lift Station Improvements	320
201030	Storm Drain Trash Capture Devices	169
200445	Stream Channel Master Plans	165
200061	Street Light Circuit Upgrade	180
200062	Street Light Upgrade and Relocation	181
201401	Street Resurfacing 2014	189
201501	Street Resurfacing 2015	195
201601	Street Resurfacing 2016	198
201701	Street Resurfacing 2017	202
201801	Street Resurfacing 2018	205
201901	Street Resurfacing 2019	209

Project No.	Project Name	Page
200714	The Del Valle Trail Extension	243
200076	TIF Reimbursements (Pool 1)	269
200828	TIF Reimbursements Catholic High School SCIP	281
199371	TIF Update	262
201035	Toyota Wetland Mitigation Project	107
201430	Traffic Signal Controller Cabinet Upgrade	226
201431	Traffic Signal Installation Program 2014	227
201021	Traffic Signal Reconstruction	219
200460	Trail Improvements - Segment N	239
200655	Trail Segmt L19 under the Portola Overcrossing	242
200651	Trails and Bikeways Master Plan Implementation	241
200658	Tree Inventory	119
199655	Trevarno Pump Station Replacement	334
198815	Utility Master Planning	306
200097	Vallecitos Road Bridge Widening	236
200835	Various Intersection Improvements	284
200719	Vasco ACE Parking Lot - Connector Road	277
199836	Vasco Rd. Widening - I 580 to Las Positas Rd.	267
200833	Vasco Rd. Widening I-580 to Scenic Ave.	282
199352	Vasco Road/I-580 Interchange	261
201223	Video Detection Upgrade	222
200645	Wastewater Irrigation Incentive Program	309
201619	Water System Rehabilitation and Repair	341
201443	Water System Renewal Replacement Schedule	340
200914	Water Wall Retrofit	136
201528	West Jack London Blvd. Widening	289
201523	WRP Aerated Grit System Improvements	322
201111	WRP Aeration Tank Modifications	312
201818	WRP Biological Nutrient Removal Upgrades	326
200848	WRP Electrical Distribution Improvements	310

Project No.	Project Name	Page
201522	WRP Emergency Generator	321
201519	WRP HVAC and Roofing Repairs	319
201442	WRP Long Term Renewal Replacement Schedule	317
201912	WRP Miscellaneous Master Plan Projects	330
201819	WRP Odor Control	327
201618	WRP Phase II Aeration Tank Modifications	323
201911	WRP Phosphorous Recovery System	329
201827	WRP Process Water Improvements	328
201213	WRP Rehabilitation and Process Improvements	314
201816	WRP Solids Capacity and Process Improvements	324
201817	WRP UV Replacement	325
199883	Zone 2 Potable Water Tank Storage Tank	335
199884	Zone 3 Potable Water System Improvements	336

CAPITAL IMPROVEMENT PROJECTS
RATING CRITERIA

RATING CRITERIA	RATING
Infrastructure (type)	
Essential Facility (Life/Health/Safety) or Major Facility (e.g. Police or Fire Station, Sewer Trunkline, Traffic Signals ,WTP ex)	3
Somewhat Essential (Property Protection, Intellectual Enhancement, Streets, Sidewalks, Libraries, Street Lights)	2
Non-Essential Facility (Barn, Landscaping, Trails, etc)	1
Population/Service Area Affected	
Major Population /Service Area	3
Medium Population/Service Area	2
Minor Population /Service Area	1
Cost Savings/Sustainability	
Result in High Cost Savings	3
Result in Medium Cost Savings	2
Result in Low Cost Savings	1
Outside Funding (Utilization of Grant Funds)	
Utilize Non General Fund $ 100% non-General	3
Utilize Other Non-City Funding Sources 25-50% - Local Funds Match	2
Utilize Other Non-City Funding Sources >50% - Local Funds Match	1
Compliance Issues (Regulatory)	
Citations/immediate orders OR grant or spend down deadline	3
Legal mandates/potential citations OR timely use of funds requirements (TIF, enterprise, gas tax etc)	2
Compliance with upcoming regulations	1
Other Strategic Goals	
Council Priority – Community Engagement, Economic Development (inc. Regional Transportation), Quality of Life	1-3

Note: Each of the rating categories above is treated equally with 3 points maximum score possible for each of the categories. If a project ranks high in any one category, it's assigned 3 points for that category. If a project ranks medium in any category, it receives 2 points and if a project ranks low it receives 1 point. If the project is not applicable to a category, it receives no points. The City's Leadership Team will review the draft project ranking prepared by the Engineering Division and make the final determination of whether a project is funded or not based on the ranking of a project. Projects under construction are assigned the maximum amount of points (18).

Project No.	Project Name	Total Score
199660	East Vineyard Avenue Realignment and Signalization	18
199874	Sanitary Sewer Mainline Bottlenecks	18
200216	Arroyo Mocho Trail E-1 Extension	18
200647	Livermore to Pleasanton Arroyo Trail Segmt T14.	18
200648	Bear Creek Drive Storm Drain Protection	18
200711	Airport Administration Building	18
200723	Brisa Storm Drain System Improvements	18
200918	City Hall Photovoltaic Expansion	18
201029	Galaxy Ct Flood Protection and Trail Culvert Repl	18
201040	Iron Horse Trail (Downtown- Livermore Ave)	18
201111	WRP Aeration Tank Modifications	18
201225	Safe Routes To School	18
201325	Miscellaneous Storm Drain and Culvert Repairs	18
201401	Street Resurfacing 2014	18
201402	Sidewalk Repair Program 2013-2015	18
201403	Annual Sanitary Sewer Replacement 2014	18
201404	Slurry Seal 2014	18
201417	2014 Arterial Street Rehabilitation Project	18
201420	Multi-Use Trails Repairs - 2014	18
580001	Railroad Depot Relocation	18
200122	BART to Livermore Extension	13
200458	Isabel Ave Widening-Jack London Blvd to Vallecitos	13
201619	Water System Rehabilitation and Repair	13
199238	Isabel Ave./I-580 Interchange	12
199455	New Fire Station No. 9	12
200620	Raymond Road Landfill Rehabilitation	12
200848	WRP Electrical Distribution Improvements	12
201213	WRP Rehabilitation and Process Improvements - 2015	12
201501	Street Resurfacing 2015	12
201504	Slurry Seal 2015	12
201601	Street Resurfacing 2016	12
201604	Slurry Seal 2016	12
201701	Street Resurfacing 2017	12
201704	Slurry Seal 2017	12

Project No.	Project Name	Total Score
199144	Master Traffic Signal Control System	11
200062	Street Light Upgrade and Relocation	11
200124	I-580 Improvements	11
200444	Cogeneration Project at WRP	11
200720	El Charro Specific Plan Infrastructure	11
201222	Battery Back-Up System Improvements	11
201223	Video Detection Upgrade	11
201313	Runway 7R/25L Overlay, Repainting & Lighting	11
201323	Citywide Culvert Outfall Project	11
201426	Civic Center Library Roof Repairs	11
201436	Livermorium Plaza at Mills Square Park	11
201517	Roof Replacement - Police Building	11
201522	WRP Emergency Generator	11
201529	Safe Routes to School - Marilyn Ave Elementary School	11
201530	HVAC Repair or Replacement (Beebs)	11
201612	Asset Management Plan	11
201613	Airport Industrial Building - Roof Renovation	11
201621	Rincon Library Roof Repairs	11
586003	Livermore Village Parking Garage	11
199371	TIF Update	10
199473	Centralized Irrigation System (CIS)	10
200112	Annual Traffic Signal Modifications	10
200259	North Canyons Pkwy./Dublin Blvd. Connection	10
200439	New Council Chambers	10
200654	Decorative Wall Replacement - Citywide	10
201021	Traffic Signal Reconstruction	10
201024	Bike and Pedestrian Master Plan Update	10
201036	Annual Vehicle Bridge Maintenance	10
201206	Annual Crosswalk Safety Improvements 2012	10
201216	Arroyo Las Positas & Mocho Flood Control	10
201306	Annual Crosswalk Safety Improvements 2013	10
201324	State Route 84 Utility Undergrounding	10
201406	Annual Crosswalk Safety Improvements 2014	10
201407	ADA Access Ramps 2015-16	10

Project No.	Project Name	Total Score
201431	Traffic Signal Installation Program	10
201434	Acquisition of Downtown Paseo	10
201437	Demolition of Downtown Property	10
201503	Annual Sanitary Sewer Replacement 2015	10
201506	Annual Crosswalk Safety Improvements 2015	10
201507	ADA Accesss Ramps 2017-18	10
201521	Storm and Sewer Lift Station Improvements	10
201528	West Jack London Blvd Widening	10
201602	Sidewalk Repair Program 2015-16	10
201618	WRP Phase II Aeration Tank Modifications	10
201702	Sidewalk Repair Program 2016-17	10
201802	Sidewalk Repair Program 2017-18	10
201821	Railroad At-Grade Crossing Rehabilitation	10
198815	Utility Master Planning	9
200061	Street Light Circuit Upgrade	9
200106	Annual Misc. Traffic Signing/Striping Maintenance	9
200437	Paseos linking to First Street	9
200445	Stream Channel Master Plans	9
200722	Annual Curb and Gutter Replacement	9
200920	Ravenswood Historical Site Imps./Bldg. Repairs	9
201218	Airway Blvd. Flood Control	9
201314	Slurry Seal Northside Aprons and Taxilanes	9
201416	Hagemann Farm Site Assessment and Renovation	9
201418	Miscellaneous Street Repairs	9
201430	Traffic Signal Controller Cabinet Upgrade	9
201614	Pavement Maintenance Management Program	9
201616	Electric Vehicle Charging Stations	9
201822	Livermore Village Downtown Parking Garage Land Acquisition	9
199352	Vasco Road/I-580 Interchange	8
200066	Airway Blvd. Culvert Desilting	8
200113	Annual Street Lighting	8
200645	Wastewater Irrigation Incentive Program	8
200835	Various Intersection Improvements	8
200840	Citywide Landscape Enhancements	8

