

City of Pittsburgh Planning Commission Agenda

October 10, 2017

**City Hall Council Chamber
65 Civic Avenue, Pittsburgh, CA 94565**

**Regular Meeting
7:00 P.M.**

Planning Commission Members

**Mark Gargalikis, Chair
James Coniglio, Vice-Chair
Wolfgang Croskey, Commissioner
Oliver Guerrero, Commissioner
Elissa Robinson, Commissioner
Durie Foster, Commissioner
Jeremy Ward, Commissioner**

Any member of the public who wishes to address the Commission should complete a Speaker's Card, available on the public counter below the dais. Please note on the card the agenda item number, or, for items not listed on this agenda, a brief description of the issue on which you would like to address the Commission. Give the completed form to the Minutes Clerk or a staff member, who will give the card to the Commission Chair. The Chair will invite the speaker(s) to the podium at the appropriate time during the meeting. Each individual will be given three minutes to address the Commission, unless additional time is allowed as provided for spokespersons. Prior to speaking, each speaker is requested to state his or her name and business and city of residence in a clear and audible tone of voice. For items listed under the "Public Hearings" or "Commission Consideration" portions of this agenda, the public hearing or public comment period will follow a brief presentation on the item by Planning Department staff and/or the project applicant.

A decision by the Planning Commission is not final until the appeal period expires 10 calendar days after the date the decision occurred. The applicant, City Council member(s), City Manager, or any affected person may appeal the denial, approval, recommendation, or any condition of approval of an item within the 10-day appeal period. A completed appeal form and the applicable filing fee must be filed with the City Planner, 65 Civic Avenue, Pittsburgh. The appeal form must include the name and address of the appellant and state the reasons for the appeal. The appeal will be set for City Council consideration and appropriate public notification given.

The Commission requests that you refrain from disruptive conduct during the meeting and that you observe the order and decorum of the Council Chamber. Please turn off or set to vibrate all cellular phones, and refrain from making personal, impertinent or slanderous remarks. Boisterous or disruptive behavior while the Commission is in session, and the display of signs in a manner that violates the rights of others or prevents others from watching or fully participating in the Planning Commission meeting is considered counterproductive and will not be tolerated, and the Commission Chair can order any person who engages in such conduct to leave the Council Chamber.

CALL TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE

DELETIONS, WITHDRAWALS OR CONTINUANCES

COMMENTS FROM THE AUDIENCE

PRESENTATIONS

1. Five-Year Capital Improvement Program (CIP)

CONSENT

(All items listed under the "Consent" portion of the agenda are considered routine and are adopted under one motion. Any item appearing as a Consent item on this agenda will be considered separately only upon request from a member of the Planning Commission, staff or public.)

2. Minutes

Meeting Minutes of September 12, 2017

3. Five-Year Capital Improvement Program (CIP) – General Plan Consistency Determination

This is a request for the Planning Commission to determine whether the projects in the proposed Five-Year CIP are consistent with the City's General Plan.

STUDY SESSION

4. Study Session to Review Proposed Zoning Text Amendments Related to the CP District, AP-17-1277 (RZ)

This is a City-initiated proposal to consider potential amendments to Title 18 of the Pittsburgh Municipal Code (PMC) to consolidate the CP-1 and CP-2 sub-districts in order to provide more flexibility related to the allowable uses within the CP (Pedestrian Commercial) District.

ZONING ADMINISTRATOR REPORTS

STAFF COMMUNICATIONS

COMMITTEE REPORTS

ADJOURNMENT OF PLANNING COMMISSION MEETING

NOTICE TO PUBLIC

NOTICE TO THE DISABLED AND VISUALLY OR HEARING IMPAIRED

In compliance with the Americans with Disabilities Act, the city of Pittsburg will provide special assistance for disabled citizens. Upon request, an agenda for any meeting shall be made available in appropriate alternative formats. The Council Chamber is equipped with sound amplifier units for use by the hearing impaired. The units operate in conjunction with the Chamber's sound system. You may request the sound amplifier from the City Clerk for personal use during Commission meetings. If you need special assistance to participate in this meeting, or are requesting a specially formatted agenda, please contact the City Clerk at 925-252-4850. Notification 48 hours prior to the meeting will enable the city to make reasonable arrangements to ensure accessibility to this meeting or provide the requested agenda format. (28 CFR 35.102-35.104 ADA Title II)

GENERAL INFORMATION

Copies of the open session agenda packets that are distributed to the Planning Commission are on file in the office of the Planning Department, 65 Civic Avenue, Pittsburg, California, and are available for public inspection, beginning no fewer than 72 hours in advance of the meeting, during normal business hours (8:00 a.m. – 5:00 p.m., Monday through Friday, except city holidays). Additionally, if any reports or documents that are public records are distributed to the Planning Commission fewer than 72 hours before the meeting, those reports and documents will also be available for public inspection in the city's Planning Department and at the Commission meeting. The Pittsburg Library is also provided a full agenda packet for your convenience. As a courtesy, the agenda is also located on the city's website at www.ci.pittsburg.ca.us.

City of Pittsburgh

FIVE YEAR CAPITAL IMPROVEMENT PROGRAM 2017/18 Through 2021/22



October 2017

CITY OF PITTSBURG 2017/18-2021/22 FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

MAYOR

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VICE MAYOR

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CITY COUNCIL

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CITY MANAGER

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ASSISTANT CITY MANAGER

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October 2017

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INTRODUCTION

The City of Pittsburg's 5-Year Capital Improvement Program (CIP) is a multi-year planning instrument for construction of new facilities and infrastructure, and for the expansion, rehabilitation, or replacement of existing City-owned assets. The 5-Year CIP is developed by City Staff and is adopted by the City Council as a guide for prioritization of various projects to accomplish community goals. The CIP is updated regularly to reflect changing priorities and funding availability, and to remove projects that have been completed.

This 5-Year CIP for Fiscal Year (FY) 2017/18 through FY 2021/22 includes 210 projects with a total estimated cost of \$314,854,075 for the benefit of the citizens of Pittsburg, and including projects proposed by Pittsburg Power Company at the Island Energy facility on Mare Island in Vallejo. Each of the proposed projects meets one or more of the following criteria:

- Elimination of potentially hazardous or unsafe conditions and potential liability
- Replacement of high-maintenance, inefficient or ineffective infrastructure
- Improvement to and/or creation of new services to the public
- Compliance with regulatory requirements and mandates
- Stimulation of the local economy and elimination of blighted conditions
- Compliance with the City of Pittsburg General Plan
- Preservation of existing assets

The schedule and prioritization of CIP projects are based on available funding, public benefit, and funding restrictions. Staff has solicited comments from department management and other City staff to evaluate projects proposed for inclusion in the CIP. All of the projects on the list have been evaluated and ranked.

Funding that is proposed for the projects listed are according to their priority ranking or available funding. Staff obtains funding projections and available funding for current and future projects from the City's Finance Department and applies them to the CIP accordingly. These projects will receive further evaluation in the next 5-Year CIP update planned for FY 2018/19.

ACCOMPLISHMENTS FROM FY 16/17

On July 18, 2016, the City Council approved the previous 5-year Capital Improvement Program for FY 2016/17 through FY 2020/21 with adoption of Resolution 16-13214. Many of the projects from the previous 5-year CIP have been completed or have had some form of action taken towards implementation. Below is a summary of accomplishments since the City Council's approval of the last 5-Year CIP update:

1. COMPLETED CIP PROJECTS

Completed CIP projects are those projects that have been completed since adoption of the previous 5-year CIP or are nearly complete. There are nine CIP projects

that are completed or nearing completion since adoption of the previous 5-Year CIP. These projects include the following:

ST-7	Frontage Road, Class I, Bicycle Lane
ST-19	Downtown Slurry Seal
ST-33	West 4 th Street Sidewalk Gap Closure
S-1	W. Leland Road/Oak Hills Drive Signal
W-55	24" / 20" / 16" / 12" Main Buchanan Rd Phase 1(Seg 2-6)(WTP to SE Hills)
W-107	Rossmoor Well Replacement
PK-3	Buckley Square Improvements (Bocce/Restroom)
PK-53	Ambrose Park Master Plan & Improvements
PP-23	2015/16 Cable Replacement

2. ACTIVE CIP PROJECTS

Active projects are those projects that Staff is currently planning, on hold, are being designed or have been designed, are out to bid, or are under construction. There are 34 active projects. They include the following:

Current Planning/Studies:

ST-3	2017/18 Traffic Calming Project
ST-4	James Donlon Boulevard Extension/Buchanan Road Bypass
ST-13	Railroad Avenue 3 rd to 5 th Sidewalk Replacement
ST-20	San Marco Boulevard Class I Trail
ST-55	West Leland Road Extension Phase II (San Marco to Avila)
S-3	2017/18 Traffic Signal Modification Project
W-6	2017/18 WTP Capital Repairs and Improvements
SS-1	Citywide Sewer Inspection Project
PP-8	Substation DD4 Switchgear Upgrade
PP-24	Substation P Switchgear Upgrade

On Hold

SS-23	Highway 4 Trunk Line Relief (Seg. A) & Bailey Rd Sewer Main
ST-10	El Pueblo Avenue Reconstruction/ADA Improvements Phase II

Being Designed:

ST-14	Seismic Retrofit Bridge No. 28C-0165 (Willow Pass Road)
ST-28	West Leland Street Lighting Project (Railroad to Burton)
ST-37	Buchanan Road Sidewalk Replacement Phase III (Suzanne Drive to Loveridge Road)
ST-38	West Leland Road Pavement Markers/markings and Speed Signage Improvements
ST-42	West Leland High Friction Surface Treatment

ST-43	West Leland Pavement Delineation, Warning Signage, High Visibility Crosswalk Improvements and Traffic Signal Modification at Range Road
ST-51	Stoneman Avenue Pedestrian Safety Improvements
W-35	2017/18 WTP Filter Media Replacement (Filters 1 and 2)
W-106	2016/17 Water Main Installation/Replacement Program
SS-34	2016/17 Sewer Replacement/Rehabilitation Program
SD-9	Americana Park North Parkside Storm Drainage Project
G-1	City Standard Specification Update
G-18	West Leland Road Underground Utilities
PP-25	Gas Line Removal and Replacement
M-9	Launch Ramp Maintenance Dredging

Under Construction/Out for Bids:

ST-8	Power Avenue, Class I Bicycle Lane
ST-16	Multimodal Transfer Facility Bart Station
W-3	WTP Intake Modifications
W-11	Automatic Water Meter Reading System (multi-year project)
W-16	WTP Sludge Handling Facility Phase 1B
W-101	WTP Capital Repairs/Filter Rehabilitation
SS-30	2014/15 Sewer Replacement Program
PK-15	Ray Giacomelli Park at San Marco/West Leland (Phase I)

PROJECT CATEGORIES

The projects included in the FY 2017/18 - FY 2021/22 CIP have been divided into eight categories. These categories (with abbreviations) include:

Streets (ST) This section includes street rehabilitation and reconstruction as well as medians, striping, curb & gutter, street lighting, and traffic calming.

Funding Sources:

Measure J, Developers, HUTA Gas Tax, RMRA Gas Tax, LTMF, and Infrastructure Repair and Replacement Funds (IRRF), are the primary sources of funding for street projects. Additional funding comes from various grants that are available through agencies on the federal, state, and local level.

Signals (S) This section includes intersections that currently warrant a traffic signal, will warrant a signal in the near future, or need upgrades to the existing signals or signal timing.

Funding Sources:

The primary funding sources for signal projects are Measure J, Developers, HUTA Gas Tax, RMRA Gas Tax, LTMF, and Infrastructure Repair and Replacement Funds (IRRF). Additional funding can be provided by grants from outside agencies.

Water (W) This section includes water system improvements that have been identified as a maintenance problem or are included in the Water System Master Plan as requiring installation or upgrade.

Funding Sources:

The primary funding sources for this category are Water Operations Fund, Water Facility Reserve Fund, 2005 Water Bond, Ibank Loan, and Developers.

Sewer (SS) This section includes sewer system improvements that have been identified as a maintenance problem or are included in the Wastewater Collection System Master Plan as requiring installation or upgrade.

Funding Sources:

The primary funding sources for this category are Sewer Operations Fund, Sewer Facility Reserve and Developers.

Storm Drain (SD) This section includes storm drainage improvements identified as a flood hazard, maintenance problem or included in the Stormwater Management Plan as requiring installation or upgrade.

Funding Sources:

The primary funding sources for this category are NPDES Fund (very limited and restricted), Developers, IRRF, and Kirker Creek Drainage Fund.

Building (B)

This section includes improvements, rehabilitation, or new construction of City-owned buildings.

Funding Sources:

General Fund

Parks (PK)

This section includes improvements, rehabilitation, or new construction of parks and recreational facilities throughout the City.

Funding Sources:

The primary funding sources for this category are Park Dedication Fund, and grants from outside agencies.

General (G)

This section includes projects that do not fall into any of the other categories but are included in the 5-Year CIP.

Funding Sources:

Funding varies due to the unique nature of these projects.

Pittsburg Power (PP)

This section includes projects that are included in the 5-Year CIP for construction by Pittsburg Power (PP) or Island Energy (IE).

Funding Sources:

The primary funding sources for this category are the Pittsburg Power and Island Energy funds.

Marina (M)

This section includes projects that are in the 5-Year CIP related to the City owned and maintained marinas.

Funding Sources:

The primary funding sources for this category of projects are the Marina Enterprise Fund and Waterfront Operations.

FUNDING REQUIREMENTS AND ISSUES

Projects included in FY 2017/18 of the 5-year CIP are those that are a high priority and/or have available funding. Below is a description of funding requirements for each CIP category as well as potential funding issues that may be affecting a particular project category.

Street Projects (ST):

The current 5-year CIP identifies 60 street projects totaling \$165 million that are included as future projects. Of these, 28 street projects totaling \$16.3 million are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

Streets in the City are ranked according to their condition on a scale of 1 to 100. This ranking is called the Pavement Condition Index (PCI). The more pavement maintenance that is performed, the higher the PCI number for the pavement will be. The current average PCI number for the City's streets is 66. To maintain the City's current average PCI number requires approximately \$3.5 million per year of pavement maintenance.

Signal Projects (S):

The current 5-year CIP identifies 19 signal projects totaling \$4 million that are included as future projects. Of these, five signal projects totaling approximately \$675,000 are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

Installation of traffic signals is usually funded by Transportation Mitigation Funds, developers, or a combination of the two. For those signal projects not eligible for these funds, various grants, HUTA, RMRA, and Measure J funds are also available. However, use of HUTA, RMRA, and Measure J funds for this purpose reduces funding availability for street rehabilitation and maintenance projects. Signal equipment, upgrades, and maintenance compete for funding along with other pavement and O&M CIP projects.

Water Projects (W):

The current 5-year CIP identifies 34 water projects totaling nearly \$64.6 million that are included as future projects. Of these, nine water projects totaling \$15.6 million are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

The City's Water Operations Fund, which is comprised of customer service payments, is the usual source of funds for the rehabilitation, maintenance and upgrade of the City's water system. Projects that provide for system expansion are funded by new development through the Water Facility Reserve fund, which is derived from connection fees from new development.

The Ibank loan funds five specific water projects and will not be available for other projects.

Sewer Projects (SS):

The current 5-year CIP identifies 11 sewer projects totaling \$26 million that are included as future projects. Of these, seven sewer projects totaling \$20 million are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

Rehabilitation, upgrade, and maintenance of the City's sanitary sewer system is usually funded by the City's Sewer Operation Fund, which is derived from customer service charges. Projects for system expansion are funded by new development connection facility reserve charges. Currently there are sufficient funds to finance new projects in the immediate future.

Storm Drain Projects (SD):

The current 5-year CIP identifies 35 storm drain projects totaling \$20 million that are included as future projects. Of these, one storm drain projects totaling approximately \$700,000 is already funded within the next five years.

Funding Issues:

Installation, upgrade, and maintenance of the City's storm drain system have been typically funded by NPDES funds or grants. An additional source of funding for certain eligible projects is the Kirker Creek Drainage Fund, a restricted funding source. The amount available from each of these funding sources is very limited.

The City adopted a Fiscal Sustainability Ordinance that, among other things, created an Infrastructure Repair and Replacement Fund (IRRF) that could receive a portion of future City budget surpluses and excess one-time revenues. This fund would be used to fund repair and capital improvement projects related to the City's infrastructure including streets, roads, parking lots, and storm drains. These funds cannot be counted on as a regular funding source for storm drainage projects.

Staff has requested authorization to apply for a FEMA grant to help fund the currently planned project and one additional project.

Building Projects (B):

The current 5-year CIP identifies eight building projects totaling \$13.6 million that are included as future projects. There are no capital projects planned to be funded for the City maintained buildings, or other City funded building work in the five-year period of this CIP.

Funding Issues:

Construction of new and improvements to existing City owned buildings were previously funded by the RDA. Other funding sources are grants and Park Dedication Funds. These funds do not contribute to the additional maintenance costs incurred once the

new City owned facilities are in service. The City's Building Maintenance Fund covers ongoing maintenance of City-owned buildings.

Park Projects (PK):

The current 5-year CIP identifies 20 park projects totaling \$13.7 million that are included as future projects. Of these, seven park projects totaling \$3.2 million are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

Construction of new parks and improvements to existing City parks are usually funded by the City's Park Dedication Fund (PDF). Other sources of funding have been grants.

Park construction grants and other funds typically are for construction of new improvements or rehabilitation of existing facilities, and do not provide for maintenance. Expenditure of these funds usually results in an increase to the Parks and Maintenance Services' operational and maintenance costs. However, these funding sources can be used for improvements that may reduce maintenance costs, such as artificial turf or centralized irrigation. Due to the relative unavailability of operation and maintenance (O&M) funding, staff evaluates new park proposals carefully to consider future cost impacts and to identify funding for operational and maintenance costs. Construction of new parks or improvements may be postponed to a later date when additional funding is available.

New parks will need to account for potential droughts. Alternative sources of irrigation water or plant material will need to be evaluated as funding for new facilities becomes available.

Another source of funding needs to be identified to fund the O&M of new facilities and improvements, or new construction will need to be reduced or eliminated to ensure proper maintenance of existing facilities. One possible source of additional O&M funding for parks is an increase in the landscape and lighting district assessments.

General Projects (G):

The current 5-year CIP identifies seven general projects totaling \$3.7 million that are included as future projects. Of these, three general project totaling \$1.6 million (including \$1.4 million from Rule 20A funds administered by PG&E) are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

Projects listed in the General Projects section of the CIP are funded by various sources. It is difficult to identify funds that are eligible for a majority of these projects other than the City's General Fund. An additional source of funding needs to be identified or created to fund the various projects in the General Projects category.

Pittsburg Power Projects (PP):

The current 5-year CIP identifies six Pittsburg Power Company projects totaling \$1.2 million that are included as future projects. All of these are already funded/partially funded or are planned to be funded within the next five years.

Funding Issues:

Projects listed in the Pittsburg Power Projects section of the CIP are funded by revenues collected by Island Energy (IE) and Pittsburg Power. These funds have occasionally been used to fund programs and projects within the City of Pittsburg. Projects currently included in the CIP as funded by Pittsburg Power or Island Energy are for power related projects at the Island Energy facility on Mare Island in Vallejo.

Marina Projects (M):

The current 5-year CIP identifies ten Marina projects totaling \$2.4 million that are included as future projects. There is one capital project that partially funded with \$20,000 over the next five years.

Funding Issues:

Projects listed in the Marina Projects section of the CIP are generally funded by the revenue collected at the marina for gasoline sales and boat slip rentals. If other funding sources are not identified, there may be a need to increase fees and prices to increase revenues for construction of additional CIP projects.

CAPITAL IMPROVEMENT PROGRAM SUMMARY

The following table summarizes the total estimated project expenditures planned, by category, for the projects included in the 5-Year CIP. The table also indicates the projected year those funds are anticipated to be expended. At this time new funding will be requested only for projects planned to begin design or construction in FY 2017/18. The remaining projects for FY 2018/19 through 2021/22 are projections based on estimates for project costs and funds available. This table includes only projects that are anticipated to be funded during the 5-year period. Additional projects are included in the Capital Improvement Program that have been identified, but are not yet planned to be funded. Amounts in the Current Funding column have previously been allocated by City Council through other actions.

Summary of Planned Project Funding

Project Category	Current Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	Total (\$)
Streets	10,529,171	150,000	1,299,450	1,400,000	0	0	16,328,621
Signals	135,000	0	135,000	135,000	135,000	135,000	675,000
Water	15,643,844	0	0	0	0	0	15,643,844
Sewer	13,812,410	175,000	500,000	2,000,000	500,000	3,000,000	19,987,410
Storm Drain	700,000	0	0	0	0	0	700,000
Building	0	0	0	0	0	0	0
Parks	350,000	0	855,000	655,000	655,000	655,000	3,170,000
General	1,550,000	100,000	0	0	0	0	1,650,000
Pittsburg Power	1,325,000	0	0	0	0	0	1,325,000
Marina	20,000	0	0	0	0	0	20,000
Total	44,065,425	425,000	2,789,450	4,190,000	1,290,000	3,790,000	56,549,875

CIP PROJECT SCHEDULE

The following spreadsheets provide information on projects planned to be funded during each year of the 5-Year CIP. Detailed project sheets are included in the CIP in tabbed sections by project category. Information provided on each sheet includes the year the project is planned for implementation, the estimated project cost, the various funding sources available, and the total project funding available. Project sheets are also included for projects that are not yet funded or have received funding allocations for only a portion of the estimated budget.

Table of Funding Source Abbreviations:

CC County	Contra Costa County
CCIF	Community Capital Improvement Fund
ED	Economic Development
DEV	Direct Developer Funding
ED	Economic Development
HSIP	Highway Safety Improvement Program
HUTA	Highway Users Tax Account (HUTA) Gas Tax (Fund 203)
IE	Island Energy (Fund 580)
IRRF	Infrastructure Repair and Replacement Fund (Fund 310)
KCDF	Kirker Creek Drainage Fund (Fund 302)
LTMF	Local Traffic Mitigation Fund (Fund 303)
ME	Marina Enterprise Fund (Fund 550)
MJ	Measure J (Fund 204)
NPDES	National Pollution Discharge Elimination System
PDF	Park Dedication Fund (Fund 304)
PRTMF	Pittsburg Regional Traffic Mitigation Fund (Fund 307)
RMRA	Road Maintenance and Rehabilitation Account (RMRA) (Fund 228)
SFR	Sewer Facility Reserve Fund (Fund 522)
SOF	Sewer Operations Fund (Fund 521)
WBOND	2005 Water Bond (Fund 500)
WFR	Water Facility Reserve Fund (Funds 502, 503, 504, 505, 506, 507, 508, 509)
WO	Waterfront Operations (Fund 540)
WOF	Water Operations Fund (Fund 501)
Ibank	Loan from the California Infrastructure and Economic Development Bank

Grants

Measure	Park Bond Act
WW	
TLC	Transportation for Livable Communities
CDBG	Community Development Block Grant
HSIP	Highway Safety Improvement Program

PBTF Pedestrian, Bicycle, and Trail Facilities
SR2T Safe Routes to Transit
Prop 1B Proposition 1B
CMA Congestion Management Agency
STP Surface Transportation Program Grant
STIP State Transportation Improvement Program Grant
CMAQ Congestion Mitigation and Air Quality Program Grant
TDA Transportation Development Act Grant
OBAG One Bay Area Grant
BTA Bicycle Transportation Account

Other

Keller Keller Canyon Mitigation Fund
Rule 20/32 Utility Underground Funding (from PG&E/AT&T)
ARPD Ambrose Regional Park District

STREET PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding/Source (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
ST-1	Range Road Overcrossing	25,000,000								0
ST-2	Railroad Avenue Class I Trail	4,520,000	4,470,000 OBAG-2							0
ST-3	2017/18 Traffic Calming Project (2210)	100,000	100,000 HUTA	100,000						100,000
ST-4	James Donlon Boulevard Extension (2 lanes) (Preliminary Engineering/Studies/EIR) (1997-05)(3701)	4,000,000	1,610,000 RTMF	1,610,000						1,610,000
ST-5	Streetscapes/Median landscaping	300,000								0
ST-6	Bailey Road Interim Repairs	615,000								0
ST-8	Power Avenue, Class I, Bicycle Lane	150,000	150,000 OBAG	150,000						150,000
ST-9	Intersection Geometric Improvements (San Marco Boulevard/ W. Leland Road) Geometric Improvements	125,000								0
ST-10	El Pueblo Area Reconstruction/ADA Improvements Phase II	300,000								0
ST-11	2018/19 Citywide Pavement Management Project	1,149,450	1,149,450 RMRA(F)			1,149,450				1,149,450
ST-12	San Marco Blvd Widening	125,000								0

STREET PROJECTS Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding/Source (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
ST-13	Railroad Avenue 3rd to 5th Sidewalk Replacement (3111)	500,000	222,000 IRRF	222,000						222,000
ST-14	Seismic Retrofit Bridge No. 28C-0165, Willow Pass Rd. (1998-04)(3382)	900,000	46,000 CCIF 796,600 Fed. Grant 57,400 Prop 1B	900,000						900,000
ST-15	East Third Street Streetscape Improvements	1,000,000								0
ST-16	Multimodal Transfer Facility BART Station (2013-19)(2010)	3,787,000	1,150,000 OBAG 377,000 MJ 380,000 IRRF \$1,580,000 PRTDM \$300,000 LTMF	3,787,000						3,787,000
ST-18	2018/19 Traffic Calming Project	100,000	100,000 HUTA(F)			100,000				100,000
ST-20	San Marco Boulevard Class I Trail	265,000	132,500 TDA 132,500 MJ	265,000						265,000
ST-21	Railroad Ave./Leland Rd. Geometric Improvements	525,000								0
ST-22	Bailey Rd. Route 4 Ramp Turn Lane Modifications	105,000								0
ST-23	Left Turn Lane Bailey Rd/Willow Ave	200,000								0
ST-25	Rebuild Range Road/Willow Pass Road Interchange	4,200,000								0
ST-26	2019/20 Traffic Calming Project	100,000	100,000 HUTA(F)				100,000			100,000
ST-27	Bailey Road Operational Safety Improvements	300,000								0

STREET PROJECTS Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding/Source (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
ST-28	West Leland Street Lighting Project (Railroad Avenue to Burton Avenue)	735,000	458,000 HUTA 277,000 CCIF	735,000						735,000
ST-29	Westbound Hwy 4 Offramp at Railroad Avenue	12,100,000								0
ST-30	E. Leland Rd./Los Medanos College (eastern entrance)	420,000								0
ST-31	Century Boulevard Class III Bicycle Facility	60,000								0
ST-32	Century Boulevard Class II Bicycle Lanes	75,000								0
ST-34	West Leland Road Safety Improvements	150,000								0
ST-35	2020/21 Traffic Calming Project	100,000	100,000 HUTA(F)					100,000		100,000
ST-36	James Donlon Boulevard Extension (2 Lanes) (Design/Construction)	37,617,000	748,000 LTMF 34,680,000 RTMF 15,572,000 Dev/grant							0
ST-37	Buchanan Road Sidewalk Replacement Phase III (Suzanne Drive to Loveridge Road)	178,671	178,671 CDBG	178,671						178,671
ST-38	West Leland Road Pavement Markers/Markings and Speed Signage Improvements	376,800	376,800 HSIP	376,800						376,800
ST-39	State Route 4 ADA Pathway Improvements	400,000	OBAG-2							0

STREET PROJECTS Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding/Source (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
ST-40	Vehicular Parking Improvements for BART Center Station	360,000	OBAG-2							0
ST-41	Citywide Fence/soundwall Replacement Project	250,000	50,000 HUTA(N)		50,000	50,000	50,000	50,000	50,000	250,000
ST-42	West Leland High Friction Surface Treatment Project	608,800	547,920 HSIP 60,880 HUTA	608,800						608,800
ST-43	West Leland Road Pavement Delineation, Warning Signage, High Visibility Crosswalk Improvements and Traffic Signal Modification at Range Road	265,900	265,900 HSIP	265,900						265,900
ST-44	Citywide Sidewalk Replacement Project	85,000								0
ST-45	2021/22 Traffic Calming Project	100,000	100,000 HUTA(F)						100,000	100,000
ST-46	BART Station Parking Strategy and Signage (2211)	100,000	100,000 HUTA	100,000						100,000
ST-47	2020/21 Citywide Pavement management Project	1,200,000	1,195,888 RMRA(F) 4,112 HUTA(F)					1,200,000		1,200,000
ST-48	2021/22 Citywide Pavement management Project	1,300,000	1,219,805 RMRA(F) 80,195 HUTA(F)						1,300,000	1,300,000
ST-49	Marina Blvd. Improvements (Marina Master Plan Phase III)	1,300,200								0
ST-50	Railroad Avenue Northbound Right-Turn Lane at Highway 4	300,000								0

STREET PROJECTS Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding/Source (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
ST-51	Stoneman Avenue Pedestrian Safety Improvements	880,000	880,000 HSIP8	880,000						880,000
ST-54	Avila Road Widening	11,520,000								0
ST-55	W. Leland Road Extension Phase II (San Marco to Avila)(3011)	5,857,000	50,000 LTMF	50,000						50,000
ST-56	San Marco Boulevard	14,038,000	100,000 LTMF(N)		100,000					100,000
ST-57	Pittsburg-Antioch Highway Widening	11,070,000								0
ST-58	Pittsburg-Antioch Highway Two-Way Left Turn Lanes	300,000								0
ST-62	California Avenue Widening Phase III (Harbor to Railroad)	10,035,000								0
ST-63	Marina Blvd. / Black Diamond St./ East Fifth St. Intersection Improvements	95,000								0
ST-64	Linscheid Drive Traffic Calming Project	100,000								0
ST-67	School Area Pedestrian Countdown Signal Project	100,000								0
ST-69	Presidio Lane Pedestrian Safety Improvements	25,000								0
ST-72	Willow Pass Road Class III Bicycle Facility	200,000								0
ST-95	Intersection Geometric Improvements (Bailey Road & West Leland Road)	3,000,000								0

ENGINEERING
DIVISION
CIP Section

STREET PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding/Source (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
ST-97	2017/18 Citywide Pavement management Project (2212)	300,000	300,000 RMRA	300,000						300,000
ST-98	2019/20 Citywide Pavement management Project	1,400,000	1,172,439 RMRA(F) 227,561 HUTA(F)				1,400,000			1,400,000
TOTALS		165,368,821		10,529,171	150,000	1,299,450	1,550,000	1,350,000	1,450,000	16,328,621

SIGNAL PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
S-2	Street Name Sign LED Conversion	200,000								0
S-3	2017/18 Traffic Signal Modification Project (2213)(2214)	135,000	83,172 RMRA 51,828 HUTA	135,000						135,000
S-4	Harbor Street/ Stoneman Avenue	300,000								0
S-5	Signal Modification at West Leland Road/ Burton Avenue	15,000								0
S-6	Traffic Signal Modification Kirker Pass Rd/Pheasant Dr	50,000								0
S-7	2018/19 Traffic Signal Modification Project	135,000	135,000 HUTA(F)			135,000				135,000
S-8	2019/20 Traffic Signal Modification Project	135,000	135,000 HUTA(F)				135,000			135,000
S-9	Leland Rd. Signal Interconnect	380,000								0
S-10	Buchanan Rd. Signal Interconnect	525,000								0
S-12	Opticom and Transit Priority Control	200,000								0
S-13	Installation of Emergency Vehicle Preemption at 6 Intersections	50,000								0
S-14	Wireless Traffic Signal Communication	305,000								0

ENGINEERING
DIVISION
CIP Section

SIGNAL PROJECTS

Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017- 18 (\$)	FY 2018- 19 (\$)	FY 2019- 20 (\$)	FY 2020- 21 (\$)	FY 2021- 22 (\$)	
S-15	2020/21 Traffic Signal Modification Project	135,000	135,000 HUTA(F)					135,000		135,000
S-16	2021/22 Traffic Signal Modification Project	135,000	135,000 HUTA(F)						135,000	135,000
S-24	Bailey Road Signal Interconnects	210,000								0
S-25	Loveridge Road Signal Interconnects	150,000								0
S-26	Railroad Avenue/3rd Street	300,000								0
S-27	Harbor Street/Central Avenue	330,000								0
S-30	Railroad Avenue/School Street	300,000								0
TOTALS		3,990,000		135,000	0	135,000	135,000	135,000	135,000	675,000

WATER PROJECTS

Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
W-1	2019/20 Water Main Installation/ Replacement Program	3,000,000								0
W-2	Hillview Reservoir coating (exterior)	350,000								0
W-3	WTP Intake modifications (2012-16B)(5040)	3,641,368	2,417,865 Ibank 115,000 WFR(502) 1,108,503 WOF	3,641,368						3,641,368
W-4	2017/18 Water Main Installation/ Replacement Program	3,000,000								0
W-5	Zone I/II Boundary Adjustments (Harbor, Leland, Railroad)	1,133,000								0
W-6	2017/18 WTP Capital Repairs and Improvements (5058)	75,000	75,000 WOF	75,000						75,000
W-7	24" / 20" / 16" / 12" Main Buchanan Rd Phase 2 (Seg 1 & 6)(WTP to SE Hills)	1,522,000								0
W-8	2020/21 Water Main Installation/ Replacement Program	3,000,000								0
W-10	Highlands Ranch Reservoir Recoating	200,000								0

WATER PROJECTS

Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
W-11	Automatic Water Meter Reading System (5030)	2,956,793	2,206,793 WOF	2,206,793						2,206,793
W-14	2018/19 Water Main Installation/ Replacement Program	3,000,000								0
W-15	12" Main Stoneman Ave (Harbor to Loveridge)	800,000								0
W-16	WTP Sludge Handling Facility Phase 1B (2012-16B) (5040)	3,713,537	1,683,376 Ibank 250,000 WFR(509) 1,725,000 Wbond 55,161 WOF	3,713,537						3,713,537
W-17	2016/17 WTP Sludge Removal	250,000	250,000 WOF	250,000						250,000
W-18	2018/19 WTP Sludge Removal	350,000								0
W-21	Convert Backyard Services in Central Addition to Street	11,900,000								0
W-24	Pittsburg-Antioch Highway Waterline Improvements (eastern loop)	1,200,000								0
W-28	Highlands Ranch Zone 2 (1.4 MG) Reservoir (T-9)	5,250,000	City 44% Dev 56%							0

WATER PROJECTS

Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
W-29	WTP Filter Backwash Management - 1.5 MGD Package Treatment Unit (Phase I)	1,500,000								0
W-30	WTP Filter Backwash Management - 1.5 MGD Package Treatment Unit (Phase II)	750,000								0
W-31	WTP 0.5 MG Filter Backwash Basin	3,000,000								0
W-32	WTP Sludge Dewatering Lagoon	500,000								0
W-33	WTP Mechanical Sludge Dewatering	2,000,000								0
W-34	WTP Disinfection Modification and Conversion	2,500,000								0
W-35	2017/18 WTP Filter Media Replacement (Filters 1 and 2) (5059)	150,000	150,000 WOF	150,000						150,000
W-36	2018/19 WTP Filter Media Replacement (Filters 3 and 4)	150,000								0
W-37	2019/20 WTP Filter Media Replacement (Filters 5 and 6)	150,000								0

WATER PROJECTS

Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
W-38	2020/21 WTP Filter Media Replacement (Filters 7 and 8)	150,000								0
W-39	2021/22 WTP Filter Media Replacement (Filters 1 and 2)	150,000								0
W-50	1.3 MG Zone I water tank (T-10)	5,300,000	Dev							0
W-61	20" Main W. Leland (WTP to SW Hills) Phase I (SEG 3W, 6W)(5071)	3,000,000	1,796,000 WFR 1,204,000 2005 Wbond	3,000,000						3,000,000
W-63	20" Main W. Leland (WTP to SW Hills) Phase 2 (SEG 1W, 2W)	2,700,000								0
W-101	WTP Capital Repairs/ Filter Rehabilitation (5050)	1,267,146	1,267,146 WOF	1,267,146						1,267,146
W-106	2016/17 Water Main Installation/ Replacement Program (5054)	1,340,000	400,000 WFR (503) 940,000 Wbond	1,340,000						1,340,000
TOTALS		64,648,844		15,643,844	0	0	0	0	0	15,643,844

ENGINEERING
DIVISION
CIP Section

SEWER PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
SS-1	Citywide Sewer Inspection Project (5119)	112,410	112,410 SOF	112,410						112,410
SS-3	2019/20 Sewer Replacement/ Rehabilitation Program	2,500,000	2,500,000 SOF(F)			500,000	2,000,000			2,500,000
SS-4	Sewer Master Plan Update	175,000	175,000 SOF(N)		175,000					175,000
SS-20	P/A Highway Sewer Line Improvements	605,000								0
SS-23	Highway 4 Trunk Line Relief (Segment A) (2007-09)(5201)	3,404,000	200,000 SFR	200,000						200,000
SS-24	Bart Specific Plan Sewer Main	284,000								0
SS-29	Highway 4 Trunk Line Relief (Segment B)	1,554,000								0
SS-30	2014/15 Sewer/Water Replacement/ Rehabilitation Program (5204)	10,000,000	8,300,000 SOF 950,000 WOF 750,000 WFR	10,000,000						10,000,000

ENGINEERING
DIVISION
CIP Section

SEWER PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Identified Funding Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
SS-31	Oak Hills Center Sewer Main	650,000								0
SS-34	2016/17 Sewer Replacement/ Rehabilitation Program (5205)	3,500,000	3,500,000 SOF	3,500,000						3,500,000
SS-36	2020/21 Sewer Replacement/ Rehabilitation Program	3,500,000	3,500,000 SOF(F)					500,000	3,000,000	3,500,000
TOTALS		26,284,410		13,812,410	175,000	500,000	2,000,000	500,000	3,000,000	19,987,410

STORM DRAINAGE PROJECTS

Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Funding Available (N) = New allocation (F) = Future	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
SD-1	Sugartree Channel Project (Contra Costa Canal to EBMUD)	675,000								0
SD-3	Full Trash Capture Device (California Avenue and Loveridge Road)	250,000								0
SD-4	Full Trash Capture Devices (Citywide)	50,000								0
SD-5	W. 8th Street Storm Drain Pump Station	180,000								0
SD-6	Praxair Storm Water Diversion for Kirker Creek East of Loveridge Road	1,250,000								0
SD-7	W. Leland Road Storm Drainage Improvements (Crestview Dr. to Burton Ave.)	680,000								0
SD-8	Storm Drain Repairs on Buchanan Road/ West Leland Road	275,000								0
SD-9	Americana Park/North Parkside Storm Drainage Project (2009-01)(8336)	700,000	120,000 CCIF 580,000 IRRF	700,000						700,000
SD-10	Kirker Creek Improvement (Loveridge Rd to Dow Channel)	1,210,000								0
SD-11	Storm Drain Master Plan update	400,000								0
SD-12	Kirker Creek Watershed Hwy 4 to Garcia	1,125,000								0

STORM DRAINAGE PROJECTS

Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Funding Available (N) = New allocation (F) = Future	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
SD-13	Kirker Creek Watershed Leland Rd to Contra Costa Canal	395,000								0
SD-14	Kirker Creek Watershed Contra Costa Canal to Buchanan Road	350,000								0
SD-15	Kirker Creek Watershed Buchanan Road to Kingswood	2,060,000								0
SD-16	Kirker Creek Watershed Ventura Area	140,000								0
SD-17	Kirker Creek Watershed Stoneman Ave/Contra Costa Canal	1,005,000								0
SD-18	Kirker Creek Watershed LMC Area	635,000								0
SD-19	Lawlor Creek Watershed Hwy 4 to Leland	430,000								0
SD-20	Lawlor Creek Watershed Contra Costa Canal to Santa Maria Drive	165,000								0
SD-21	Lawlor Creek Watershed Leland Road to Oak Hills Circle	460,000								0
SD-22	Watershed 4 Willow Pass Road and Contra Costa Canal	105,000								0
SD-23	Watershed 4 Leland Road to Sugartree Drive	195,000								0
SD-24	Watershed 4 Rock Ridge Way to End of Jacqueline Drive	670,000								0
SD-25	Watershed 5 Hwy 4 to Paige Court	55,000								0

STORM DRAINAGE PROJECTS

Project Summary

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Funding Available (N) = New allocation (F) = Future	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
SD-26	Watershed 6 City Park Storm Drain	600,000								0
SD-27	Watershed 6 Hwy 4 to Andrea Way	90,000								0
SD-28	Watershed 6 Parkside Drive Storm Drain	85,000								0
SD-29	Watershed 6 Dover Way Storm Drain	980,000								0
SD-30	Watershed 6 Leland Road/Arlington Drive to Kingston Place/Crestview Drive	1,250,000								0
SD-31	Watershed 6 Contra Costa Canal/Crestview Drive to Ramona Drive/Linscheid Drive	1,285,000								0
SD-32	Watershed 6 Harbor Street/River Outfall to Harbor Street/School Street	1,225,000								0
SD-33	Watershed 6 Stone Harbour Drive/Morro Drive to Brighton Drive	440,000								0
SD-34	Watershed 6 Cumberland Drive/3rd Street to Railroad Avenue/7th Street	510,000								0
SD-35	Watershed 6 Marina Boulevard and Bayside Drive	150,000								0
SD-36	Watershed 6 8th Street/Railroad Avenue to 8th Street Outfall/ Montezuma Slough	590,000								0
TOTALS		20,665,000		700,000	0	0	0	0	0	700,000

ENGINEERING
DIVISION
CIP Section

BUILDING PROJECTS

Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
B-2	Corporation Yard Fueling System Upgrade	215,000								0
B-3	Demolish Back of Cigar Store	40,000								0
B-4	Roof-top Solar for Pittsburg Library	120,000								0
B-12	Purchase Corp Yard Annex 359 E 12th St	1,650,000								0
B-31	Cover Fuel Dispensers at Corp Yard	60,000								0
B-52	Civic Center Parking Structure	5,000,000								0
B-53	Downtown Surface Parking Lot	1,500,000								0
B-54	Downtown Parking Structure	5,000,000								0
TOTALS		13,585,000		0	0	0	0	0	0	0

PARK PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
PK-1	Central Harbor Park Restrooms	482,000								0
PK-2	Old Growth Tree Care	100,000								0
PK-4	Annual Playground Replacement Project	320,000	320,000 PDF(F)			80,000	80,000	80,000	80,000	320,000
PK-5	CASP Accessibility Improvements in Parks	150,000								0
PK-6	City Park Soccer Field Turf Replacement	500,000								0
PK-7	De Anza Park Walkway Rehabilitation and Basketball Court	200,000								0
PK-8	Biennial Playfield Replacement	1,000,000	1,000,000 PDF(F)			250,000	250,000	250,000	250,000	1,000,000
PK-9	Annual Park Features Replacement Project	300,000	300,000 PDF(F)			75,000	75,000	75,000	75,000	300,000
PK-10	Biennial Restroom Replacement/Rehabilitation	1,000,000	1,000,000 PDF(F)			250,000	250,000	250,000	250,000	1,000,000
PK-11	Sullenberger Swim Center Improvements/Solar Heating	300,000								0
PK-12	All Abilities Playground	2,000,000								0
PK-13	Park and Landscaping Improvement Project	200,000	200,000 PDF(F)			200,000				200,000
PK-14	Skate Park @ Stoneman North	480,000								0
PK-15	Ray Giacomelli Park @ San Marco/W. Leland Phase I (3065)	2,600,000	50,000 PDF	50,000						50,000
PK-16	Ray Giacomelli Park @ San Marco/W. Leland Phase II (3065)	2,000,000								0
PK-26	Buchanan Park Pavement Rehabilitation	245,000								0

PARK PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Available (N) = New allocation (F) = Future allocation	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
PK-40	Dredge Buchanan Park Pond	200,000								0
PK-41	Buchanan Park School Age Playground	250,000								0
PK-43	City Park School Age Playground	150,000								0
PK-51	Small World Park New Features (3054)	1,300,000	300,000 PDF	300,000						300,000
TOTALS		13,777,000		350,000	0	855,000	655,000	655,000	655,000	3,170,000

ENGINEERING
DIVISION
CIP Section

GENERAL PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Funding Available (N) = New allocation (F) = Future	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
G-1	City Standard Specification Update (2206)	150,000	21,500 WOF 21,000 SOF 12,000 ME 44,500 Gas Tax 51,000 IRRF	150,000						150,000
G-2	City Standard Details Update	100,000	32,000 WOF(N) 11,000 SOF(N) 26,000 HUTA(N) 31,000 PDF(N)		100,000					100,000
G-7	PG&E Street Light Facilities Acquisition	1,050,000								0
G-9	ADA Transition Plan Update	50,000								0
G-12	City Limit Entrance Features	120,000								0
G-18	West Leland Road Underground Utilities (Railroad Avenue to Burton Avenue)	1,400,000	1,400,000 Rule 20/32	1,400,000						1,400,000
G-25	East 8th Street Underground Utilities (Railroad Avenue to Harbor Street)	840,000								0
TOTALS		3,710,000		1,550,000	100,000	0	0	0	0	1,650,000

ENGINEERING
DIVISION
CIP Section

PITTSBURG POWER PROJECTS Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Funding Available (N) = New allocation (F) = Future	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
PP-1	2017/2018 Cable Replacement (5814)	250,000	250,000 IE	250000						250000
PP-5	RA Switch Removal and Replacement (Phase I)(5804)	175,000	175,000 IE	175,000						175,000
PP-8	Substation DD4 Switchgear Upgrade (5815)	200,000	100,000 IE	100,000						100,000
PP-24	Substation P Switchgear Upgrade	10,000	200,000 IE	200,000						200,000
PP-25	Gas Line Removal and Replacement	100,000	100,000 IE	100,000						100,000
PP-27	2016/17 Cable Replacement	500,000	500,000 IE	500,000						500,000
TOTALS		1,235,000		1,325,000	0	0	0	0	0	1,325,000

ENGINEERING
DIVISION
CIP Section

MARINA PROJECTS

Project Summary

5 year CIP 2017-18 / 2021-2022

Item No.	Project Name	Estimated Project Cost (\$)	Funding (\$)	CIP Funding Schedule						Total Funding
			Funding Available (N) = New allocation (F) = Future	Current Project Funding (\$)	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)	
M-1	Lowy Basin Maintenance Dredging	400,000								0
M-2	New York Landing Channel Maintenance Dredging	430,000								0
M-3	Riverview Basin Maintenance Dredging (5400)	325,000	20,000 WO	20,000						20,000
M-4	Replace Covered Berths in Central Harbor (sheds 1,2, & 3)	425,000								0
M-5	Re-model Restrooms and Showers in Riverview Basin	225,000								0
M-6	Demolish and Replace Restrooms at the Launch Ramp	225,000								0
M-7	Restroom/Shower Facility for Central Harbor	250,000								0
M-8	Marina South Parking Lot Improvements	50,000								0
M-9	Launch Ramp Maintenance Dredging	65,000								0
M-10	Riverview Park Dock Repairs	75,000								0
TOTALS		2,470,000		20,000	0	0	0	0	0	20,000

FUNDING SOURCES

The following section discusses the major funding sources available to fund CIP projects. Funding amounts included in the Current Funds Available column are those that are available for use as of preparation of this document. Funding amounts listed for the remaining fiscal years are estimated net funds available for use as a funding source for construction of CIP projects. New funding will be requested only for projects planned for FY 2017/18. The remaining projects for FY 2018/19 through FY 2021/22 are projections based on anticipated funding availability. Enterprise funds are budgeted to maintain a reserve equal to 30% of their operating expenses.