Project No.	Project Name	Total Score
200847	Railroad Avenue Parking Surface Lot	8
201030	Storm Drain Trash Capture Devices	8
201221	CAD System Hardware/Software Upgrade	8
201425	Airport Pavement Maintenance	8
201435	Livermore Village Waste Disposal Facility	8
583019	Shea Plaza Downtown Waste Disposal Facility	8
200078	Arroyo Mocho Bank Stabilization	7
201112	Sewer Manhole Rehabilitation	7
201317	North & South Hangar Outside Painting	7
201423	Airport Pkg Lot & Runway Security & Software Upgrade	7
201514	Airport Electric Vehicle Charging Stations	7
201516	Recoating of Building Exterior Insulation Finishing System (EIFS)	7
201519	WRP HVAC and Roofing Repairs	7
200083	Las Positas Rd Widening - First to Bennett	6
200651	Trails and Bikeways Master Plan Implementation	6
200660	Carnegie Park Rehabilitation	6
201035	Toyota Wetland Mitigation Project	6
201217	Arroyo Las Positas Airport Flood Control	6
201419	Airport Stormwater Treatment Master Plan	6
201421	Airport Administration Building Fencing	6
201422	Airport Fuel Tank Monitoring System Relocation	6
201428	Central Plant Chiller Replacement	6
201511	Airport Terminal Building Demolition	6
201512	Airport Self-Serve Fuel Island Removal	6
201513	Airport Horse Ranch Parcel Mitigation	6
201518	Carpet Replacement for City Buildings	6
201615	Airport Water Quality and HMP Basins	6
201617	Airport Long Term Parking Improvements	6
201620	Multi-Use Trails Repairs - 2016	6
201321	Park Fee Update	4
200655	Trail Segmt L19 under the Portola Overcrossing	3

ACCRUAL BASIS

A basis of accounting in which transactions are recognized at the time they are incurred, as opposed to when cash is received or spent.

AGENCY FUNDS

Agency funds are used to account for assets held by the City acting in a fiduciary capacity for other entities. The City serves as the agent between bondholders and the assessed taxpayer.

APPROPRIATION

A legal authorization granted by the City Council to make expenditures and to incur obligations for specific purposes. For operating fund budgets, these appropriations lapse at the end of each fiscal biennium. For nonoperating/special fund budgets, such as the Capital Improvement Program funds, appropriations do not lapse but continue in force until fully expended or until the purpose for which they were granted has been accomplished, abandoned, or revised by the City Council.

ASSESSMENT DISTRICT

A funding mechanism for constructing public infrastructure. The City sells bonds to finance a specific list of capital improvements that benefit specific properties within a City determined district. Bond financing costs are repaid through assessments placed on properties receiving benefit from the financed improvements within the boundary of the assessment district. Assessments are secured through the existence of liens placed on the properties within the assessment district.

BUDGET

A financial operating plan for a given period which displays the estimated expenditures to provide services or to accomplish a purpose during that period together with the estimated sources of revenue (income) to pay for those expenditures. Once the fund totals shown in the budget are appropriated by the City Council, they become maximum spending limits.

CAPITAL PROJECT

Major construction, acquisition, or renovation activities that add value to a government's physical assets or significantly increases the useful life.

CERTIFICATES OF PARTICIPATION (COPs)

Certificates of Participation are a form of tax-exempt municipal financing. Certificates of Participation (COPs) may be sold to finance equipment and/or facilities as long as the useful economic life of each class of property exceeds the term of the COPs payment schedule.

CIP

The acronym "CIP" stands for Capital Improvement Program. It is a 20 year plan of capital improvements approved by the City Council on a biennial basis. This plan also shows projected expenditures for an additional 2-year period for planning purposes, as well as "out years" although appropriations are only made for the first 2-year period. This plan is a blueprint that City staff can follow in implementation of the listed projects. The second 2-year period serves as a detailed foundation for planning the subsequent capital improvement budget.

CONGESTION MANAGEMENT AGENCY (CMA)

A joint powers authority formed of the public agencies within Alameda County. The City of Livermore is represented on this agency. The Alameda County Transportation Commission maintains a Countywide Transportation Plan, which serves as a planning document for the funding of regional transportation improvements in Alameda County.

CONTRACTUAL SERVICES

Services rendered to a government by private firms, individuals, or other

governmental agencies. Examples include utilities, rent, maintenance agreements, and professional consulting services.

DEBT SERVICE

The cost of paying principal and interest on borrowed money according to a predetermined payment schedule.

DEBT SERVICE FUNDS

Debt service funds are used to account for the payment of principal and interest on City debt and debt related entities.

DEPRECIATION

Expiration in the service life of capital assets attributable to wear and tear, deterioration, action of the physical elements, inadequacy, or obsolescence.

DEVELOPMENT IMPACT FEE

Development impact fees are charged against development to mitigate the impact of new development on existing facilities. The State Mitigation Fee Act (AB 1600) requires that a nexus be demonstrated between development impacts and the fee imposed to mitigate the impacts. Operating and maintenance costs cannot be recovered through development impact fees. Examples of City Development Impact Fees include the Traffic Impact Fee, the Water Connection Fee, and the Sanitary Sewer Connection Fee.

ENTERPRISE FUNDS

Enterprise funds account for City operations that are financed and operated in a manner similar to a private enterprise. Costs of providing service to the public are recovered through user charges and impact fees. Examples include the City Airport, the Springtown Golf Course, the Las Positas Golf Course, and the Sewer Operating Fund.

FIDUCIARY FUNDS

Fiduciary funds are used to account for assets held by the City acting in a fiduciary capacity for other entities. Such funds are operated to carry out specific actions of agreements, ordinances, and other governing regulations.

FISCAL YEAR

A twelve-month period designated as the operating year for accounting and budgeting purposes in an organization. The City of Livermore's fiscal year is from July 1st to June 30th of the following year.

FUND

Governmental accounting systems are organized and operated on a fund basis. A fund is an interdependent financial and accounting entity with a self-balancing set of accounts in which financial transactions relating to resources, expenditures, assets, and liabilities are recorded. Funds are established to account for the use of restricted revenue sources and, normally, to carry on specific activities or pursue specific objectives. Funds may be established by the State Constitution, State statute, City ordinance, or Finance Director.

FUND BALANCE

The difference between resources and expenditures.

GASB 34

During the fiscal year ended June 30, 2005 the City completed a capital asset valuation study to comply with the requirements of GASB 34. The goal of the study was to estimate the acquisition cost of public domain or infrastructure assets which are to be included in the City's governmental activities.

The study also provided a similar valuation of assets used in the City's business-type activities. In addition, the City changed the categorization of certain assets to align them with the activities where they are being used. The results of this study and recategorizations were implemented in the City's financial reports for the fiscal year ended June 30, 2005, and resulted in accounting adjustments in governmental and business-type activities. The results of these accounting adjustments are reported as a GASB 34 Implementation Adjustment at June 30, 2005.

GENERAL PLAN

The City's controlling policy document for the physical development of the City. Under State law all capital improvement projects must be consistent with the City's General Plan.

GIS

Geographic Information Systems. This is a comprehensive data system where maps and data are linked. Information on City infrastructure, the General Plan, the Zoning Code, and development records are contained in Livermore's GIS system.

GRANTS

A contribution by a government or other organization to support a particular function. Grants may be classified as either operational or capital, depending on the grantor.

INTERNAL SERVICE FUNDS

Internal service funds are used to account for the financing of services and supplies provided by one City department to another on a cost-reimbursement basis.

LARPD

The Livermore Area Recreation and Parks District. This agency is an agency separate from the City of Livermore which constructs and maintains parks and trails in the Livermore area.

MEASURE B

Ballot measure approved by Alameda County voters and subsequently renewed for 20 years by the voters in 2000. Measure B is administered by the Alameda County Transportation Commission. Funding for the program is provided by a half-cent sales tax. Funding is provided for both voter approved major projects, as well as discretionary street construction and maintenance funding distributed to the public agencies of Alameda County.

MAINTENANCE AND OPERATION COSTS (M&O COSTS)

The maintenance and operation costs for all new infrastructure in the CIP are shown on the various CIP worksheets whenever the project is adding new infrastructure to the City. The maintenance and operation cost assumptions are shown under the total funding on the CIP worksheet.

PROPOSITION 1B

Refers to the $20 billion bond measure approved by California voters on November 7, 2006, of which $4.5 billion was allocated to projects statewide via a competitive process known as the Corridor Mobility Improvement Account (CMIA). The San Francisco Bay Area received $1.3 billion of the CMIA Program for 18 projects one of which is the Isabel Interchange. The Isabel Interchange was allocated $68 million of the CMIA Program as part of the competitive process.