Restricted vs. Un-Restricted Funding Sources

Funding sources for CIP projects include those considered restricted funds that can finance only specific types of projects. Examples of restricted funds are Water, Sewer, Park Dedication, HUTA, RMRA, Measure J, Infrastructure Repair and Replacement Fund, and Traffic Mitigation. These funds vary in their project restrictions.

Other funding sources included in the CIP are unrestricted funds that can be used on any type of project. An example of an unrestricted fund would be the City's General Fund and the Pittsburg Power Company Fund. Unrestricted funds are currently unavailable as a funding source for projects in the 5-year CIP.

Fund Balances and Projected Funding Availability

The major sources of funding (and their abbreviations) for projects included in the current 5-Year CIP are as follows (fund balances estimated as of April 2017):

IBank Loan

On August 18, 2014, the City Council adopted Resolution 14-12168 authorizing staff to incur an obligation of up to \$11.5 million, payable to the California Infrastructure and Economic Development Bank (I-Bank), for the financing of water system modification projects. These funds are not included in the funding source list below since they are for specific projects.

Of the \$11,500,000 loan, \$11,273,524 was available for use on water projects after administration costs and contingency. The projects that were funded and their amounts are as follows:

W-3	WTP Intake Modifications	\$ 2,417,865 (complete 2017)
W-16	WTP Sludge Handling Facility Phase 1B	\$ 1,683,376 (complete 2017)
W-22	Western Loop	\$ 761,207 (completed)
W-33	WTP Capital Improvements Phase 1A	\$ 3,486,874 (completed)
W-55	24"/20"/16"/12" Main Buchanan Rd Phase 1	\$ 2,924,202 (completed)
Total		\$11,273,524

Road Maintenance and Rehabilitation Account Gas Tax Fund (RMRA)

Senate Bill 1, the Road Repair and Accountability Act of 2017, was signed into law on April 28, 2017. SB 1 increases the per gallon fuel excise taxes; increases the diesel fuel sales taxes and vehicle registration fees; and provides for inflationary adjustments to tax rates in future years. This legislative package invests \$54 billion over the next decade to fix roads, freeways and bridges in communities across California and puts more dollars toward transit and safety. These funds will be split equally between state and local investments.

Beginning November 1, 2017, the State Controller (Controller) will deposit various portions of this new funding into the newly created RMRA. A percentage of this new RMRA funding will be apportioned by formula to eligible cities and counties. The RMRA funding that the City is estimated to receive in FY 2017/18 is \$383,172. FY 2017/18 will be a partial amount due to the implementation occurring mid-year. In FY 2018/19 the City is estimated to receive \$1,149,450. FY 2018/19 will be the first year of receiving the full annual amount.

Prior to the City receiving its apportionment of RMRA funds in a fiscal year, the City must submit a list of projects proposed to be funded with the RMRA funds. The proposed projects to receive RMRA funds must also be included in the adopted City budget or as part of the Capital Improvement Program. The list must include project description, location, schedule, and estimated useful life of the improvement.

Each fiscal year, the City must submit documentation that includes similar information to the above for the projects actually completed.

Below is the list for reporting proposed projects planned for potential expenditure of RMRA funds in FY 2017/18:

Title	ST-3, 2017/18 Traffic Calming Project
Description	Installation of speed humps and RADAR speed feedback signs to help slow traffic
Location	Brookside Drive - four locations, other locations to be determined.
Amount	\$100,000
Completion Date	June 2018
Useful Life	10 – 20 Years

Title	ST-46, BART Station Parking Strategy and Signage
Description	Install informational and directional signage for new BART station and signage for designated parking areas
Location	Various areas around the newly constructed BART station at Railroad Avenue and Highway 4
Amount	\$100,000
Completion Date	June 2018
Useful Life	20 Years

Title	ST-97, 2017/18 Citywide Pavement Management Project
Description	Patch paving on Loveridge Road from Pittsburg-Antioch Highway to E. Leland Road. Also includes patch paving on W. Leland Road from Burton Avenue to Bailey Road
Location	Patch paving on Loveridge Road from Pittsburg-Antioch Highway to E. Leland Road. Also includes patch paving on W. Leland Road from Burton Avenue to Bailey Road
Amount	\$300,000
Completion Date	June 2018
Useful Life	10 Years

Title	S-3, Traffic Signal Modification
Description	Modifications to traffic signal timing and modernization of traffic control equipment
Location	Citywide, with emphasis on the Leland Road corridor
Amount	\$135,000
Completion Date	June 2018
Useful Life	1-10 Years

Current and Projected RMRA Funding Availability: Fund 228

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance		0	0	0	0	0
Revenues		383,172	1,149,450	1,172,439	1,195,888	1,219,806
Expenses		0	0	0	0	0
Sub-Total	0	383,172	1,149,450	1,172,439	1,195,888	1,219,805
CIP Expenditure		-383,172	-1,149,450	-1,172,439	-1,195,888	-1,219,805
Remaining Balance	0	0	0	0	0	0

Highway User Tax Account Gas Tax Fund (HUTA)

The gas tax referred to as HUTA may also be used to fund pavement rehabilitation projects. In FY 2017-18, Pittsburg is expected to receive a total of \$1,558,025 in HUTA funds. Of this amount, \$1,139,325 is allocated to pay maintenance expenses. The combination of HUTA and Measure J funds received by the City varies, and

yields an average of \$529,046 per year for street and pavement projects after O&M costs are deducted. If these funds were dedicated entirely to capital projects for maintaining pavement, the total would still be insufficient to maintain the current PCI.

The Gas Tax is comprised of State and Local taxes on the sale of gasoline. Revenues for this fund are dependent on the overall economy and gasoline usage. This can vary according to economic conditions and the increasing number of fuel efficient and electric vehicles on the road. This tax is administered by the State Board of Equalization in accordance with California Local Motor Vehicle Fuel Taxation Law. These funds can be used for maintenance of existing roads, construction of new roads, street lights, traffic signals, and street medians.

Current and Projected HUTA Funding Availability: Fund 203

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	719,347	-31,557	81,655	245,308	190,374	368,041
Revenues	2,207,309	1,558,025	1,587,978	1,619,738	1,652,132	1,685,175
Expenses	-2,958,213	-1,116,985	-1,139,325	-1,162,111	-1,185,353	-1,209,060
Sub-Total	-31,557	409,483	530,308	702,935	657,153	844,155
CIP Expenditure		-327,828	-285,000	-512,561	-289,112	-365,195
Remaining Balance	-31,557	81,655	245,308	190,374	368,041	478,960

Measure J (MJ)

In 2004, Contra Costa County voters approved Measure J, which continued the ½ cent sales tax that funds transportation projects in the county through March 31, 2034. Pittsburg's Measure J funds are used for street pavement projects as funding is available. However, using this fund only for street pavement projects reduces funds available for other eligible projects, such as traffic signals. In addition, the City currently uses Measure J Funds to help fund the Public Works Department's street operations and maintenance (O&M) to off-set General Fund revenues. Redirecting Measure J funds to daily O&M reduces the amount of street resurfacing projects the City is able to implement to below the minimum level of investment in capital projects that is needed to maintain the current pavement condition. In FY 2017-18, Pittsburg should receive a total of \$746,800 in Measure J funds all of which, \$672,409 has been allocated with the City Budget to cover street maintenance managed by Public Works and Engineering staff time spent designing and managing pavement projects.

Current and Projected Measure J Funding Availability: Fund 204

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	353,576	-32,116	42,275	118,154	195,550	274,495
Revenues	4,485,005	746,800	761,736	776,971	792,510	808,360
Expenses	-4,870,697	-672,409	-685,857	-699,574	-713,566	-727,837
Sub-Total	-32,116	42,275	118,154	195,550	274,495	355,018
CIP Expenditure						
Remaining Balance	-32,116	42,275	118,154	195,550	274,495	355,018

Kirker Creek Drainage Fund (KCDF)

The Kirker Creek Drainage Fund was established to provide for improvements to the drainage area due to impacts from new development. This fee is charged only for new development within the Kirker Creek watershed. Currently the fee is \$0.68/sf of impervious area for the development. This fund can be used for construction of drainage improvements within the Kirker Creek watershed

Current and Projected KCDF Funding Availability: Fund 302

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	424,216	396,915	379,268	361,268	342,908	324,181
Revenues	16,393					
Expenses	-43,694	-17,647	-18,000	-18,360	-18,727	-19,102
Sub-Total	396,915	379,268	361,268	342,908	324,181	305,079
CIP Expenditure		0	0	0	0	0
Remaining Balance	396,915	379,268	361,268	342,908	324,181	305,079

Local Traffic Mitigation Fund (LTMF)

These fees are collected from developers to pay for developer's share of impacts to streets and traffic flow within the City. Current fee per housing unit is approximately \$7,785 for the Pittsburg LTMF. These funds are restricted to projects that are included in the current traffic mitigation study.

Current and Projected LTMF Funding Availability: Fund 303

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	2,768,463	2,022,604	1,852,103	1,778,925	1,703,624	1,626,150
Revenues	175,411	12,136	11,113	10,674	10,222	9,757
Expenses	-921,270	-82,637	-84,290	-85,976	-87,695	-89,449
Sub-Total	2,022,604	1,952,103	1,778,925	1,703,624	1,626,150	1,546,458
CIP Expenditure		-100,000	0	0	0	0
Remaining Balance	2,022,604	1,852,103	1,778,925	1,703,624	1,626,150	1,546,458

Park Dedication Fees (PDF)

Park Dedication Fees are collected from developers to provide for construction of new parks and recreation facilities. Fees are collected based on the market value of the property, size of development, and number of units. Current average fee per residential lot is \$3,200. These funds are restricted to new park construction and expansion and rehabilitation of existing parks.

Current and Projected PDF Funding Availability: Fund 304

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	906,436	1,306,449	1,224,557	316,998	257,797	197,018
Revenues	2,795,077	7,839	7,347	1,902	1,547	1,182
Expenses	-2,395,064	-58,731	-59,906	-61,104	-62,326	-63,572
Sub-Total	1,306,449	1,255,557	1,171,998	257,797	197,018	134,627
CIP Expenditure		-31,000	-855,000	0	0	0
Remaining Balance	1,306,449	1,224,557	316,998	257,797	197,018	134,627

Pittsburg Regional Traffic Mitigation Fund (PRTMF)

These fees are collected from developers to pay for developer's share of regional projects to mitigate impacts to streets and traffic flow. Current fee per housing unit is \$14,311 for the Pittsburg Regional Transportation Mitigation Fee. These funds are restricted to projects that are included in the current regional fee program.

Current and Projected PRTMF Funding Availability: Fund 307

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	2,381,746	4,963	4,993	5,023	5,053	5,083
Revenues	17,176	30	30	30	30	30
Expenses	-2,393,959					
Sub-Total	4,963	4,993	5,023	5,053	5,083	5,114
CIP Expenditure		0	0	0	0	0
Remaining Balance	4,963	4,993	5,023	5,053	5,083	5,114

Infrastructure Repair and Replacement Fund (IRRF)

On January 22, 2013, the City Council adopted Ordinance 12-1363, also known as the Fiscal Sustainability Ordinance. This ordinance established minimum balances for financial reserves used to stabilize the City's budget, and created an Infrastructure Repair and Replacement Fund that receives a portion of funds that exceed the required reserve amount. This fund may be used for repairs and capital improvements projects related to the City's infrastructure including streets, roads, parking lots, and storm drains.

Current and Projected IRRF Funding Availability: Fund 310

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	1,072,640	928	928	928	928	928
Revenues	1,200					
Expenses	-1,072,912					
Sub-Total	928	928	928	928	928	928
CIP Expenditure	0					
Remaining Balance	928	928	928	928	928	928

2005 Water Bond (2005 WBond)

On December 5, 2005, City Council adopted Resolution 05-10440 authorizing a bond purchase contract for funding of several water projects.

Current and Projected 2005 Water Bond Funding Availability: Fund 500

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	2,750,461	-75,168	195,342	195,342	195,342	195,342
Revenues	256,753	270,510				
Expenses	-3,082,382					
Sub-Total	-75,168	195,342	195,342	195,342	195,342	195,342
CIP Expenditure	0					
Remaining Balance	-75,168	195,342	195,342	195,342	195,342	195,342

Water Operations Fund (WOF)

The Water Fund is maintained by a service charge that is collected in water service bills. Fees collected vary by size of water meter and water use and range from \$22.68/mo for a ¾" meter to \$2,603.61/mo for a 10" meter. These funds are used for installing, upgrading, and maintaining the City's water system. Per Ordinance 12-1363 a minimum of 30% of annual operating costs shall be maintained in reserve.

Current and Projected Water Operations Fund Funding Availability: Fund 501

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	17,489,844	6,140,694	16,848	655,163	1,306,244	1,970,347
Revenues	20,587,158	20,301,282	20,707,308	21,121,454	21,543,883	21,974,761
30% Reserve		-5,902,645				
Expenses	-17,135,054	-19,675,483	-20,068,993	-20,470,373	-20,879,780	-21,297,376
Sub-Total	20,941,948	863,848	655,163	1,306,244	1,970,347	2,647,732
		-90,000				
CIP Expenditure	-14,801,254	-757,000				
Remaining Balance	6,140,694	16,848	655,163	1,306,244	1,970,347	2,647,732

Water Facility Reserve Fund (WFR) Treatment Plant and Distribution

The Water Facility Reserve is funded by a one time charge per residential unit paid by developers. The amount of the fee varies according to the location of the development, and is calculated according to a formula described in the fee schedule approved by the City Council (Resolution No. 05-1029 and as amended by 12-11778). The average fee for per new residential unit is \$5,000. This fund is used for expansion and upgrade of the water distribution system or treatment plant to account for increased use with new development.

Current and Projected Funding Availability Various WFR Accounts:

WFR Treatment Plant: Fund 502

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	1,579,399	548,513	713,002	717,280	721,584	725,913
Revenues	6,492,087	164,489	4,278	4,304	4,330	4,355
Expenses						
Sub-Total	8,071,486	713,002	717,280	721,584	725,913	730,269
CIP Expenditure	-7,522,973					
Remaining Balance	548,513	713,002	717,280	721,584	725,913	730,269

WFR Water Distribution: Fund 503

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	407,231	293,221	40,404	40,646	40,890	41,136
Revenues	65,990	497,183	242	244	245	247
Expenses						
Sub-Total	473,221	790,404	40,646	40,890	41,136	41,382
CIP Expenditure	-180,000	-750,000				
Remaining Balance	293,221	40,404	40,646	40,890	41,136	41,382

WFR Zone I/II Reservoir: Fund 504

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	960,974	960,974	966,740	972,540	978,376	984,246
Revenues		5,766	5,800	5,835	5,870	5,905
Expenses	0					
Sub-Total	960,974	966,740	972,540	978,376	984,246	990,151
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	960,974	966,740	972,540	978,376	984,246	990,151

WFR 20" SE Hills Water Transmission: Fund 505

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	859,357	126,947	182,062	183,154	184,253	185,359
Revenues	27,590	55,115	1,092	1,099	1,106	1,112
Expenses	0					
Sub-Total	886,947	182,062	183,154	184,253	185,359	186,471
CIP Expenditure	-760,000					
Remaining Balance	126,947	182,062	183,154	184,253	185,359	186,471

WFR SW Hills Water Facility: Fund 506

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	0	0	0	0	0	0
Revenues	255,054	270,410				
Expenses	-255,054	-270,410				
Sub-Total	0	0	0	0	0	0
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	0	0	0	0	0	0

WFR SW Hills Phase III Pipe: Fund 507

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	2,156,896	439,252	441,752	444,403	447,069	449,751
Revenues	1,282,356	2,500	2,651	2,666	2,682	2,699
Expenses	-3,000,000					
Sub-Total	439,252	441,752	444,403	447,069	449,751	452,450
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	439,252	441,752	444,403	447,069	449,751	452,450

WFR SW Hills Phase III Pump: Fund 508

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	0	0	0	0	0	0
Revenues	0					
Expenses	0					
Sub-Total	0	0	0	0	0	0
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	0	0	0	0	0	0

WFR Water Treatment Plant Sludge Handling: Fund 509

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	0	-119,979	77,979	78,447	78,918	79,391
Revenues	130,021	197,958	468	471	474	476
Expenses	-250,000					
Sub-Total	-119,979	77,979	78,447	78,918	79,391	79,867
CIP Expenditure	0					
Remaining Balance	-119,979	77,979	78,447	78,918	79,391	79,867

WFR Zone 1 Reservoir: Fund 510

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	223,973	274,125	530,027	533,207	536,406	539,625
Revenues	50,152	255,902	3,180	3,199	3,218	3,238
Expenses	0					
Sub-Total	274,125	530,027	533,207	536,406	539,625	542,863
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	274,125	530,027	533,207	536,406	539,625	542,863

WFR Zone 2 Reservoir: Fund 511

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	72,862	86,792	86,892	87,413	87,938	88,465
Revenues	13,930	100	521	524	528	531
Expenses	0					
Sub-Total	86,792	86,892	87,413	87,938	88,465	88,996
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	86,792	86,892	87,413	87,938	88,465	88,996

Sewer Operations Fund (SOF)

The Sewer Fund is maintained by a service charge that is collected in water service bills. Fees collected vary by property use. For example a residential property is charged a flat rate of \$15.79/month and non-residential is charged \$1.61 per CCF, or 100 cubic feet (748 gallons), of water usage/month. These funds are used for installing, upgrading, and maintaining the City's sewer system. Per Ordinance 12-1363 a minimum of 30% of annual operating costs shall be maintained in reserve.

Current and Projected Sewer Operations Fund Funding Availability: Fund 521

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	10,864,081	2,902,516	703,609	1,679,308	1,184,522	2,219,839
Revenues	5,704,527	5,079,000	5,180,580	5,284,192	5,389,875	5,497,673
30% Reserve		-1,089,671				
Expenses	-3,646,922	-3,632,236	-3,704,881	-3,778,978	-3,854,558	-3,931,649
Sub-Total	12,921,686	3,259,609	2,179,308	3,184,522	2,719,839	3,785,863
		-70,000				
CIP Expenditure	-10,019,170	-2,486,000	-500,000	-2,000,000	-500,000	-3,000,000
Remaining Balance	2,902,516	703,609	1,679,308	1,184,522	2,219,839	785,863

Sewer Facility Reserve Fund (SFR) Collection System Capacity Buy In

The Sewer Facility Reserve is funded by a one time charge per residential unit paid by developers. The amount of the fee varies according to the location of the development, and is calculated according to a formula described in the fee schedule approved by the City Council (Resolution No. 05-10291 and as amended by 05-10372). The average fee for a new residential unit is \$3,216. This fund is used for expansion and upgrade of the sewer system to account for increased usage with new development.

Current and Projected Sewer Facility Reserve Funding Availability: Fund 522

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	477,627	548,917	805,417	810,250	815,111	820,002
Revenues	71,290	256,500	4,833	4,861	4,891	4,920
Expenses						
Sub-Total	548,917	805,417	810,250	815,111	820,002	824,922
CIP Expenditure		0	0	0	0	0
Remaining Balance	548,917	805,417	810,250	815,111	820,002	824,922

Sewer Facility Reserve Fund (SFR) Highway 4 Trunk Line

This fund is used for expansion and upgrade of the sewer system to account for increased usage with new development.

Current and Projected Funding Availability: Fund 523

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	17,355	17,472	17,577	17,682	17,788	17,895
Revenues	2,982	105	105	106	107	107
Expenses	-2,865					
Sub-Total	17,472	17,577	17,682	17,788	17,895	18,002
CIP Expenditure	0	0	0	0	0	0
Remaining Balance	17,472	17,577	17,682	17,788	17,895	18,002

Waterfront Operations (WO)

On January 1, 2012, California's SB 551 took effect, granting certain tidelands and submerged land to the City of Pittsburg. These lands were previously managed by the State Lands Commission, which leased certain portions for waterfront commercial and industrial development. The leases will convert to agreements with the City, generating revenue on an annual basis to be used to facilitate development of the waterfront for commercial, industrial and recreational use. Per Ordinance 12-1363 a minimum of 30% of annual operating costs shall be maintained in reserve.

Current and Projected Waterfront Operations Funding Availability: Fund 540

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	457,278	627,834	323,369	415,806	480,783	517,753
Revenues	1,457,306	1,465,430	1,465,431	1,465,432	1,465,433	1,465,434
30% Reserve		-403,822				
Expenses	-1,280,741	-1,346,073	-1,372,994	-1,400,454	-1,428,463	-1,457,033
Sub-Total	633,843	343,369	415,806	480,783	517,753	526,154
CIP Expenditure	-6,009	-20,000	0	0	0	0
Remaining Balance	627,834	323,369	415,806	480,783	517,753	526,154

Marina Enterprise Fund (ME)

The Marina Enterprise Fund is composed of funds collected at the marinas in Pittsburg from boat slip rentals and gasoline sales. These funds are used to maintain and improve the various marina facilities. Per Ordinance 12-1363 a minimum of 30% of annual operating costs shall be maintained in reserve.

Current and Projected Marina Enterprise Fund Funding Availability: Fund 550

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	842,297	757,199	4,738	-129,285	-265,988	-405,426
Revenues	1,943,424	1,938,825	1,977,602	2,017,154	2,057,497	2,098,647
30% Reserve		-621,066				
Expenses	-1,987,314	-2,070,220	-2,111,624	-2,153,857	-2,196,934	-2,240,873
Sub-Total	798,407	4,738	-129,285	-265,988	-405,426	-547,652
CIP Expenditure	-41,208	0	0	0	0	0
Remaining Balance	757,199	4,738	-129,285	-265,988	-405,426	-547,652

Island Energy (IE)

The US Navy awarded Pittsburg Power a franchise service agreement to provide electric and natural gas retail services on Mare Island in Vallejo. In a special arrangement, Pittsburg Power Company established and does business as "Island Energy" on Mare Island. Island Energy has been providing Mare Island customers reliable electric and gas services at competitive pricing since 1997. Island Energy is a potential revenue source for Capital Improvement Projects.

Current and Projected Island Energy Funding Availability: Fund 580

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	2,974,491	1,798,742	44,090	1,057,109	2,090,388	3,144,334
Revenues	5,614,046	5,814,350	5,930,637	6,049,250	6,170,235	6,293,639
30% Reserve		-1,446,358				
Expenses	-5,141,599	-4,821,194	-4,917,618	-5,015,970	-5,116,290	-5,218,615
Sub-Total	3,446,938	1,345,540	1,057,109	2,090,388	3,144,334	4,219,358
		-951,450				
CIP Expenditure	-1,648,196	-350,000				
Remaining Balance	1,798,742	44,090	1,057,109	2,090,388	3,144,334	4,219,358

Pittsburg Power (PP)

Current and Projected Pittsburg Power Funding Availability: Fund 590

Description	Current Funds Available	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Beginning Fund Balance	2,681,435	2,418,506	2,149,265	2,149,265	2,149,265	2,149,265
Revenues	2,194,352	2,566,428				
30% Reserve		-654,385				
Expenses	-2,332,281	-2,181,284				
Sub-Total	2,543,506	2,149,265	2,149,265	2,149,265	2,149,265	2,149,265
CIP Expenditure	-125,000	0	0	0	0	0
Remaining Balance	2,418,506	2,149,265	2,149,265	2,149,265	2,149,265	2,149,265

Other Potential Funding Sources

Developer Funding (direct developer contributions)

Various Grants

National Pollution Discharge Elimination System (NPDES)

PG&E Rule 20A & 20B (credits)

SOURCE FUND BALANCE SUMMARY

The following table summarizes the current and projected major source annual remaining fund balances for the 5-year CIP. Amounts shown are remaining balances by fund after project funds are encumbered for scheduled CIP projects for each fiscal year.

Summary of Projected Major Funding Source Remaining Funds:

Description	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)
Gas Tax RMRA (Fund 228)	0	0	0	0	0
Gas Tax HUTA (Fund 203)	\$81,655	\$245,308	\$190,374	\$368,041	\$478,960
Measure J (Fund 204)	\$42,275	\$118,154	\$195,550	\$274,495	\$355,018
Kirker Creek (Fund 302)	\$379,268	\$361,268	\$342,908	\$324,181	\$305,079
Local Traffic Mitigation (Fund 303)	\$1,852,103	\$1,778,925	\$1,703,624	\$1,626,150	\$1,546,458
Park Dedication (Fund 304)	\$1,224,557	\$316,998	\$257,797	\$197,018	\$134,627
PRTMF (Fund 307)	\$4,993	\$5,023	\$5,053	\$5,083	\$5,114
Infrastructure Repair/ Replacement (Fund 310)	\$928	\$928	\$928	\$928	\$928
2005 Water Bond Proceeds (Fund 500)	\$195,342	\$195,342	\$195,342	\$195,342	\$195,342
Water Operation Fund (Fund 501)	\$16,848	\$655,163	\$1,306,244	\$1,970,347	\$2,647,732
WTP Expansion (Fund 502)	\$713,002	\$717,280	\$721,584	\$725,913	\$730,269

Description	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)
Water Distribution (Fund 503)	\$40,404	\$40,646	\$40,890	\$41,136	\$41,382
Zone I/II Reservoir (Fund 504)	\$966,740	\$972,540	\$978,376	\$984,246	\$990,151
20" Transmission SE Hills (Fund 505)	\$182,062	\$183,154	\$184,253	\$185,359	\$186,471
SW Hills Water (Fund 506)	\$0	\$0	\$0	\$0	\$0
SW Hills Phase III Pipe (Fund 507)	\$441,752	\$444,403	\$447,069	\$449,751	\$452,450
SW Hills Phase III Pump (Fund 508)	\$0	\$0	\$0	\$0	\$0
WTP Sludge Handling (Fund 509)	\$77,979	\$78,447	\$78,918	\$79,391	\$79,867
Zone 1 Reservoir (Fund 510)	\$530,027	\$533,207	\$536,406	\$539,625	\$542,863
Zone 2 Reservoir (Fund 511)	\$86,892	\$87,413	\$87,938	\$88,465	\$88,996
Sewer Operation Fund (Fund 521)	\$703,609	\$1,679,308	\$1,184,522	\$2,219,839	\$785,863
SFR Capacity Buy In (Fund 522)	\$805,417	\$810,250	\$815,111	\$820,002	\$824,922
Sewer Facility Reserve Hwy 4 Trunk (Fund 523)	\$17,577	\$17,682	\$17,788	\$17,895	\$18,002
Waterfront Operations (Fund 540)	\$323,369	\$415,806	\$480,783	\$517,753	\$526,154

Description	FY 2017-18 (\$)	FY 2018-19 (\$)	FY 2019-20 (\$)	FY 2020-21 (\$)	FY 2021-22 (\$)
Marina (Fund 550)	\$4,738	-\$129,285	-\$265,988	-\$405,426	-\$547,652
Island Energy (Fund 580)	\$44,090	\$1,057,109	\$2,090,388	\$3,144,334	\$4,219,358
Pittsburg Power (Fund 590)	\$2,149,265	\$2,149,265	\$2,149,265	\$2,149,265	\$2,149,265

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STREET PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



ST-1: RANGE ROAD OVERCROSSING

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$25,000,000

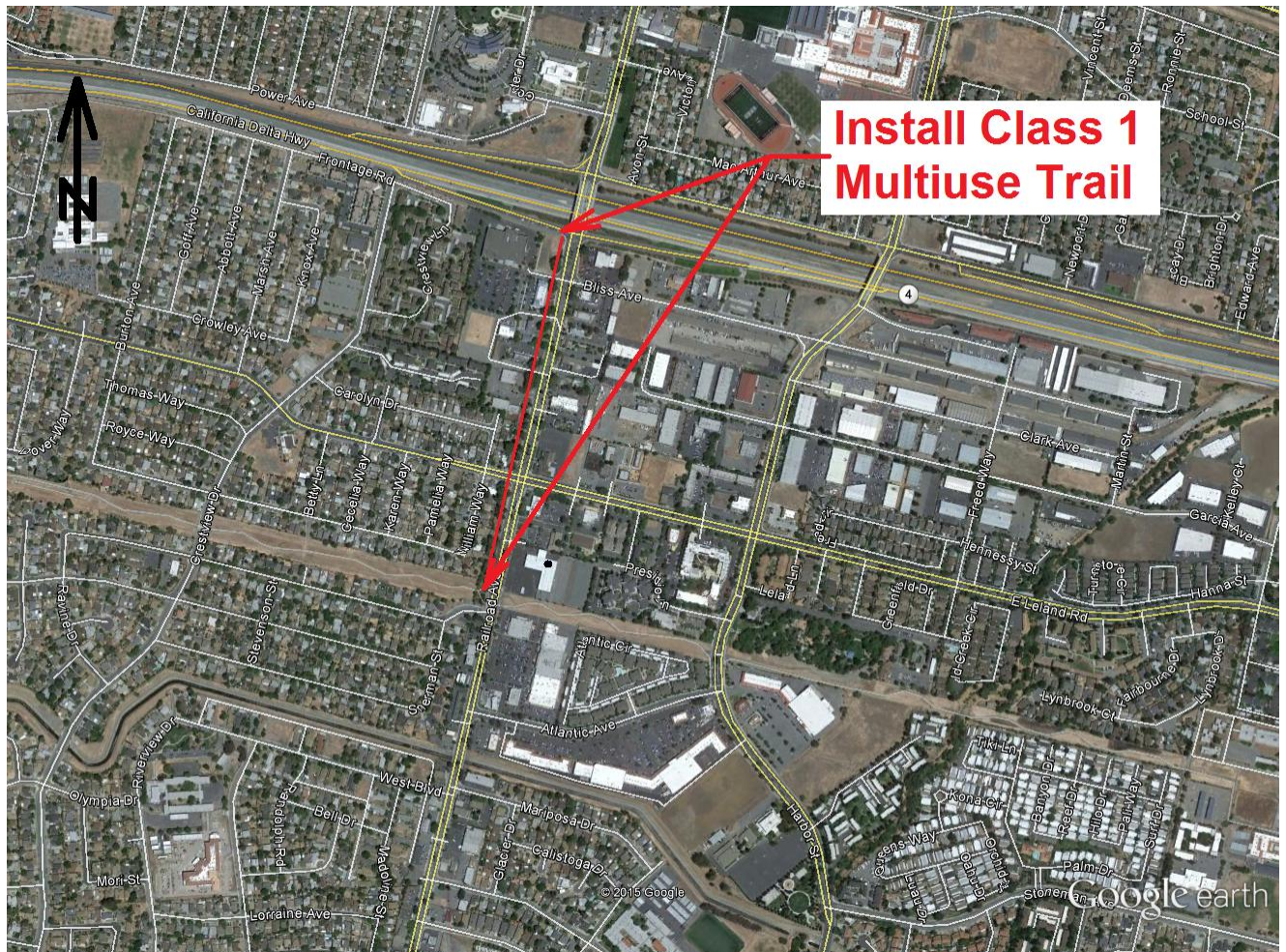
Project Limits:
State Route 4 at Range Road

Funding Sources

Eligible Funding Source: TMF
Identified Funding Source: None

Project Description:

This project includes planning, design and construction of an over-crossing on State Route 4 at Range Road. This project will significantly improve the level of service of the over-crossings at Railroad Avenue and Bailey Road. Project will accommodate bicycle facilities where appropriate.



ST-2: RAILROAD AVENUE CLASS 1 TRAIL

Project No.
TBD

Status:
Preliminary Design and Cost Estimate completed

Estimated Project Cost:
\$4,520,000

Project Limits:
Railroad Avenue from State Route 4 to Delta DeAnza Trail at Alvarado Avenue

Funding Sources
Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, PP, Grants
Identified Funding: OBAG2 Grant

Project Description:

Construct a concrete Class 1 trail along the west side of Railroad Avenue within existing City right-of-way, from the existing Delta De Anza Trail at Alvarado Avenue to State Route 4 freeway (approximately 2400 lf). 10-foot concrete trail will have minimum 1-foot graded shoulders. Project includes trail lighting, crosswalk treatments, modified driveways, a bus shelter, wayfinding and service information signage, as well as Landscaping and irrigation improvements.

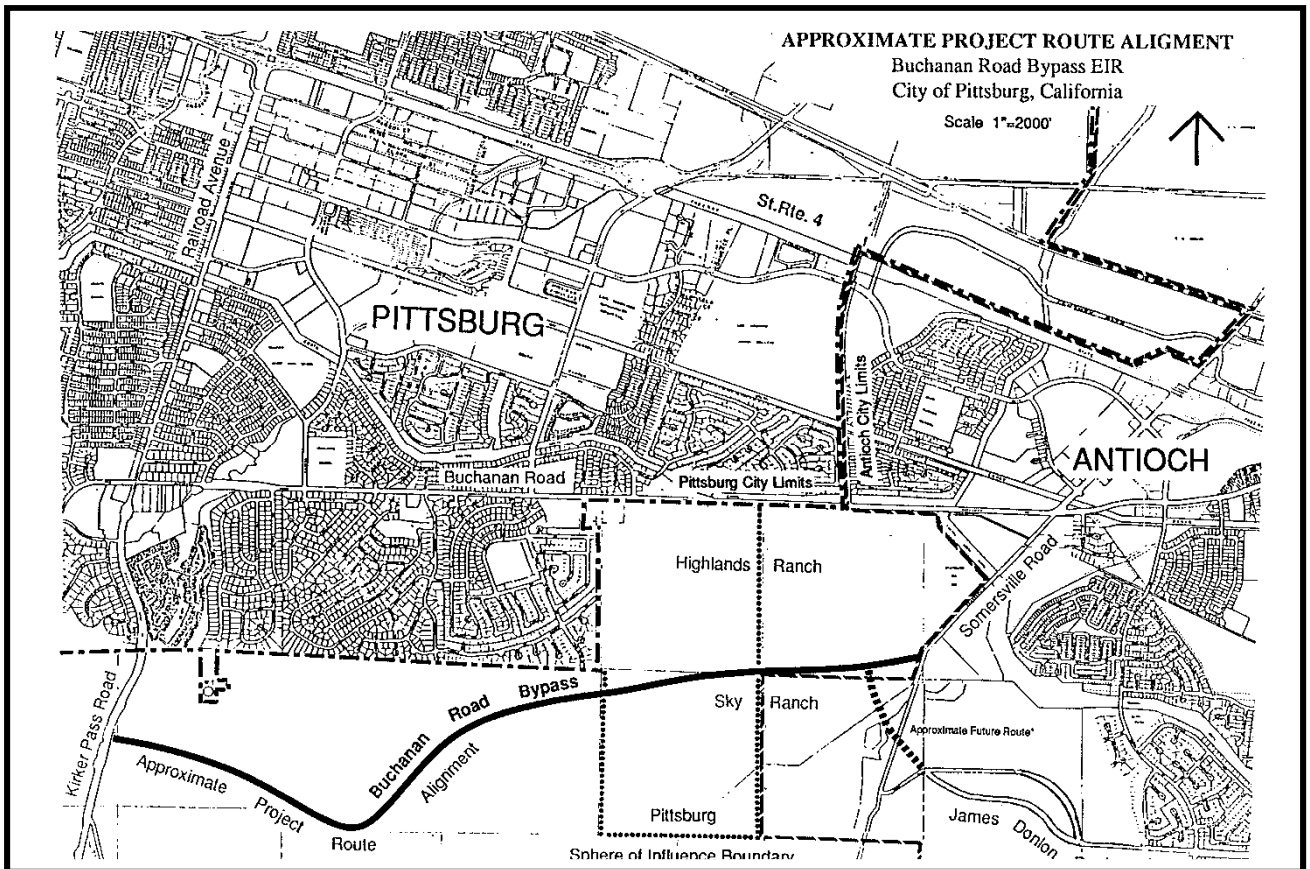


ST- 3: 2017/18 TRAFFIC CALMING PROJECTS

Project No.		Status:
TBD		Funded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$100,000 Gas Tax

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST-4: JAMES DONLON BOULEVARD EXTENSION (2 Lanes) PRELIMINARY ENGINEERING/STUDIES

Project No.
1997-05

Status:
Updating EIR

Estimated Project Cost:
\$4,000,000
(engineering/studies only)

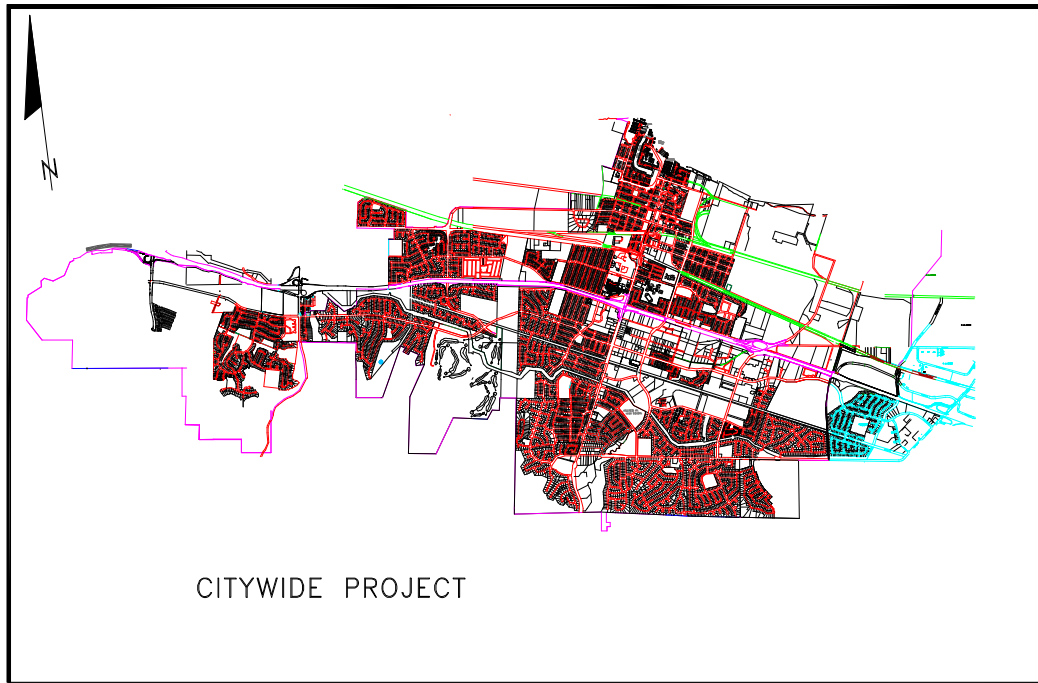
Project Limits:
South of the Existing City Limits between
Kirker Pass Road and Somersville Road

Funding Sources

Eligible Funding Source: Local TMF/Reg-TMF/Developer Contributions, Pittsburg Regional Traffic Mitigation Fund (PRTMF)
 Identified Funding Source: \$1,091,957 LTMF, \$518,043 PRTMF for Environmental Study

Project Description:

The project will provide preliminary engineering/studies to construct an east-west connection between East and Central County by adding a new link between Somersville Road and Kirker Pass Road. This roadway was previously known as the Buchanan Road Bypass. 2% TMF eligible.



ST-5: STREET MEDIAN/LANDSCAPING IMPROVEMENTS

Project No.
TBD

Status:
Evaluating needs.

Estimated Project Cost:
\$300,000

Project Limits:
Project locations TBD

Funding Sources:
Eligible Funding Source: TBD
Identified Funding Source: None

Project Description:

This project includes the construction of new street medians/landscaping in various locations throughout the City.



ST-6: BAILEY ROAD INTERIM REPAIRS

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$615,000

Project Limits:
West Leland Road to City Limit (1,600 feet south)

Funding Sources

Eligible Funding Source: Measure J, Keller Canyon Mitigation Funds
Identified Funding Source: \$615,000 Keller

Project Description:

This project will construct interim pavement rehabilitation on Bailey Road from West Leland Road to the City Limit Line approximately 1,600 feet south of West Leland Road. This project will be followed up by a full roadway rehabilitation several years later.



ST-8: POWER AVENUE CLASS I BIKE PATH

Project No.
TBD

Status:
Nearing Completion

Estimated Project Cost:
\$150,000

Project Limits:
Between Library/Civic Center and State Route 4,
from Davi Avenue to Railroad Avenue.

Funding Sources
Eligible Funding Source: Measure J
Identified Funding: 150,000 OBAG Grant

Project Description:

This project will design and construct a Class I bicycle and pedestrian path that connects Railroad Avenue and future BART station with Davi Avenue and Power Avenue to provide a safe and direct route to Civic Center and future BART station.



ST-9: INTERSECTION GEOMETRIC IMPROVEMENTS (SAN MARCO BOULEVARD & WEST LELAND ROAD)

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$125,000

Project Limits:
Along northbound San Marco Boulevard, between West Leland Road and SR 4 Westbound On-ramp.

Funding Sources
Eligible Funding Source: LTMF, Developer
Identified Funding: None

Project Description:

The project provides for geometric improvements along San Marco Boulevard northbound lanes, between West Leland Road and State Route 4 Eastbound On-ramp. The scope of work contemplated includes adding an auxiliary lane that would connect the free right-turn lane from westbound West Leland Road to the eastbound freeway on-ramp at State Route 4. It is intended that the geometry will accommodate Class 2 bike lanes. The improvements will add capacity along northbound San Marco Boulevard near the freeway interchange, provide for more efficient signal timing, improve intersection level of service, and reduce vehicle queuing on the westbound approach to San Marco Blvd./West Leland Rd. intersection, as well as along northbound San Marco Boulevard approaching State Route 4. The geometric improvements will require right-of-way acquisition from an undeveloped parcel along the east side of San Marco Blvd.