PROJECT COSTS

The project costs (capital costs) are an estimate of the resources required to complete the capital project as described on the project description page. Costs typically include preliminary design, environmental clearance, final design, right-of-way acquisition, construction,

contingencies, inspection, and contract administration. Many of the project costs shown in the CIP are preliminary in nature since no significant engineering or environmental evaluation has been done which would allow for more specific estimates to be produced. Most cost estimates are produced using rule-of-thumb approximations as opposed to specific lists of materials.

PROJECT SCHEDULES

Detailed project schedules are prepared by the various project managers using Gant Charts. Key milestone dates for environmental clearance, right of way acquisition, design and construction are taken from the Gant Charts and entered into the City's Permits Plus database system for tracking. The project managers update their detailed project schedules and then enter the milestone dates in Permits Plus.

PROJECT STUDY REPORT

A planning document for State infrastructure used by and approved by Caltrans. The first step in completing improvements to or construction of State infrastructure is the Project Study Report, which identifies project alternatives and costs.

REVENUE

Sources of income received during a fiscal year, operating transfers from other funds, and other financing sources such as the proceeds derived from the sale of fixed assets.

RULE 20A PROGRAM

A program funded by P.G. & E. to underground existing overhead utilities in a continuous incremental way.

SOLID WASTE & RECYCLING IMPACT FEE

In June of 2007, the City Council approved a monthly fee charged to the City refuse hauler to mitigate the impact that refuse collection vehicles have on the useful life of City streets and to fund the implementation of a Neighborhood Preservation Fee. These funds will provide for the street maintenance program costs that are associated with the impact of heavy refuse collection vehicles and to support Neighborhood Preservation Programs which are directly related to solid waste activities.

SOUTH LIVERMORE VALLEY SPECIFIC PLAN ROAD IMPROVEMENT PROGRAM

The South Livermore Valley Specific Plan Road Improvement Program (SLVSPRIP) is a cost-sharing program facilitated by the City for funding major road infrastructure in the South Livermore Valley Specific Plan area. Costs for all major South Livermore infrastructure is spread as a special development fee on South Livermore development. Developers constructing South Livermore infrastructure are reimbursed from the fee program.

STIP

The State Transportation Improvement Program. This program provides Federal and State funding for transportation improvements. Final funding for the STIP is made by the California Transportation Commission, based on recommendations by the Metropolitan Transportation Commission. The Alameda County Transportation Commission Countywide Transportation Plan serves as the basis for Alameda County transportation plans in the Regional Transportation Plan developed by the Metropolitan Transportation Commission.

TCFA

The Transportation Fund for Clean Air (TFCA) is a regional program administered by the Bay Area Air Quality Management District that provides funds for projects that contribute to improved air quality by reducing motor vehicle travel and vehicle emissions, such as bicycle and pedestrian improvement projects.

TDA

TDA is the Transportation Development Act (Article 3) and is a state program administered by the Metropolitan Transportation Commission that provides funds for bicycle and pedestrian transportation improvement projects

TEA-21

TEA-21 is the federal Transportation Efficiency Act for the 21st Century which was adopted by Congress in 1988. This federal legislation authorized a six-year extension of the federal transportation funding bill.

TIF

TIF is the City's Traffic Impact Fee Program. This program funds the construction for over $250 million in major transportation infrastructure over the next 20 years. Revenue is generated by new development paying the TIF fee. Costs are allocated to new development based on a nexus study in compliance with the State Mitigation Fee Act (AB 1600). Projects include major streets, Interstate 580 interchanges, local matches for BART to Livermore and High Occupancy Vehicle Lanes (HOV) on Interstate 580. Some facilities in this program are constructed by new development, with offsetting TIF fee credits and reimbursements being provided to developers.

TVTC

The Tri-Valley Transportation Council is a joint powers authority of the cities of Livermore, Pleasanton, Dublin, San Ramon, Danville, and the counties of Contra Costa and Alameda. The TVTC has identified important subregional transportation improvements. A subregional development impact fee, the Tri-Valley Transportation Development Fee has been established by the TVTC to provide "seed" money for major subregional transportation improvements.

USER CHARGES

User charges are the payment of a fee for direct receipt of a public service by the party who benefits from the service.

ZONE 1

A water pressure zone of the City water distribution system on the west side of Livermore. This zone serves the lowest elevations in Livermore. It is one of three water pressure zones in the City of Livermore's water system.

ZONE 2

The middle pressure zone of the City water distribution system in the northern parts of Livermore. This zone primarily serves the Springtown area and adjacent areas. It is one of three water pressure zones in the City of Livermore's water system.

ZONE 3

The highest pressure zone of the City water distribution system in the eastern parts of Livermore. This zone primarily serves areas east of Vasco Road. It is one of three water pressure zones in the City of Livermore's water system.

ZONE 7

The Alameda County Flood Control and Water Conservation Agency, Zone 7. Zone 7 is a dependent special district affiliated with Alameda County that is the water wholesaler and flood control agency in the Livermore Valley. Zone 7 operates a number of improved flood control channels in the Valley and has long-range plans for owning and maintaining major flood control facilities in the Valley.

IN THE CITY COUNCIL OF THE CITY OF LIVERMORE, CALIFORNIA

A RESOLUTION APPROVING THE TWO-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET FOR FY 2015-16 AND FY 2016-17 AND ADJUSTING APPROPRIATIONS FOR FY 2014-15

The Planning Commission reviewed the FY 2015-16 and FY 2016-17 Capital Improvement Program Budget and found that it conforms to the City's General Plan.

The City Council was provided the Planning Commission's recommendations from the June 16, 2015 Planning Commission meeting, along with the associated staff report.

The City Council agrees with the recommendations regarding General Plan consistency as contained in the Planning Commission resolution and the staff report, adopts the same by reference, and finds the Capital Improvement Program budget to be consistent with the City's General Plan.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Livermore that:

1. The FY 2015-16 and FY 2016-17 Capital Improvement Program Budget is approved;

2. Funds, in the amount of $100,952,000, are appropriated for the FY 2015-16 and FY 2016-17 Capital Improvement Program Budget; and

3. The previous appropriations for FY 2014-15 are adjusted to reflect a total appropriation and expenditure of $32,233,570.

On motion of Council Member Gary, seconded by Vice Mayor Turner, the foregoing resolution was passed and adopted on June 22, 2015, by the following vote:

AYES: Council Members Gary, Spedowfski, Woerner, Vice Mayor Turner, Mayor Marchand
NOES: None
ABSENT: None
ABSTAIN: None

ATTEST:

Susan Neer
City Clerk

APPROVED AS TO FORM:

Jason Alcala
City Attorney

Dated: June 23, 2015

TO: Chairperson Pann and
Members of the Planning Commission

PREPARED BY: Andy Ross, Assistant Planner

REVIEWED BY: Paul Spence, Planning Manager
Steve Stewart, Principal Planner

DATE: June 16, 2015

SUBJECT: Consistency Determination 15-001

SUMMARY RECOMMENDATION

Staff recommends the Planning Commission adopt a resolution approving Consistency Determination 15-001, finding the proposed Capital Improvement Program (CIP) for Fiscal Years 2015-2016, and 2016-2017 consistent with the goals, objectives, policies, and actions of the City's 2003 General Plan.

BACKGROUND

Government Code Section 65103(c) requires the Livermore Planning Division annually review the City's CIP for consistency with the General Plan. The City adopts a two-year Capital Improvement Budget to coincide with the City's two-year Operating Budget. A mid-cycle review of the CIP is conducted in the off-year and adjusted as needed. The Livermore City Council has already held several budget workshops and will consider the 2015-2017 Operating Budget, including the Capital Improvement Budget on June 22, 2015. The City Council determines which projects and funding sources to include in the budget. The Planning Commission's role is to make a finding of consistency with the General Plan.

PROJECT DESCRIPTION

The City's CIP consists of planned expenditures for construction and improvements to capital facilities, including transportation infrastructure, public buildings and airport facilities, downtown revitalization, golf course, infrastructure rehabilitation, public safety, underground districts, water, wastewater and storm drain infrastructure, street maintenance, traffic control, trails and bike lanes, parks and beautification projects, and

other miscellaneous projects. The CIP also includes proposed expenditures for El Charro Specific Plan Infrastructure, a BART to Livermore extension in the median of I-580 (environmental review and station area planning), and the State Route 84 Widening Project. The CIP consist of 16 project categories:

o Airport	o Street Maintenance
o Downtown Revitalization	o Traffic Control
o Golf Course	o Trail, Bike, and Miscellaneous Street
o Miscellaneous	o Transportation Infrastructure
o Parks and Beautification	o Underground District-Rule 20 A Projects
o Public Buildings	o Wastewater
o Public Safety	o Water/Recycled Projects
o Storm Drain	o Infrastructure-Rehab

The total budget for the 2015-2017 CIP is $101,522,000 ($51,594,700 in FY 2015-2016 and $49,927,300 in FY 2016-2017).

STAFF ANALYSIS

The following analysis provides brief descriptions of the CIP project categories, project types, anticipated costs, and the finding of consistency with General Plan goals, objectives, policies, and actions.

Airport Projects

Projects at the Livermore Municipal Airport include a variety of projects to enhance airport operations and maintain and upgrade existing facilities necessary for safe and efficient aviation. The FY 2015-2017 CIP includes miscellaneous airport design services, Runway 7R-25L overlay, remarking and lighting, painting of the North and South hangers, airport fuel tank monitoring system relocation, parking lot and runway security cameras, pavement maintenance, airport terminal building demolition, self-service fuel island removal, safety and aesthetic upgrades at the airport horse ranch parcel, electrical vehicle charging stations, airport industrial building roof renovation, pavement maintenance and management program, water quality and stormwater basin design and construction, and airport long term parking improvements. Projects requested total: $2,736,500 for FY 2015-2016, and $730,000 for FY 2016-2017.

General Plan Consistency Finding: The proposed Airport Projects include improvements, maintenance, and upgrades to existing facilities that are necessary to maintain safe levels of existing services. The projects will not affect or change the existing scale of airport operations and are consistent with the AIR (Airport) Zoning District adopted by the City Council on March 22, 2010. The projects are consistent with the following 2003 General Plan goals, objectives, and policies of the Circulation and Public Safety elements:

- *Goal CIR 9.0 – Support and protect safe and efficient aviation operations at the Municipal Airport.*
- *Objective CIR-9.1 – Ensure that aviation operations, uses, and development are protected from incompatible adjacent land uses, as well as meet the needs of the local and regional economy.*
- *Policy CIR-9.1.P1 – Future development and operations at the Municipal Airport shall be in conformance with an approved Airport zoning district and the Livermore Airport Land Use Compatibility Plan ("ALUCP"), dated August 2012. The overall scale of operations at the Municipal Airport shall not exceed the thresholds listed in the General Plan.*
- *Goal PS-5 – Minimize risks associated with aircraft operations at the Municipal Airport.*

Downtown Revitalization Projects

Downtown Revitalization includes the following projects for the CIP FY 2015-2017:

- Historic Southern Pacific Railway Depot building relocation from the former Lucky's shopping center site to the Downtown Transit Center,
- Mills Park renovation commemorating the discovery of the element "Livermorium",
- Demolition of vacant buildings, land acquisition, design, and construction of the Livermore Village Parking Garage,
- Design and construction of Railroad Avenue surface lot,
- Consolidated Waste Disposal facilities, and
- Downtown Paseo acquisition and improvements.

Projects requested total: $4,920,000 for FY 2015-2016, and $17,280,000 for FY 2016-2017.

General Plan Consistency Finding: Downtown Revitalization Projects are consistent with General Plan goals and the Downtown Specific Plan strategies for the revitalization of the Downtown Area. The above-listed projects are consistent with and implement the following 2003 General Plan goals, objectives, policies, and actions found in the Land Use, Community Character, Circulation, and Open Space and Conservation Elements of the Plan.

- *Objective LU-1.4 - Encourage commercial development that will support and enhance a vibrant downtown and serve existing neighborhoods.*
- *Goal CC-3 - Preserve and enhance the City's cultural and historic resources not merely as positive reminders of the past, but also as relevant and unique alternatives for the present and the future – a source of community identity, architectures, and social ecological and economic vitality.*
- *Objective CC 3.3 – Promote a broad public understanding of Livermore's heritage, traditions, and preservation policies and foster a wider appreciation of the contributions historic and cultural resources make to the City's distinctive and diverse character.*
- *Goal CIR-7 – Develop a downtown circulation system that is pedestrian-oriented and supports downtown as a destination.*
- *Objective CIR-7.1 – Design and maintain a safe and interconnected pedestrian-oriented downtown circulation system.*
- *Policy CIR-7.1.P1 – Promote pedestrian activity as the primary mode of travel in downtown.*

- *Goal CIR-10 - Provide adequate, safe and convenient short- and long-term vehicle and bicycle parking for all land uses in the City.*
- *Objective OSC5.1.P1- Livermore's existing parks shall be maintained and enhanced, as appropriate.*

The Downtown Revitalization Projects also implement Downtown Specific Plan strategies for the Downtown Area that include:

- *Strategy 1 c(7)- Focus capital improvements downtown to provide a highly visible demonstration of the City Council's commitment to downtown revitalization.*
- *Strategy 8 - Revive the role of the First Street and Livermore Avenue intersection as the Heart of the City.*
- *Strategy 11 – Enhance the convenience of Downtown parking and access. Make it easy for people to come Downtown and to stay there by providing visible, easily accessible public parking throughout the Core.*
- *Strategy 11b – Build new public parking lots and structures as new development occurs... A key location for a new parking structure is behind the First Street Shops within the former Lucky's site to serve the Downtown Core.*

Golf Course Projects

There are no Golf Course projects proposed for funding in FY 2015-2016, or FY 2016-2017.

Miscellaneous Projects

Miscellaneous Projects are not specifically attributable to other project categories. The FY 2015-2017 CIP includes the Raymond Road landfill rehabilitation and the Toyota wetland mitigation project. Both projects occur on the City owned property known as the Springtown Alkali Sink Preserve. As part of the Raymond Road landfill rehabilitation, the City will import 160,000 cubic yards of soil to the site and grade the site to drain in order to prevent further exposure of waste and to comply with applicable State regulations for closed landfills. The Toyota Wetland Mitigation Project includes mitigation monitoring of a recently constructed 0.24-acre wetland on the City's Springtown property, which mitigated the loss of 0.095 acres of wetlands on the Livermore Toyota Site. CIP expenditures for this project are for ongoing maintenance and monitoring. Projects requested total: $ 855,000 for FY 2015-2016, and $330,000 for FY 2016-2017.

General Plan Consistency Finding: The Raymond Road landfill rehabilitation implements the General Plan goal to store solid waste in ways that are safe, sanitary, and environmentally acceptable. The Toyota wetland mitigation project implements the General Plan goal to conserve the value of open space as a biological resource. The above-listed projects are consistent with the following 2003 General Plan goals, objectives, policies, and actions found in the Infrastructure and Public Services and Open Space and Conservation Elements of the Plan.

- *Goal INF-8 Collect, store, transport, recycle and dispose of solid waste in ways that are safe, sanitary, and environmentally acceptable.*

- *Goal OSC-1 Conserve the value and function of Livermore's open space as a biological resource.*
- *Objective OSC-1.1 Maintain biodiversity within the Planning Area with special emphasis on species that are sensitive, rare, declining, unique or represent valuable biological resources.*
- *Policy OSC 1.1.P6. The City shall preserve and maintain Frick Lake and the Springtown Alkali Sink area as important wildlife and plant habitats through preservation of open space in and around these areas.*

Parks and Beautification Projects

Parks and Beautification projects are intended to improve, renovate, and enhance existing City maintained park areas, public spaces, roadways, and medians. This includes street landscaping and various beautification projects to City entryways and corridors. Specific projects included in the FY 2015-2017 CIP are Centralized Irrigation System, Citywide Decorative Wall Replacement, Carnegie Park rehabilitation, park facilities fee reimbursements, and Park Fee update. Projects proposed total: $6,470,000 for FY 2015-2016, and $ $4,620,000 for FY 2016-2017.

General Plan Consistency Finding: Projects in the Parks and Beautification category are consistent, overall, with General Plan goals to maintain high standards of urban design, preserve Livermore's natural setting, protect public views and provide a comprehensive park system. The above-listed projects are consistent with and implement the following General Plan goals, objectives, policies, and actions found in the Community Character and Open Space and Conservation Elements.

- *Goal CC-1 – Preserve and enhance Livermore's natural setting.*
- *Goal CC-2 – Maintain high standards of urban design in Livermore.*
- *Objective OSC-5.1 – Provide a comprehensive system of parks and recreation facilities in Livermore.*
- *Policy OSC-5.1.P1 – Livermore's existing parks shall be maintained and enhanced, as appropriate.*

Public Building Projects

Public Building Projects include maintenance, rehabilitation, and construction of public buildings, such as fire stations, civic buildings, and library facilities. The FY 2015-2017 CIP includes completion of Fire Station No. 9 on Cordoba Street, design and construction of a new Council Chambers on the former Civic Center Library site, Hagemann Farm assessments and renovations, recoating of building exterior insulation finishing systems (EIFS) coating on City Campus buildings, electric vehicle charging stations at civic facilities and a Central Plant chiller replacement study for the Civic Center buildings. The CIP also includes roof repairs and replacement at the Civic Center and Rincon Library buildings and Police Department building as well as carpet replacement for City buildings. Requested projects total: $3,394,000 for FY 2015-2016, and $5,759,000 for FY 2016-2017.

General Plan Consistency Finding: Public Building Projects are consistent with the overall economic development goal to provide the most efficient and financially sound system of public services to protect the health, safety, and general welfare of the public, as well as with public safety objectives. The above-listed projects are consistent with and implement the following General Plan goals and objectives found in the Infrastructure and Public Services, Community Character, and Economic Development and Fiscal Elements.