ST-10: EL PUEBLO AREA RECONSTRUCTION/ ADA IMPROVEMENTS

Project No.
2012-05B

Status:
Awaiting Funding

Estimated Project Cost:
\$300,000

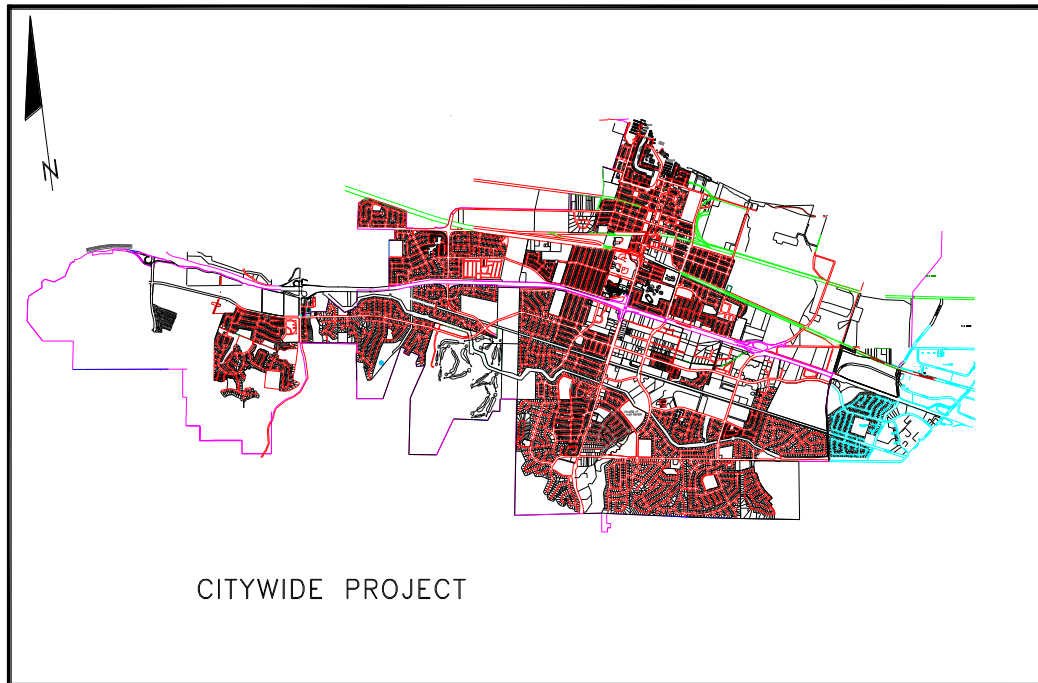
Project Limits:
Treatro Street, Del Tren Avenue, and Hermosa

Funding Sources:

Eligible Funding Source: County, Measure J, Gas Tax
Identified Funding: County

Project Description:

Reconstruction of the remaining streets in the El Pueblo Area including Treatro Street, Del Tren Avenue, and Hermosa. Project includes ADA and other pedestrian safety improvements.



ST-11: 2018/19 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

Status:
Awaiting Funding

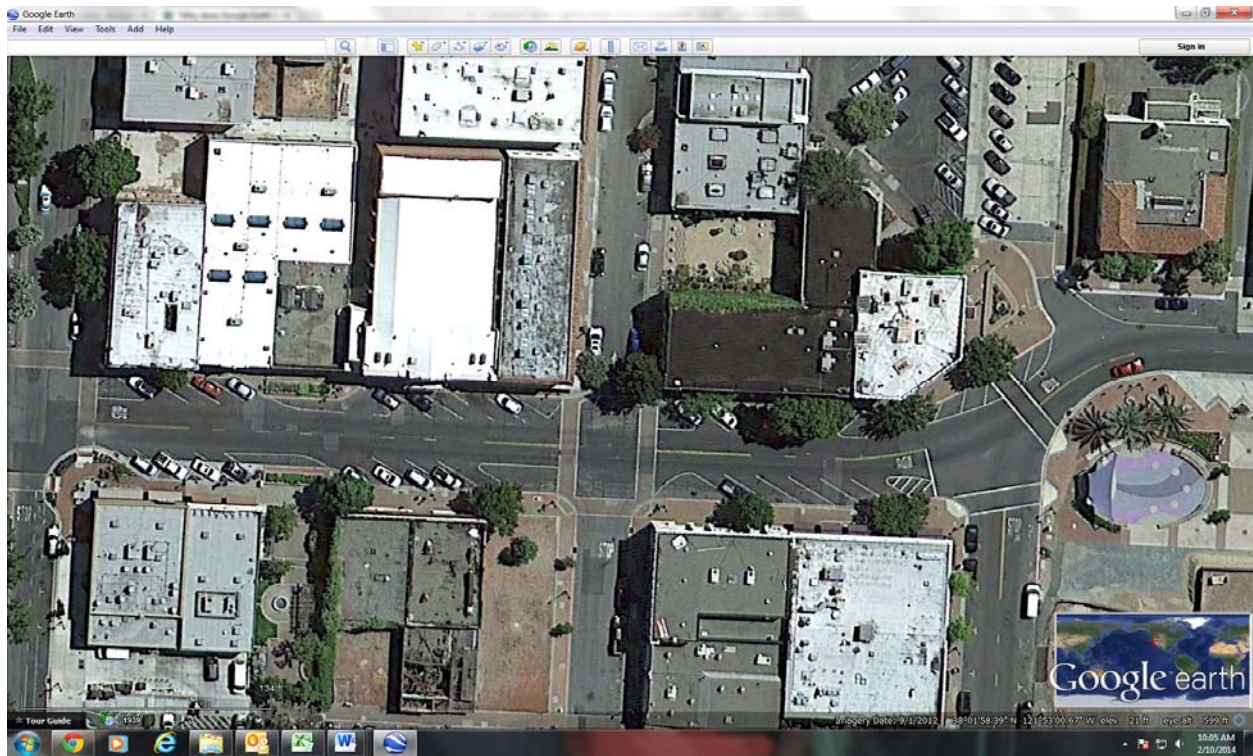
Estimated Project Cost:
\$1,149,450

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: RMRA \$1,149,450

Project Description:

This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.



ST-13 Railroad Avenue 3rd to 5th Street Sidewalk Improvement

Project No.
TBD

Status:
Partially funded

Estimated Project Cost:
\$500,000

Project Limits:
Railroad Avenue/3rd to 5th Street

Funding Sources:
\$222,000 IRRF

Project Description:

This project will replace the aging and deteriorating paver system in the downtown sidewalks with concrete and pavers at the corners of 3rd, 4th and 5th streets. The design should replicate the new sidewalks on 6th, 7th, and 8th streets.



ST-14: SEISMIC RETROFIT BRIDGE NO. 28C-0165 (Willow Pass Road)

Project No.
1998-04

Status:
In design

Estimated Project Cost:
\$900,000

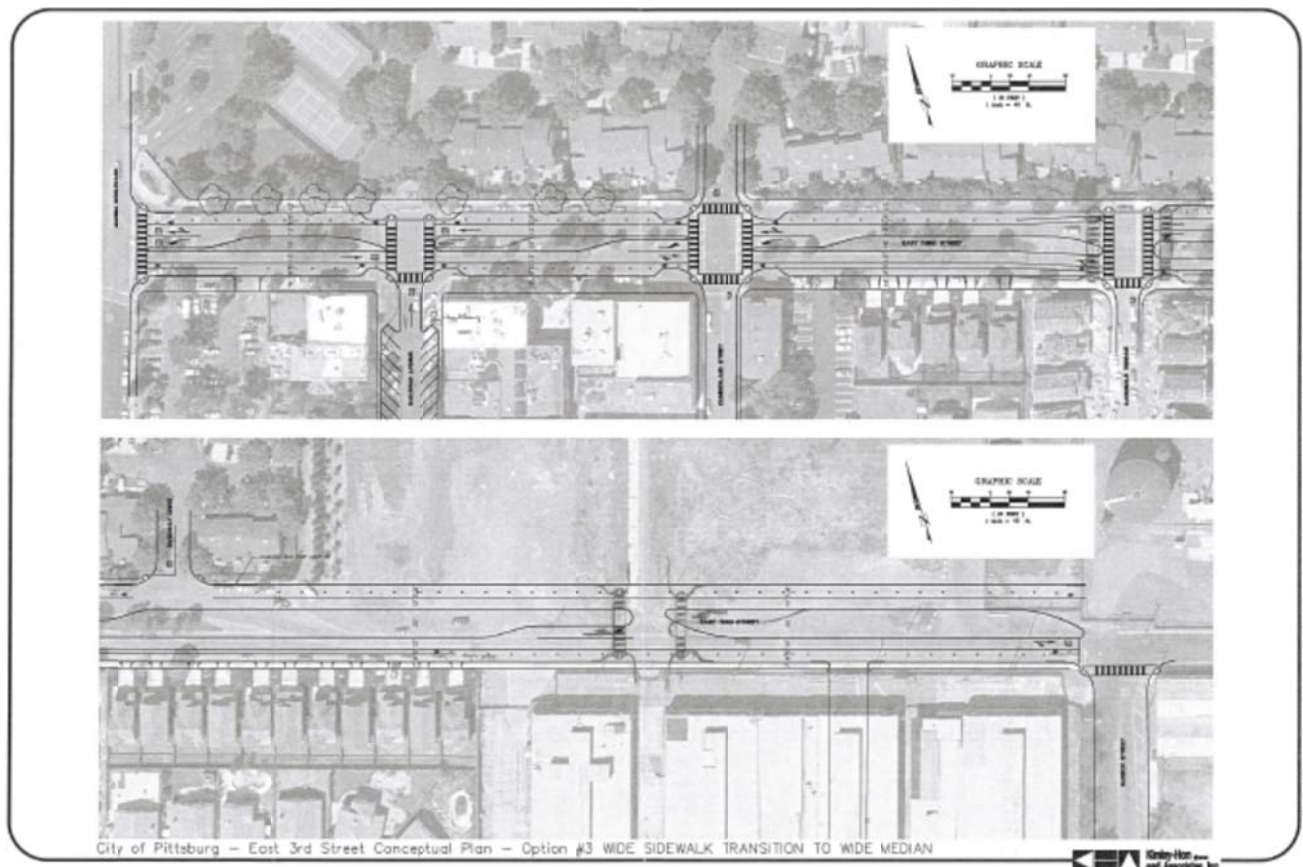
Project Limits:
Willow Pass Road over Range Road
connecting North Parkside Drive

Funding Sources

Eligible Funding Source: Local Bridge
Seismic Retrofit Funds
Identified Funding Source: \$796,600 federal
grant, \$57,400 Prop 1B grant, \$46,000 FRDA

Project Description:

This project will retrofit the existing bridge extending over Range Road/Willow Pass Road to withstand a greater seismic event.

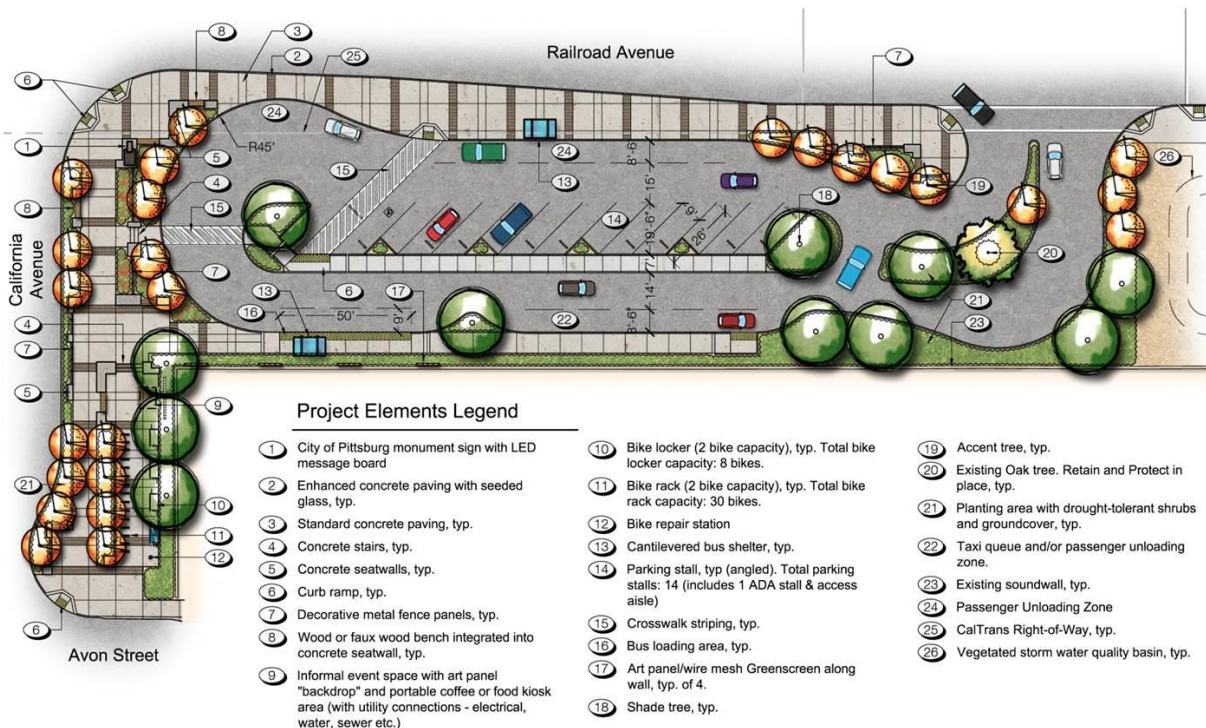


ST-15: EAST THIRD STREET STREETSCAPE IMPROVEMENTS

Project No.		Status:
TBD		Awaiting funding
Estimated Project Cost:		Project Limits:
\$1,000,000		East Third Street, from Marina Boulevard to Harbor Street
Operation and Maintenance		Funding Sources
TBD		Eligible Funding Source: OBAG, Measure J Identified Funding: none

Project Description:

This project will design and construct streetscape improvements along East Third Street. Portions of the roadway will need to be widened, while a “road diet” will be performed on other sections with a reduction from four through lanes, parking lanes and median to two through lanes, turning lanes, parking lanes and Class 2 bicycle lanes. Sidewalk will be widened and installed. Bus pull-outs and curb “bulb-outs” will also be included to enhance the area’s walkability and promote alternative modes of transportation.



ST-16: MULTIMODAL TRANSFER FACILITY BART STATION

Project No.		Status:
2013-19		Nearing Completion
Estimated Project Cost:		Project Limits:
\$3,787,000		Railroad Avenue from State Route 4 eastbound ramps intersection to Center Drive
Operation and Maintenance		Funding Sources
TBD		Eligible Funding Source: OBAG, Measure J Identified Funding: \$1,150,000 OBAG, \$377,000 Measure J, \$380,000 IRRF, \$1,580,000 PRTDM, \$300,000 LTMF

Project Description:

This project will design and construct a kiss-n-ride parking lot for BART patrons along the east side of Railroad Avenue between California Avenue and Center Drive. It will include drop-off and pick-up areas as well as angled parking stalls for motorists waiting for or dropping off transit riders. It will also include bicycle parking (racks and lockers) and a bus pull-out. The project will also design and construct walkway improvements from the kiss-n-ride lot to the eBART station platform entrance to be located midway along the east side of the Railroad Avenue SR4 overcrossing. Included with the Project will be a bicycle/pedestrian path from Power Avenue to Railroad Avenue along the Highway 4 right-of-way. The project will be designed to enhance the area's walkability and promote alternative modes of transportation.

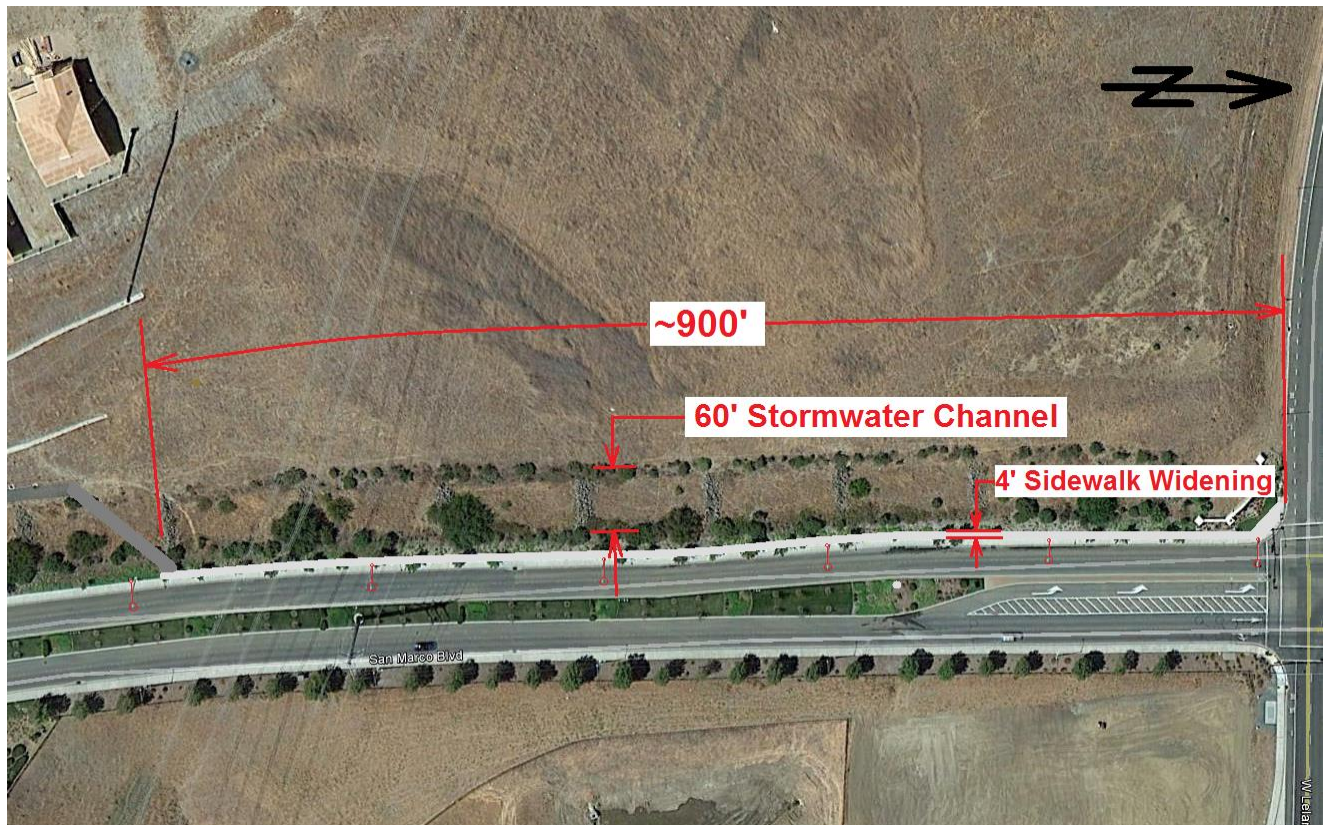


ST- 18: 2018/19 TRAFFIC CALMING PROJECT

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: HUTA, Measure J, SR2S, RMRA Identified Funding: \$100,000 HUTA

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff This will be managed through the Traffic Section of the Engineering Division.



ST-20: San Marco Boulevard Class 1 Trail

Project No.
TBD

Status:
Preliminary Design and Cost Estimate completed

Estimated Project Cost:
\$265,000

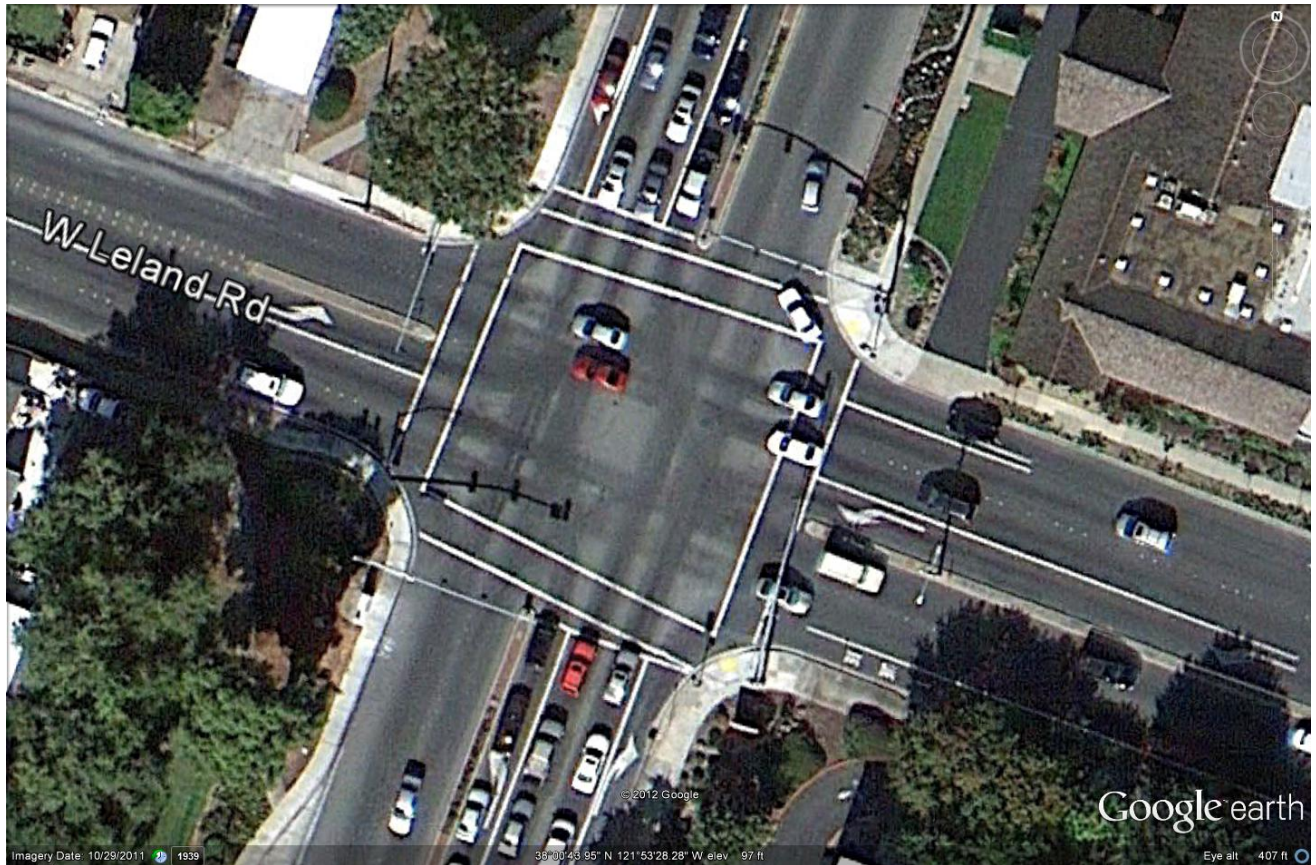
Project Limits:
San Marco Boulevard, between El Cajon Court to West Leland Road

Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, PP, Grants
Identified Funding: TDA \$120,000, \$132,500 Measure J

Project Description:

Construct a Class 1 trail along the west side of San Marco Boulevard within existing City right-of-way, from the existing Class 1 trail ending at El Cajon Court to West Leland Road (approximately 900 lf). Project includes a prefabricated bridge over small drainage watercourse. Staff is evaluating alternative alignments and features due to limited funding.



ST-21: RAILROAD AVENUE/LELAND ROAD GEOMETRIC IMPROVEMENTS

Project No.

Status:
TBD

Estimated Project Cost:
\$525,000

Project Limits:

Funding Sources

Eligible Funding Sources: grants, LTMF

Identified Funding Sources: None

Project Description:

The project would construct the following improvements to the Railroad Avenue / West Leland Road / East Leland Road intersection: 1.) an additional southbound left-turn lane on Railroad Avenue, and 2.) an eastbound right-turn lane on East Leland Road. These improvements will increase the intersection's capacity and improve its level of service.



ST-22: BAILEY ROAD/ROUTE 4 RAMP TURN LANE MODIFICATIONS

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$105,000

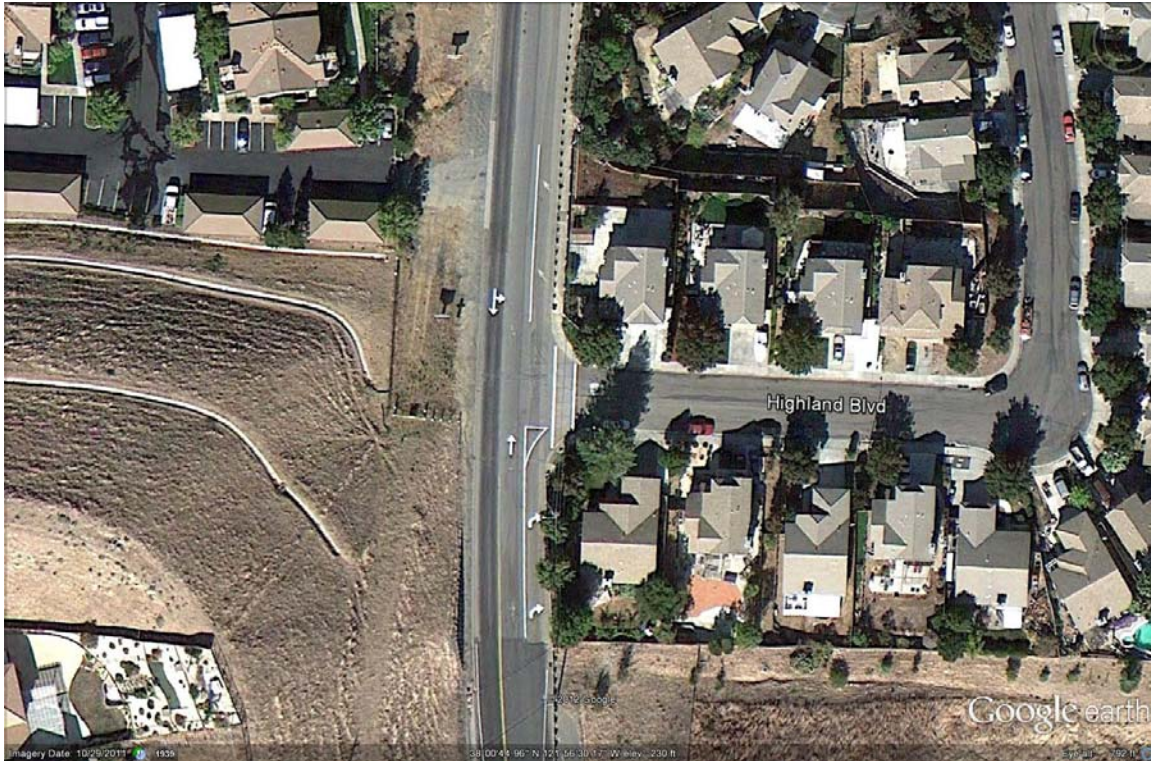
Project Limits:
Bailey Road State Route 4 Westbound Intersection

Funding Sources

Eligible Funding Source: TMF, Measure C, Developer
Identified Funding Source: None

Project Description:

Project will construct Geometric Improvements including median modifications to improve storage for left turns from northbound Bailey Road onto Route 4 westbound ramp. 85% TMF eligible.



ST-23: LEFT TURN LANE BAILEY ROAD/WILLOW AVENUE

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$200,000

Project Limits:
Bailey Road at the intersection of Willow Avenue

Funding Sources:

Eligible Funding Source: Measure J/
Developer
Identified Funding Source: None

Project Description:

This project will construct a left turn pocket on southbound Bailey Road at the intersection of Willow Avenue.



ST-25: REBUILD RANGE ROAD/WILLOW PASS ROAD INTERCHANGE

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$4,200,000

Project Limits:
Intersection of Range Road/Willow Pass Road

Funding Sources

Eligible Funding Source: TMF
Identified Funding Source: None

Project Description:

This project will construct a four-lane arterial roadway facility with associated turning lanes to replace the Willow Pass Road/Range Road/ North Parkside Drive interchange structure and provide for safer turning movements for vehicles moving between streets. Project will accommodate bicycle facilities where appropriate. 81% TMF eligible.

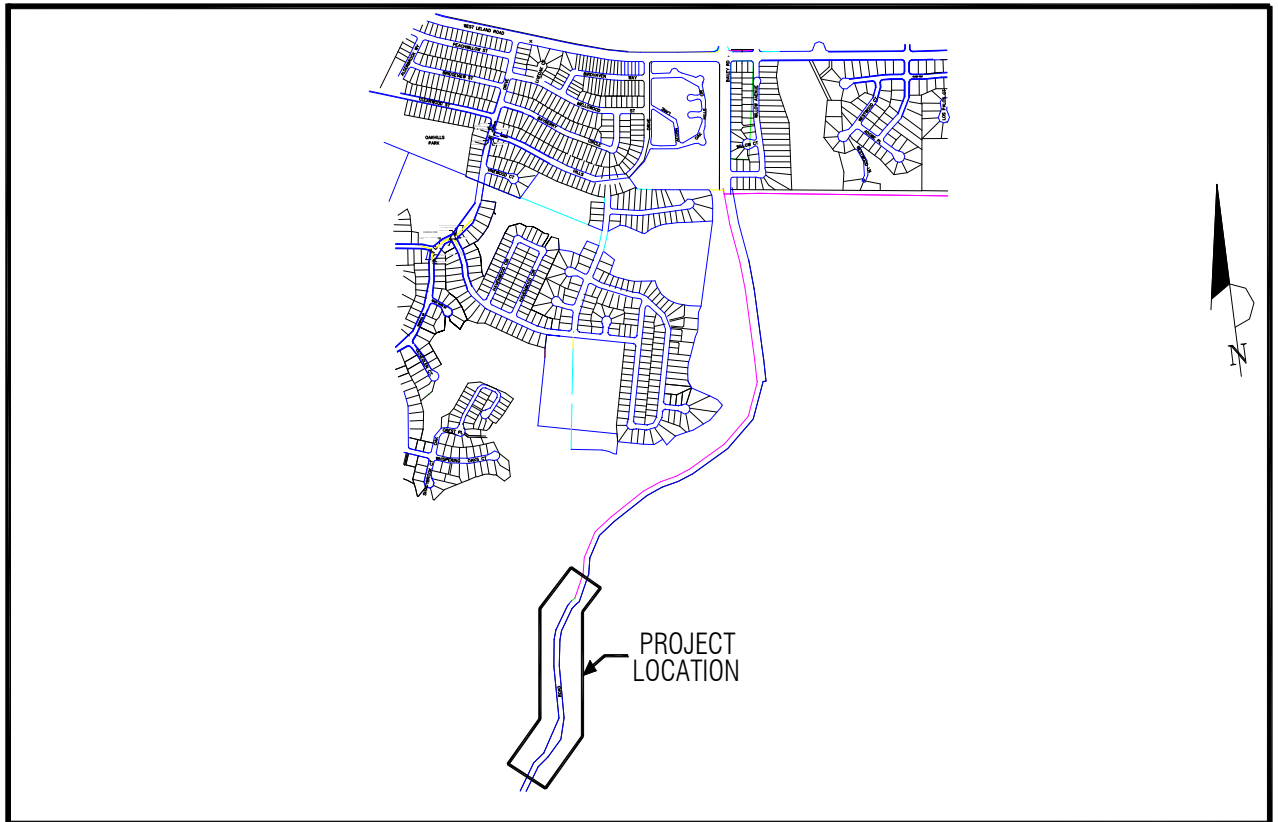


ST- 26: 2019/20 TRAFFIC CALMING PROJECT

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: HUTA, Measure J, SR2S, RMRA
		Identified Funding: \$100,000 HUTA

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST-27: BAILEY ROAD OPERATIONAL SAFETY IMPROVEMENTS

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$300,000

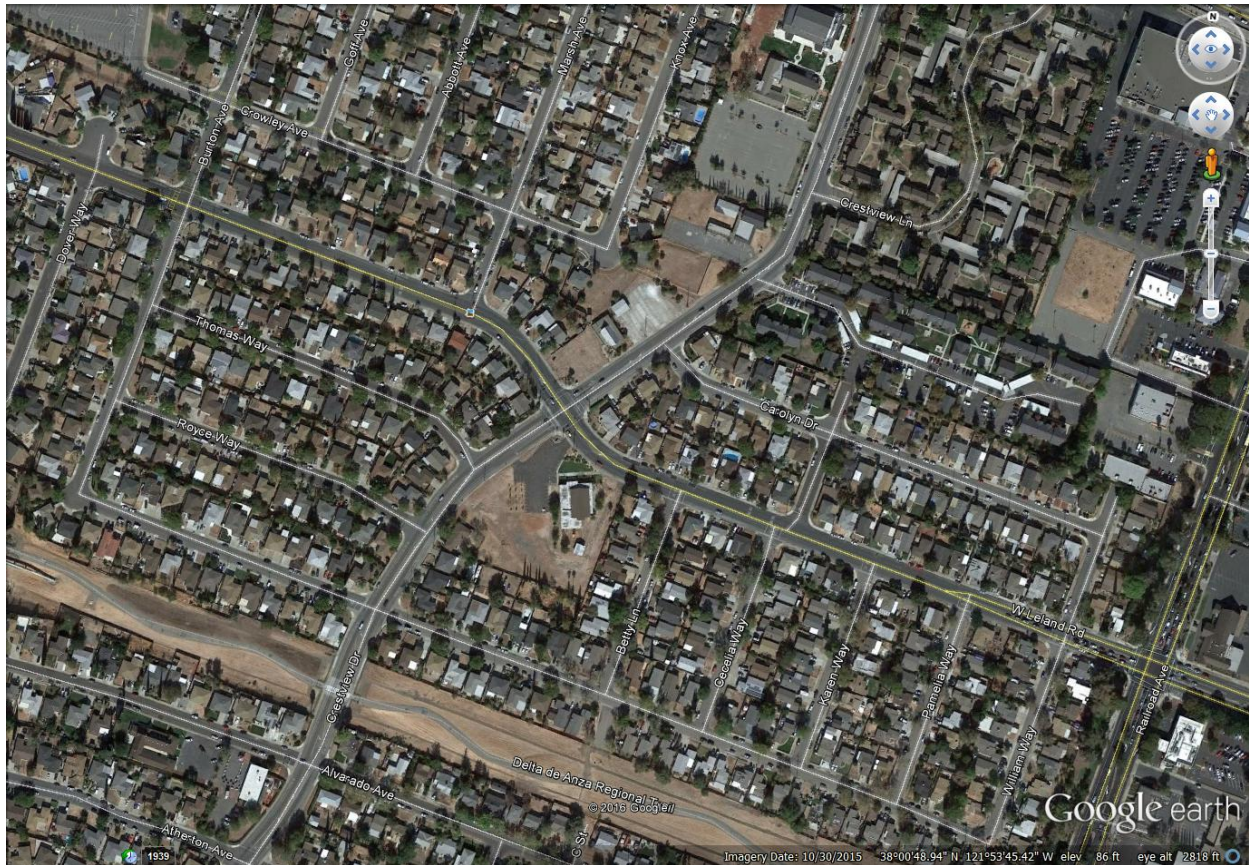
Project Limits:
City owned section of Bailey Road south of Willow Ave

Funding Sources

Eligible Funding Source: Measure J
Identified Funding Source: None

Project Description:

This project will provide safety improvement, including pavement rehabilitation, restriping and shoulder improvements, to the City owned southern portion of Bailey Road between Concord and Keller Canyon Landfill.



ST-28: WEST LELAND STREET LIGHTING PROJECT (RAILROAD AVENUE TO BURTON AVENUE)

Project No.
2016-03

Status:
In Design

Estimated Project Cost:
\$735,000

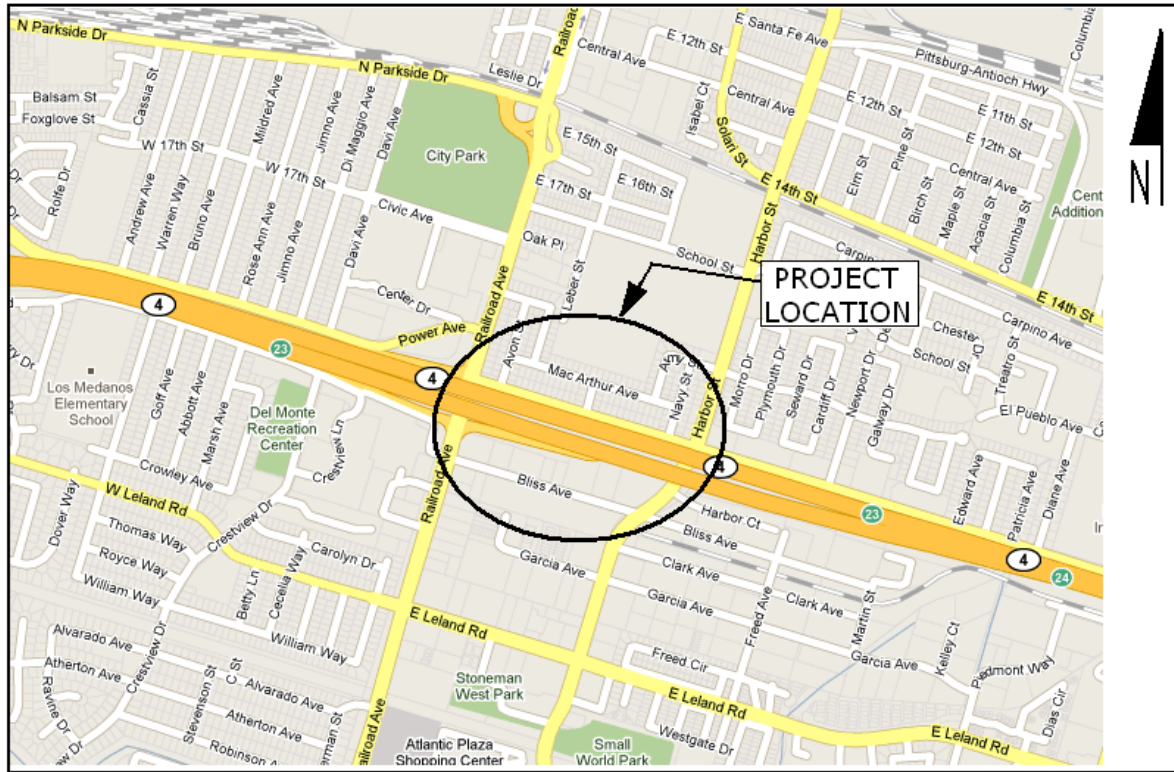
Project Limits: W. Leland Road from Railroad Avenue to Burton Avenue

Funding Sources

Eligible Funding Sources: Measure J, Gas Tax,
Identified Funding Sources: Gas Tax, FRDA

Project Description:

The project will install conduits and street lighting along West Leland Road from Railroad Avenue to Burton Avenue. This project is necessary to replace street lights that will be removed during the underground utility project currently underway by PG&E. The new street lighting will provide lighting levels that are up to current standards.



ST-29: WESTBOUND HWY. 4 OFFRAMP AT RAILROAD AVENUE

Project No.
TBD

Status:
Unfunded

Estimated Project Cost:
\$12,100,000

Project Limits:
Railroad Avenue at Hwy 4, California Avenue
between Harbor Street and Railroad Avenue

Funding Sources:

Eligible Funding Source: TBD
Identified Funding Source: None

Project Description:

This project includes planning, design and construction of a westbound off-ramp on State Route 4 at Railroad Avenue. A traffic analysis is needed to address impacts on traffic patterns along California Avenue, Harbor Street and Railroad Avenue.



ST-30: EAST LELAND/LOS MEDANOS COLLEGE (EASTERN ENTRANCE)

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$420,000

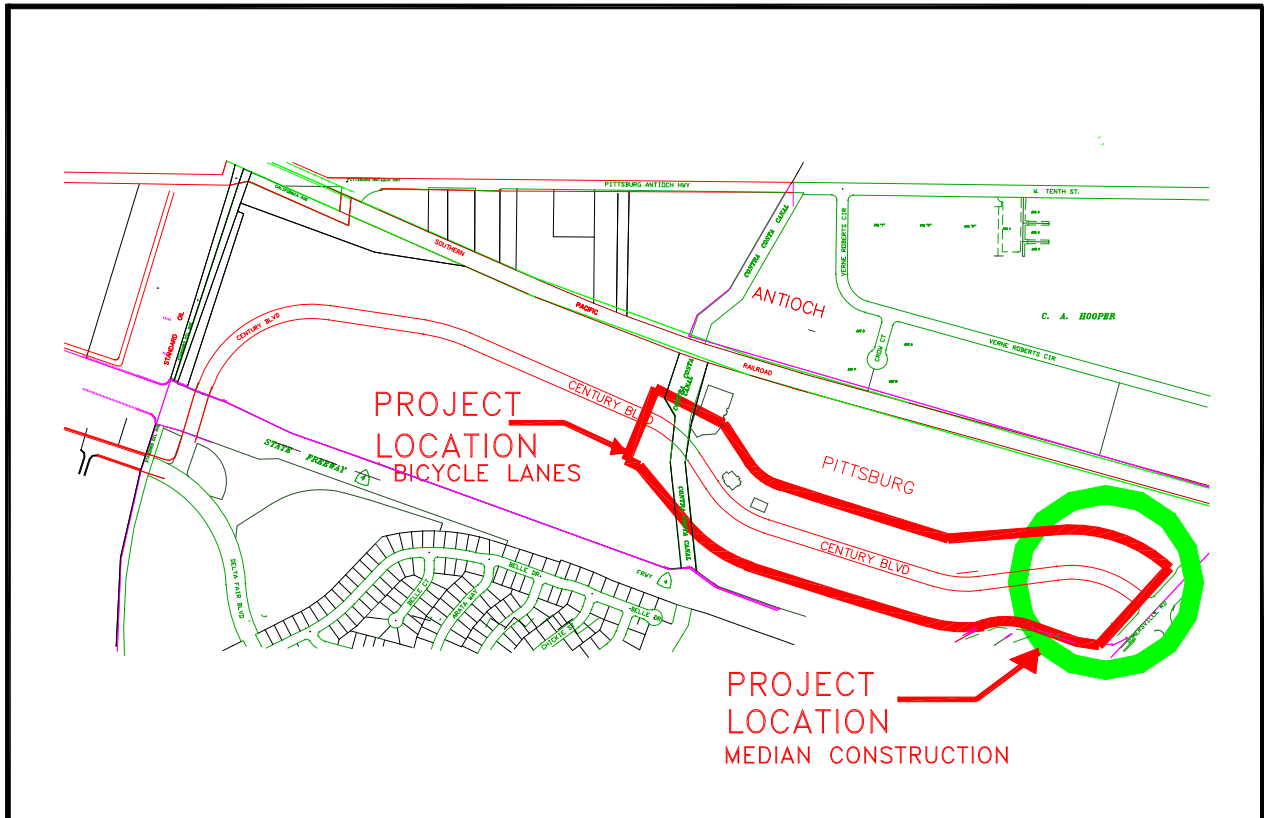
Project Limits:
East Leland Road at LMC Eastern
Exit/Century Blvd.

Funding Sources:

Eligible Funding Source: Measure J
/Developer /LTMF
Identified Funding Source:

Project Description:

This project will increase the length of the left turn pocket on eastbound East Leland Road at Century Blvd. This project is expected to decrease the length of the queue backing-up in the number one lane and provide eastbound vehicles added safety entering/exiting the Los Medanos driveway. Partial funding has been identified as mitigation to development on Century Blvd. 72% TMF eligible.



ST-31: CENTURY BOULEVARD CLASS III BICYCLE FACILITY

Project No.

TBD

Status:

Awaiting funds

Estimated Project Cost:

\$ 60,000

Project Limits:

Century Blvd from Somersville Road to Contra Costa Canal

Funding Sources

Eligible Funding: Measure J, Prop. 42

Identified Funding: none

Project Description:

This project will re-stripe Century Boulevard from the city limits at Auto Center Drive to the Los Medanos Wasteway, to provide a Class III bicycle facility. The project will restripe this section of Century Blvd to provide two 11' through lanes and a 4' shoulder instead.



ST-32 : Century Boulevard Class 2 Bicycle Lanes

Project No.
TBD

Status:
None

Estimated Project Cost:
\$75,000

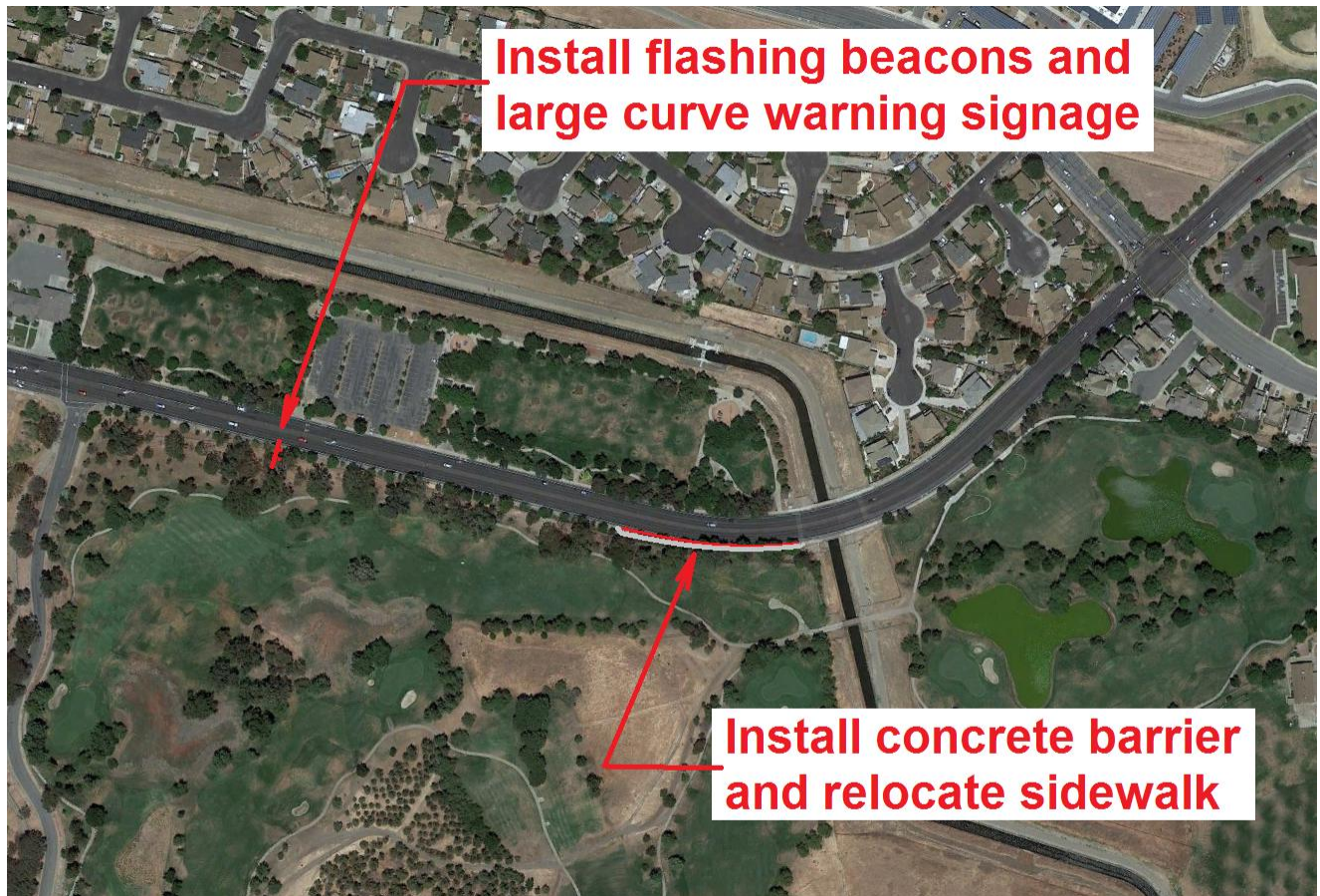
Project Limits:
On both sides of Century Boulevard, from the State Route 4 freeway undercrossing to NorthPark Boulevard.

Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, PP, Grants
Identified Funding: none

Project Description:

This project will widen Century Boulevard to accommodate Class 2 bike lanes in both directions, from State Route 4 freeway undercrossing to NorthPark Boulevard (approximately 480 lf).



ST-34: WEST LELAND ROAD SAFETY IMPROVEMENTS

Project No.
TBD

Status:
None

Estimated Project Cost:
\$150,000

Project Limits:
West Leland Road from John Henry Johnson
Parkway to Range Road

Funding Sources
Eligible Funding Sources: Gas Tax, Measure J,
IRRF, IE, PP, Grants
Identified Funding: none

Project Description:

To prevent errant eastbound vehicles from entering the Contra Costa Canal, construct a concrete barrier along the south side of West Leland Road in front of golf course prior to and along curve to the left (approximately 300 lf.), relocate existing sidewalk behind concrete barrier, install large curve warning signage with flashing beacons facing eastbound traffic prior to curve, and restripe center median markings with Detail 23 (markers) on top of Detail 21 (thermoplastic). This project was part of a recommendation by the City's Traffic Committee.

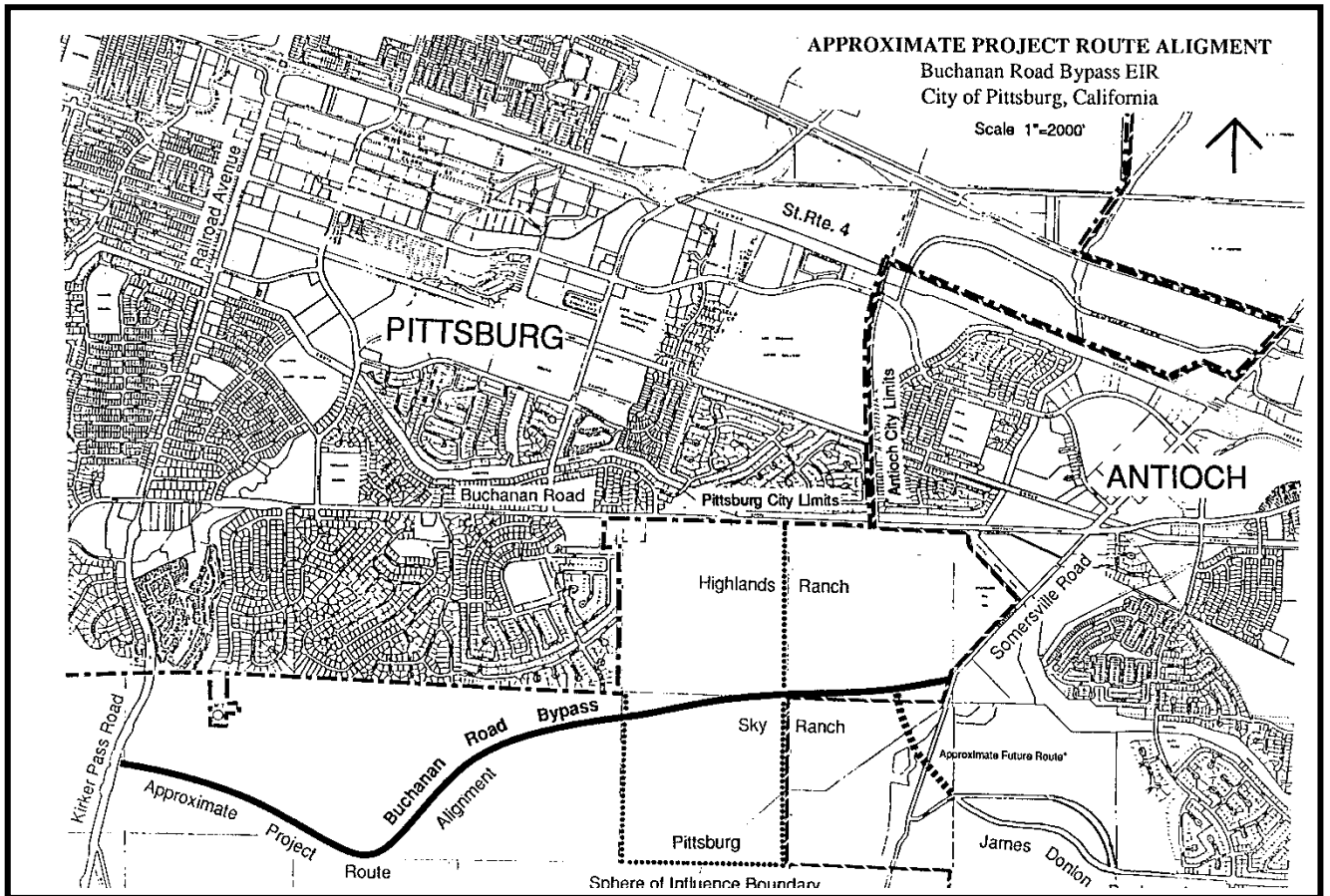


ST- 35: 2020/21 TRAFFIC CALMING PROJECT

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: HUTA, Measure J, SR2S, RMRA
		Identified Funding: \$100,000 HUTA

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST-36: JAMES DONLON EXTENSION (2 Lanes) DESIGN AND CONSTRUCTION

Project No.
TBD

Status:
Completing environmental studies.

Estimated Project Cost:
\$37,617,000

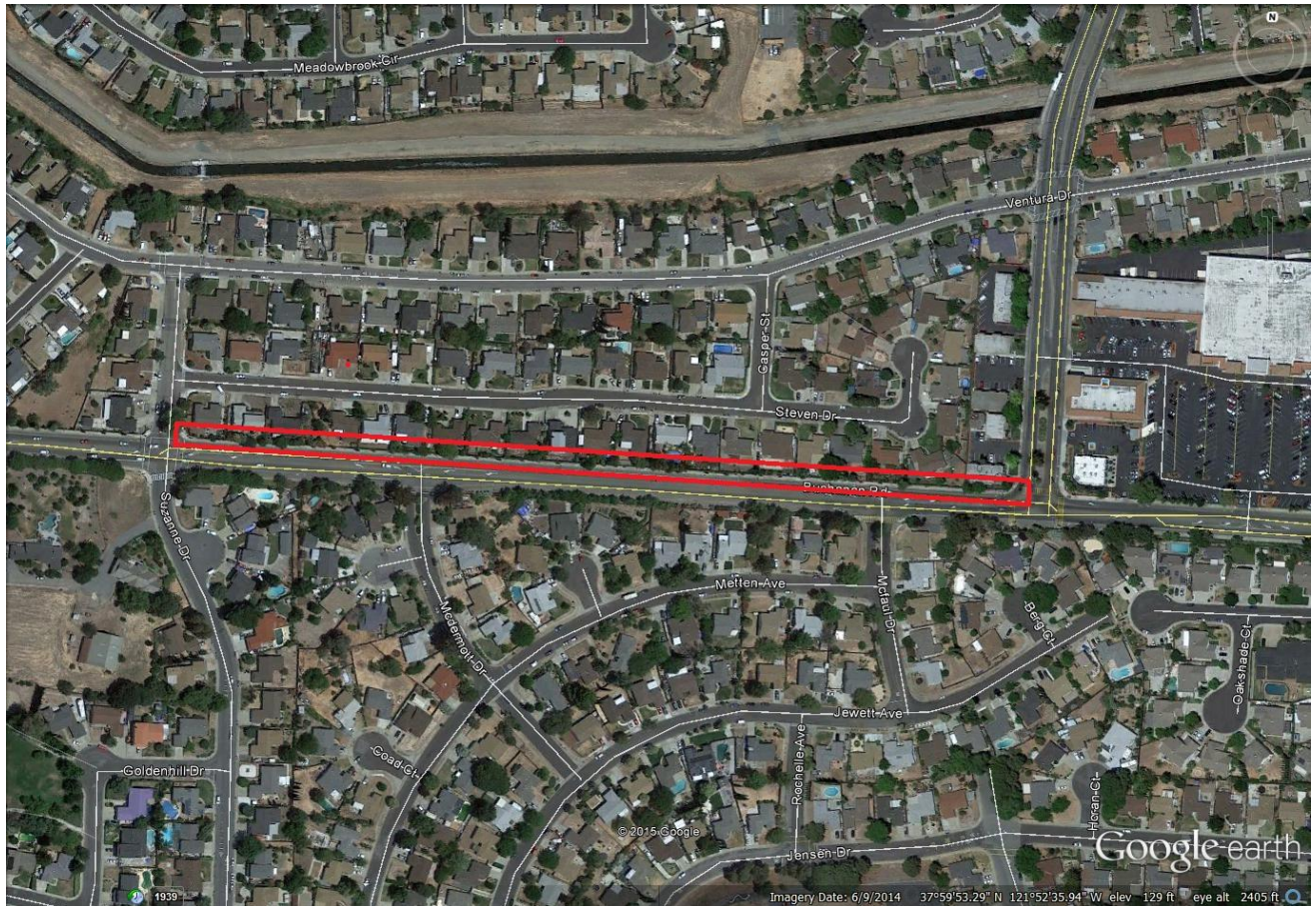
Project Limits:
Eastern city limits to Kirker Pass Road

Funding Sources:

Eligible Funding Source: TMF, Regional TMF/
 PRTDIM/Developer/Measure J
 Identified Funding Source:

Project Description:

The project will design and construct an additional east-west connection between East and Central County by adding a new link between Somersville Road and Kirker Pass Road. The new roadway, formerly known as the Buchanan Road Bypass, will relieve congestion and other future travel demand on Buchanan Road. 2% TMF eligible.



ST-37: BUCHANAN ROAD SIDEWALK REPLACEMENT PHASE III (Suzanne Drive to Loveridge Road)

Project No.
TBD

Status:
Fully funded, Bidding

Estimated Project Cost:
\$178,671

Project Limits:
North side of Buchanan Road from Suzanne Drive to Loveridge Road)

Funding Sources
Eligible Funding Sources: Gas Tax, Measure J, IRRF, Grants
Identified Funding: \$178,671 CDBG

Project Description:

This is the final segment to reconstruct the sidewalk, curb, and gutter along the north side of Buchanan Road from Harbor Street to Loveridge Road.

Sufficient grant funds were awarded to be able to construct several curb ramps near Foothill Elementary School. The number of ramps constructed will depend upon bid prices received.



ST-38: WEST LELAND ROAD PAVEMENT MARKERS/MARKINGS AND SPEED SIGNAGE IMPROVEMENTS

Project No.
TBD

Status:
Design Proposals Received

Estimated Project Cost:
\$376,800

Project Limits:
West Leland Road, from Railroad Avenue to Montevideo Drive

Funding Sources
Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, and Grants
Identified Funding: HSIP \$376,800 (100%)

Project Description:

Install highly reflective thermoplastic double yellow 4 inch centerline stripes with rumble stripes between Pamela Way and Montevideo Drive. Thermoplastic centerline stripes to be enhanced by placing reflective markers on top of the thermoplastic striping. Two Way Left Turn Lanes (TWLTL), east of Montevideo, may be omitted from project.

Install six (6) driver speed feedback signage at locations prior to horizontal curves.



ST-39: STATE ROUTE 4 ADA PATHWAY IMPROVEMENTS

Project No.

TBD

Status:

Being studied

Estimated Project Cost:

\$400,000

Project Limits:

South side of SR 4 from Railroad Ave. (at the eastbound on-ramp) to Bliss Avenue Park-n-Ride Parking Lot

Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, and Grants

Identified Funding: OBAG-2 Grant

Project Description:

Construct a minimum 6 foot wide, approximately 970-foot long, paved pathway that is accessible for the disabled (complies with the American Disability Act). This pathway will complement pedestrian travel between the BART Park-n-Ride Lot, located on the north side of Bliss Avenue, and the proposed BART Center station located on State Route 4 median at Railroad Avenue.



ST-40: VEHICULAR PARKING IMPROVEMENTS FOR BART CENTER STATION

Project No.
TBD

Status:
Being studied

Estimated Project Cost:
\$360,000

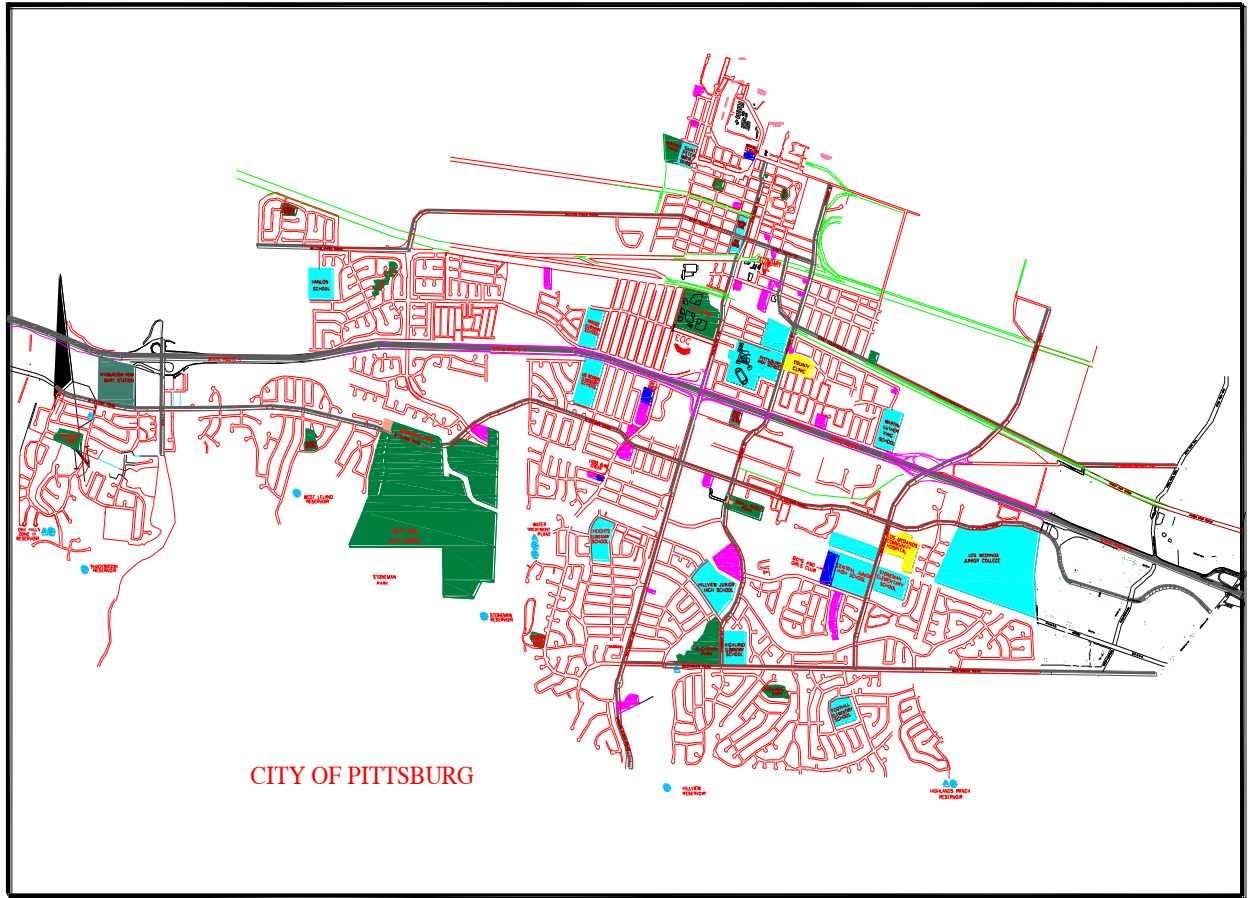
Project Limits:
North side of SR 4 from Avon Street to Navy Street

Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, and Grants
Identified Funding: OBAG-2 Grant

Project Description:

Construct parallel, paved and marked parking stalls along the south side of California Avenue, from Avon Street to Navy Street (approximately 180 lf), with a sufficient parallel aisle width to allow for vehicles to fully pull out of the travelled way on California Avenue and maneuver their vehicles into marked parking stalls. These parking stalls will complement the available parking in the area for the proposed BART Center Station, located on the State Route 4 median at Railroad Avenue.



ST-41: CITYWIDE FENCE/SOUNDWALL REPLACEMENT PROJECT

Project No.
TBD

Status:
Funded

Estimated Project Cost:
\$50,000 Annually

Project Limits:
Various locations citywide

Funding Sources

Eligible Funding Source: Measure J, HUTA, RMRA

Identified Funding Source: \$50,000 HUTA

Project Description:

The City has installed additional fencing in the City including specialty more costly fencing. In addition to fencing there are several soundwalls that are City maintained that have been damaged or have reached the end of their useful lifespan and are in need of replacement. This annual project will replace old or damaged fencing and soundwalls throughout the City.



ST-42: WEST LELAND ROAD HIGH FRICTION SURFACE TREATMENT

Project No.
TBD

Status:
Design Proposals Received

Estimated Project Cost:
\$608,800

Project Limits:
West Leland Road, from Railroad Avenue to Montevideo Drive

Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, and Grants
Identified Funding: HSIP \$547,920 (grant), \$60,880 Gas Tax

Project Description:

Install High Friction Surface Treatment (FST) at five (5) locations:

- 1.) Intersection approaches to West Leland Road/Bailey Road
- 2.) Intersection approaches to West Leland Road/Railroad Avenue
- 3.) Horizontal curve between Marsh Avenue and Crestview Avenue
- 4.) Horizontal curve ~900' west of West Leland Road/Range Road intersection
- 5.) Horizontal curve west of West Leland Road/Dover Way.



ST-43: WEST LELAND ROAD PAVEMENT DELINEATION, WARNING SIGNAGE, HIGH VISIBILITY CROSSWALK IMPROVEMENTS AND TRAFFIC SIGNAL MODIFICATION AT RANGE ROAD

Project No.
TBD

Status:
Design Proposals Received

Estimated Project Cost:
\$265,900

Project Limits:
West Leland Road, from Railroad Avenue to Bailey Road

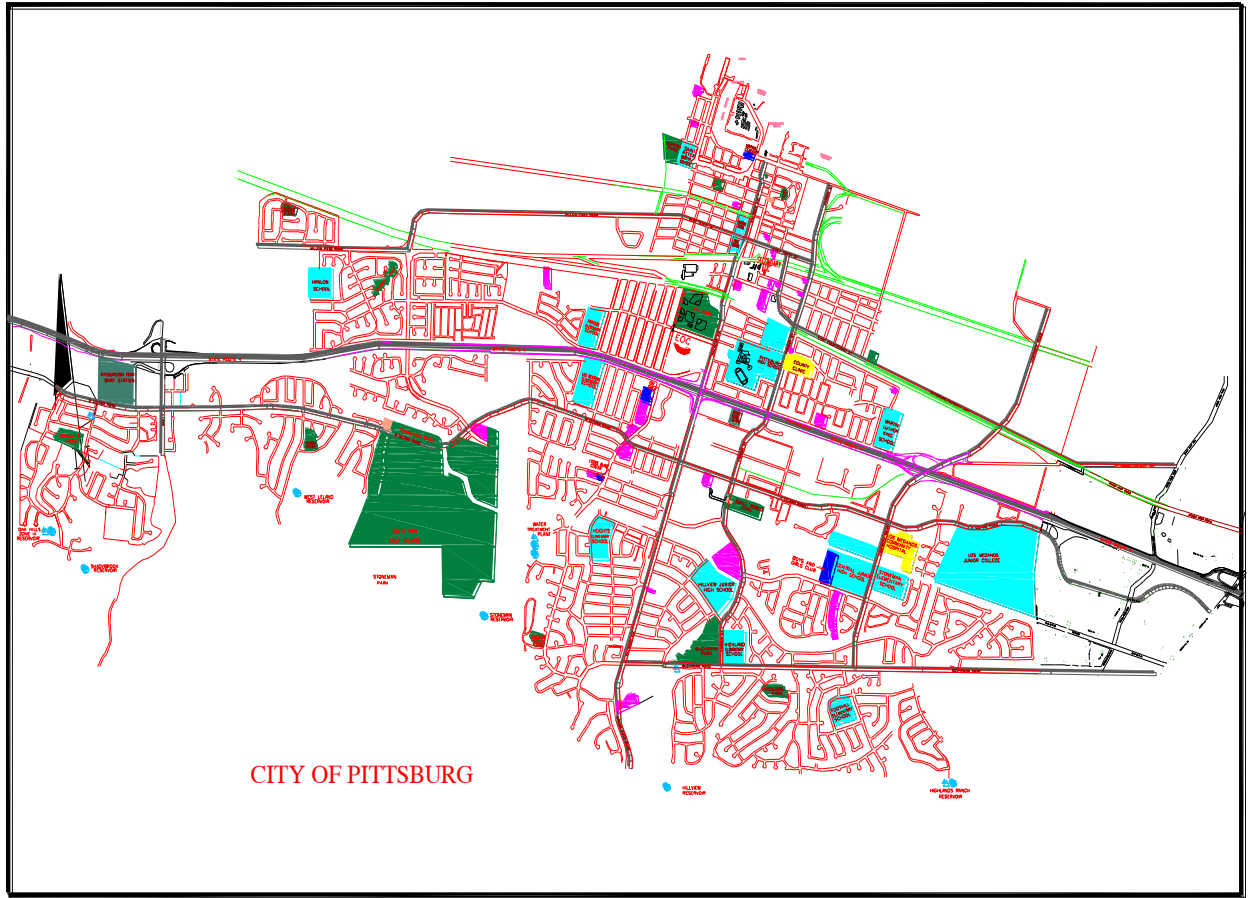
Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, and Grants
Identified Funding: HSIP \$265,900 (100%)

Project Description:

Install raised pavement markers and reflectors through intersections to ensure proper lane usage. Install warning signage and reflectors at horizontal curves. Replace existing marked crosswalks with high visibility crosswalks, including advance STOP bars (limit lines).

Modify existing traffic signal system at West Leland Road/Range Road/Golf Club Road intersection by adding a left-turn phase for the Range Road approach.



ST-44: CITYWIDE SIDEWALK REPLACEMENT PROJECT

Project No.
TBD

Status:
unfunded

Estimated Project Cost:
\$85,000

Project Limits:
Various locations citywide

Funding Sources

Eligible Funding Source: Measure J
Identified Funding Source:

Project Description:

Lifted and Damaged sidewalk is a continual issue throughout the City each year. This annual project will replace damaged sidewalk and reduce trip hazards throughout the City.



ST- 45: 2021/22 TRAFFIC CALMING PROJECT

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: HUTA, Measure J, SR2S, RMRA
		Identified Funding: \$100,000 HUTA

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.

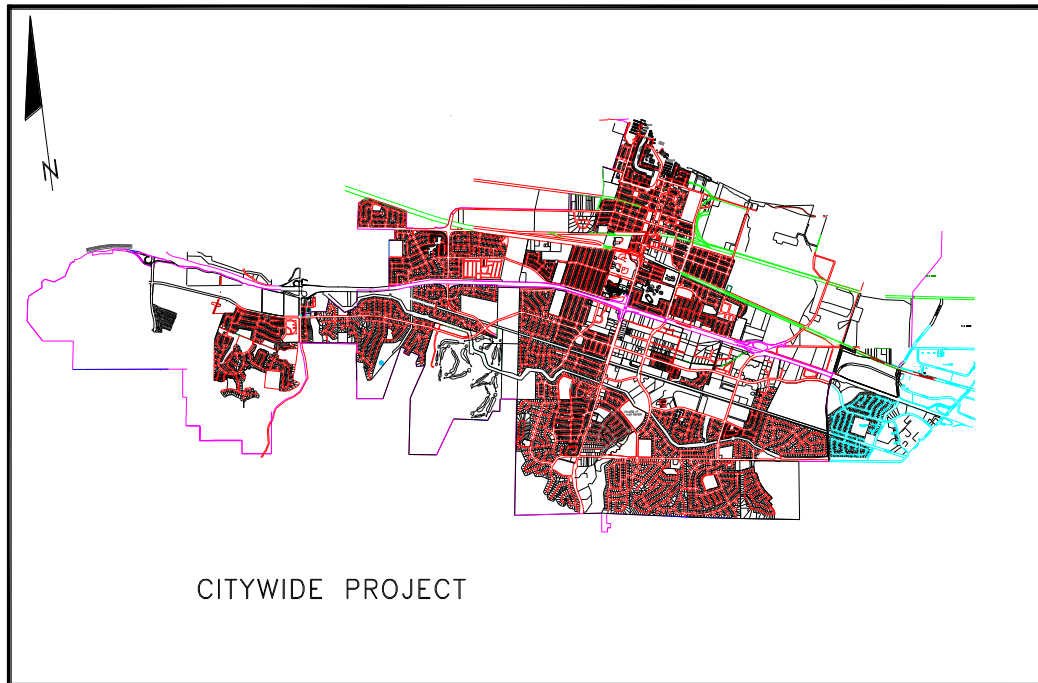


ST- 46: BART STATION PARKING STRATEGY AND SIGNAGE

Project No.		Status:
TBD		Requesting funding
Estimated Project Cost:		Project Limits:
\$100,000		BART station area and potentially other areas of the City
Operation and Maintenance		Funding Sources
TBD		Eligible Funding Source: Measure J, Gas Tax Identified Funding: \$100,000 Gas Tax

Project Description:

This project will provide for informational and directional signage for the new BART station at Railroad Avenue and signage for designated parking areas.



ST-47: 2020/21 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

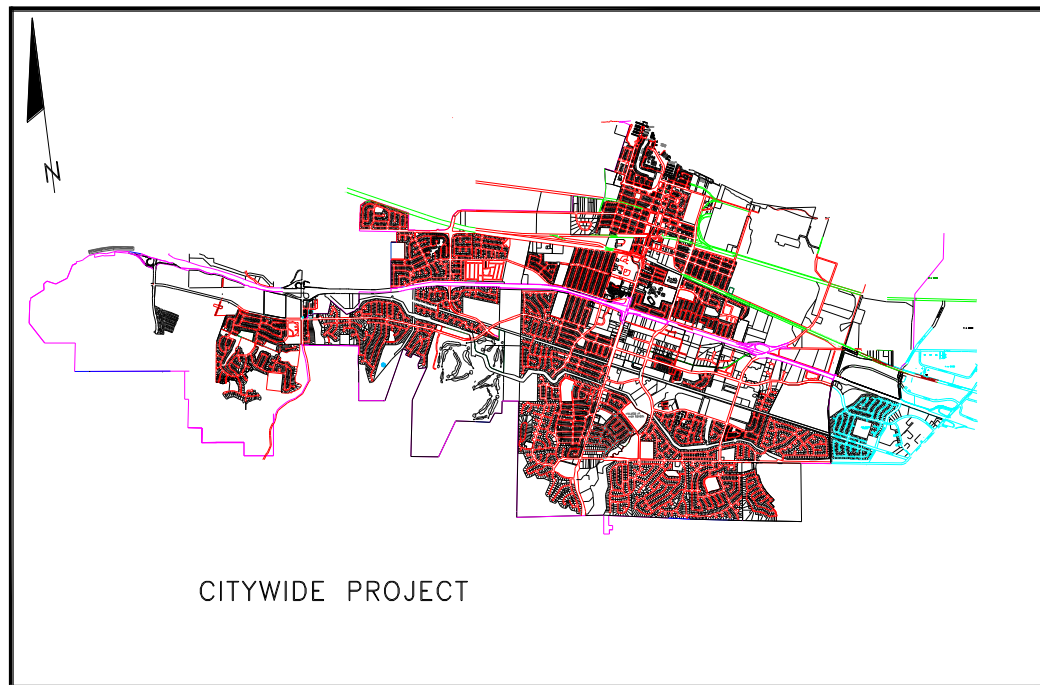
Status:
Awaiting Funding

Estimated Project Cost:
\$1,200,000

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: \$1,195,888
RMRA, \$4,112 HUTA

Project Description:
This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.



ST-48: 2021/22 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

Status:
Awaiting Funding

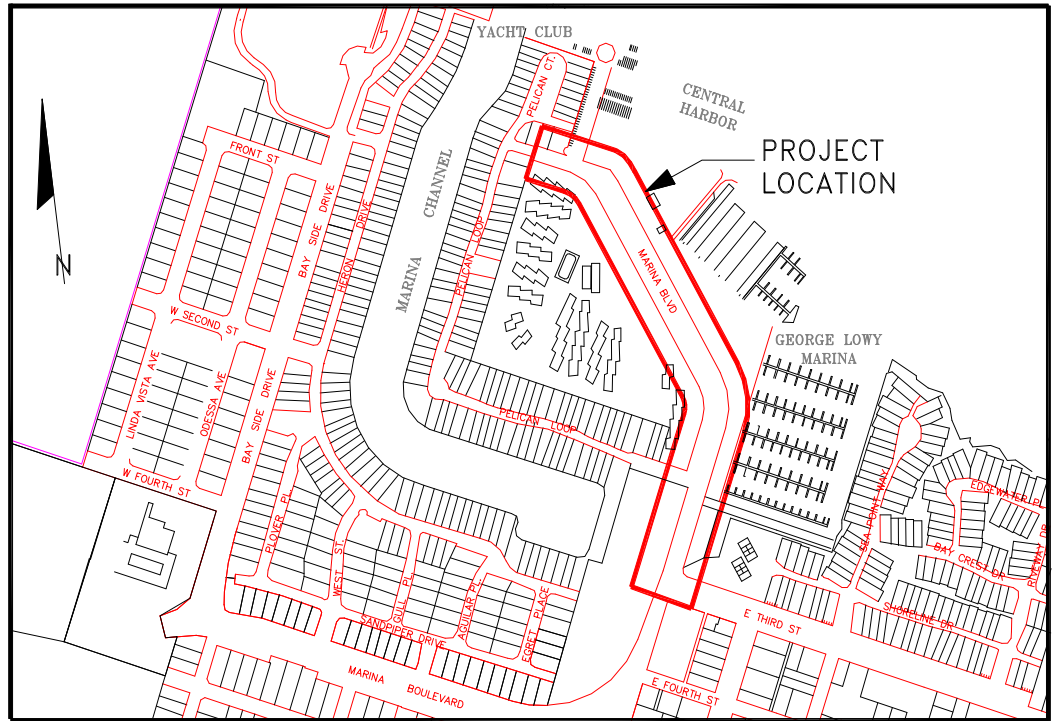
Estimated Project Cost:
\$1,300,000

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: \$1,219,805
RMRA, \$80,195 HUTA

Project Description:

This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.



ST-49: MARINA BOULEVARD IMPROVEMENTS (Marina Master Plan Phase III)

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$1,300,200

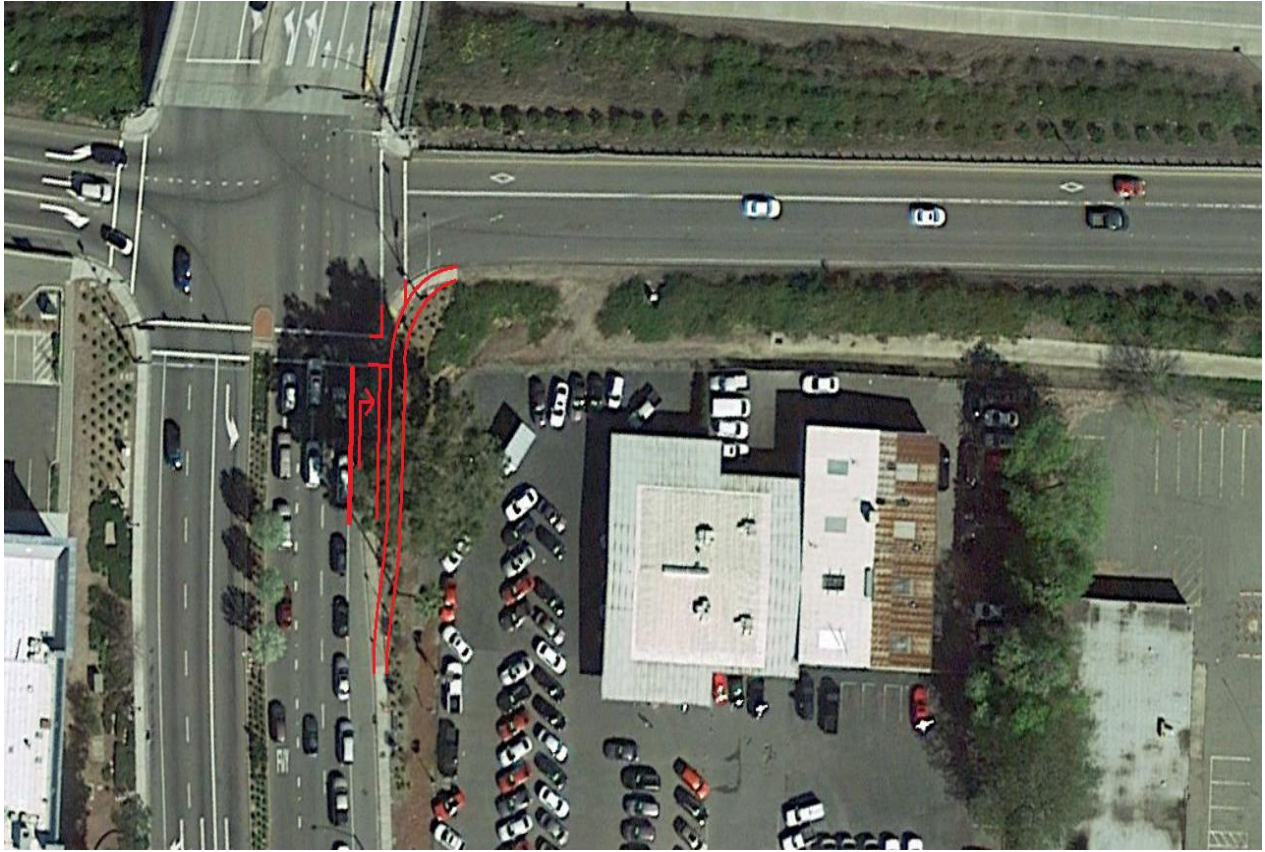
Project Limits: Marina Boulevard from
3rd Street north

Funding Sources:

Eligible Funding Source: None
Identified Funding: None

Project Description:

Reconfiguration of Marina Boulevard to reduce the number of travel lanes from 4 to 2, and add diagonal parking and landscaping.



ST-50: RAILROAD AVENUE NORTHBOUND RIGHT-TURN LANE AT HIGHWAY 4

Project No.

Status:

Awaiting funding

Estimated Project Cost:

\$300,000

Project Limits:

Railroad Avenue (northbound only), from Bliss Avenue to State Route 4 eastbound on-ramp

Operation and Maintenance

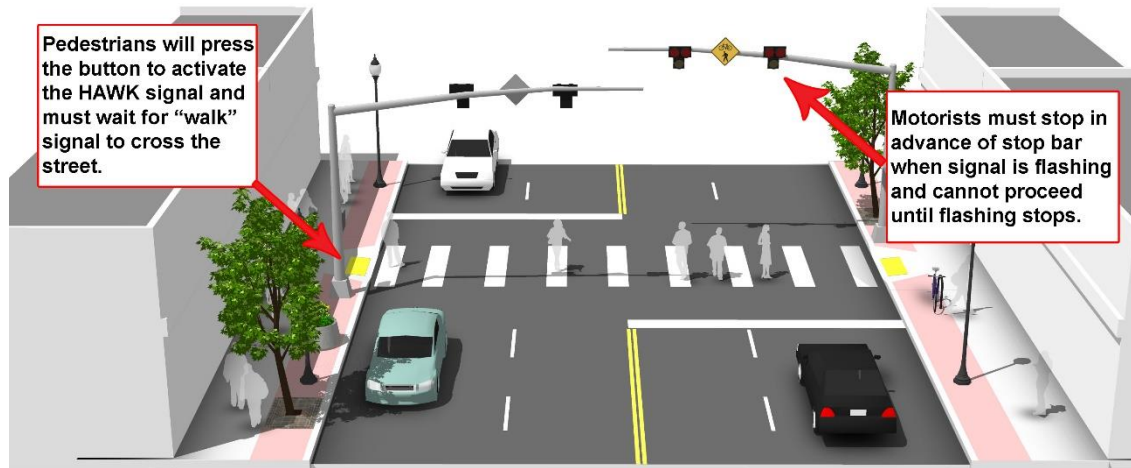
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Funding Sources:

TBD

Project Description:

Widen northbound Railroad Avenue approach to State Route 4 eastbound on-ramp to allow for an exclusive 100 LF right-turn lane. This widening may necessitate removal of a eucalyptus tree and relocation of two 1-B traffic signal poles.

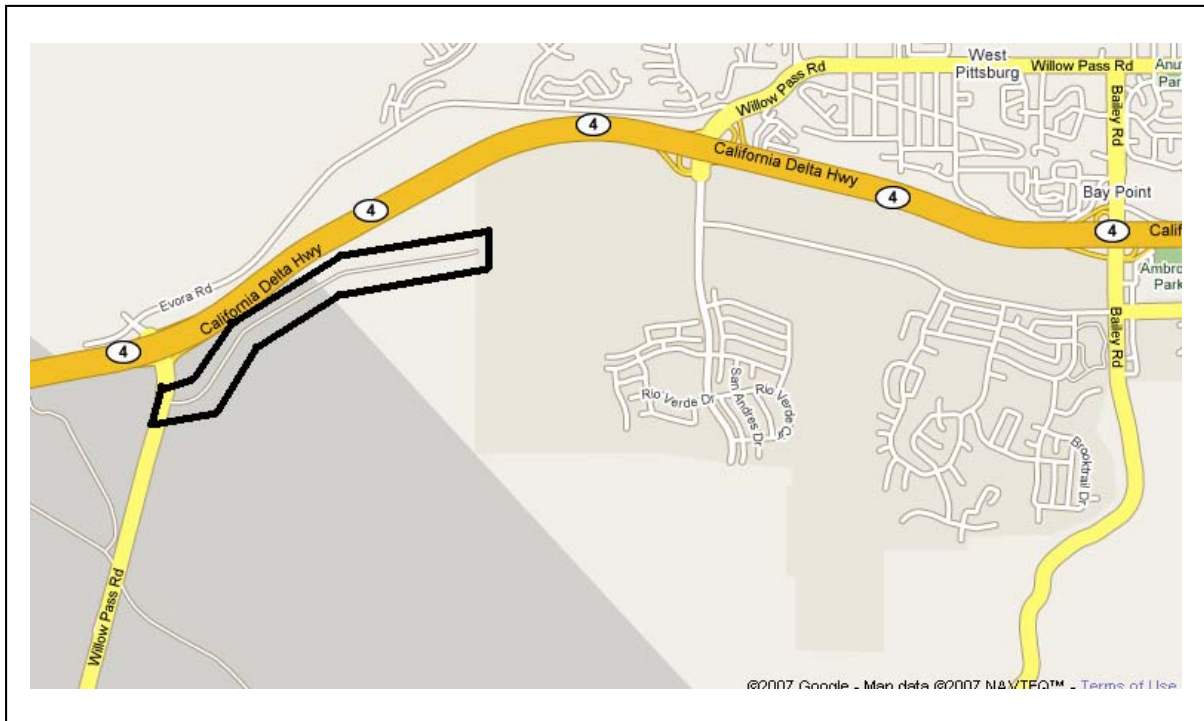


ST- 51: STONEMAN AVENUE PEDESTRIAN IMPROVEMENTS

Project No.		Status:
2017-02		Funded
Estimated Project Cost:		Project Limits:
\$880,000		Three intersections on Stoneman Avenue
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$880,000 HSIP-8

Project Description:

Upgrade intersection pavement markings/signage and install pedestrian signals for existing crosswalks at three intersections on Stoneman Avenue (Meadowbrook Avenue, Meadowbrook Circle, and Briarcliff Drive). Install dynamic/variable speed warning signs along Stoneman Avenue.



ST-54: AVILA ROAD WIDENING (Willow Pass to West Leland)

Project No.

TBD

Status:

Awaiting funding.

Estimated Project Cost:

\$11,520,000

Project Limits:

Southwest area of Pittsburg

Funding Sources:

Eligible Funding Source: TMF/Developer

Identified Funding: TBD

Project Description:

This project will widen Avila Road to 4 lanes with a raised median and sidewalks. The project will accommodate bicycle facilities where appropriate. 66% TMF Eligible.