- *Policy INF-6.1.P2 – The City shall continue to provide firefighting equipment, facilities, and manpower sufficient to assure*
    - *a) quick response to all calls by the "first due" company*
    - *b) availability of additional companies for serious fires in high value areas*
    - *c) capability for handling simultaneous fires*
    - *d) a water system capable of sustaining prerequisite fire flow at all times.*
- *Goal CC-3 Preserve and enhance the City's cultural and historic resources not merely as positive reminders of the past, but also as relevant and unique alternatives for the present and the future – a source of community identity, architecture, and social, ecological and economic vitality.*
- *Goal ED-4 – Provide the most efficient and financially sound system of public services commensurate with the highest standards required to protect the health, safety, and general welfare of all persons living and working in the Planning area.*
- *Policy ED-4.1.P1 – Phased programs for the systematic provision of all public facilities and services shall be in accordance with short-, medium-, and long-range financial plans.*
- *Policy ED-4.1.P2 – The financial plan for the City shall consist of the capital improvements program, the public services program, and the revenue program necessary to support adequate public services.*

Public Safety Projects

The goal of the Public Safety program area is to enhance public safety through acquisition, upgrade and replacement of major Police and Livermore-Pleasanton Fire Department equipment and public safety systems. Public Safety projects within the 2015-2017 CIP cycle include replacement of equipment necessary to implement General Plan goals related to the provision of high-quality fire and police protection. This CIP cycle includes the upgrade or replacement of Public Safety software for Computer Aided Dispatch (CAD) 9-1-1, Records Management, Mobile Reporting, Message Switch and Field Unit AVL-GPS Mapping. Requested projects total $1,350,000 for FY 2015-2016 and $125,000 for FY 2016-2017.

General Plan Consistency Finding: The above category and listed projects are consistent with and implement the following 2003 General Plan goals, objectives, and policy found in the Infrastructure and Public Services, and the Economic Development and Fiscal Elements.

- *Goal INF-5 – Maintain a safe environment in Livermore through enforcement of the law, prevention of crime, and the function of partnerships with the community.*
- *Objective INF-5.2 – Maintain and improve law enforcement and crime prevention services to keep pace with Livermore's changing population.*

- *Goal INF-6 – Minimize loss of life and property from fires, medical emergencies, and public emergencies.*
- *Policy INF-6.1.P2 – The City shall continue to provide firefighting equipment, facilities, and manpower sufficient to assure*
    - *a) quick response to all calls by the "first due" company*
    - *b) availability of additional companies for serious fires in high value areas*
    - *c) capability for handling simultaneous fires*
    - *d) a water system capable of sustaining prerequisite fire flow at all times.*
- *Goal ED-4 – Provide the most efficient and financially sound system of public services commensurate with the highest standards required to protect the health, safety, and general welfare of all persons living and working in the Planning area.*

Storm Drain Projects

The Storm Drain Projects category involves improvements and maintenance to the storm drainage and stream channel system to alleviate flooding throughout the City. Specific projects included in the FY 2015-2017 CIP cycle include:

- Annual miscellaneous storm drain reimbursements to developers for upsizing storm drain systems,
- De-silt the Arroyo Las Positas culverts under Airway Boulevard,
- Installation of an oil separator for the Bear Creek Drive storm drain protection project,
- Brisa storm drain improvements, and
- Flood control improvements on Arroyo Las Positas, Arroyo Mocho, and Airway Boulevard in coordination with Zone 7 to implement Stream WISE projects within the City.

CIP Storm Drain Projects also include permitting requirements such as installing storm drain trash capture devices to satisfy regional stormwater permit requirements and permit preparation and CEQA documentation to obtain annual maintenance permits for cleaning out critical storm drain outfalls throughout the City. Finally, the Storm Drain Projects category includes miscellaneous storm drain and culvert repairs and update of the Storm Stream Channel Master plans to include specific stream channels. Requested projects total: $943,000 for FY 2015-2016 and $960,000 for FY 2016-2017.

General Plan Consistency Finding: Storm Drain Projects implement the General Plan goal to collect, store, and dispose of storm water by the safest, most sanitary, and financially sound methods, while still maintaining high standards. In addition, storm drain projects also meet the intent of the General Plan to comprehensively manage and protect the City's waterways. The above-listed projects implement the following 2003 General Plan goal, objectives, policies, and actions regarding storm water collection found in the Infrastructure and Public Services and Open Space and Conservation Elements.

- *Goal INF-3 – Collect, store, and dispose of storm water in ways that are safe, sanitary, environmentally acceptable, and financially sound while maintaining the highest standards required to enhance the quality of life for existing and future residents.*

- *Objective INF-3.1 – Plan, manage, and develop the City's storm water collection system in a logical, timely and appropriate manner.*
- *Action INF-3.1.A2 – Prioritize storm drainage improvements recommended in the storm drainage master plan and implement the projects through the City's Capital Improvement Program.*
- *Policy INF-3.1.P3 – The City shall take all necessary measures to regulate runoff from urban uses to protect the quality of surface and ground water and other resources from detrimental conditions.*
- *Objective INF-3.3 – Maintain creeks and arroyos in as natural a state as possible, while maintaining the health and safety of residents, providing flood control, preserving habitat and providing recreational use.*
- *Goal OSC-2 – Conserve Livermore's waterways, tributaries, and associated riparian habitats.*

Street Maintenance Projects

Street Maintenance Projects provide for the preservation and maintenance of existing transportation and pedestrian infrastructure throughout the City. Projects generally encompass roadway reconstruction and widening, street resurfacing, street lighting projects, sidewalk repair-ADA access ramps, and median improvements. The FY 2015-2017 CIP Street Maintenance Projects category includes annual vehicle bridge maintenance, Citywide ADA access ramp installation, annual curb and gutter replacement, annual sidewalk repair program, annual street resurfacing and slurry seal programs, annual street lighting upgrades, maintenance, and relocation, miscellaneous street repairs, and railroad at-grade rehabilitation. Requested projects total: $4,708,000 for FY 2015-2016, and $4,574,000 for FY 2016-2017.

General Plan Consistency Finding: Street Maintenance Projects implement the General Plan goals and objectives to provide a safe and efficient roadway system and pedestrian network. The above-listed projects are consistent with the following 2003 General Plan goal, objectives, and policies found in the Circulation Element.

- *Goal CIR-4 – Provide a local roadway system for the safe, efficient, and convenient movement of vehicular traffic.*
- *Objective CIR-4.1 – The City shall provide adequate road linkages throughout Livermore.*
- *Objective CIR-2.4 – Provide a pedestrian network that encourages walking for transportation and recreation*
- *Policy CIR-2.4.P1 – Ensure the safe and convenient movement of pedestrians throughout the City and within neighborhoods.*
- *Policy CIR-2.4.P3 – The City shall require development to meet the requirements of the Americans with Disabilities Act to further facilitate the mobility of persons with accessibility needs.*
- *Policy CIR11.2.P2 – The City shall require and implement improvements at rail grade crossings as rail and vehicular traffic conditions warrant.*

Traffic Control Projects

This category involves the maintenance and upgrading of the City's traffic control system, as well as the installation of new signals to ensure safe, adequate and efficient

movement of vehicles and pedestrians through the City's street network. The FY 2015-2017 CIP includes annual miscellaneous traffic signing-striping maintenance, annual traffic signal modifications, battery back-up system improvements, master traffic signal control system upgrades and replacements, video detection upgrades, traffic signal controller cabinet upgrades, and traffic signal installation and reconstruction. Also included in the FY2015-2017 CIP is Safe Routes to School project, which will enhance walking and bicycling safety of schoolchildren by installing roadway improvements near Marilyn Avenue. Requested projects total: $2,620,600 for FY 2015-2016, and $1,290,000 for FY 2016-2017.

General Plan Consistency Finding: This category implements General Plan goals to provide a safe and efficient roadway system and to maintain relatively free-flowing traffic conditions. The above-listed projects are consistent with the following 2003 General Plan goals, objectives, and policies found in the Circulation Element and with intersection improvements listed in the Circulation Element, Figure 5-2, page 5-53.

- *Goal CIR-1- Provide safe, efficient, comfortable, and convenient mobility for all users.*
- *Objective CIR-1.1- Plan for Complete Streets that support all transportation systems throughout the City.*
- *Goal CIR-2 – Promote multi modal transportation*
- *Objective CIR-2.4 – Provide a pedestrian network that encourages walking for transportation and recreation.*
- *Policy CIR-2.4.P1-The City shall ensure the safe and convenient movement of pedestrians throughout the City and within neighborhoods*
- *Goal CIR-4 – Provide a local roadway system for the safe, efficient, and convenient movement of vehicular traffic.*
- *Objective CIR-4.1 – The City shall provide adequate road linkages throughout Livermore.*
- *Policy CIR-4.1.P1– The City shall maximize the carrying capacity of major streets by providing a well-coordinated traffic-signal control system, controlling the number of intersections and driveways, limiting residential access points, and requiring sufficient off-street parking.*
- *Goal CIR-5 – Maintain relatively free-flowing traffic, except where the City has identified intersections or areas of the City that are exempt from the Citywide standard.*
- *Objective CIR-5.1 – Maintain adequate levels of service for all areas of the City.*
- *Policy CIR-5.1.P5 – The City shall place highest priority in City annual capital improvement planning and budgeting on feasible improvements to road components where existing traffic flows exceed the acceptable LOS standard.*
- *Policy CIR-5.1.P6 – The City shall improve traffic flow on the local roadway system to achieve these citywide policies.*
- *Objective CIR-6.1 – Use circulation improvements to enhance Livermore's community character and maintain the quality of life in residential neighborhoods.*
- *Action CIR-6.1.A1 – Use police enforcement to mitigate speeding and other traffic impacts in residential areas of the City.*

Trail, Bike, and Miscellaneous Street Projects

This category includes bike lane projects, trail extensions, improvements to existing trails, and trail studies. The FY 2015-2017 CIP includes multi-use trail repairs, Citywide bike trail bridge maintenance, Galaxy Court flood protection and trail culvert replacement, and

construction of trail segment L19 from the existing terminus at Paseo Laguna Seco under I-580 across the Arroyo Las Positas to the Shea Property and includes a southerly segment connection to Portola Ave. The category also includes the implementation of the Bike and Pedestrian Master Plan Update. Requested projects total: $1,305,000 for FY 2015-2016, and $1,447,500 for FY 2016-2017.