ST-55: W. LELAND ROAD EXTENSION (PHASE II)

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$5,857,000

Project Limits:
San Marco Boulevard to Avila Road

Funding Sources:

Eligible Funding Source: TMF/Developer
Identified Funding: \$50,000 LTMF

Project Description:

This project will extend W. Leland Road from San Marco Boulevard to Avila Road. The new road will be 4 lanes with a raised median and sidewalks. The project will accommodate bicycle facilities where appropriate. 68% TMF Eligible.



ST-56: SAN MARCO BOULEVARD (SR4 to Bailey Road)

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$14,038,000

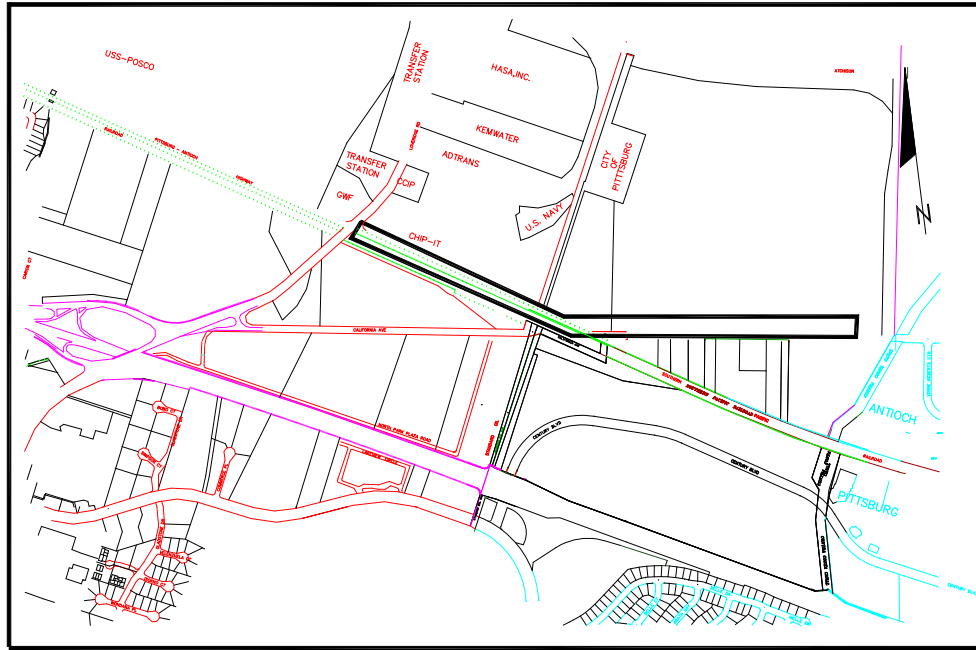
Project Limits:
Southwest area of Pittsburgh

Funding Sources:

Eligible Funding Source: TMF/Developer
Identified Funding: \$100,000 LTMF

Project Description:

The project will extend San Marco Boulevard to Bailey Road. The new roadway will accommodate bicycle facilities where appropriate. The project is 79% TMF eligible.



ST-57: PITTSBURG-ANTIOCH HIGHWAY WIDENING

Project No.

To be determined

Status:

Awaiting funding (local and regional fees) and/or frontage development to occur

Estimated Project Cost:

\$11,070,000

Project Limits:

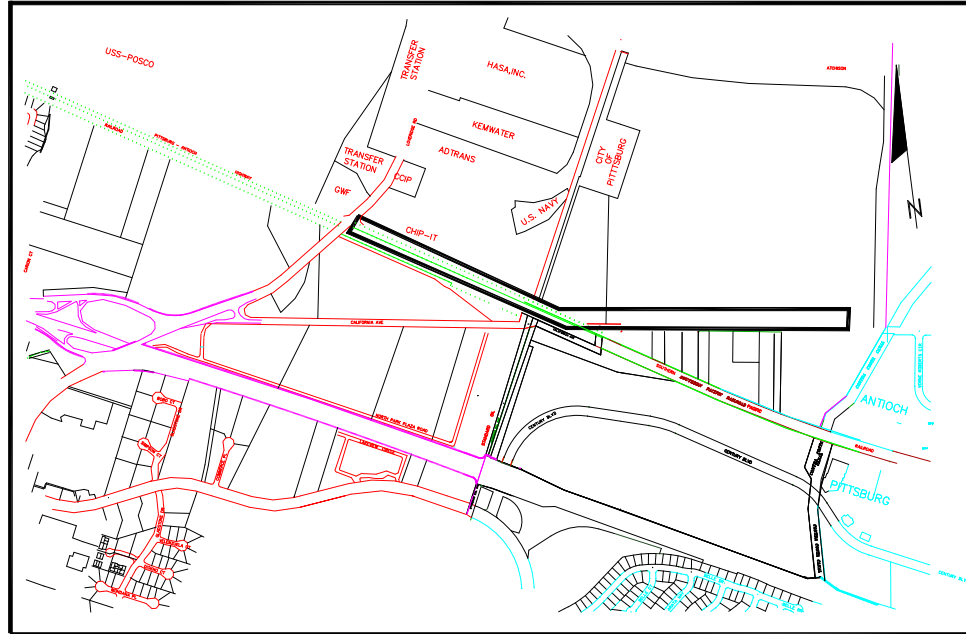
Pittsburg-Antioch Highway, from Loveridge Road to eastern City limits at Arcy Lane.

Funding Sources

Eligible Funding Source: LTMF (80%), PRTDIM, Measure J, Gas Tax Revenues, Grants, Developer
Identified Funding Source: None

Project Description:

This project will widen Pittsburg-Antioch Highway from 2-lanes to 4-lanes. The project will accommodate bicycle facilities where appropriate. Roadway widening to accommodate a center storage lane for left-turns in front of businesses (2WLTL) is provided under CIP Item ST-58. The regional project limits for widening Pittsburg-Antioch Highway to 4-lanes extend to Somersville Road in the City of Antioch. 81% TMF eligible.



ST-58: PITTSBURG-ANTIOCH HIGHWAY TWO-WAY LEFT TURN LANES

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$300,000

Project Limits:
Section of Pittsburg-Antioch Highway
between Loveridge Road and Arcy Lane

Funding Sources:

Eligible Funding Source: Developer, TMF
Identified Funding: TBD

Project Description:

This project will construct a two-way left turn lane for businesses located along Pittsburg-Antioch Highway between Loveridge Road and Arcy Lane. The project will accommodate bicycle facilities where appropriate. This project may be constructed as development occurs prior to a larger widening project. 81% TMF eligible.



ST-62: CALIFORNIA AVENUE WIDENING PHASE III (Harbor Street to Railroad Avenue)

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$10,035,000

Project Limits:

Harbor Street to Railroad Avenue

Funding Sources

Eligible Funding Source: TMF

Identified Funding Source: TBD

Project Description:

This project includes obtaining right-of-way, constructing drainage improvements and widening California Avenue. This project will provide two lanes in each direction from Railroad Avenue to Harbor Street. Re-alignment of California Avenue will be required when the proposed west bound Highway 4 offramp is constructed. 96% TMF eligible.



ST-63: MARINA BOULEVARD/BLACK DIAMOND STREET/EAST FIFTH STREET IMPROVEMENTS

Project No.

To be determined

Status:

Awaiting funding and/or development

Estimated Project Cost:

\$95,000

Project Limits:

Intersection of Marina Blvd./Black Diamond St./E. Fifth St., and its approaches

Funding Sources

Eligible Funding Source: Measure J, Gas Tax Revenues, Grants (TLC), Development

Identified Funding Source: None

Project Description:

This project will realign the intersection and its approaches to more closely resemble a conventional grid pattern street layout, similar to the surrounding downtown streets and blocks. This will allow additional area for a parking structure to be constructed at the Marina Parking lot site (located on the northwest corner of the intersection).



ST-64: LINSCHIED DRIVE TRAFFIC CALMING

Project No.

To be determined

Status:

To be designed, awaiting funding

Estimated Project Cost:

\$100,000

Project Limits:

Intersection of Linscheid Dr., Ramona St., and Madoline St., and its approaches

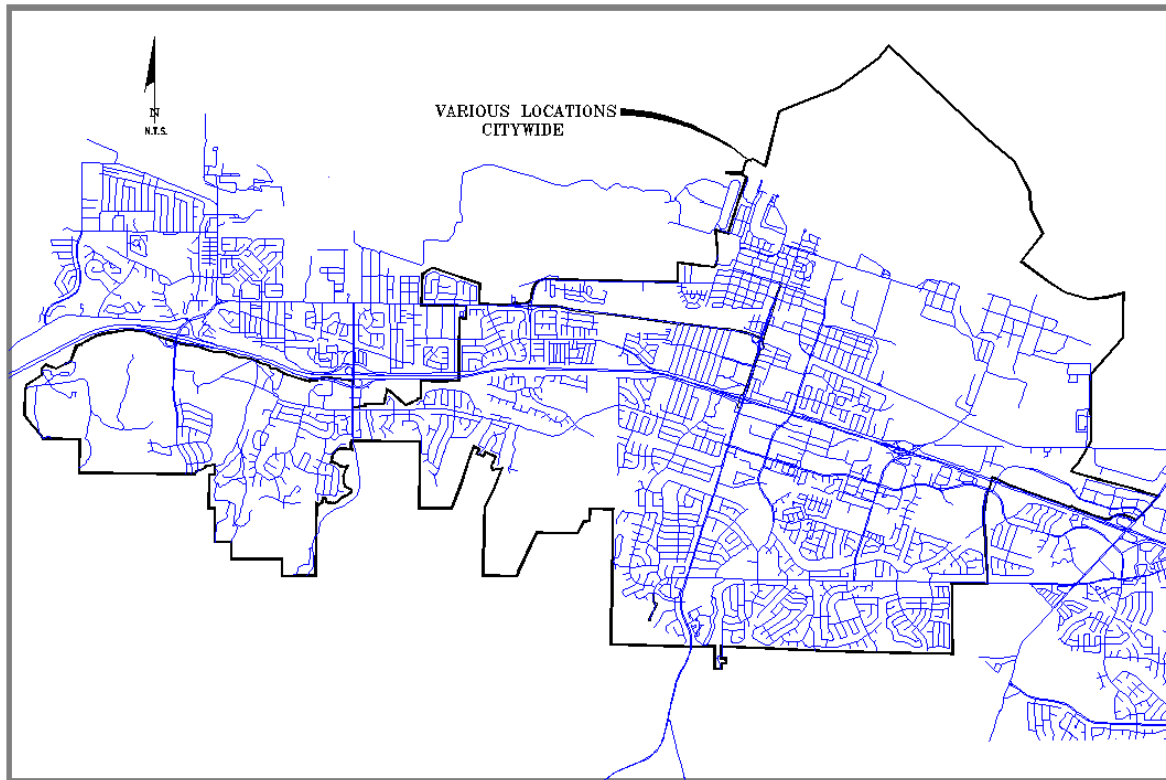
Funding Sources

Eligible Funding Source: Measure J, Gas Tax Revenues, Grants (TETAP for design)

Identified Funding Source: None

Project Description:

This project will realign the intersection and its approaches to meet current standards as a neighborhood traffic calming measure that will follow the City's adopted Traffic Calming Policy. The existing intersection is too wide to properly channel traffic and invites motorists to drive on the wrong side of the road when cutting corners to make a turn. Among the options under consideration is installation of traffic circles at this offset intersection. Additional investigation is necessary to determine what measure should be implemented.



ST-67: SCHOOL AREA PEDESTRIAN COUNTDOWN SIGNALS

Project No.

TBD

Status:

Awaiting Funds

Estimated Project Cost:

\$100,000

Project Limits:

Various intersections located near target schools (citywide)

Funding Sources

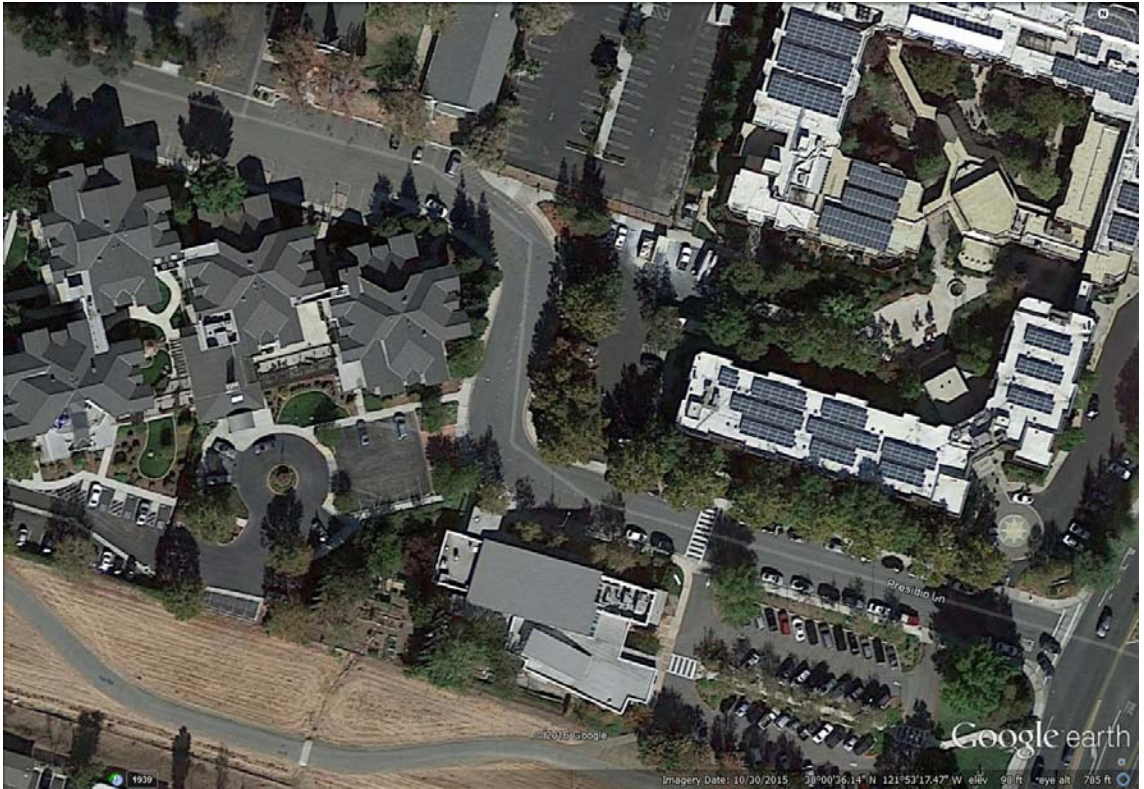
Eligible Funding: TBD

Identified Funding: None

Project Description:

This project will install pedestrian countdown signal heads at 18 signalized intersections with a high pedestrian volume located near target schools. This project also includes an educational outreach program for student pedestrians and parents to suggest routes to and from eight elementary schools and two junior high schools.

Intersections Include: W. Leland@Crestview, W. Leland@Railroad, Railroad@West, W. Leland@Dover, W. Leland@Burton, Harbor@Buchanan, Harbor@Yosemite, Loveridge@E. Leland, Loveridge@Delta DeAnza Trail, Loveridge@Stoneman, Loveridge@Ventura, Loveridge@Buchanan, Willow Pass@Loftus, Harbor@School, Railroad@Civic, Railroad@Power, San Marco@W. Leland



ST-69: PRESIDIO LANE IN-GROUND CROSSWALKS

Project No.
TBD

Status:
Awaiting funds

Estimated Project Cost:
\$ 25,000

Project Limits:
Presidio Lane crosswalk between Senior Center and Stoneman Village senior housing

Funding Sources
Eligible Funding: TBD
Identified Funding: None

Project Description:
This project will enhance pedestrian safety with installation of an in-ground flashing crosswalk across Presidio Lane between the Senior Center and Stoneman Village senior housing.



ST-72: WILLOW PASS ROAD CLASS III BICYCLE FACILITY

Project No.

TBD

Status:

Awaiting Funds

Estimated Project Cost:

\$ 200,000

Project Limits:

Willow Pass Road from West Tenth Street to
Union Pacific Railroad Crossing

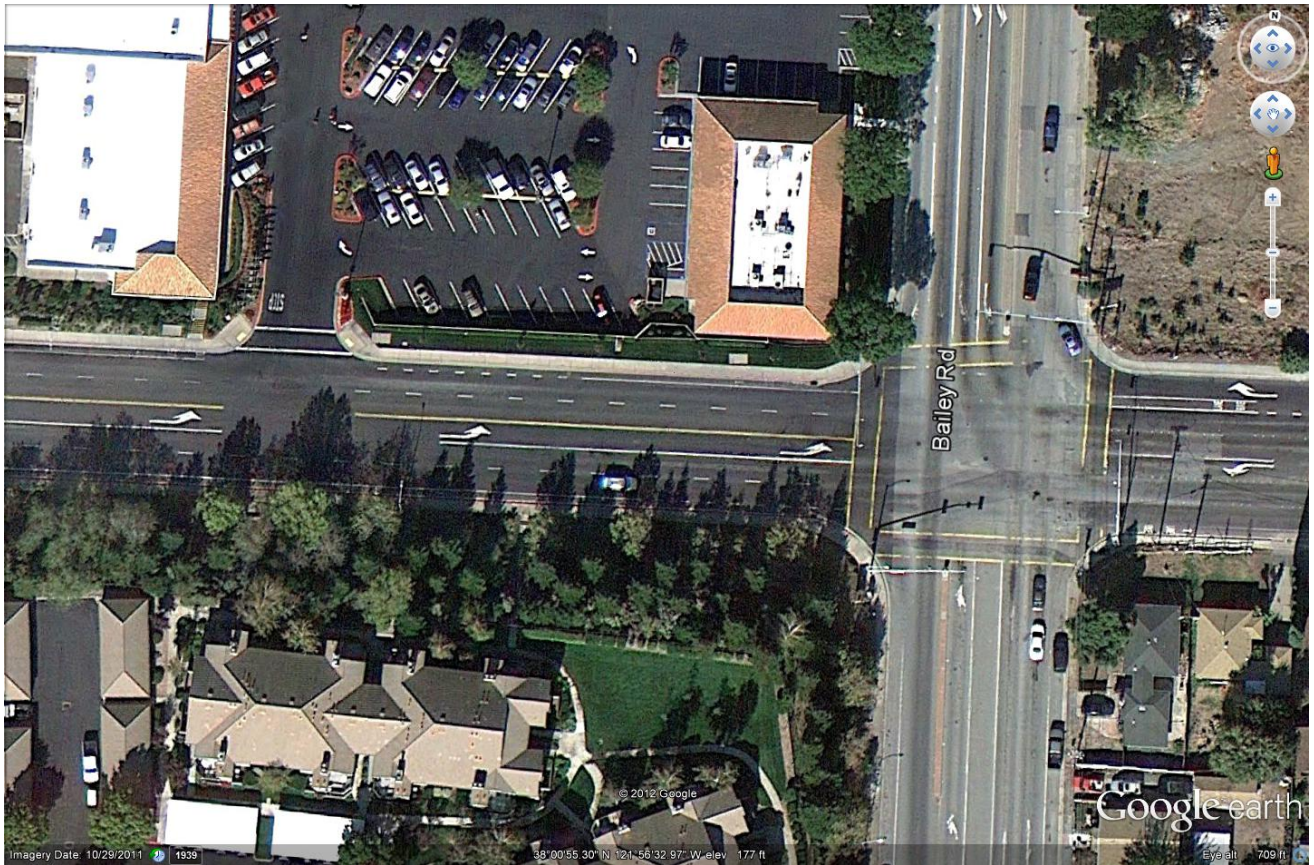
Funding Sources

Eligible Funding: TBD

Identified Funding: None

Project Description:

This project includes widening, signing and striping Willow Pass Road to provide a Class III bicycle facility from West 10th Street to the Union Pacific Railroad crossing. The project will include construction of 8' shoulders east and west bound along the entire length of Willow Pass Road.



ST-95: INTERSECTION GEOMETRIC IMPROVEMENTS (BAILEY ROAD & WEST LELAND ROAD)

Project No.
TBD

Status:
Awaiting funding

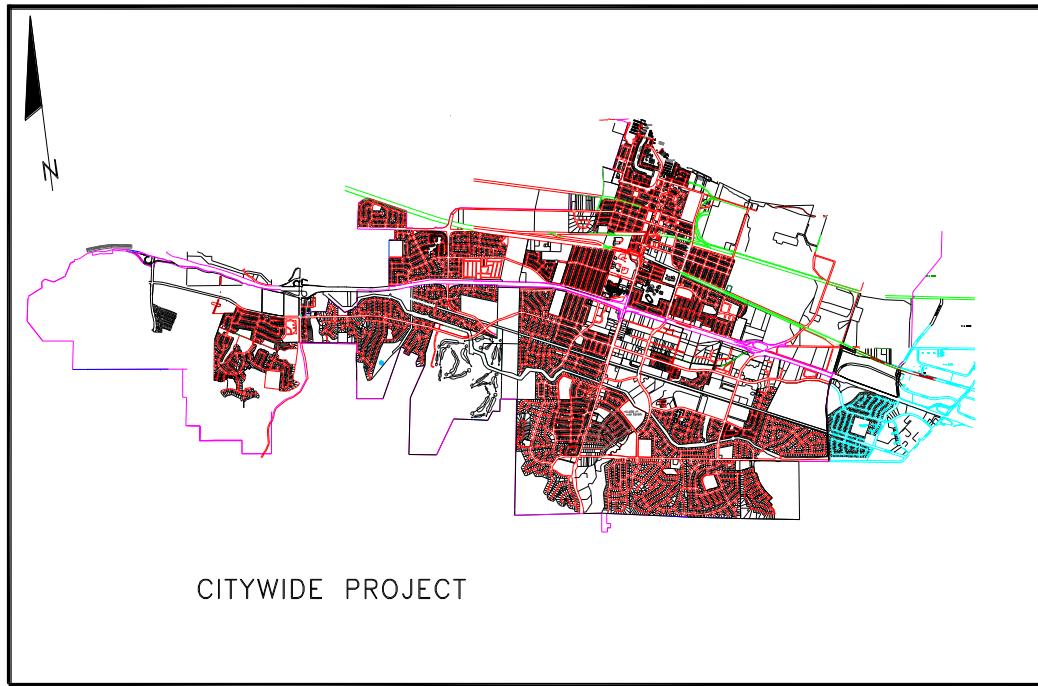
Estimated Project Cost:
\$3,000,000

Project Limits:
West Leland Road between Bailey Road and Oak Hills Drive

Funding Sources
Eligible Funding Sources: LTMF, Developer Fair Share
Identified Funding: None

Project Description:

The project provides for geometric improvements on the eastbound approach to the intersection Bailey Road & West Leland Road. The scope of work contemplated includes widening of the eastbound approach to add a second left-turn lane and an exclusive right-turn lane on the eastbound approach. It is intended that the geometry will accommodate a Class 2 bike lanes. The improvements will add capacity on the eastbound approach, provide for more efficient signal timing, improve intersection level of service, and reduce queuing on the eastbound leg of the intersection. The geometric improvements will require right-of-way acquisition and construction of retaining walls along the north and south sides of West Leland Road between Bailey Road and Oak Hills Drive.



ST-97: 2017/18 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

Status:
Funded

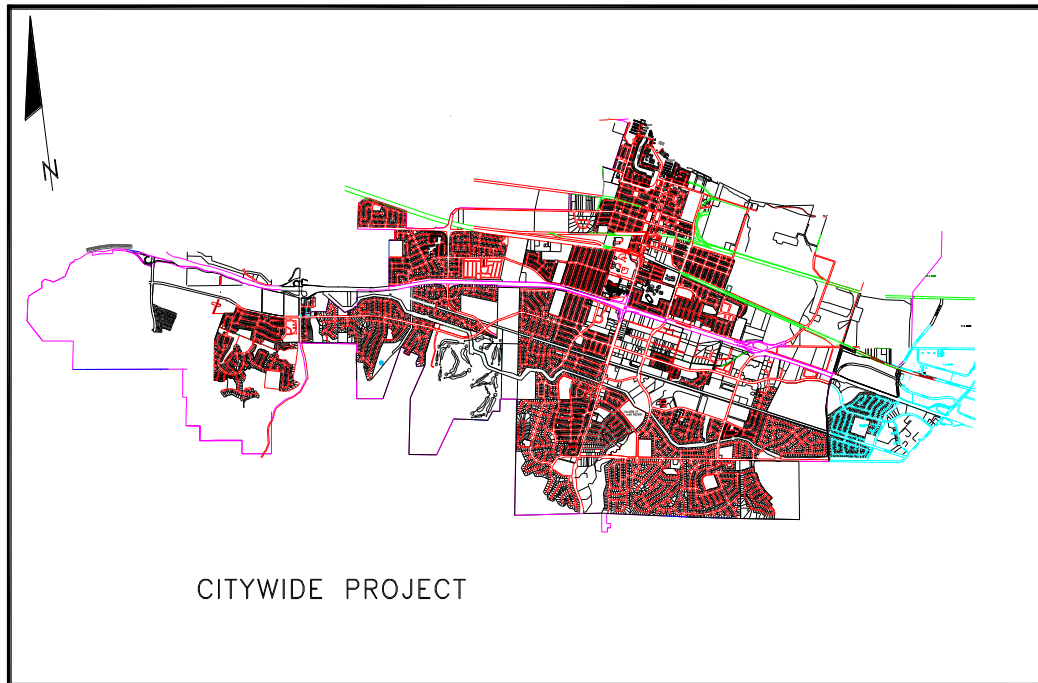
Estimated Project Cost:
\$300,000

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: Gas Tax \$300,000

Project Description:

This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.



ST-98: 2019/20 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$1,400,000

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: \$1,172,439
RMRA, \$227,561 HUTA

Project Description:

This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.

SIGNAL PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

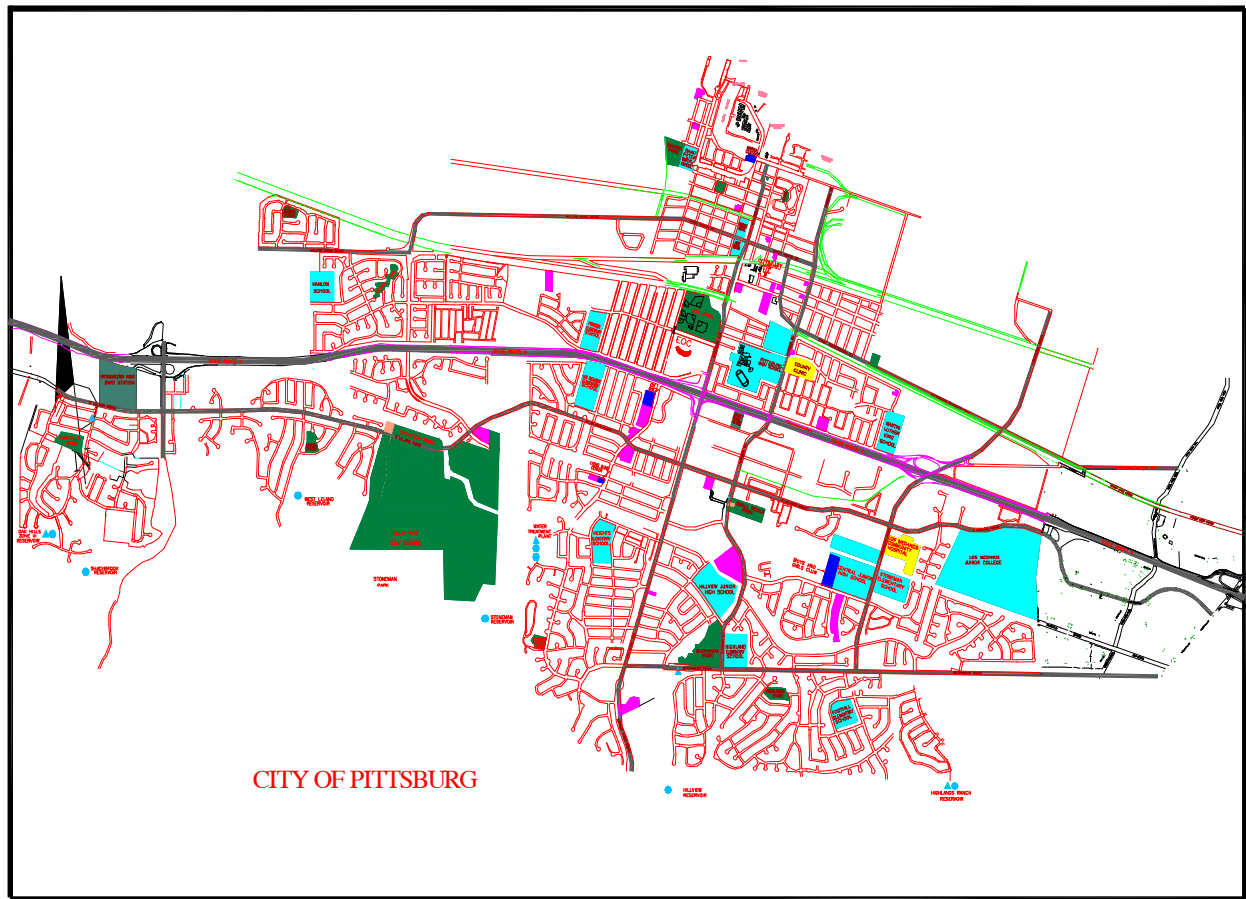
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



S-2: STREET NAME SIGN LED CONVERSION

Project No.

TBD

Status:

Awaiting Funding

Estimated Project Cost:

\$200,000

Project Limits:

Citywide

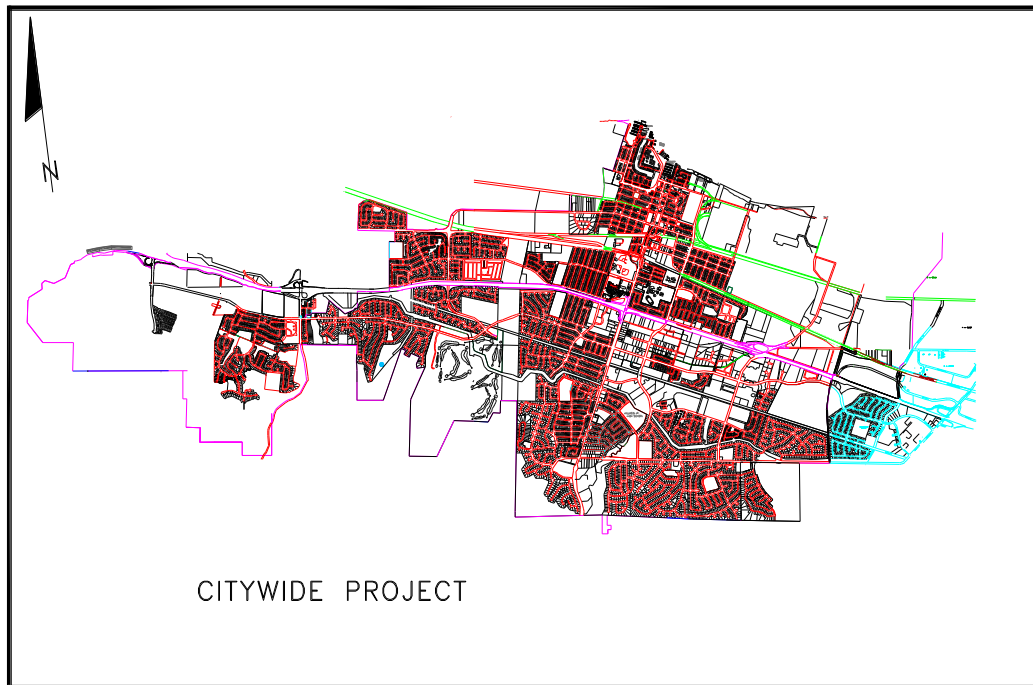
Funding Sources:

Eligible Funding: TBD

Identified Funding: None

Project Description:

Remove and Replace 128 fluorescent street name signs with LED signs



S-3: TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Funded

Estimated Project Cost:
\$135,000

Project Limits: Loveridge Rd/Pitts Anti Hwy
Harbor/Atlantic

Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-4: SIGNAL AT HARBOR STREET/STONEMAN AVENUE

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$300,000

Project Limits:
Harbor Street intersection at Stoneman Avenue

Funding Sources
Eligible Funding Source: Measure J
Identified Funding: None

Project Description:

This project will design and construct a fully actuated traffic signal at the intersection of Harbor Street and Stoneman Avenue. The project will replace existing all-way stop sign controls at this intersection.



S-5: SIGNAL MODIFICATION AT LELAND RD/BURTON AVE

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$15,000

Project Limits:
West Leland Road at Burton

Operation and Maintenance
\$200/year

Funding Sources
Eligible Funding Source: Gas Tax, Measure J, SR2S
Identified Funding: None

Project Description:

This project will design and construct traffic signal modifications to an existing 2-phase traffic signal system to allow a protected eastbound left-turn movement from West Leland Rd. onto Burton Avenue. This may include the use of a “doghouse” type signal head.



S-6: TRAFFIC SIGNAL MODIFICATION @ KIRKER PASS ROAD & PHEASANT DRIVE

Project No.

Status:

Awaiting funding

Estimated Project Cost:

\$50,000 TBD

Project Limits:

Kirker Pass Road at Pheasant Drive

Operation and Maintenance

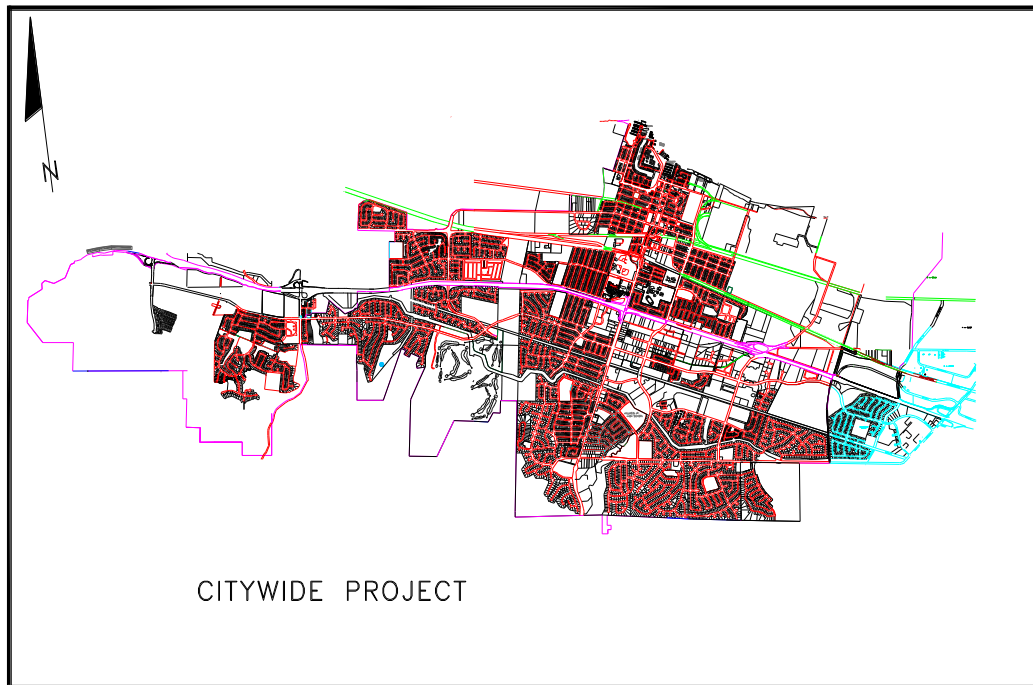
na

Funding Sources:

TBD

Project Description:

Relocate existing north-south marked crosswalk further east. Relocate 1-B traffic signal pole (with phases 4 and 6 signal heads and phase 6 pedestrian head and pushbutton) from raised “porkchop” island in northeast corner to behind sidewalk. Remove two raised “porkchop” islands on the eastern corners. Modify raised median on Pheasant Drive to allow ADA pedestrian crossing.



S-7: 2018/19 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

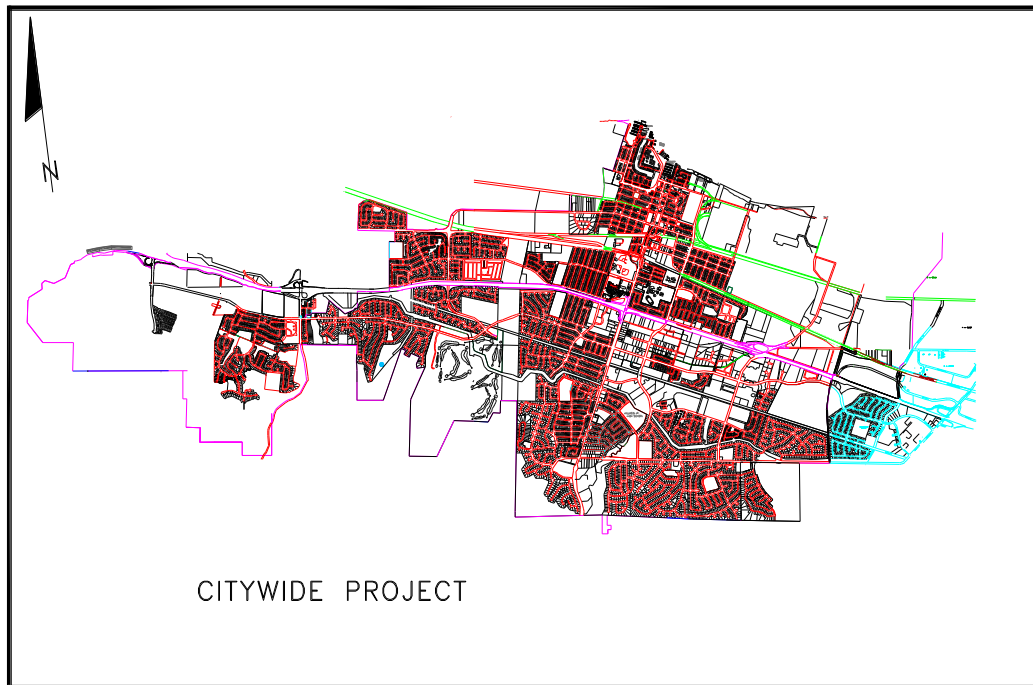
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-8: 2019/20 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

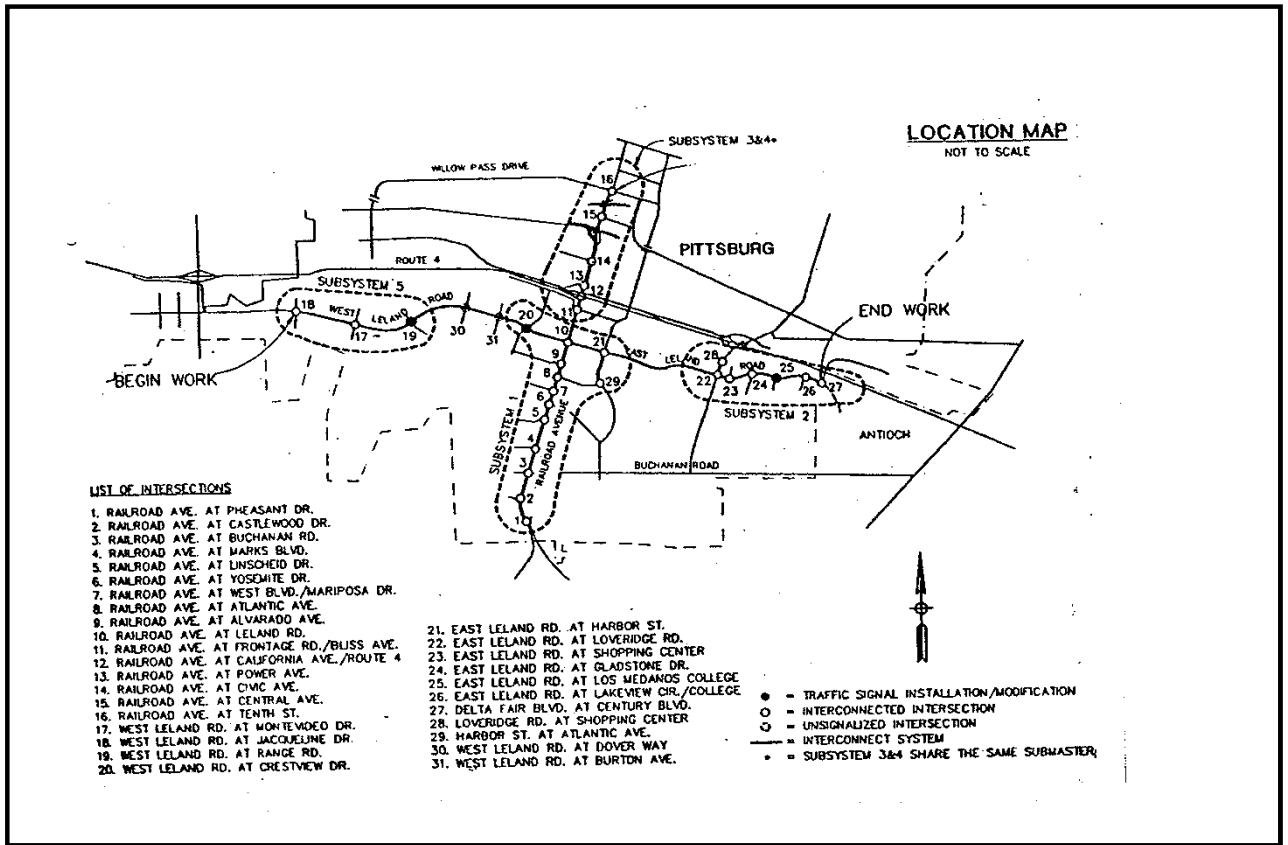
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-9: LELAND ROAD SIGNAL INTERCONNECT

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$380,000

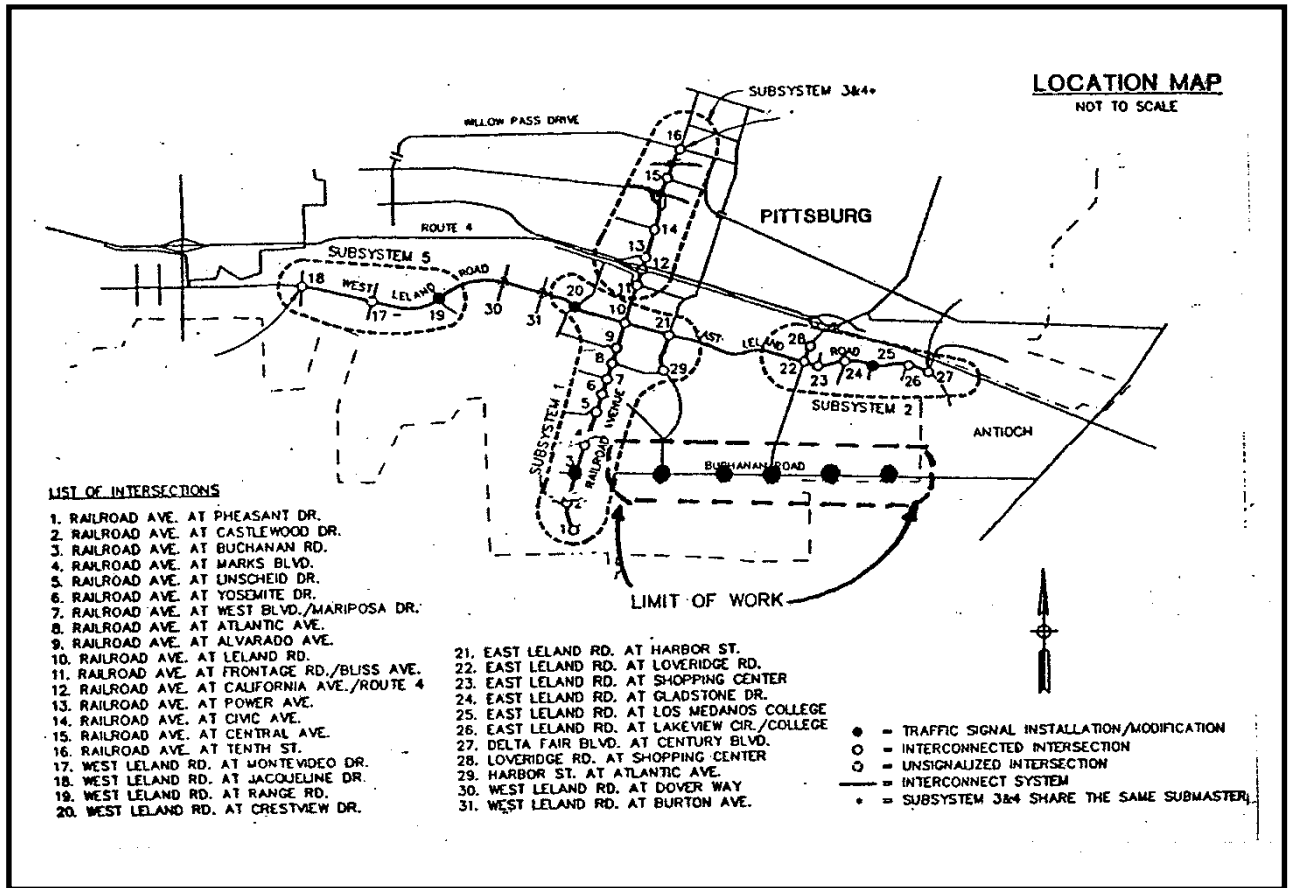
Project Limits:
West Leland Road and Bailey Road

Funding Sources

Eligible Funding Source: Measure J/TMF
Identified Funding: none

Project Description:

This Project will provide for interconnection and retiming of signalized intersections along the Bailey Road & West Leland Road corridors. 75% TMF eligible.



S-10: BUCHANAN ROAD SIGNAL INTERCONNECT

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$525,000

Project Limits:
The Project will interconnect signals on Buchanan Road from Meadows Drive to Harbor Street

Funding Sources

Eligible Funding Source: Measure J/TMF
Identified Funding: None

Project Description:

This Project will provide for interconnection and retiming of five existing signalized intersections along Buchanan Road. 93% TMF eligible.



S-12: OPTICOM AND TRANSIT PRIORITY CONTROL

Project No.

TBD

Status:

Awaiting funding.

Estimated Project Cost:

\$200,000

Project Limits:

Citywide

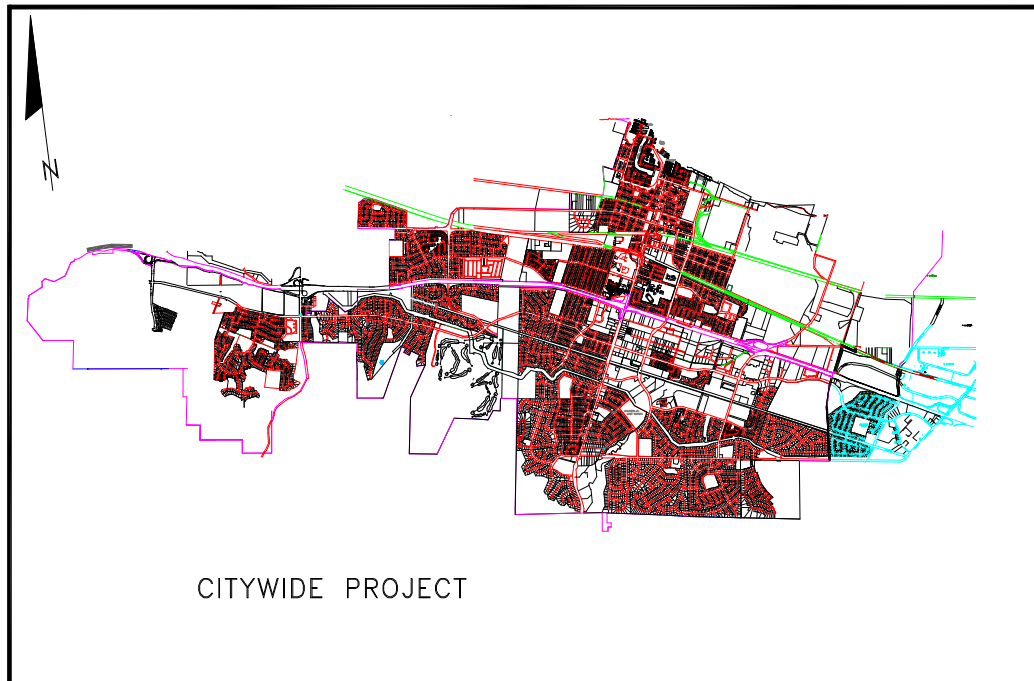
Funding Sources

Eligible Funding Source: Measure J

Identified Funding: None

Project Description:

Project will study the deployment of transit priority control system and provide for installation of opticom control system at 12 signalized intersections.



S-13: Installation of Emergency Vehicle Preemption at 6 Intersections

Project No.
TBD

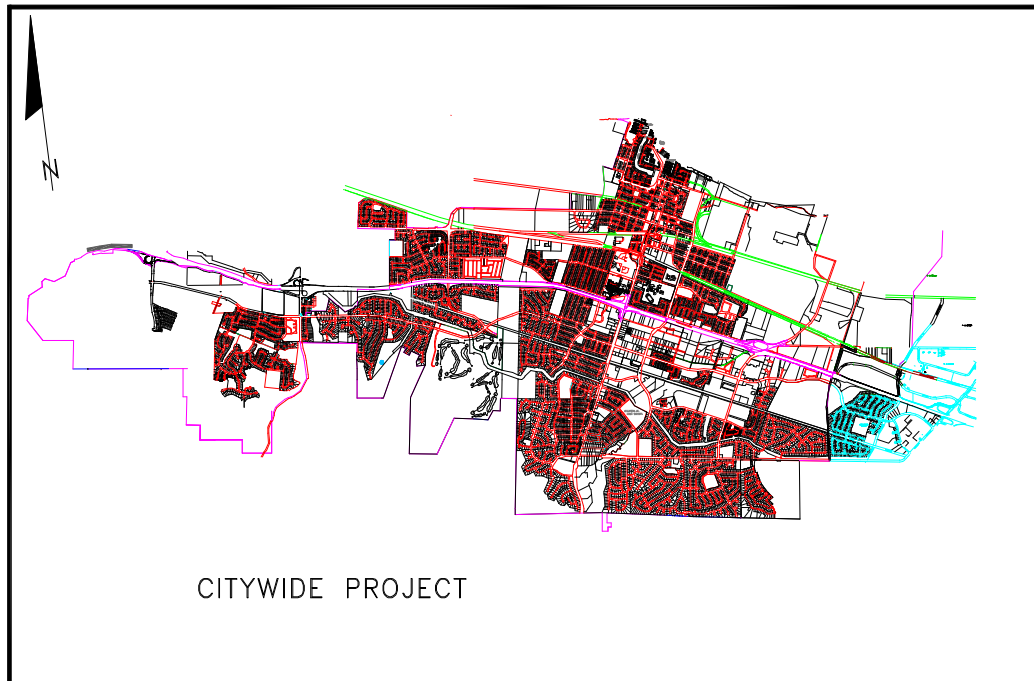
Status:
None

Estimated Project Cost:
\$50,000

Project Limits:
1. Buchanan & Loveridge
2. Buchanan & Suzanne
3. Buchanan & Harbor
4. Railroad & Pheasant
5. Railroad & Central
6. Jacqueline & W. Leland

Funding Sources
Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, PP, Grants
Identified Funding: none

Project Description:
Install Emergency Vehicle Preemption (EVP) at six (6) signalized intersections to allow emergency vehicles to preempt the traffic signal control phase sequence. This allows the emergency vehicle to travel through major intersections on a green light. The City currently uses Opticom™ emergency vehicle preemption at all other major intersections not included in this project.



S-14: Wireless Traffic Signal Communication

Project No.
TBD

Status:
Being studied

Estimated Project Cost:
\$305,000

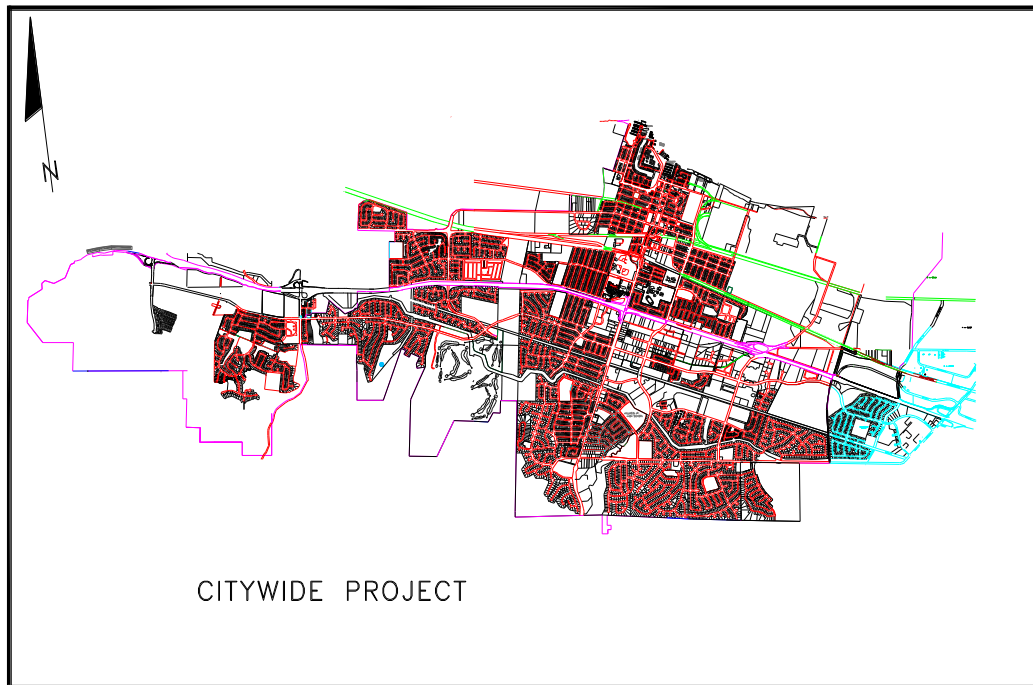
Project Limits:
Citywide (up to 61 Signalized Intersections)

Funding Sources

Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, PP, Grants
Identified Funding: none

Project Description:

Install wireless traffic signal communication with City's traffic signal controllers. This will allow viewing traffic signal controller settings and possible video feed of traffic signal detection zones and performing traffic signal timing changes. Also, may replace current Traffic Signal Interconnect Cable (SIC) on Railroad Avenue and Leland Road with wireless communications.



S-15: 2020/21 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

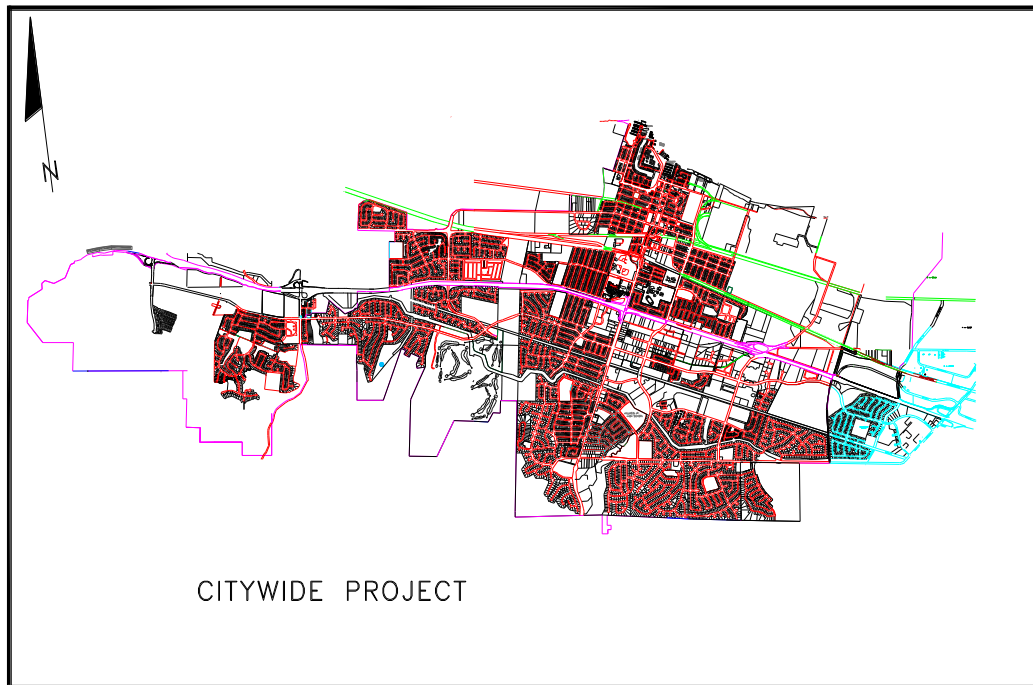
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-16: 2021/22 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

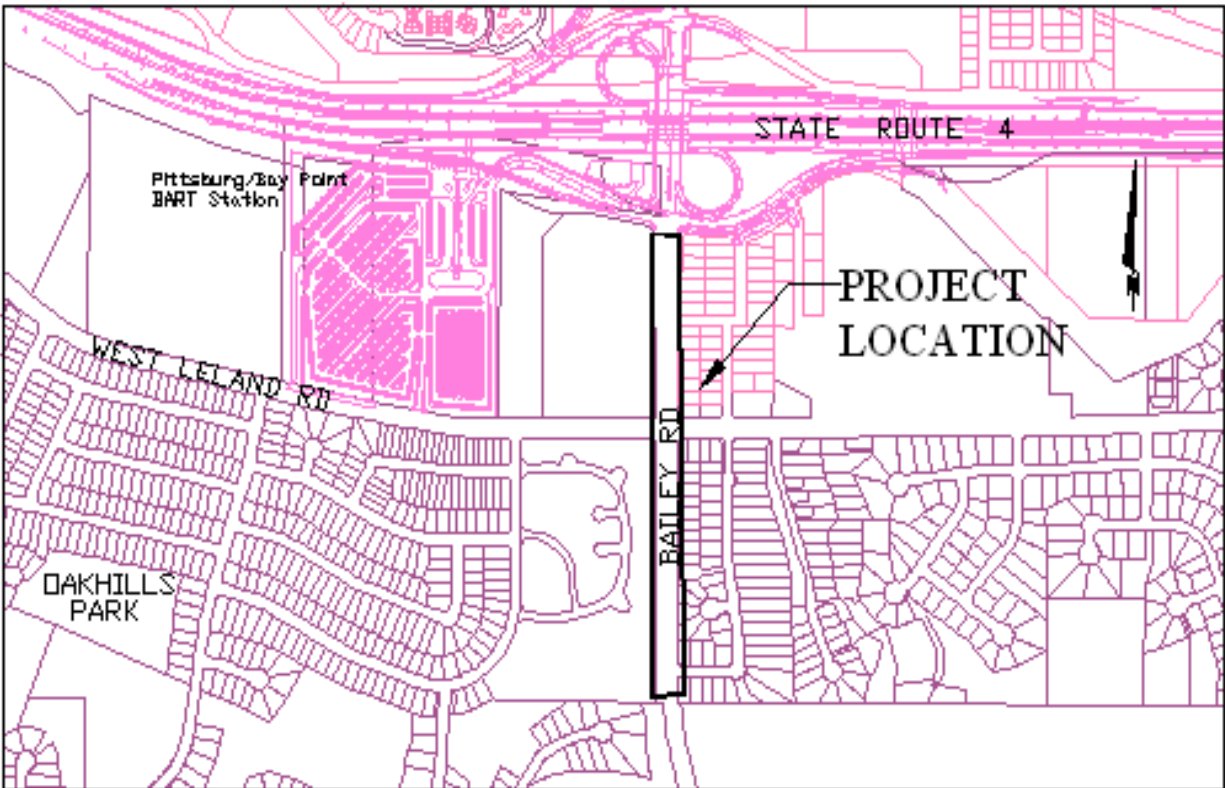
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-24: BAILEY ROAD SIGNAL INTERCONNECTS

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$210,000

Project Limits:
Bailey Road

Funding Sources

Eligible Funding Source: Measure J
Identified Funding: none

Project Description:

Interconnection and retiming of traffic signals on Bailey Road that are within the City limits. 84% TMF eligible.



S-25: LOVERIDGE ROAD SIGNAL INTERCONNECTS

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$150,000

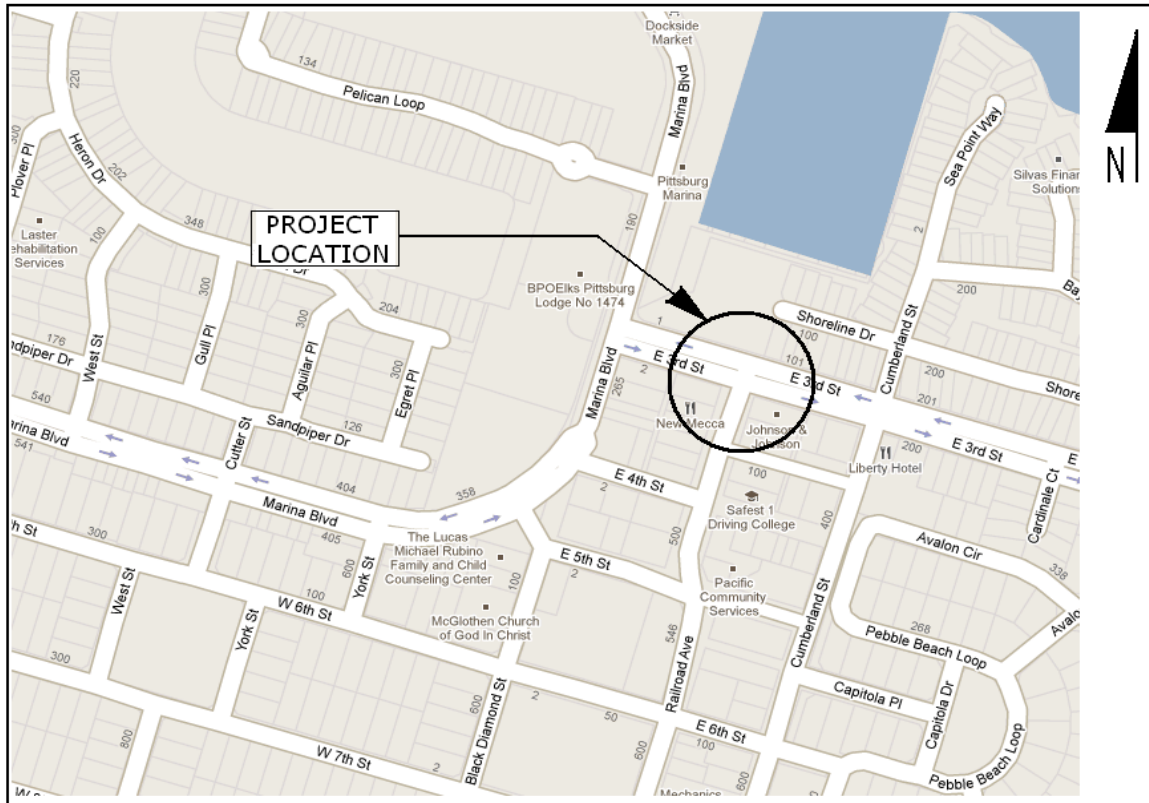
Project Limits:
Loveridge Road

Funding Sources

Eligible Funding Source: Measure J
Identified Funding:

Project Description:

Interconnection and retiming of traffic signals on Loveridge Road between Buchanan Road and E. Leland Road. The four intersections will be added to an existing network of seven interconnected intersections along the E. Leland and Loveridge corridors. 81% TMF eligible.



S-26: SIGNAL AT RAILROAD AVENUE/3RD STREET

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$300,000

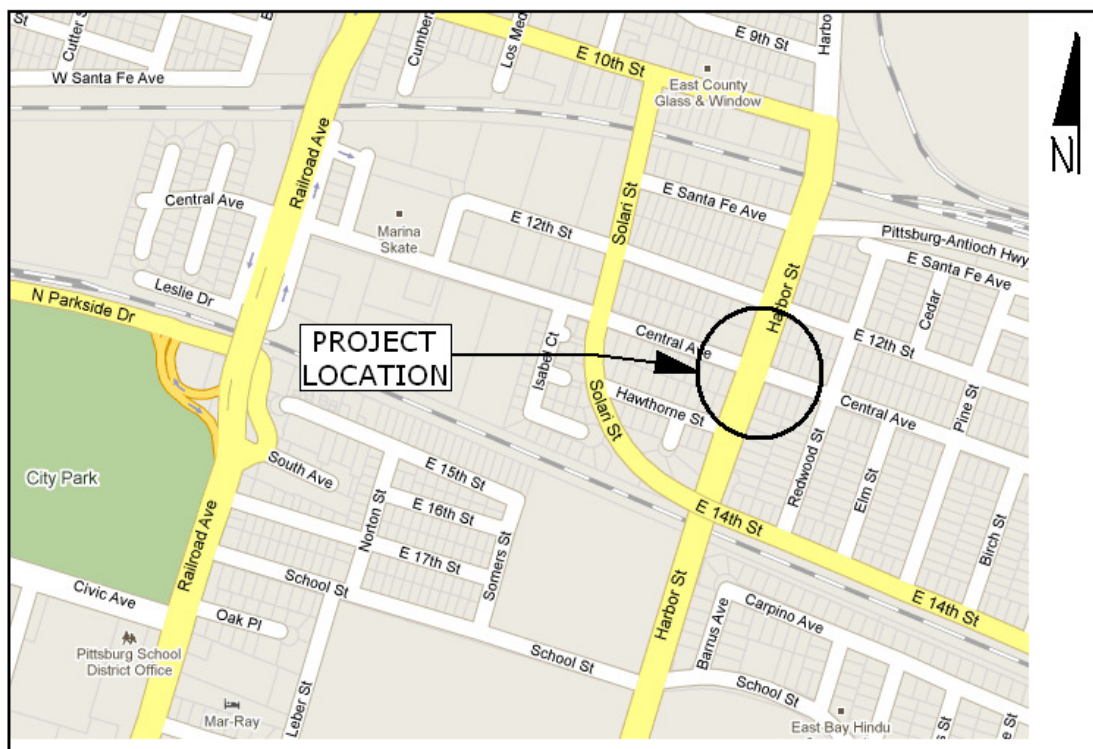
Project Limits:
Railroad Avenue intersection at 3rd Street

Funding Sources

Eligible Funding Source: Measure J/LTMF
Identified Funding: None

Project Description:

This project will design and construct a fully actuated traffic signal at the intersection of Railroad Avenue and East Third Street. The project will replace existing all-way stop sign controls at this intersection. 100% LTMF eligible.



S-27: SIGNAL AT HARBOR STREET/CENTRAL AVENUE

Project No.

TBD

Status:

Awaiting funding

Estimated Project Cost:

\$330,000

Project Limits:

Harbor St. north/south approaches to intersection with Central Ave. east/west approaches

Funding Sources

Eligible Funding Source: LTMF, Measure J, Gas Tax, Grants

Identified Funding Source: none

Project Description:

This project will replace an existing 4-way Stop sign controlled intersection with a traffic signal system (including an alternate power supply, countdown pedestrian signals, and TS2 controller).



S-30: SIGNAL AT RAILROAD AVENUE/SCHOOL STREET

Project No.

TBD

Status:

Awaiting funding

Estimated Project Cost:

\$300,000

Project Limits:

Railroad Avenue intersection at School Street

Funding Sources

Eligible Funding Source: Measure J

Identified Funding: None

Project Description:

This project will design and construct a fully actuated traffic signal at the intersection of Railroad Avenue and School Street. A traffic signal is warranted for this location to replace the minor street stop sign controls at this intersection.

WATER PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

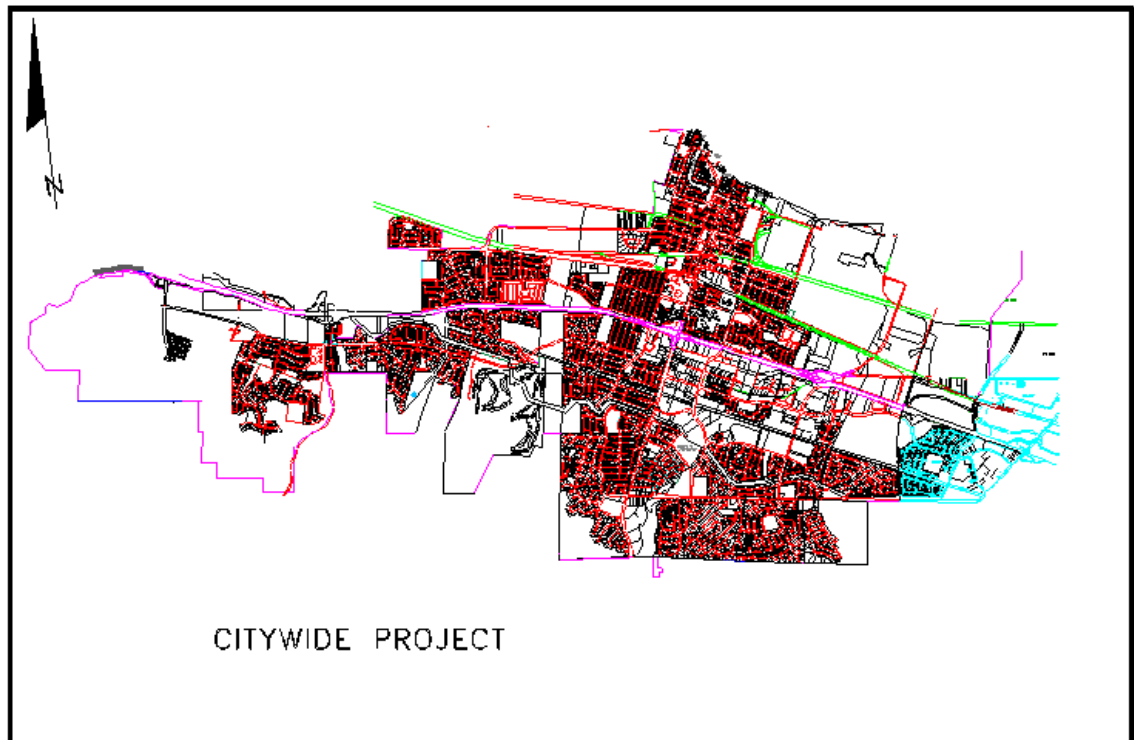
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



W-1: 2019/20 WATER MAIN REPLACEMENT/INSTALLATION PROGRAM

Project No.

Status:

Awaiting funding.

Estimated Project Cost:
\$3,000,000

Project Limits:
TBD

Operation and Maintenance
\$0/year

Funding Sources:
Eligible Funding Source: WOF
Identified Funding:

Project Description: Project will identify and replace water mains, services, and valves that have reached the end of their useful life and have become maintenance problems, and/or install mains to improve fire flow in localized areas.



W-2: HILLVIEW RESERVOIR COATING (EXTERIOR)

Project No.

Status:

Awaiting Funding

Estimated Project Cost:
\$350,000

Project Limits:
Hillview Reservoir

Funding Sources

Eligible Funding: Water Operations Fund

Project Description:

Recoating the outside of Hillview Reservoir. Failure to address coating maintenance requirements in a timely manner will lead to accelerated corrosion and more costly repairs.



W-3: WATER TREATMENT PLANT INTAKE MODIFICATIONS

Project No.
2012-16B

Status:
In construction

Estimated Project Cost:
\$3,641,368

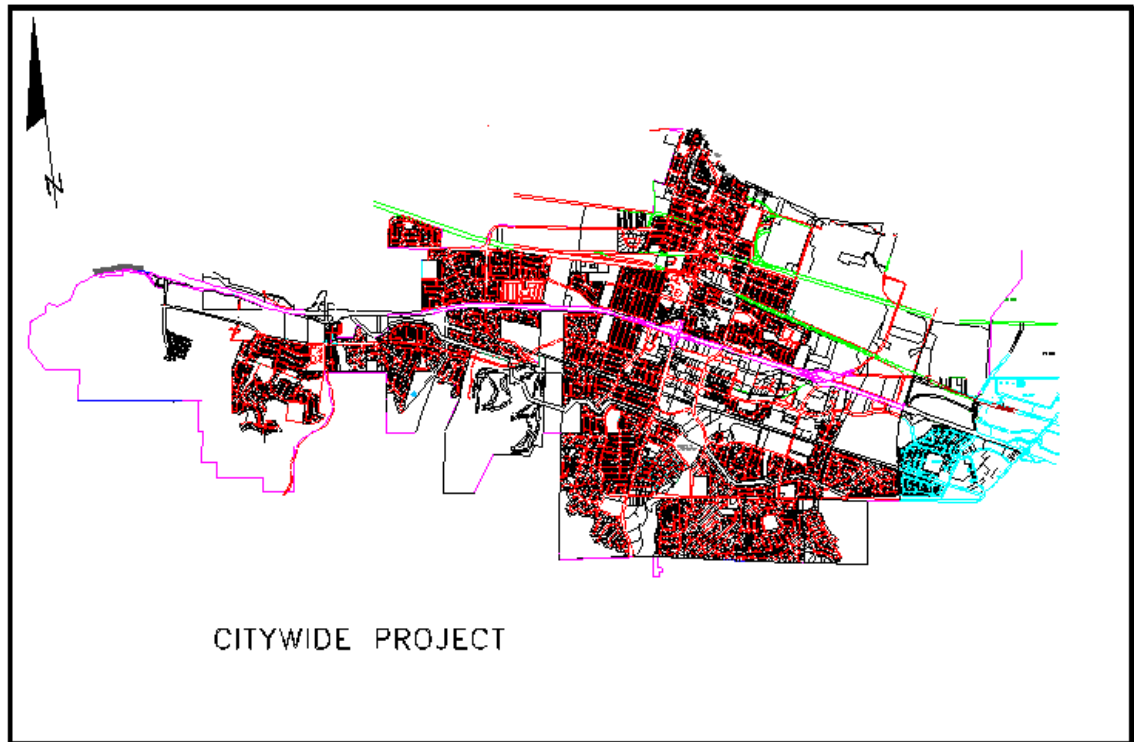
Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF, I-Bank, Water Bond
Identified Funding: \$2,417,865 Ibank,
\$115,000 WFR(502), \$1,108,503 WOF

Project Description:

The proposed changes to the WTP are needed to help reduce taste and odor problems, improve the treatment process by combining the four influent streams (two raw water, one from lake and well supplies), and pre-treat the well water as it comes to the WTP.



W-4: 2017/18 WATER MAIN REPLACEMENT/ INSTALLATION PROGRAM

Project No.

Status:

Awaiting funding.

Estimated Project Cost:

\$3,000,000

Project Limits:

TBD

Operation and Maintenance

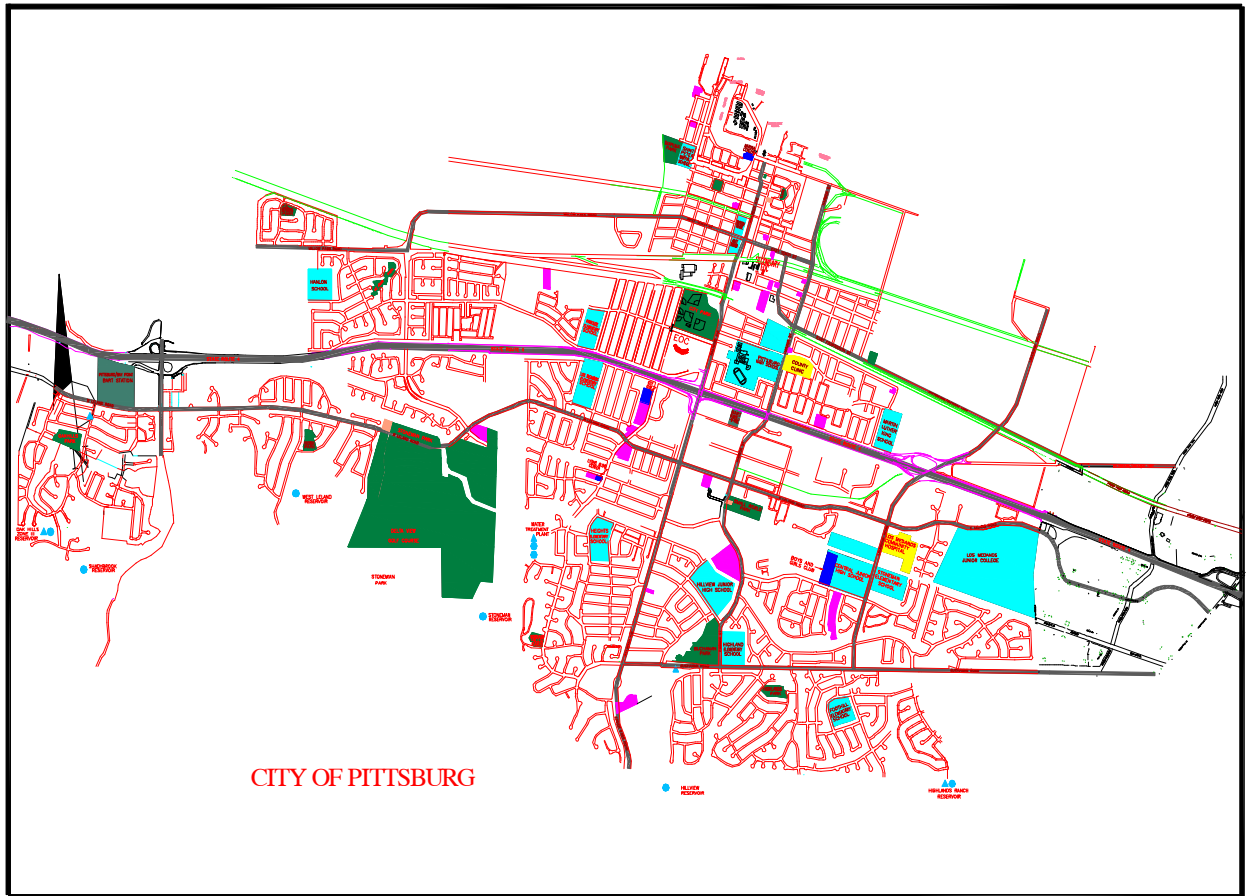
\$0/year

Funding Sources:

Eligible Funding Source: WOF

Identified Funding:

Project Description: Project will identify and replace water mains, services, and valves that have reached the end of their useful life and have become maintenance problems, and/or install mains to improve fire flow in localized areas.



W-5: PRESSURE ZONE 1/ ZONE 2 BOUNDARY ADJUSTMENTS (Harbor, Leland, Railroad)

Project No.

To be determined

Status:

Awaiting funding.

Estimated Project Cost:

\$1,133,000

Project Limits:

An area adjoining the Leland Road corridor and bounded by Crestview Drive to the west, EBMUD right-of-way to the south, Freed Way to the east and Garcia Avenue to the north.

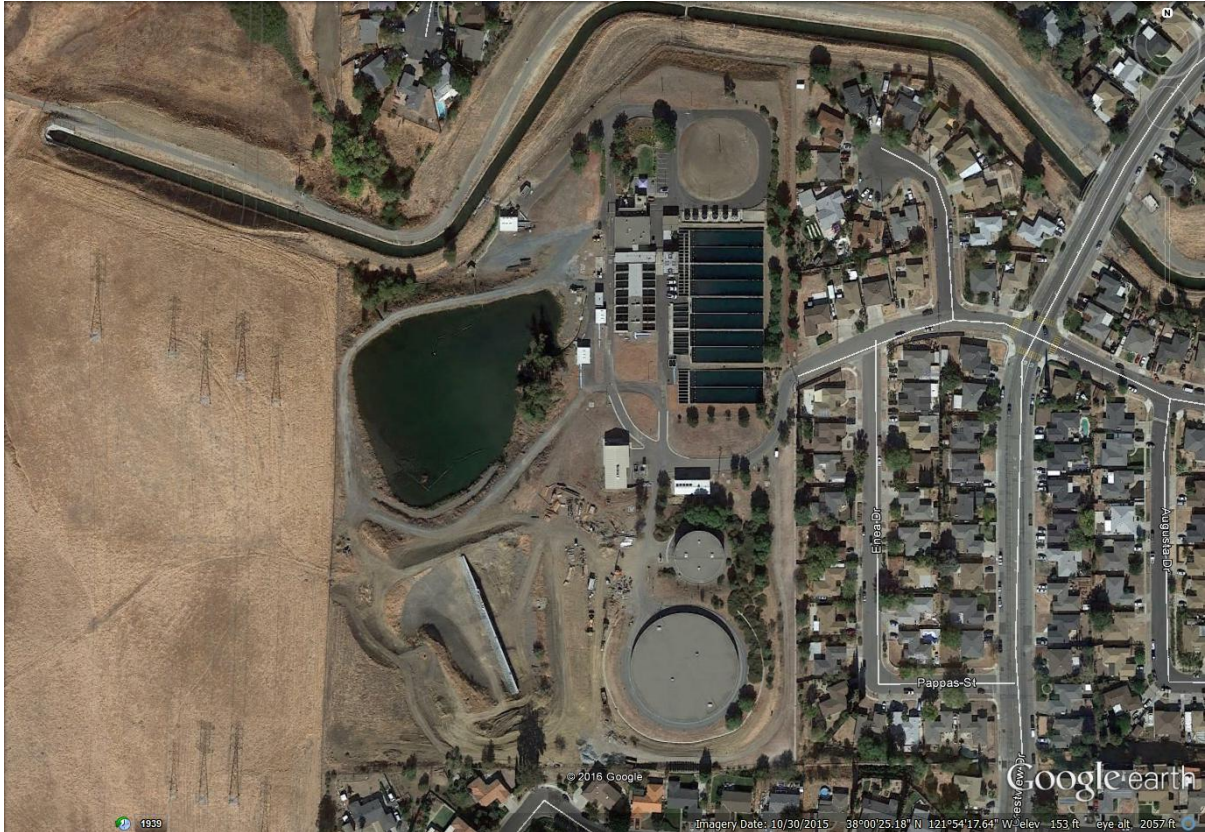
Funding Sources:

Eligible Funding Source: Water Operations Fund

Identified Funding: None

Project Description:

This project will construct improvements to the water distribution system to facilitate modifications of pressure zone boundaries in the problem areas of pressure Zone 2.



W-6: 2017/18 WTP CAPITAL REPAIRS AND IMPROVEMENTS

Project No.
TBD

Status:
Funded

Estimated Project Cost:
\$75,000

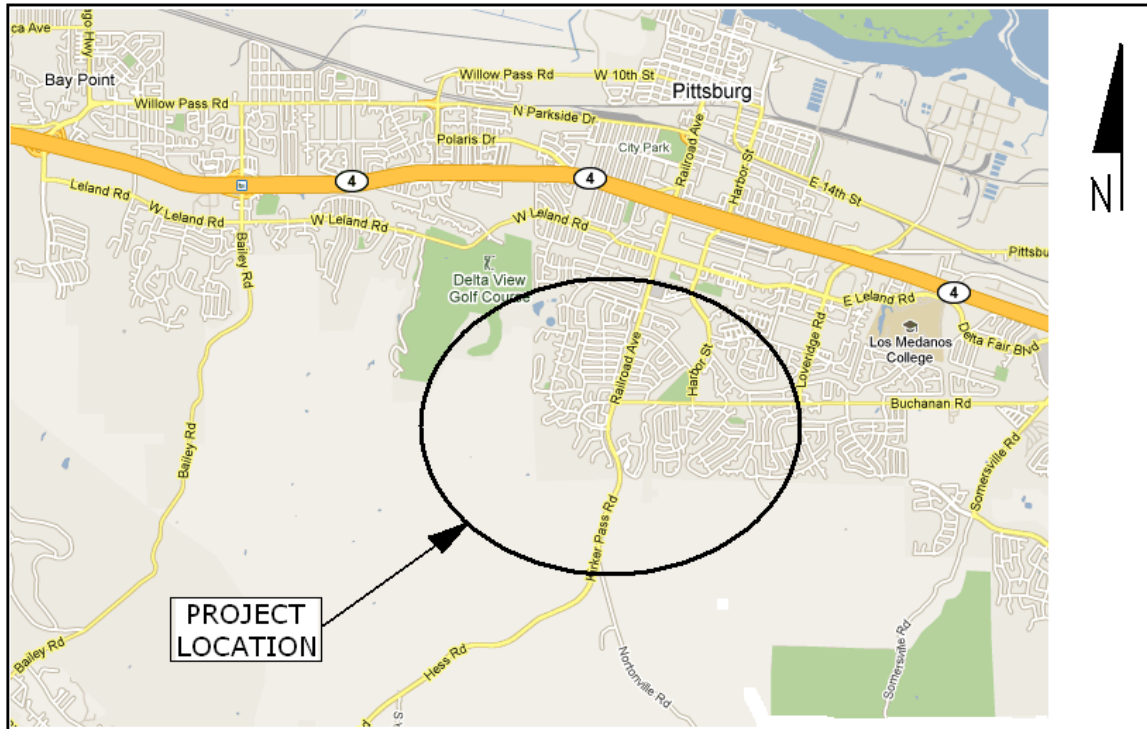
Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WOF
Identified Funding: \$75,000 WOF

Project Description:

This project will provide upgrades to facilities at the Water Treatment Plant as needed by WTP staff.



W-7 : WATER MAIN BUCHANAN ROAD (Phase 2)

Project No.
TBD

Status:
Waiting for development demand

Estimated Project Cost:
\$1,522,000

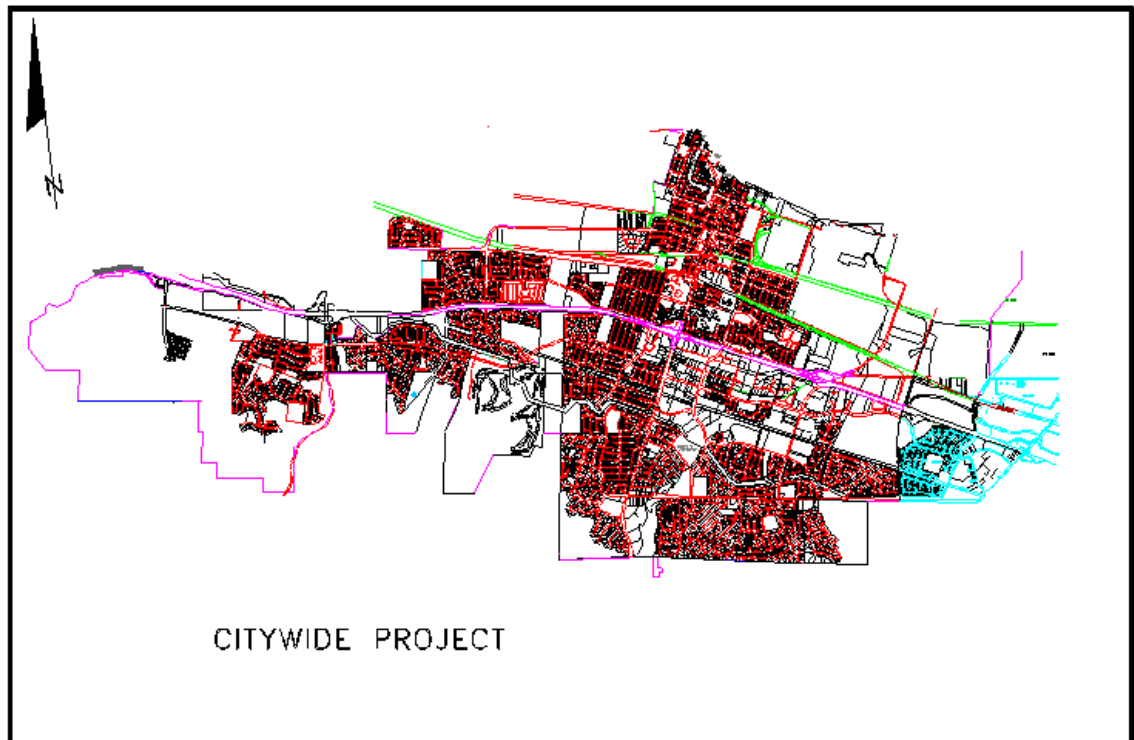
Project Limits:
Water Treatment Plant to Railroad, Loveridge to Ventura

Funding Sources:

Eligible Funding Sources: WRF/FRC Developer

Project Description:

This project will provide a new water transmission line to meet domestic and fire flow requirements for existing development and new development in the southeast hills and infill development in Zone 2. (2015 Water Master Plan - segment 1)



W-8: 2020/21 WATER MAIN REPLACEMENT/ INSTALLATION PROGRAM

Project No.

Status:

Awaiting funding.