General Plan Consistency Finding: The above category is consistent with the General Plan goal to promote alternative transportation modes. The above-listed projects implement the following 2003 General Plan goal, policies, and actions found in the Circulation, Open Space and Conservation, and Climate Change Elements.

- *Goal CIR-1- Provide safe, efficient, comfortable, and convenient mobility for all users.*
- *Objective CIR-1.1 Plan for Complete Streets that support all transportation systems throughout the City.*
- *Goal CIR-2 – Promote multi modal transportation*
- *Objective CIR-2.3 – Provide a bicycle and trails network.*
- *Policy CIR-2.3.P1 – Develop a comprehensive bikeway and trails system as a viable alternative to the automobile for all trip purposes in order to maximize the number of daily trips made by non-motorized means for residents of all abilities.*
- *Policy CIR-2.3.P2 - Consider bicycle, pedestrian, and equestrian access in all aspects of City Planning and coordinate with other agencies to improve non-motorized access within the City of Livermore and to surrounding regional areas and facilities.*
- *Policy CIR-2.3.P5 – Maintain all roadways and multi-use trails so that they provide safe and comfortable bicycling, walking and equestrian conditions.*
- *Policy CIR-2.3.A1 – Develop, periodically review, and update a master plan for a Citywide bicycle, pedestrian, and trails network.*
- *Policy CIR-2.3.A2 – Develop bicycle routes and multi-use trails in accordance with the City's adopted master plan for a bikeway and trails network, as shown in Figure 5-4.*
- *Policy OSC-5.4.P1 – The City shall continue to encourage public access to and maintenance of existing recreational trails in the Planning Area.*
- *Objective CLI-1.3 – Support measures that encourage alternative modes of transportation and alternative fuels in order to reduce emissions associated with vehicle travel.*

Transportation Infrastructure Projects

Transportation Infrastructure Projects include major street improvements, such as, road widening, reconstruction, and realignment projects, new road construction, interchange projects, median improvements, Traffic Impact Fee Program reimbursements and administrative transfers. Specific projects that make up the FY 2015-2017 CIP include Isabel Avenue I-580 Interchange project, Traffic Impact Fee Update and annual Traffic Impact Fee reimbursements, administration costs for coordination with Alameda County Transportation Commission and Caltrans for I-580 improvements and the Isabel Avenue Widening project from Jack London Boulevard to Vallecitos Road, El Charro Specific Plan infrastructure. In addition to infrastructure projects, feasibility and alignment studies for the North Canyons Parkway to Dublin Boulevard Connection and the development of ridership and station area plans for a BART to Livermore Extension along the median of I-580 are included in this category. Requested projects total: $4,357,600 for FY 2015-2016, and $1,691,800 for FY 2016-2017.

General Plan Consistency Finding: Transportation Infrastructure Projects are consistent with the overall General Plan circulation goals to provide a safe, efficient, and convenient local roadway system and ensure a well-coordinated regional system. The above-listed projects implement the following 2003 General Plan goals, objectives, policies, and actions found in the Circulation Element.

- *Goal CIR-2 – Promote multi-modal transportation.*
- *Objective CIR-2.1 – Provide viable alternatives to single-occupant vehicle travel.*
- *Policy CIR-2.1.P4 – The City shall provide neighborhoods and commercial areas with adequate freeway access.*
- *Action CIR-2-1.A4 – Preserve right-of-way adjacent to I-580 to allow widening for HOV lanes, auxiliary lanes, and BART.*
- *Action CIR-2-1.A7 – Advocate for first stage extension of BART along the I-580 freeway to a station at Isabel Avenue/I-580 with an eventual extension to a station at Greenville Road/I-580 as the City's preference.*
- *Goal CIR-4 – Provide a local roadway system for the safe, efficient, and convenient movement of vehicular traffic.*
- *Objective CIR-4.1 – The City shall provide adequate road linkages throughout Livermore.*
- *Policy CIR-4.1.P1– The City shall maximize the carrying capacity of major streets by providing a well-coordinated traffic-signal control system, controlling the number of intersections and driveways, limiting residential access points, and requiring sufficient off-street parking.*
- *Goal CIR-5 – Maintain relatively free-flowing traffic, except where the City has identified intersections or areas of the City that are exempt from the Citywide standard.*
- *Objective CIR-5.1 – Maintain adequate levels of service for all areas of the City.*
- *Goal CIR-8– Ensure a well-coordinated regional transportation system that serves Livermore and the surrounding region.*
- *Objective CIR-8-1– Coordinate Livermore's transportation policies and programs with other jurisdictions in the region.*

Underground District-Route 20 A Projects

This category includes projects to underground utilities in the City. Specific projects included in the FY 2015-2017 CIP include undergrounding existing overhead utilities along the east side of SR 84 (Isabel Avenue) from Vineyard Avenue to approximately 1,000 feet north of Stanley Boulevard totaling, approximately 10,000 linear feet of undergrounded electrical and phone lines. Requested project total: $1,025,000 for FY 2015-2016, and $825,000 for FY 2016-2017.

General Plan Consistency Finding: The undergrounding of utilities implements General Plan policy to maintain high standards of urban design, specifically relating to public facilities. The above category and listed projects are consistent with the following 2003 General Plan goal, objective, and policies found in the Community Character Element.

- *Goal CC-2 – Maintain high standards of urban design in Livermore.*
- *Objective CC-2.3 – Maintain high-quality design of public facilities.*
- *Policy CC-2.3.P1 – Existing overhead utilities shall be placed underground through a phased program of conversion.*

- *Policy CC-2.3.P2 – Utility distribution lines shall be placed underground in new developments and upon redevelopment.*
- *Objective CC-4.1 Protect public views from scenic routes and corridors.*
- *Objective CC 4.7 Minimize the presence of transmission towers and lines within scenic routes.*
- *Policy CC 4.7.P2 – New, relocated, or existing utility distribution lines should be placed underground.*

Wastewater Projects

This category encompasses maintenance of, and improvements to, wastewater infrastructure and treatment facilities, as well as construction of new facilities. The FY 2015-2017 CIP includes comprehensive utility master planning, sewer system renewal and replacement, sewer manhole rehabilitation, storm and sewer lift station improvements and, annual sanitary sewer-line replacement projects at various locations. In addition, the 2015-2017 CIP includes projects at the Water Reclamation Plant including electrical distribution improvements and aeration tank modifications, Plant rehabilitation and process improvements, HVAC and roof repairs, emergency generator installation, and the construction of Cogeneration System that will consume digester gas and produce electricity. Requested projects total: $15,660,000 for FY 2015-2016, and $10,045,000 for FY 2016-2017.

General Plan Consistency Finding: Overall, the above-listed projects further the General Plan Goals and Objectives to collect, treat and dispose of wastewater in safe, sanitary, and financially sound ways, and to plan and manage wastewater collection in a timely and appropriate manner. The above-listed wastewater projects implement the following 2003 General Plan goal, objectives, and policies found in the Infrastructure and Public Services and Climate Change Elements.

- *Goal INF-2 – Collect, treat and dispose of wastewater in ways that are safe, sanitary, environmentally acceptable and financially sound while maintaining the highest standards required to enhance the quality of life for existing and future residents.*
- *Objective INF-2.1 – Plan, manage, and develop wastewater collection, treatment and disposal systems in a logical, timely and appropriate manner.*
- *Policy INF-2.1.P4 – The City shall implement a wastewater disposal master plan designed to provide for disposal of peak wet weather flows anticipated under buildout of the General Plan.*
- *Policy INF-2.1.P12 – The City of Livermore shall pursue the implementation of Water Reclamation Plant capacity improvements necessary to accommodate the peak hour wet weather flows anticipated under buildout of the General Plan.*
- *Action INF-2.1.A1 – Prepare a master plan for sewer and update as needed, to identify current deficiencies and quantify needs based on development patterns established in the General Plan.*
- *Policy CLI-1.5.P3 – Explore using renewable energy and clean generation technologies such as solar, wind, biogas, or fuel cells to power City facilities where appropriate.*

Water Projects

Water Projects proposed for funding in FY 2015-2017 include Water System Rehabilitation and Repairs, which include recoating the Dalton Water Tank, replacing three pumps at the Airway Pump Station, and replacing conduit between Altamont Pump Stations and Altamont Tanks. Requested projects total is $950,000 for FY 2015-2016. There are no water projects for FY 2016-2017.

General Plan Consistency Finding: Overall, the above-listed projects further the General Plan goals and objectives to provide sufficient water supplies and facilities to serve the City in the most efficient and financially sound manner. The above-listed water projects implement the following 2003 General Plan goal, objectives, and policies found in the Infrastructure and Public Services Element.