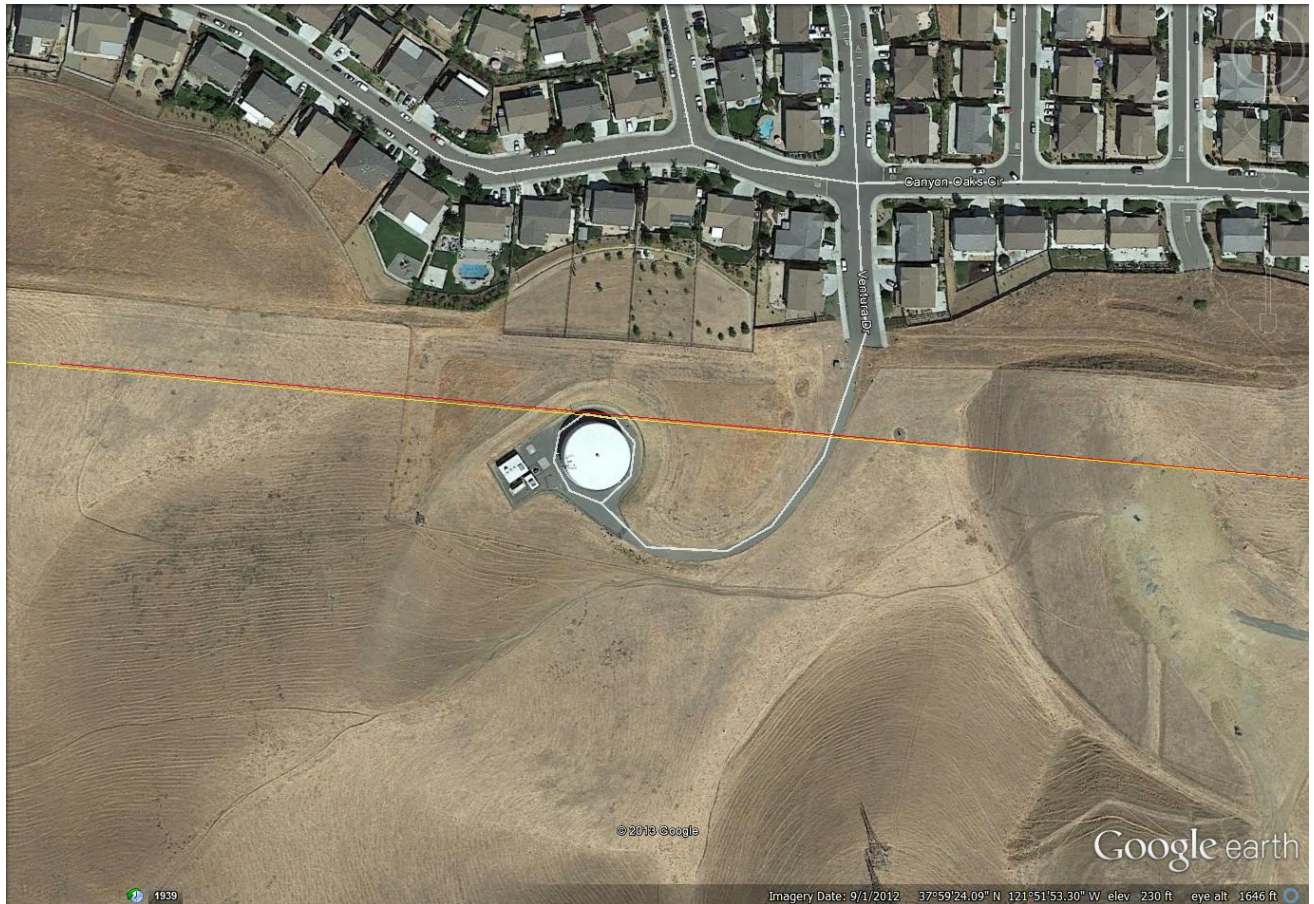
Estimated Project Cost:
\$3,000,000

Project Limits:
TBD

Operation and Maintenance
\$0/year

Funding Sources:
Eligible Funding Source: WOF
Identified Funding:

Project Description: Project will identify and replace water mains, services, and valves that have reached the end of their useful life and have become maintenance problems, and/or install mains to improve fire flow in localized areas.



W-10: HIGHLANDS RANCH RESERVOIR RECOATING

Project No.
To be determined

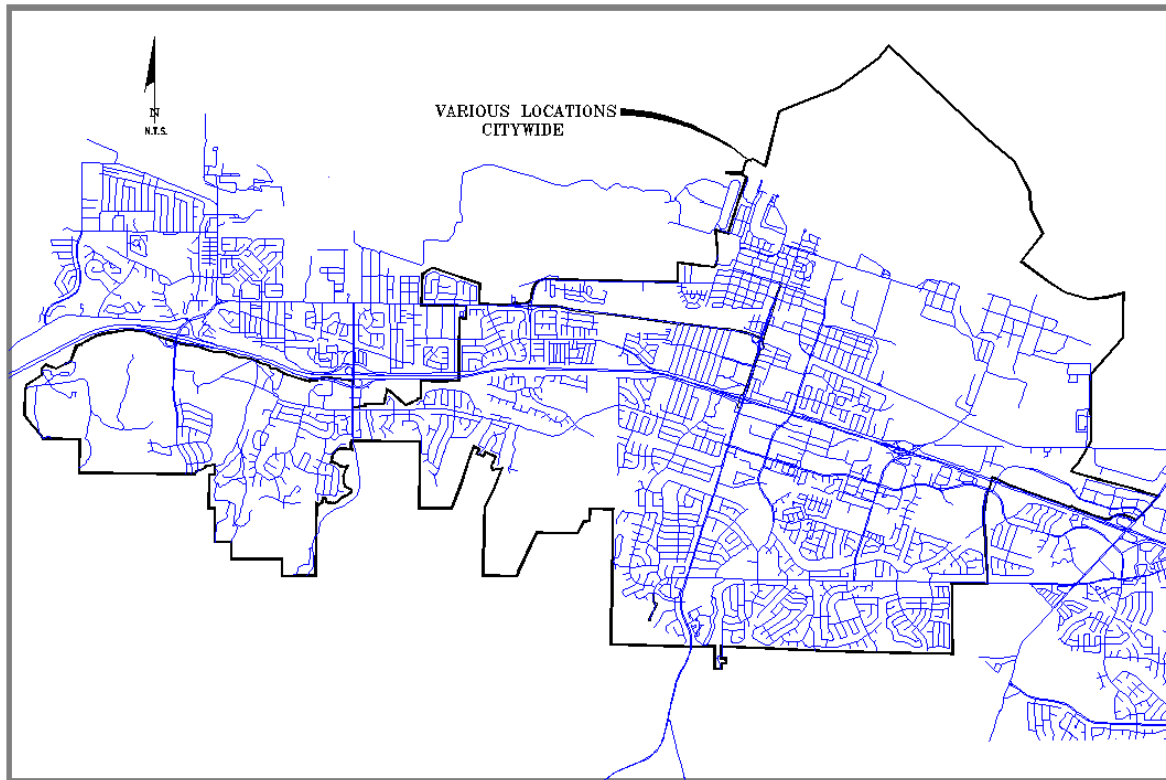
Status:
Awaiting funding

Estimated Project Cost:
\$200,000

Project Limits:
Highland Ranch Reservoir

Funding Sources
Eligible Funding: Water Operations Fund
Identified Funding; None

Project Description:
Recoating of the inside and painting the outside of Highlands Ranch Reservoir. The 1.0 million gallon steel reservoir is showing signs of coating failure after 17 years. Coatings usually last 25 years. Failure to address coating failure in a timely manner will lead to accelerated corrosion and more costly repairs.



W-11: AUTOMATIC METER READING SYSTEM

Project No.

To be determined

Status:

\$1,956,793 previous funding for ongoing meter replacement

Estimated Project Cost:

\$250,000 FY 17-18

Project Limits:

Water System

Operation and Maintenance

Savings

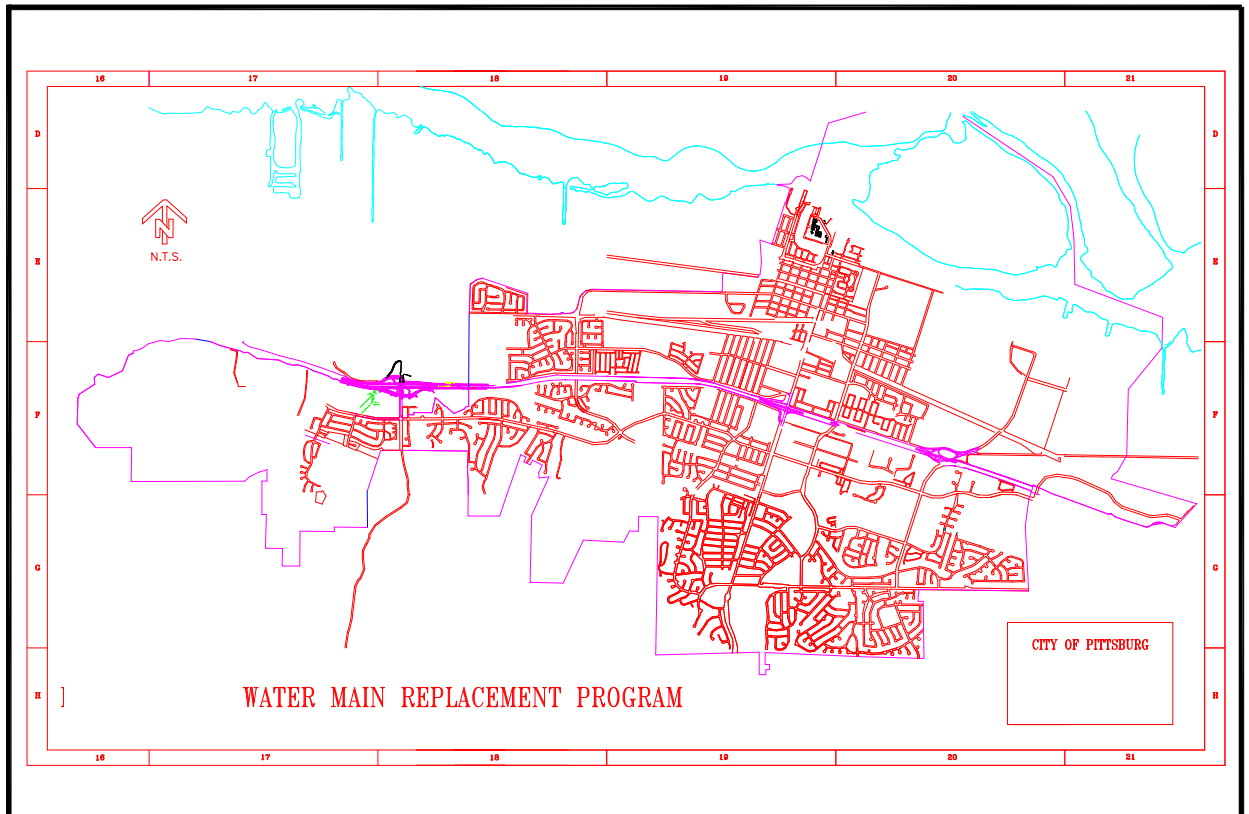
Funding Sources

Eligible Funding: Water Operations Fund

Identified Funding: \$250,000 WOF

Project Description:

Conversion of hard-to-read meters to radio read. Include Automatic Meter Reading system and replacement meters to convert an additional 1,500 meters. Meters include those that are hard to read because they are inaccessible, such as those in backyards or industrial/commercial sites, those that can be hazardous to read in landscaped medians or other high traffic areas, or older meters that are due for replacement.



W-14: 2018/19 WATER MAIN REPLACEMENT/ INSTALLATION PROGRAM

Project No.

Status:

Awaiting funding.

Estimated Project Cost:
\$3,000,000

Project Limits:
TBD

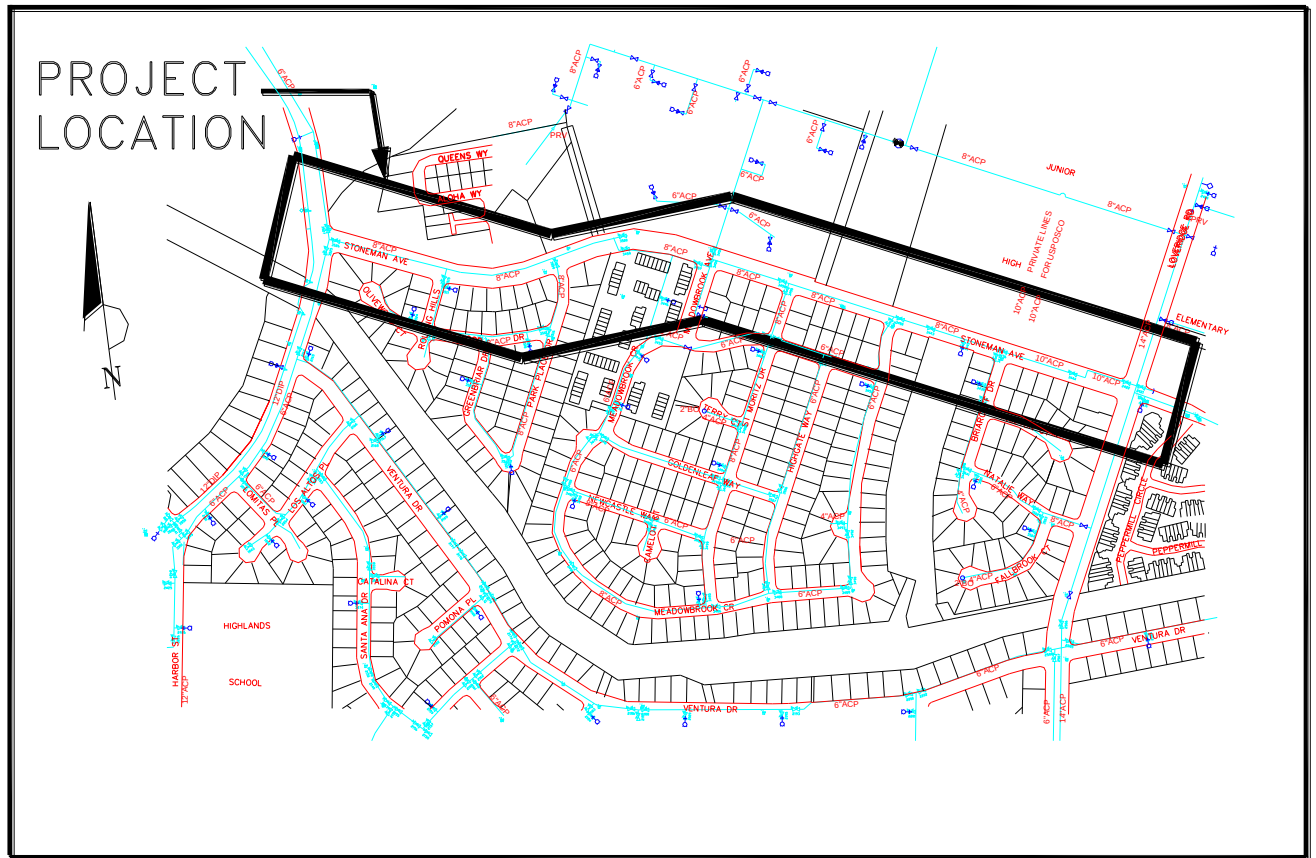
Funding Sources:

Eligible Funding Source: WOF \$3,000,000

Identified Funding:

Project Description:

Project will identify and replace water mains, services, and valves that have reached the end of their useful life and have become maintenance problems, and/or install mains to improve fire flow in localized areas.



W-15: 12-INCH WATER MAIN STONEMAN AVE (HARBOR ST. TO LOVERIDGE ROAD)

Project No.

To be determined

Status:

Awaiting funding.

Estimated Project Cost:

\$800,000

Project Limits:

Stoneman Avenue from Harbor St. to Loveridge Rd.

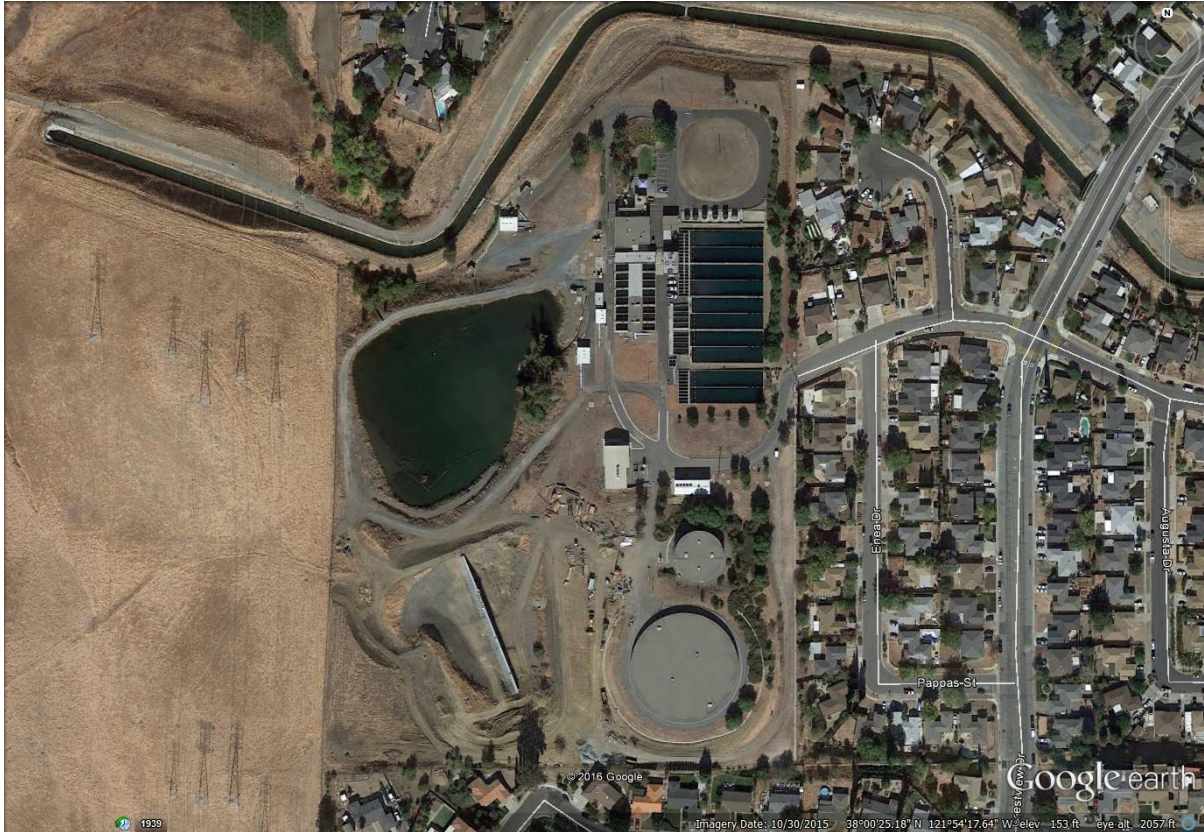
Funding Sources:

Eligible Funding Source: WOF

Identified Funding:

Project Description:

This project provides for the installation of approximately 3,300 feet of 12-inch transmission main along Stoneman Avenue, from Harbor Street to Loveridge Rd. This project will provide additional system looping to enhance pressures and fire protection capabilities in Zone 2.



W-16: WATER TREATMENT PLANT CAPACITY IMPROVEMENTS/SLUDGE HANDLING PHASE 1B

Project No.
2012-16B

Status:
Nearly complete

Estimated Project Cost:
\$3,639,607

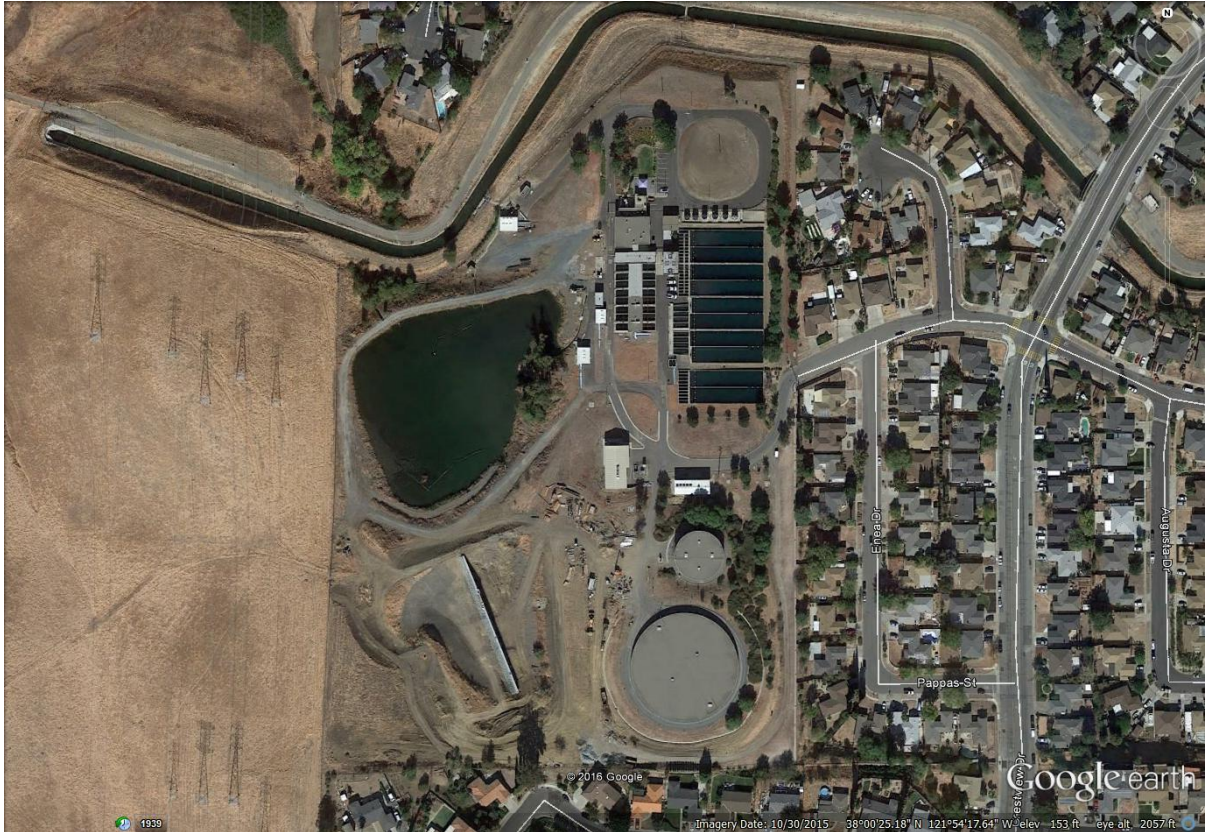
Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: Water FRC, I-bank, Water Bonds, WOF
Identified Funding: \$1,683,376 I-bank, 250,000 WFR(509), \$1,725,000 Water Bond, \$55,161 WOF

Project Description:

This project will provide modifications for WTP sludge handling and other improvements required to handle higher plant production levels as a result of system growth. The project would be constructed in phases, as necessitated by need and growth.



W-17: 2016/17 WATER TREATMENT PLANT SLUDGE REMOVAL

Project No.
TBD

Status:
Funded

Estimated Project Cost:
\$250,000

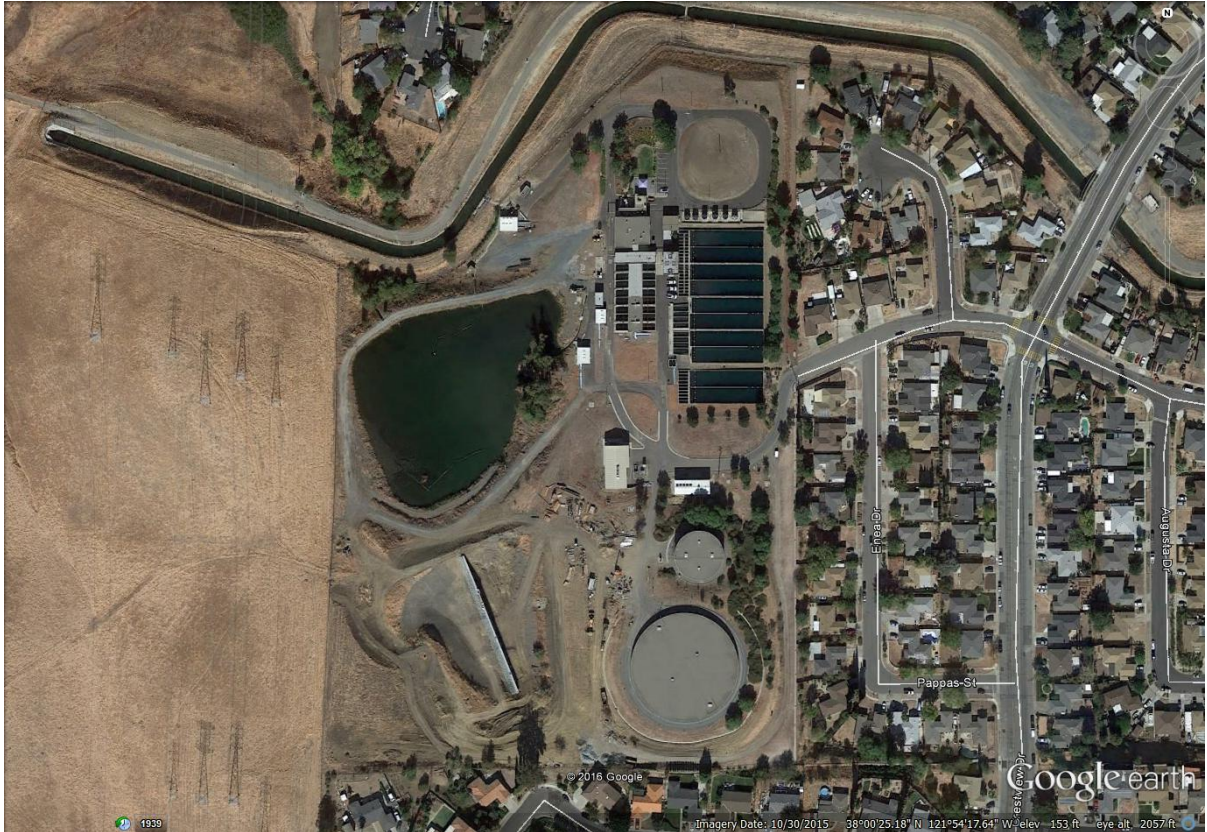
Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WOF
Identified Funding: WOF \$250,000

Project Description:

This project will remove sludge from the Water Treatment Plant drying basin.



W-65: 2018/19 WATER TREATMENT PLANT SLUDGE REMOVAL

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$350,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WOF
Identified Funding:

Project Description:

This project will remove sludge from the Water Treatment Plant.



W-21: CONVERT BACKYARD WATER SERVICES TO STREET SERVICE (Central Addition Neighborhood)

Project No.

To be determined

Status:

Awaiting funding.

Estimated Project Cost:

\$11,900,000

Project Limits:

Central Addition Neighborhood

Funding Sources:

Eligible Funding Source: Water Operations Funds

Identified Funding:

Project Description:

This project will provide for the conversion of existing backyard water services in the Central Addition Neighborhood to street side service. This project will provide for all work necessary to convert from private property to street service. This project will improve system reliability and reduce maintenance costs.



W-24: PITTSBURG-ANTIOCH HIGHWAY WATER LINE IMPROVEMENTS (Eastern Loop)

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$1,200,000

Project Limits:
Pittsburg-Antioch Highway from Loveridge to Century Blvd

Funding Sources

Eligible Funding Source: Developer
Identified Funding: None

Project Description:

This project will provide 4,000 feet of 18-inch water line to initiate water service to business along Pittsburg-Antioch Highway, east of Loveridge. It will run from the east end of California going east on P-A Hwy to approximately 500 ft west of the City's eastern limits and tie into Century Blvd to provide a looped system.



W-28: HIGHLANDS RANCH ZONE 2 RESERVOIR

Project No.
TBD

Status:
Awaiting funding.

Estimated Project Cost:
\$5,250,000

Project Limits:
Highlands Ranch Subdivision

Funding Sources:

Eligible Funding Source: WOF 44%,
Developer 56%
Identified Funding:

Project Description:

The 2015 Water System Master Plan has identified the need for a 1.4 million gallon reservoir in the southeast portion of the City serving Zone 2. This would be located at an elevation of about 360' above mean sea level.



W-29: WATER TREATMENT PLANT FILTER BACKWASH MANAGEMENT – 1.5 MGD PACKAGE TREATMENT UNIT (PHASE I)

Project No.

Status:

Funding Required

Estimated Project Cost:

\$1,500,000

Project Limits:

Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF

Identified Funding:

Project Description:

This project will construct a 1.5 million gallons per day (MGD) packaged treatment system for treating water filter backwash for recycling. A second treatment unit will be required in the future as the WTP gets closer to design capacity of 32 MGD.



W-30: WATER TREATMENT PLANT FILTER BACKWASH MANAGEMENT – 1.5 MGD PACKAGE TREATMENT UNIT (PHASE 2)

Project No.

Status:

Funding Required

Estimated Project Cost:
\$750,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a second 1.5 million gallons per day (MGD) packaged treatment system for treating water filter backwash for recycling. This second package system will allow the WTP to treat the maximum allowed recycled backwash water of 10% of the design capacity of 32 MGD.



W-31: WATER TREATMENT PLANT 0.5 MG FILTER BACKWASH BASIN

Project No.

Status:
Funding Required

Estimated Project Cost:
\$3,000,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a 0.5 million gallon (MG) backwash recycle basin with mixers to prevent settling prior to pumping the water to the backwash water package treatment units to be constructed with earlier projects.



W-32: WATER TREATMENT PLANT SLUDGE DEWATERING LAGOON

Project No.

Status:
Funding Required

Estimated Project Cost:
\$500,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a separate sludge dewatering lagoon using 0.5 acres of the 2.1 acre lower lagoon. This will allow separation of dewatering operations in the lower lagoon to be separated from the emergency overflow and storm water storage portion of the existing pond.



W-33: WATER TREATMENT PLANT MECHANICAL SLUDGE DEWATERING

Project No.

Status:
Funding Required

Estimated Project Cost:
\$2,000,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a mechanical sludge dewatering system for use once WTP operations reach 15 MGD. The current system of dewatering by natural evaporation is adequate for flows up to the 15 MGD threshold.



W-34: WATER TREATMENT PLANT WATER DISINFECTION MODIFICATION AND CONVERSION

Project No.

Status:
Funding Required

Estimated Project Cost:
\$2,500,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct modifications to the existing disinfection system at the WTP to convert from chlorine gas disinfection to sodium hypochlorite. Converting to sodium hypochlorite will reduce the regulatory and reporting burden on WTP staff and will improve safety for employees at the plant. This conversion is anticipated to be a regulatory requirement at some point in the future.



W-35: 2017/18 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 1 and 2)

Project No.

Status:
Funded

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-36: 2018/19 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 3 and 4)

Project No.

Status:

Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-37: 2019/20 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 5 and 6)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-38: 2020/21 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 7 and 8)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-39: 2021/22 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 1 and 2)

Project No.

Status:

Funding Required

Estimated Project Cost:
\$150,000

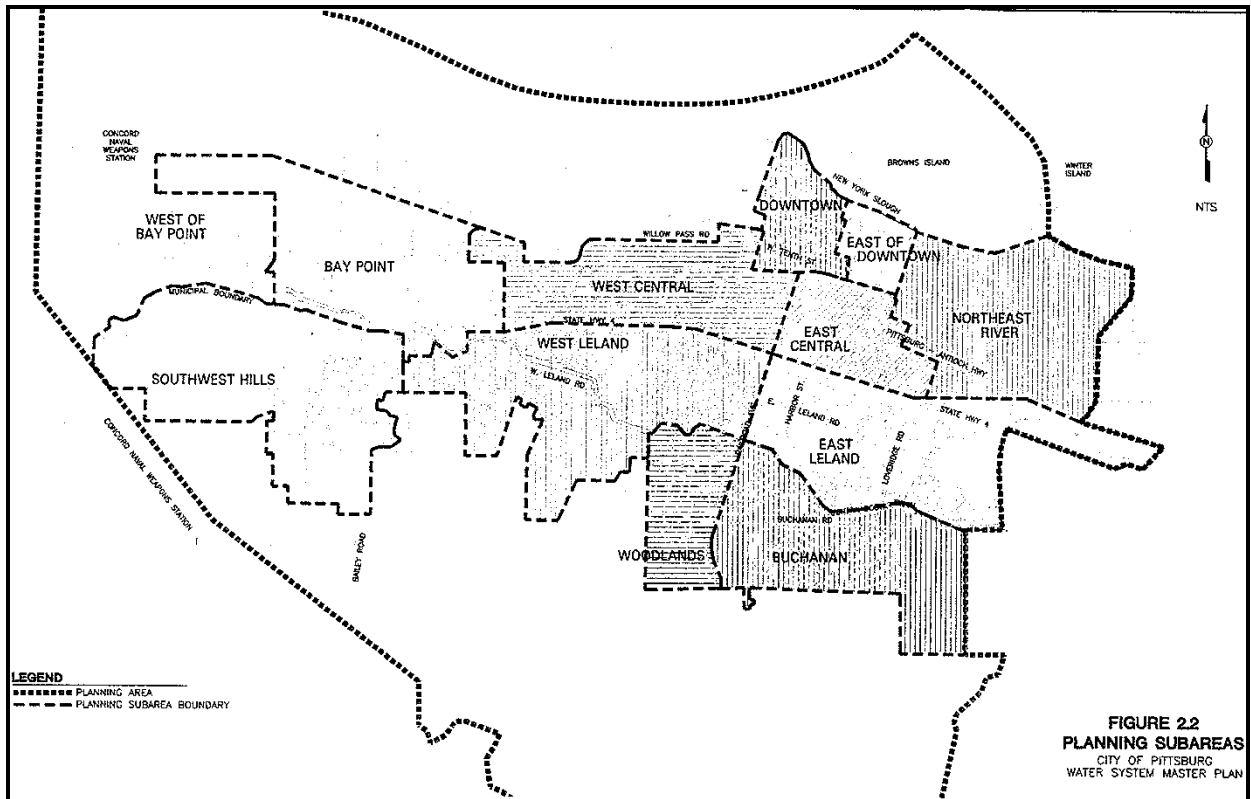
Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-50: 1.3 MG ZONE 1 WATER TANK

Project No.
TBD

Status:
Awaiting development demand.

Estimated Project Cost:
\$5,300,000

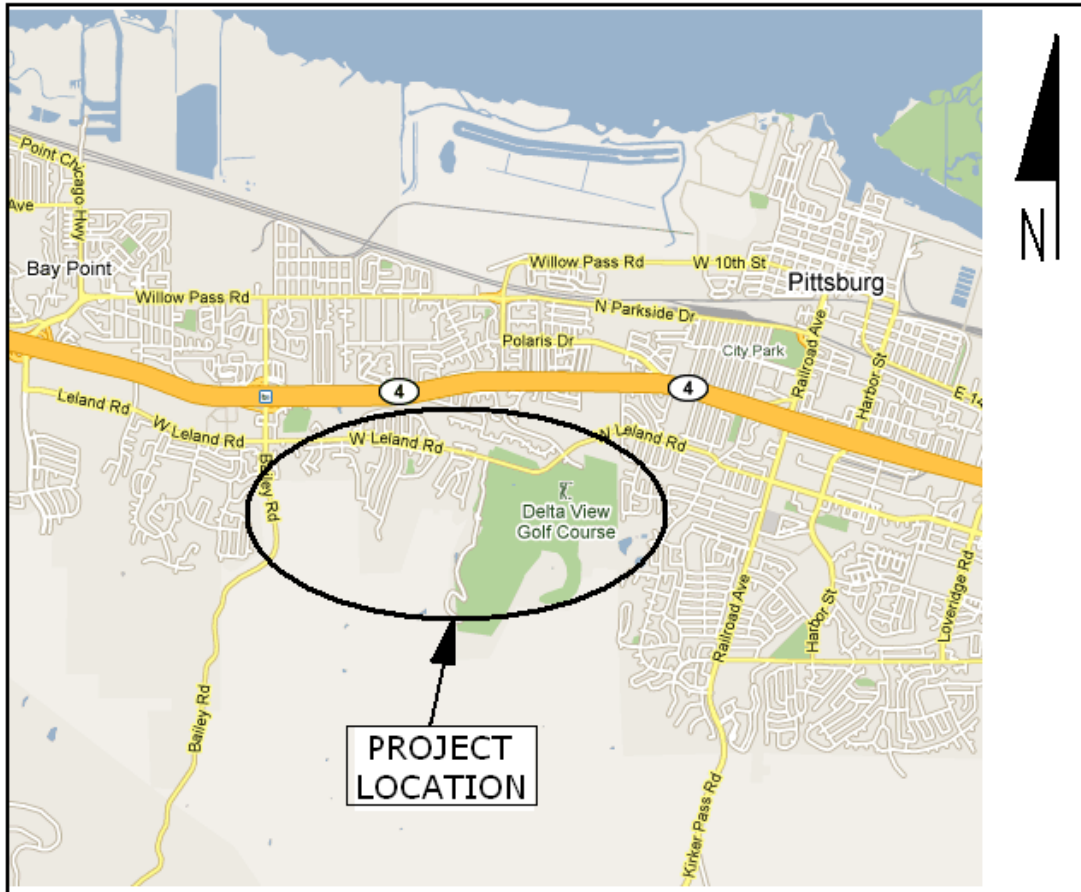
Project Limits:
Near Delta View Golf Course

Funding Sources:

Eligible Funding Source: Water Facility
Reserve Fund/Developer
Identified Funding: 100% Developer

Project Description:

This project will provide additional water storage to meet domestic and fire flow requirements for new infill development in Pressure Zone 1. (2015 Water System Master Plan)



W-61: 20" MAIN W. LELAND (WTP to SW Hills) PHASE 1 (Seg 3W, and 6W)

Project No.
TBD

Status:
Fully funded

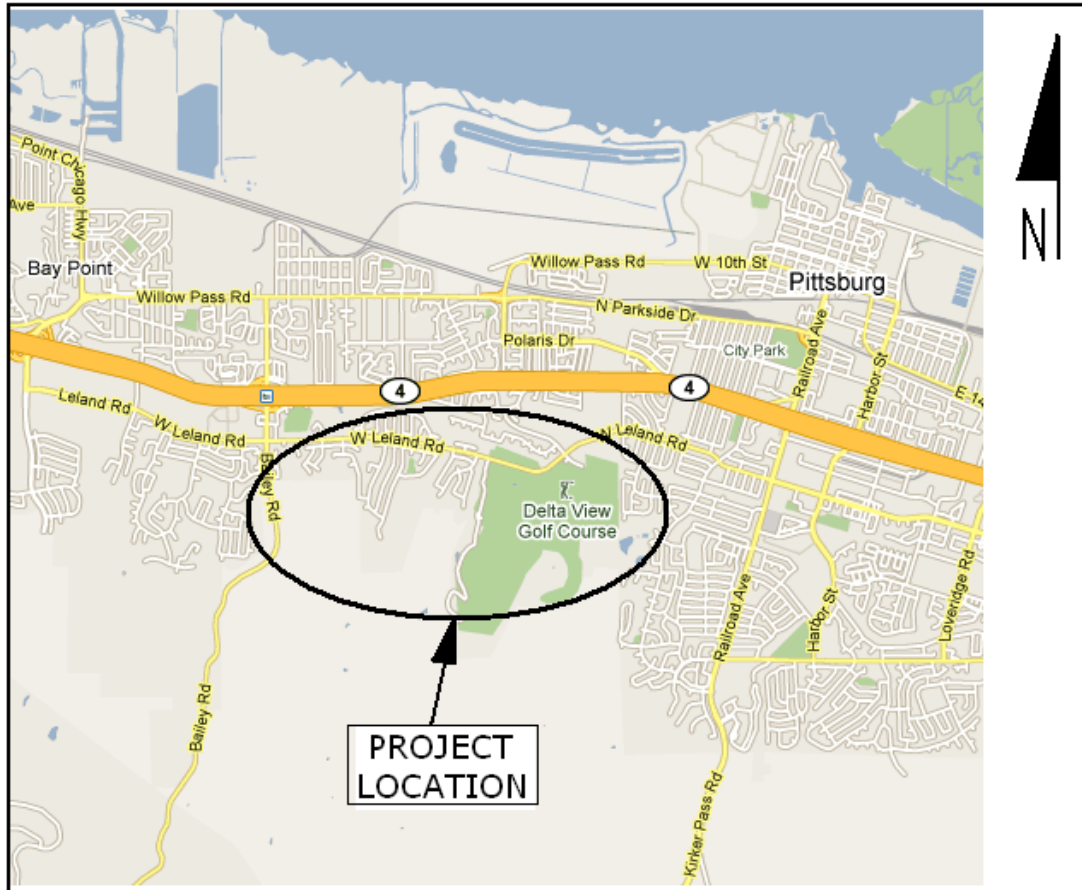
Estimated Project Cost:
\$3,000,000

Project Limits:
Water Treatment Plant to Bailey Road

Funding Sources:

Eligible Funding Source: Developer, Water Bonds
Identified funding: \$1,796,000 WFR,
\$1,204,000 2005 Wbond

Project Description: This project will provide for the incremental installation of a water transmission line to serve new development in the southwest hills. (2015 Water System Master Plan segments 3W and 6W).



W-63: 20" MAIN W. LELAND (WTP to SW Hills)(Seg 1W and 2W)

Project No.
TBD

Status:
unfunded

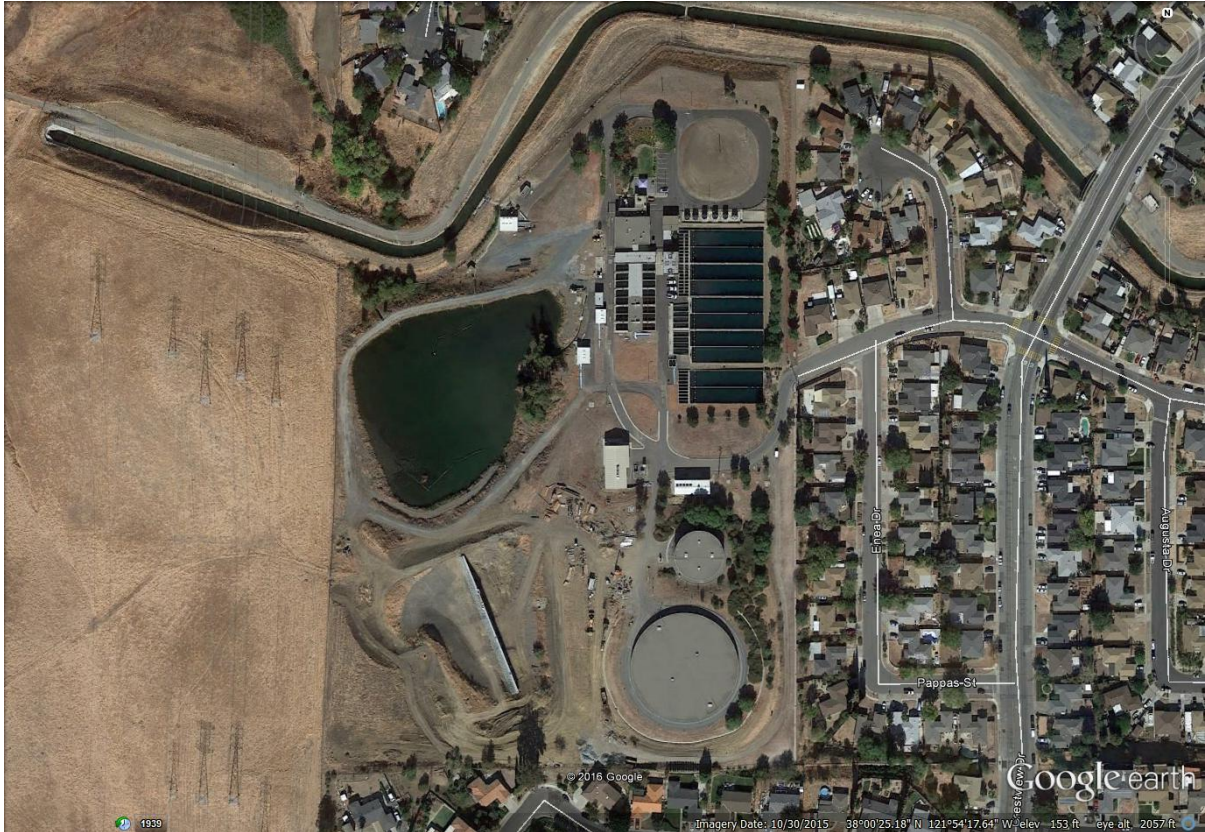
Estimated Project Cost:
\$2,700,000

Project Limits:
Water Treatment Plant to Bailey Road

Funding Sources:

Eligible Funding Source: Developer, Water Bonds
Identified funding: TBD

Project Description: This project will provide for the incremental installation of a water transmission line to serve new development in the southwest hills. (2015 Water System Master Plan segments 1W and 2W).