- *Goal INF-1- Provide sufficient water supplies and facilities to serve the City in the most efficient and financially sound manner, while maintaining the highest. standards required to enhance the quality of life for existing and future residents.*
- *Objective INF-1.1- Plan, Manage and develop the public water treatment, storage, and distributions systems in a logical, timely and appropriate manner.*

Infrastructure-Rehabilitation Projects

Infrastructure and Rehabilitation Projects include Citywide Landscape Enhancements and Asset Management Plan, both of which involve assessment, planning and design for City owned properties and infrastructure. The Citywide Landscape Enhancements project will evaluate the condition of the City's roadside landscapes, develop a renovation program, and design and construct landscape improvements along major corridors in the City. The Asset Management Plan will inventory, map, and assess the condition of all major underfunded infrastructure, assess the probability of failure and consequence of failure, and estimate required maintenance and replacement costs for infrastructure including storm drains, streetlights and traffic signals, street pavement, curb and gutters, sidewalks, and parks and trails. Requested projects total: $300,000 for FY 2015-2016, and $250,000 for FY 2016-2017.

General Plan Consistency Finding: The proposed Infrastructure and Rehabilitation Projects include planning activities for evaluating and assessing roadside landscaping and City-owned infrastructure consistent with General Plan goals. The above-listed projects are consistent with and implement the following 2003 General Plan goals, objectives, policies, and actions found in the Community Character, Circulation, Infrastructure and Public Services, Open Space and Conservation, and Economic Development and Fiscal Development Elements of the Plan.

- *Goal CC-2 – Maintain high standards of urban design in Livermore.*
- *Action CC 2.1.A5 – Continue to Implement an attractive, coordinated system of "street furniture", including fire hydrants, liter containers, newspaper vending machines, paving patterns, signposts, traffic signals, benches and light standards.*

- *Action CC 2.4.A1 – Develop City-funded landscape features and-or sculptures at gateways and entries to the City.*
- *Goal CIR-1 – Provide safe, efficient, comfortable and convenient mobility for all users.*
- *Objective ING-3.1 – Plan, manage and develop the City's stormwater collection system in a logical, timely and appropriate manner.*
- *Objective OSC-5.1 – Provide a comprehensive system of parks and recreation facilities in Livermore.*
- *Policy OSC-5.1.P1 – Livermore's existing parks shall be maintained and enhanced, as appropriate.*
- *Goal ED-4 – Provide the most efficient and financially sound system of public services commensurate with the highest standards required to protect the health, safety, and general welfare of all persons living and working in the Planning Area.*

ENVIRONMENTAL DETERMINATION

This Consistency Determination is a regulatory review, which does not qualify as a project under the California Environmental Quality Act (CEQA); therefore, no environmental review is required.

RECOMMENDATION

Staff recommends the Planning Commission adopt the attached Resolution, make the findings of consistency with the above-listed 2003 General Plan goals, objectives, policies, and actions, and determine the CIP for Fiscal Years 2015-2016 and 2016-2017 is consistent with the City of Livermore's 2003 General Plan.

ATTACHMENTS

1. Resolution of Approval
2. Capital Improvement Projects FY 2015-2017 Executive Summary Report
3. Capital Improvement Projects FY2015-2017 by Program

IN THE PLANNING COMMISSION OF THE CITY OF LIVERMORE STATE OF CALIFORNIA

A RESOLUTION APPROVING

Consistency Determination 15-001
To determine the consistency of the Capital Improvement Program (CIP)
for Fiscal Years 2015-2016 and 2016-2017
with the 2003 Livermore General Plan as required by
Government Code Section 65103(c)

WHEREAS, the City initiated an application for a Consistency Determination with the City's 2003 General Plan;

WHEREAS, on June 16, 2015, the Planning Commission considered the Staff Recommendation to make the findings of consistency and determine the FY 2015-2017 CIP to be consistent with the 2003 General Plan, heard public testimony, and adopted the following findings:

FY 2015 – 2017 CIP – requested CIP projects are consistent with the following General Plan Goals, objectives, policies, and actions for each category:

1. Airport Projects
   - Goal CIR 9.0 – Support and protect safe and efficient aviation operations at the Municipal Airport.
   - Objective CIR-9.1 – Ensure that aviation operations, uses, and development are protected from incompatible adjacent land uses, as well as meet the needs of the local and regional economy.
   - Policy CIR-9.1.P1 – Future development and operations at the Municipal Airport shall be in conformance with an approved Airport zoning district and the Livermore Airport Land Use Compatibility Plan ("ALUCP"), dated August 2012. The overall scale of operations at the Municipal Airport shall not exceed the thresholds listed in the General Plan.
   - Goal PS-5 – Minimize risks associated with aircraft operations at the Municipal Airport.

2. Downtown Revitalization Projects
   - Objective LU-1.4 - Encourage commercial development that will support and enhance a vibrant downtown and serve existing neighborhoods.
   - Goal CC-3 - Preserve and enhance the City's cultural and historic resources not merely as positive reminders of the past, but also as relevant and unique alternatives for the present and the future – a source of community identity, architectures, and social ecological and economic vitality.
   - Objective CC 3.3 – Promote a broad public understanding of Livermore's heritage, traditions, and preservation policies and foster a wider appreciation of

the contributions historic and cultural resources make to the City's distinctive and diverse character.

- Goal CIR-7 – Develop a downtown circulation system that is pedestrian-oriented and supports downtown as a destination.
- Objective CIR-7.1 – Design and maintain a safe and interconnected pedestrian-oriented downtown circulation system.
- Policy CIR-7.1.P1 – Promote pedestrian activity as the primary mode of travel in downtown.
- Goal CIR-10 - Provide adequate, safe and convenient short- and long-term vehicle and bicycle parking for all land uses in the City.
- Objective OSC5.1.P1- Livermore's existing parks shall be maintained and enhanced, as appropriate.

3. Golf Course Projects
   - There are no Golf Course projects proposed for funding in FY 2015-2016, or FY 2016-2017.

4. Miscellaneous Projects
   - Goal INF-8 Collect, store, transport, recycle and dispose of solid waste in ways that are safe, sanitary, and environmentally acceptable.
   - Goal OSC-1 Conserve the value and function of Livermore's open space as a biological resource.
   - Objective OSC-1.1 Maintain biodiversity within the Planning Area with special emphasis on species that are sensitive, rare, declining, unique or represent valuable biological resources.
   - Policy OSC 1.1.P6. The City shall preserve and maintain Frick Lake and the Springtown Alkali Sink area as important wildlife and plant habitats through preservation of open space in and around these areas.

5. Parks and Beautification Projects
   - Goal CC-1– Preserve and enhance Livermore's natural setting.
   - Goal CC-2 – Maintain high standards of urban design in Livermore.
   - Objective OSC-5.1 – Provide a comprehensive system of parks and recreation facilities in Livermore.
   - Policy OSC-5.1.P1 – Livermore's existing parks shall be maintained and enhanced, as appropriate.

6. Public Building Projects
   - Policy INF-6.1.P2 – The City shall continue to provide firefighting equipment, facilities, and manpower sufficient to assure quick response to all calls by the "first due" company availability of additional companies for serious fires in high value areas capability for handling simultaneous fires a water system capable of sustaining prerequisite fire flow at all times.
   - Goal CC-3 Preserve and enhance the City's cultural and historic resources not merely as positive reminders of the past, but also as relevant and unique alternatives for the present and the future – a source of community identity, architecture, and social, ecological and economic vitality.

- Goal ED-4 – Provide the most efficient and financially sound system of public services commensurate with the highest standards required to protect the health, safety, and general welfare of all persons living and working in the Planning area.
- Policy ED-4.1.P1 – Phased programs for the systematic provision of all public facilities and services shall be in accordance with short-, medium-, and long-range financial plans.
- Policy ED-4.1.P2 – The financial plan for the City shall consist of the capital improvements program, the public services program, and the revenue program necessary to support adequate public services.

7. Public Safety Projects
   - Goal INF-5 – Maintain a safe environment in Livermore through enforcement of the law, prevention of crime, and the function of partnerships with the community.
   - Objective INF-5.2 – Maintain and improve law enforcement and crime prevention services to keep pace with Livermore's changing population.
   - Goal INF-6 – Minimize loss of life and property from fires, medical emergencies, and public emergencies.
   - Policy INF-6.1.P2 – The City shall continue to provide firefighting equipment, facilities, and manpower sufficient to assure
     a) quick response to all calls by the "first due" company
     b) availability of additional companies for serious fires in high value areas
     c) capability for handling simultaneous fires
     d) a water system capable of sustaining prerequisite fire flow at all times.
   - Goal ED-4 – Provide the most efficient and financially sound system of public services commensurate with the highest standards required to protect the health, safety, and general welfare of all persons living and working in the Planning area.

8. Storm Drain Projects
   - Goal INF-3– Collect, store, and dispose of storm water in ways that are safe, sanitary, environmentally acceptable, and financially sound while maintaining the highest standards required to enhance the quality of life for existing and future residents.
   - Objective INF-3.1 – Plan, manage, and develop the City's storm water collection system in a logical, timely and appropriate manner.
   - Action INF-3.1.A2 – Prioritize storm drainage improvements recommended in the storm drainage master plan and implement the projects through the City's Capital Improvement Program.
   - Policy INF-3.1.P3 – The City shall take all necessary measures to regulate runoff from urban uses to protect the quality of surface and ground water and other resources from detrimental conditions.
   - Objective INF-3.3 – Maintain creeks and arroyos in as natural a state as possible, while maintaining the health and safety of residents, providing flood control, preserving habitat and providing recreational use.
   - Goal OSC-2 – Conserve Livermore's waterways, tributaries, and associated riparian habitats.

9. Street Maintenance Projects
   - Goal CIR-4 – Provide a local roadway system for the safe, efficient, and convenient movement of vehicular traffic.
   - Objective CIR-4.1 – The City shall provide adequate road linkages throughout Livermore.
   - Objective CIR-2.4 – Provide a pedestrian network that encourages walking for transportation and recreation.
   - Policy CIR-2.4.P1 – Ensure the safe and convenient movement of pedestrians throughout the City and within neighborhoods.
   - Policy CIR-2.4.P3 – The City shall require development to meet the requirements of the Americans with Disabilities Act to further facilitate the mobility of persons with accessibility needs.
   - Policy CIR11.2.P2 – The City shall require and implement improvements at rail grade crossings as rail and vehicular traffic conditions warrant.

10. Traffic Control Projects
   - Goal CIR-1- Provide safe, efficient, comfortable, and convenient mobility for all users.
   - Objective CIR-1.1 Plan for Complete Streets that support all transportation systems throughout the City.
   - Goal CIR-2 – Promote multi modal transportation
   - Objective CIR-2.4 – Provide a pedestrian network that encourages walking for transportation and recreation.
   - Policy CIR-2.4.P1-The City shall ensure the safe and convenient movement of pedestrians throughout the City and within neighborhoods
   - Objective CIR-2.3 – Provide a bicycle and trails network.
   - Goal CIR-4 – Provide a local roadway system for the safe, efficient, and convenient movement of vehicular traffic.
   - Objective CIR-4.1 – The City shall provide adequate road linkages throughout Livermore.
   - Policy CIR-4.1.P1– The City shall maximize the carrying capacity of major streets by providing a well-coordinated traffic-signal control system, controlling the number of intersections and driveways, limiting residential access points, and requiring sufficient off-street parking.
   - Goal CIR-5 – Maintain relatively free-flowing traffic, except where the City has identified intersections or areas of the City that are exempt from the Citywide standard.
   - Objective CIR-5.1 – Maintain adequate levels of service for all areas of the City.
   - Policy CIR-5.1.P5 – The City shall place highest priority in City annual capital improvement planning and budgeting on feasible improvements to road components where existing traffic flows exceed the acceptable LOS standard.
   - Policy CIR-5.1.P6 – The City shall improve traffic flow on the local roadway system to achieve these citywide policies.
   - Objective CIR-6.1 – Use circulation improvements to enhance Livermore's community character and maintain the quality of life in residential neighborhoods.

- Action CIR-6.1.A1 – Use police enforcement to mitigate speeding and other traffic impacts in residential areas of the City.

11. Trail, Bike, and Miscellaneous Street Projects
    - Goal CIR-1- Provide safe, efficient, comfortable, and convenient mobility for all users.
    - Objective CIR-1.1 Plan for Complete Streets that support all transportation systems throughout the City.
    - Goal CIR-2 – Promote multi modal transportation
    - Objective CIR-2.3 – Provide a bicycle and trails network.
    - Policy CIR-2.3.P1 – Develop a comprehensive bikeway and trails system as a viable alternative to the automobile for all trip purposes in order to maximize the number of daily trips made by non-motorized means for residents of all abilities.
    - Policy CIR-2.3.P2 - Consider bicycle, pedestrian, and equestrian access in all aspects of City Planning and coordinate with other agencies to improve non-motorized access within the City of Livermore and to surrounding regional areas and facilities.
    - Policy CIR-2.3.P5 – Maintain all roadways and multi-use trails so that they provide safe and comfortable bicycling, walking and equestrian conditions.
    - Policy CIR-2.3.A1 – Develop, periodically review, and update a master plan for a Citywide bicycle, pedestrian, and trails network.
    - Policy CIR-2.3.A2 – Develop bicycle routes and multi-use trails in accordance with the City's adopted master plan for a bikeway and trails network, as shown in Figure 5-4.
    - Policy OSC-5.4.P1 – The City shall continue to encourage public access to and maintenance of existing recreational trails in the Planning Area.
    - Objective CLI-1.3 – Support measures that encourage alternative modes of transportation and alternative fuels in order to reduce emissions associated with vehicle travel.

12. Transportation Infrastructure Projects
    - Goal CIR-2 – Promote multi-modal transportation.
    - Objective CIR-2.1 – Provide viable alternatives to single-occupant vehicle travel.
    - Policy CIR-2.1.P4 – The City shall provide neighborhoods and commercial areas with adequate freeway access.
    - Action CIR-2-1.A4 – Preserve right-of-way adjacent to I-580 to allow widening for HOV lanes, auxiliary lanes, and BART.
    - Action CIR-2-1.A7 – Advocate for first stage extension of BART along the I-580 freeway to a station at Isabel Avenue/I-580 with an eventual extension to a station at Greenville Road/I-580 as the City's preference.
    - Goal CIR-4 – Provide a local roadway system for the safe, efficient, and convenient movement of vehicular traffic.
    - Objective CIR-4.1 – The City shall provide adequate road linkages throughout Livermore.
    - Policy CIR-4.1.P1– The City shall maximize the carrying capacity of major streets by providing a well-coordinated traffic-signal control system, controlling the number of intersections and driveways, limiting residential access points, and requiring sufficient off-street parking.

- Goal CIR-5 – Maintain relatively free-flowing traffic, except where the City has identified intersections or areas of the City that are exempt from the Citywide standard.
- Objective CIR-5.1 – Maintain adequate levels of service for all areas of the City.
- Goal CIR-8– Ensure a well-coordinated regional transportation system that serves Livermore and the surrounding region.
- Objective CIR-8-1– Coordinate Livermore's transportation policies and programs with other jurisdictions in the region.

13. Underground District/Route 20 A Projects
    - Goal CC-2 – Maintain high standards of urban design in Livermore.
    - Objective CC-2.3 – Maintain high-quality design of public facilities.
    - Policy CC-2.3.P1 – Existing overhead utilities shall be placed underground through a phased program of conversion.
    - Policy CC-2.3.P2 – Utility distribution lines shall be placed underground in new developments and upon redevelopment.
    - Objective CC-4.1 Protect public views from scenic routes and corridors.
    - Objective CC 4.7 Minimize the presence of transmission towers and lines within scenic routes.
    - Policy CC 4.7.P2 – New, relocated, or existing utility distribution lines should be placed underground.

14. Wastewater Projects
    - Goal INF-2 – Collect, treat and dispose of wastewater in ways that are safe, sanitary, environmentally acceptable and financially sound while maintaining the highest standards required to enhance the quality of life for existing and future residents.
    - Objective INF-2.1 – Plan, manage, and develop wastewater collection, treatment and disposal systems in a logical, timely and appropriate manner.
    - Policy INF-2.1.P4 – The City shall implement a wastewater disposal master plan designed to provide for disposal of peak wet weather flows anticipated under buildout of the General Plan.
    - Policy INF-2.1.P12 – The City of Livermore shall pursue the implementation of Water Reclamation Plant capacity improvements necessary to accommodate the peak hour wet weather flows anticipated under buildout of the General Plan.
    - Action INF-2.1.A1 – Prepare a master plan for sewer and update as needed, to identify current deficiencies and quantify needs based on development patterns established in the General Plan.
    - Policy CLI-1.5.P3 – Explore using renewable energy and clean generation technologies such as solar, wind, biogas, or fuel cells to power City facilities where appropriate.

15. Water Projects
    - Goal INF-1- Provide sufficient water supplies and facilities to serve the City in the most efficient and financially sound manner, while maintaining the highest standards required to enhance the quality of life for existing and future residents
    - Objective INF-1.1- Plan, Manage and develop the public water treatment, storage, and distributions systems in a logical, timely and appropriate manner.

16. Infrastructure-Rehabilitation Projects
    - Goal CC-2 – Maintain high standards of urban design in Livermore.
    - Action CC 2.1.A5 – Continue to Implement an attractive, coordinated system of "street furniture", including fire hydrants, liter containers, newspaper vending machines, paving patterns, signposts, traffic signals, benches and light standards.
    - Action CC 2.4.A1 – Develop City-funded landscape features and-or sculptures at gateways and entries to the City.
    - Goal CIR-1 – Provide safe, efficient, comfortable and convenient mobility for all users.
    - Objective ING-3.1 – Plan, manage and develop the City's stormwater collection system in a logical, timely and appropriate manner.
    - Objective OSC-5.1 – Provide a comprehensive system of parks and recreation facilities in Livermore.
    - Policy OSC-5.1.P1 – Livermore's existing parks shall be maintained and enhanced, as appropriate.
    - Goal ED-4 – Provide the most efficient and financially sound system of public services commensurate with the highest standards required to protect the health, safety, and general welfare of all persons living and working in the Planning Area.

BE IT RESOLVED by the Livermore Planning Commission that, based on the above findings, Consistency Determination 15-001 is approved.

On the motion by Vice Chairperson Kaskey, seconded by Commissioner Fagundes, the foregoing Resolution was adopted at the Planning Commission meeting of June 16, 2015, by the following vote:

AYES: BJORKLUND, BONANNO, FAGUNDES, KASKEY, AND PANN.

NOES: NONE.

ABSENT: NONE.

Neal Pann, Chairperson

Paul Spence

By Paul Spence, Planning Manager
Secretary to the Planning Commission