W-101: WTP CAPITAL REPAIRS/FILTER REHABILITATION

Project No.

TBD

Status:

Ongoing improvements at WTP includes previous FY funding

Estimated Project Cost:

\$1,267,146

Project Limits:

Water Treatment Plant

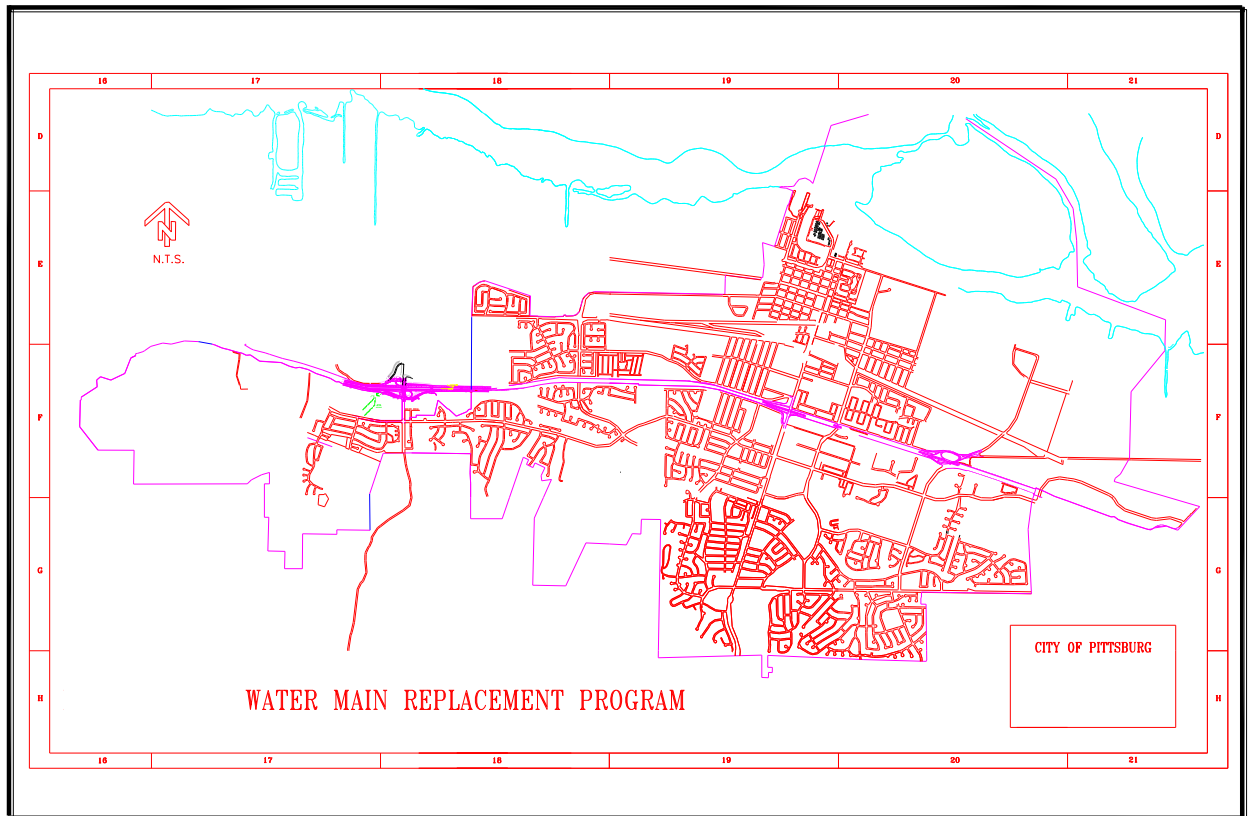
Funding Sources:

Eligible Funding Source: WOF

Identified Funding:

Project Description:

This project will provide upgrades to facilities at the Water Treatment Plant, including rehabilitation of filters. Filters were constructed in 1953 and 1973.



W-106: 2016/17 WATER MAIN REPLACEMENT/ INSTALLATION PROGRAM

Project No.

Status:

Requesting additional funding

Estimated Project Cost:

\$1,340,000

Project Limits:

TBD

Funding Sources:

Eligible Funding Source: WOF

Identified Funding:\$940,000 Water Bond,
400,000 WFR(503)

Project Description:

Project will identify and replace water mains, services, and valves that have reached the end of their useful life and have become maintenance problems, and/or install mains to improve fire flow in localized areas.

SEWER PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

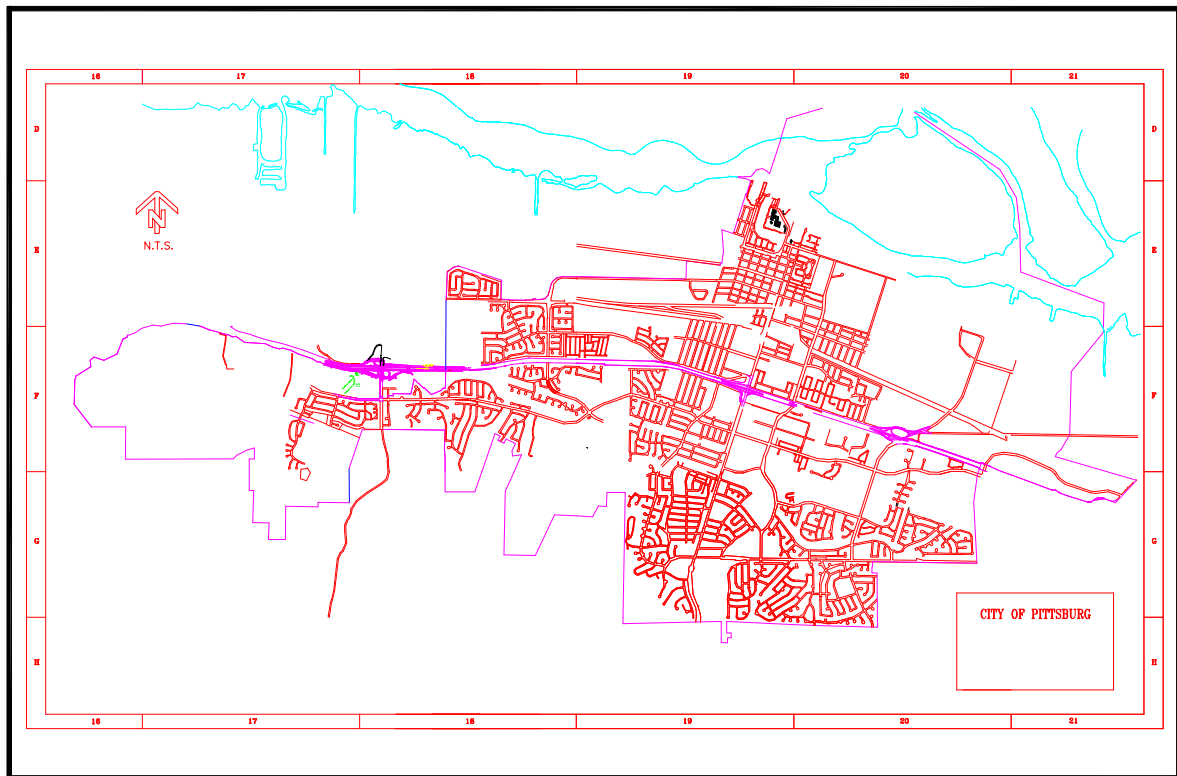
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



SS-1: CITYWIDE SEWER INSPECTION PROJECT

Project No.

To be determined

Status:

Funded

Estimated Project Cost:

\$112,410

Project Limits:

To be determined

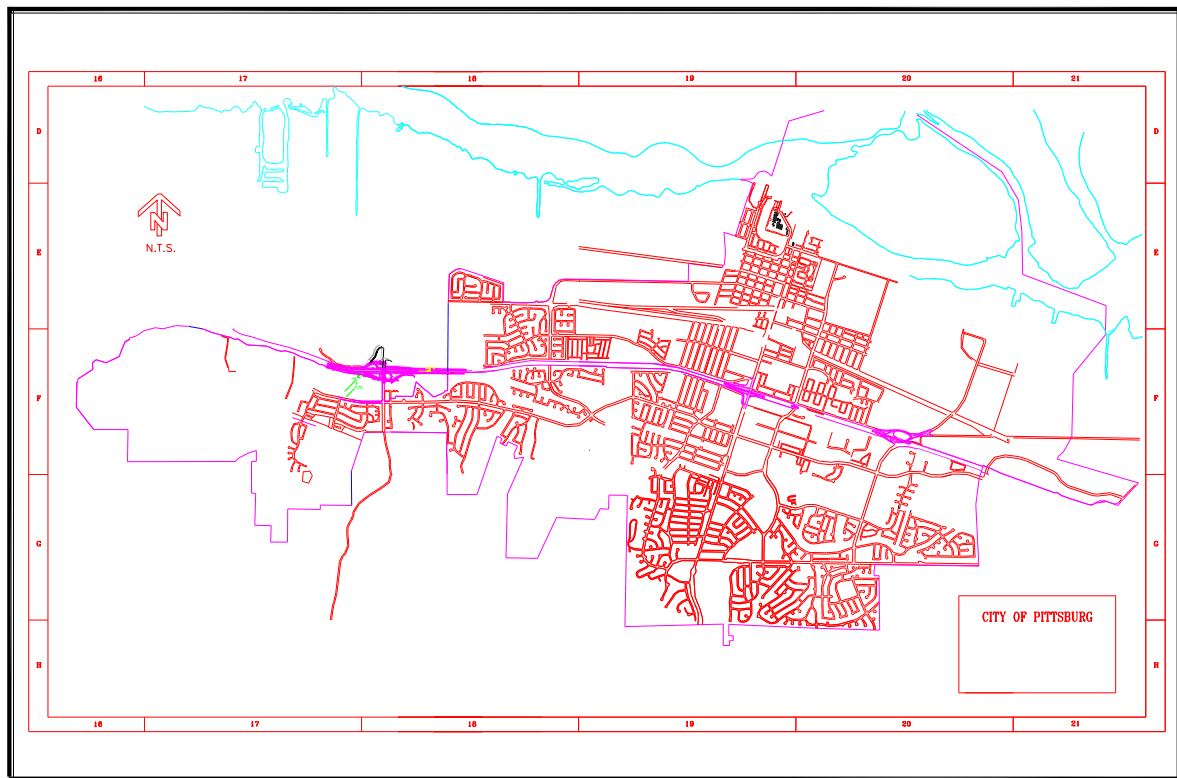
Funding Sources:

Eligible Funding Source: Sewer Operations Fund

Identified Funding Source: \$112,410 SOF

Project Description:

Project is for inspecting sewers throughout the City to determine replacement and rehabilitation needs for potential inclusion in future sewer replacement projects.



SS-3: FY 2019/20 SEWER REPLACEMENT PROGRAM

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$2,500,000

Project Limits:

To be determined

Operation and Maintenance

\$0/year

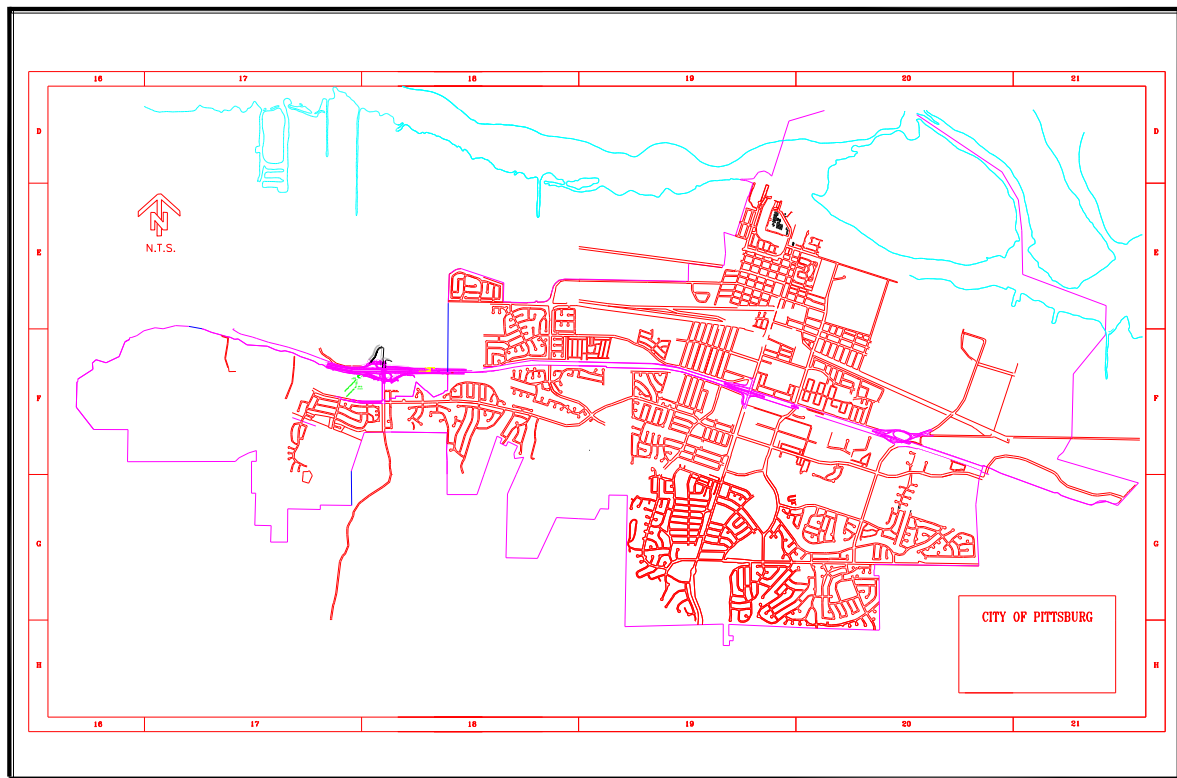
Funding Sources:

Eligible Funding Source: Sewer Operations Fund

Identified Funding Source: \$2,500,000 SOF

Project Description:

Project will replace older sewer mains and laterals lines in the core (central) portions of the City that have higher maintenance and lower reliability.



SS-4: SEWER MASTER PLAN UPDATE

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$175,000

Project Limits:

Citywide

Operation and Maintenance

\$0/year

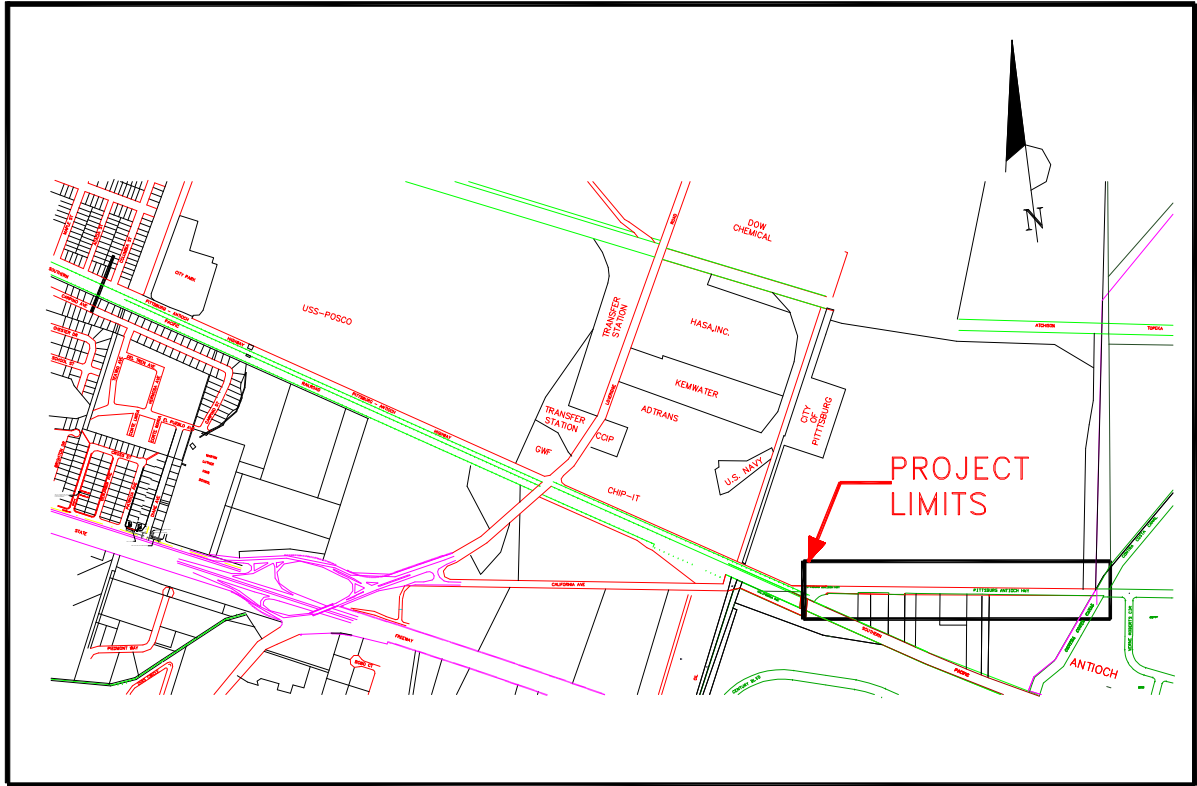
Funding Sources:

Eligible Funding Source: Sewer Operations Fund

Identified Funding Source: \$175,000 SOF

Project Description:

The City's sewer master plan was last fully updated in 2003. There have been three amendments to the master plan over the years, with the last being completed in 2011. This project is for a full update of the sewer master plan.



SS-20: PITTSBURG/ANTIOCH HIGHWAY SEWER LINE IMPROVEMENTS

Project No.

To be determined

Status:

Awaiting Property Owner participation/Funding

Estimated Project Cost:

\$605,000

Project Limits:

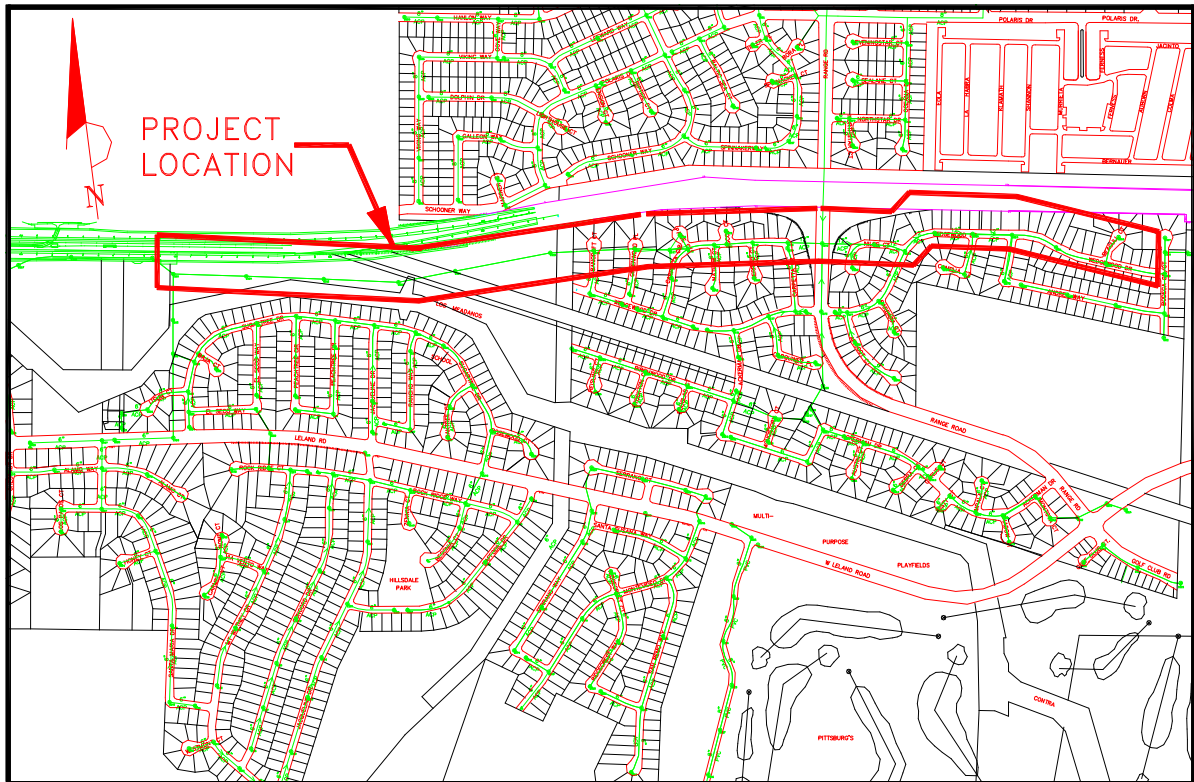
Pittsburg Antioch Highway from Delta Diablo Sanitary District manhole to approximately 3200' west.

Funding Sources:

Eligible Funding Source: Developer/Sewer Operations Fund
Identified Funding Source: None

Project Description:

This project will provide for the installation of approximately 3200 lf of 10" sewer line and laterals to connect to Delta Diablo Sanitary District manhole.



SS-23: HIGHWAY 4 TRUNK LINE RELIEF (Segment A)

Project No.
2007-09

Status:
Studies complete

Estimated Project Cost:
\$3,000,000

Project Limits:
From east of Bailey Road to PG&E easement

Operation and Maintenance
\$0/year

Funding Sources:
Eligible Funding Source: Sewer Facility
Reserve Fund
Identified Funding Source: \$200,000 SFR

Project Description:

This project is the easterly segment (7,000 ft.) of the Highway 4 sewer trunk line that runs from Bailey Road to the PG&E easement, a total of 9,500 ft. This will be an increase from 12-inch pipe to 15-inch to accommodate new development.



SS-24: BART SPECIFIC PLAN SEWER MAIN

Project No.

Status:

Awaiting funding.

Estimated Project Cost:

\$284,000

Project Limits:

Bailey Road Bart Station Area

Funding Sources:

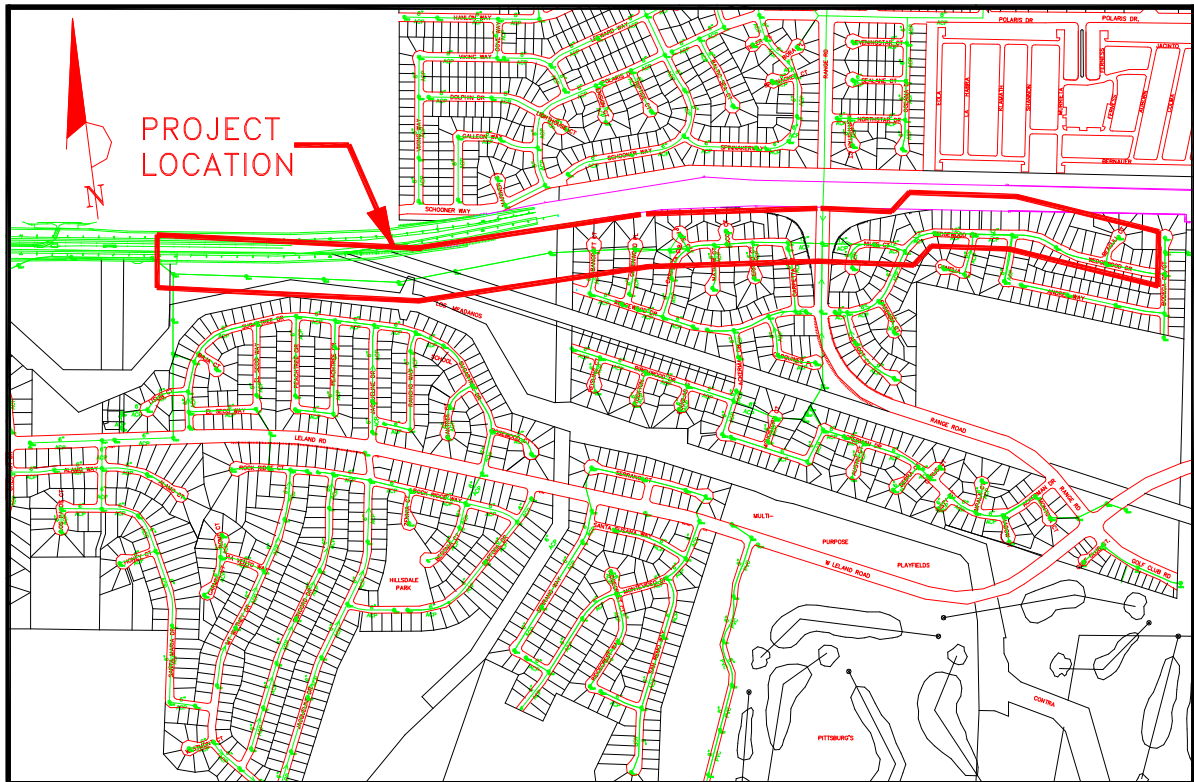
Eligible Funding Source: Sewer Facility

Reserve Fund

Identified Funding Source: None

Project Description:

This project is contingent on development north of West Leland Road, west of Bailey Road. This project will construct a parallel 8" pipe parallel to Highway 4 on the south side and will be approximately 1000' long to improve capacity for future development.



SS-29: HIGHWAY 4 TRUNK LINE RELIEF (Segment B)

Project No.

Status:

Awaiting funds.

Estimated Project Cost:

\$1,554,000

Project Limits:

From Bailey Road to east.

Operation and Maintenance

\$0/year

Funding Sources:

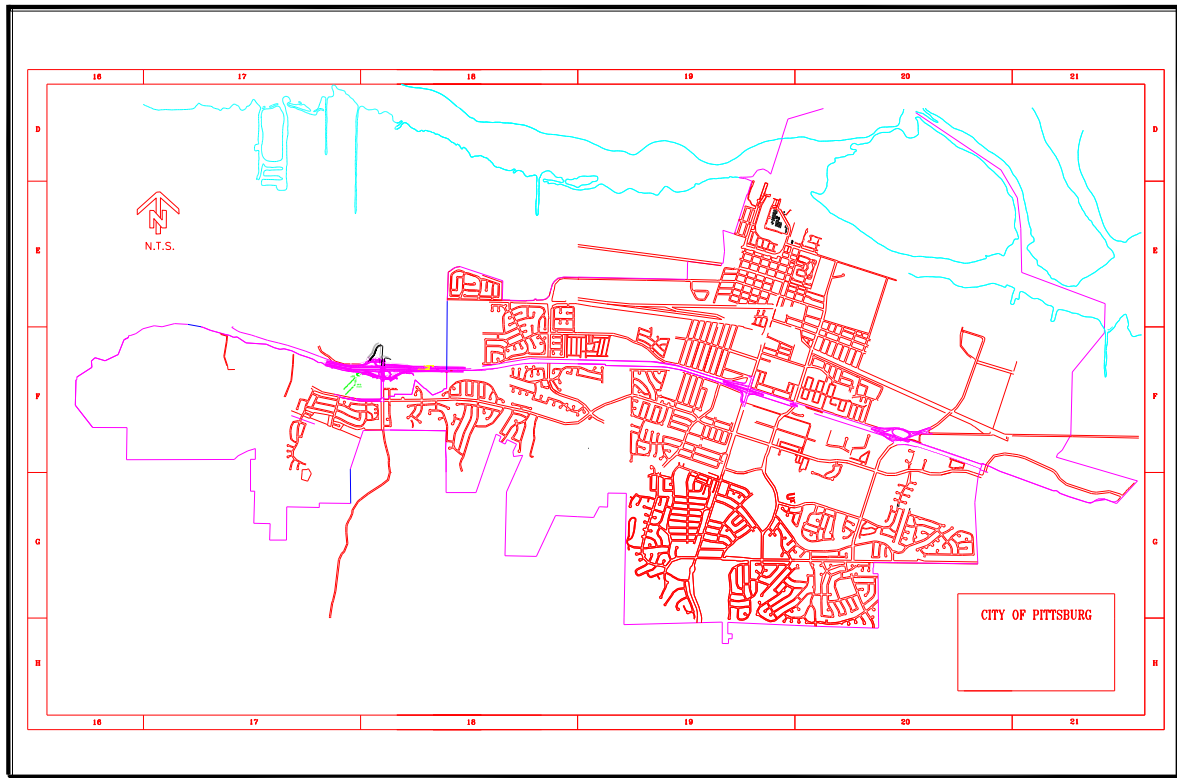
Eligible Funding Source: Sewer Facility

Reserve Fund

Identified Funding Source: Developer Fees

Project Description:

This project is the western segment (2,500 ft.) of the Highway 4 sewer trunk line that runs from Bailey Road to the PG&E easement, a total of 9,500 ft. This will be an increase from 12-inch pipe to 15-inch to accommodate new development.



SS-30: FY 2014/15 SEWER REPLACEMENT PROGRAM

Project No.
2012-15

Status:
In design

Estimated Project Cost:
\$10,000,000

Project Limits:
Citywide

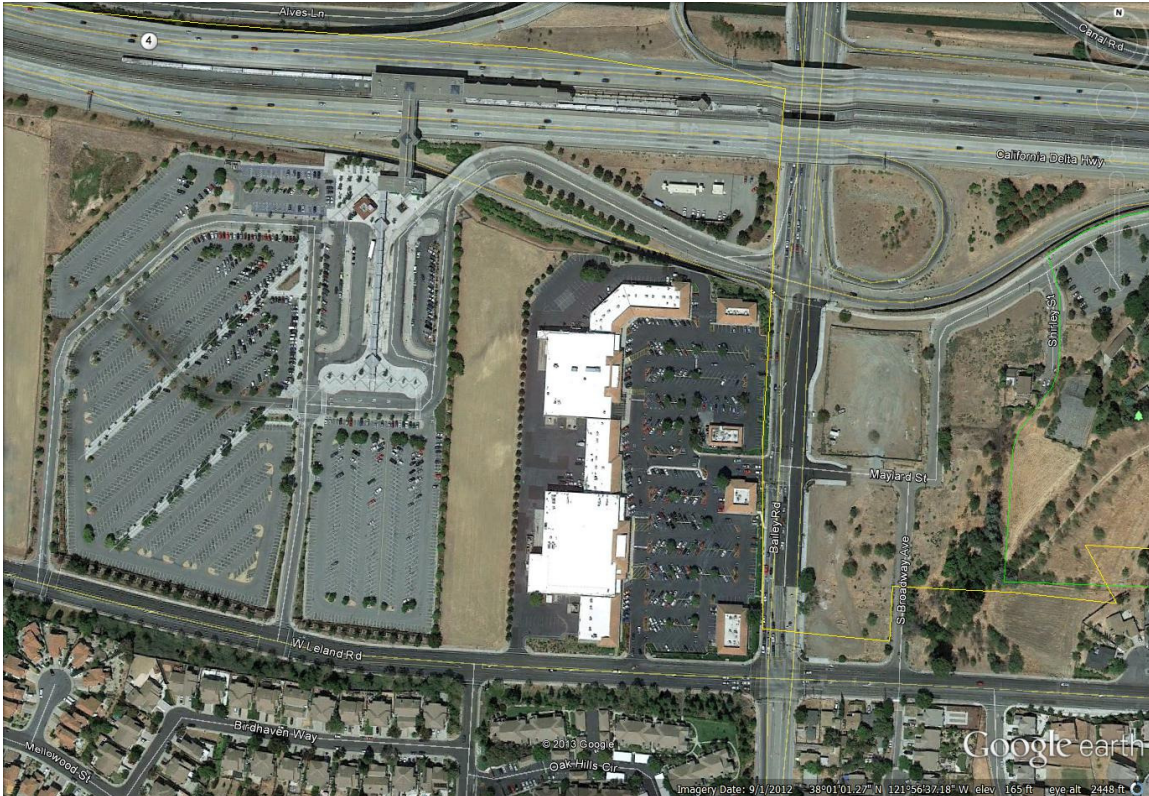
Funding Sources:

Eligible Funding Source: Sewer Operations Fund, WOF, WFR

Identified Funding Source: \$8,300,000 SOF, \$950,000 WOF, \$750,000 WFR

Project Description:

Project will replace sewer lines that are maintenance problems. Water funds are added for the replacement of water mains with this project.



SS-31: OAK HILLS CENTER SEWER MAIN

Project No.
TBD

Status:
Awaiting funding and development.

Estimated Project Cost:
\$650,000

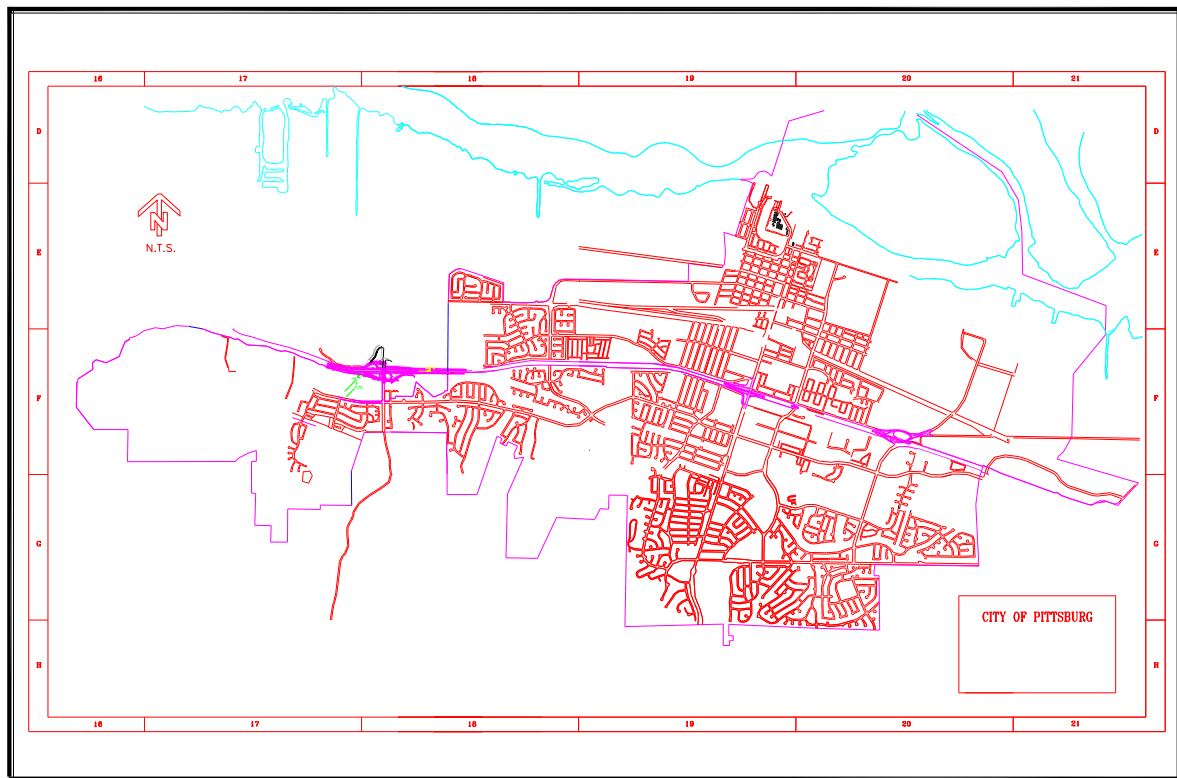
Project Limits:
Behind Oak Hills Center adjacent to Bailey Road

Funding Sources:

Eligible Funding Source: Sewer Facility Reserve Fund
Identified Funding Source: None

Project Description:

This project is contingent on future development. It will increase capacity of the existing 1,300 foot long 6" sewer by pipebursting to an 8" diameter sewer. of the Smith property and Bailey Estates. The exact alignment of the pipe will be determined through design.



SS-34: FY 2016/17 SEWER REPLACEMENT PROGRAM

Project No.

To be determined

Status:

Being designed

Estimated Project Cost:

\$3,500,000

Project Limits:

To be determined

Operation and Maintenance

\$0/year

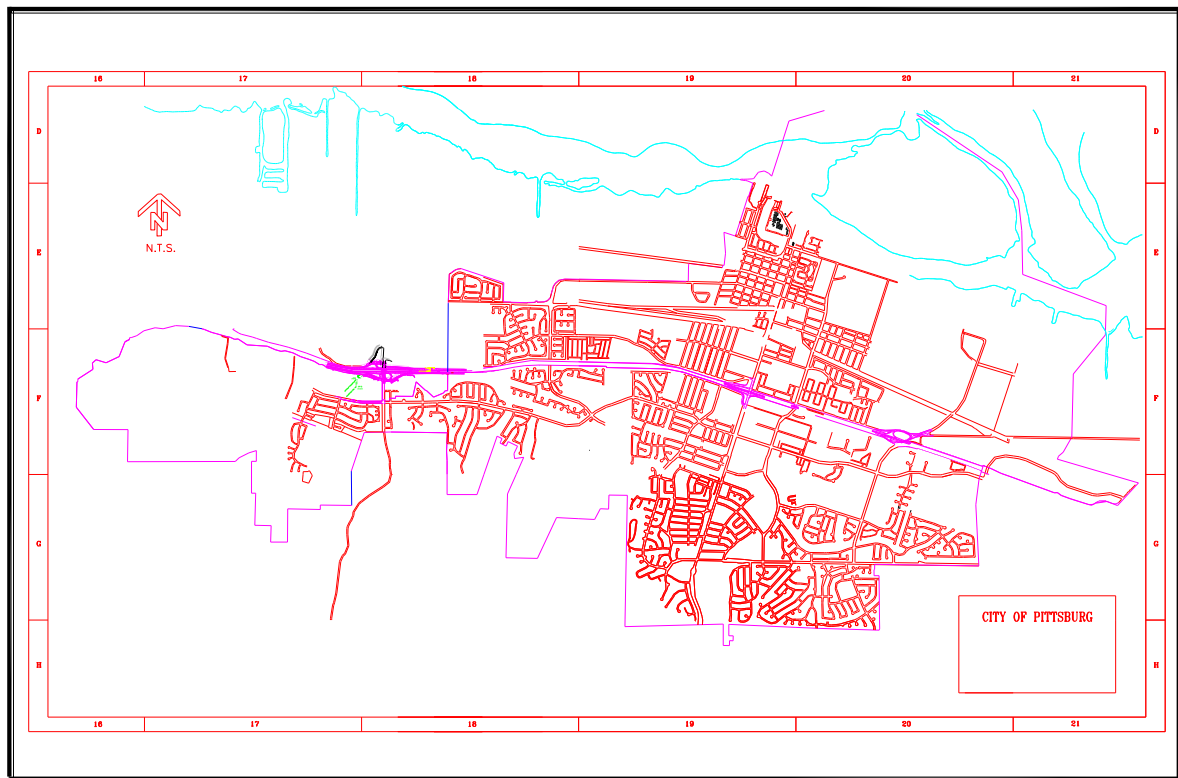
Funding Sources:

Eligible Funding Source: Sewer Operations Fund

Identified Funding Source: \$3,500,000 SOF

Project Description:

Project will replace sewer lines that are maintenance problems. The bulk of this project will be the neighborhood north of School Street. Other areas will be added as needed. This project will be funded with water funds to replace water mains in the same area.



SS-36: FY 2020/21 SEWER REPLACEMENT PROGRAM

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$3,500,000

Project Limits:

To be determined

Operation and Maintenance

\$0/year

Funding Sources:

Eligible Funding Source: Sewer Operations Fund

Identified Funding Source: \$3,500,000 SOF

Project Description:

Project will replace older sewer mains and laterals lines in the core (central) portions of the City that have higher maintenance and lower reliability.

STORM DRAIN PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

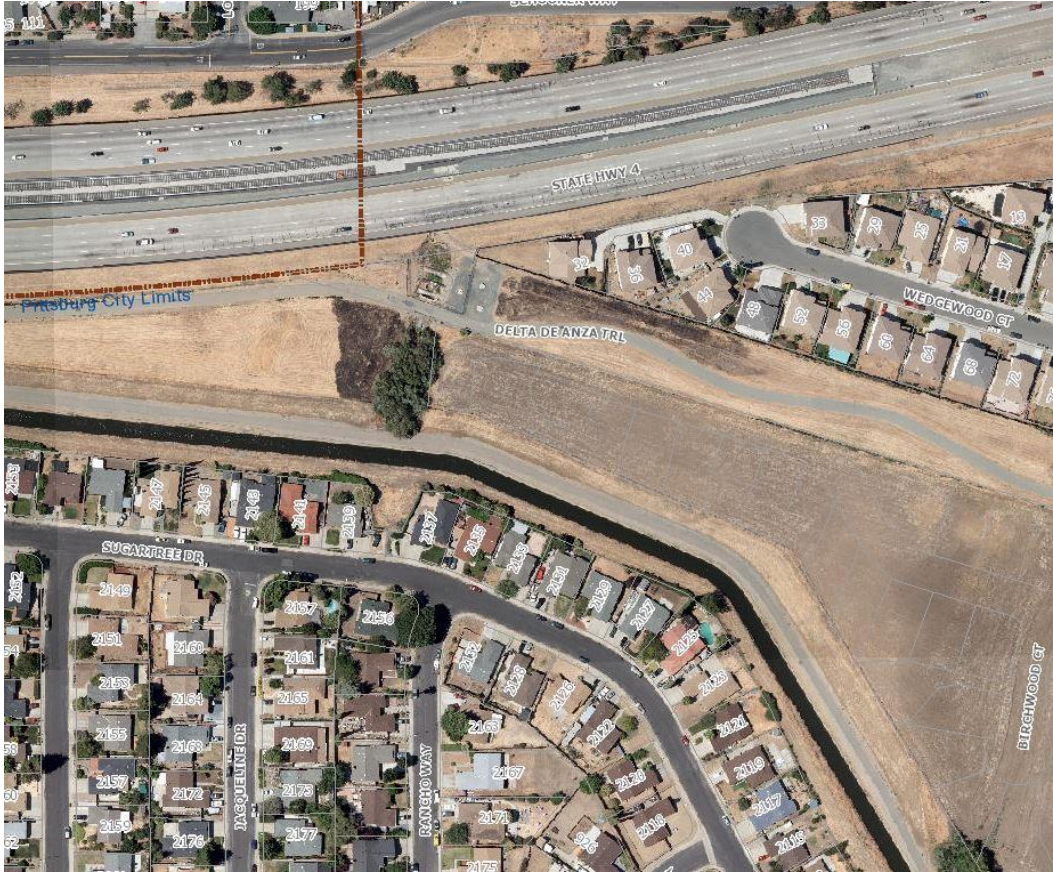
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



SD-1: SUGARTREE CHANNEL (Contra Costa Canal to East Bay Municipal Utility District)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$675,000

Project Limits:

Storm drain channel from Contra Costa Canal to EBMUD corridor

Funding Sources:

Eligible Funding Source: Potential FEMA grant

Identified Funding Source: None

Project Description:

This project is to excavate and widen a channel that has become severely silted up and overgrown with willow trees. This area has become a bottleneck for storm water flows. The restricted flow has caused flooding on Sugartree Drive during major storm events. Staff is preparing a grant request from FEMA to assist with funding.



SD-3: FULL TRASH CAPTURE DEVICE (CALIFORNIA AVENUE AND LOVERIDGE ROAD)

Project No.

Status: Not Funded

Estimated Project Cost:
\$250,000

Project Limits: South eastern corner of
Loveridge Road and California Avenue

Operation and Maintenance
Minimum of twice per year
or as required.

Funding Sources:
Grants

Project Description:

This project involves installation of 50 linear feet of 36" Storm Flo Full Trash Capture screens, concrete foundation and overflow weir.

Installation of this device will help the City meet its required trash generation load reduction goals by capturing trash generated from approximately 90 acres of high and medium generation areas.



SD-5: W. 8th STREET STORM DRAIN PUMP STATION

Project No.

Status: Not Funded

Estimated Project Cost:
\$ 180,000

Project Limits: End of box culvert north of the
end of W. 8th Street

Operation and Maintenance

Funding Sources: IRRF
Identified Funding:

Project Description:

This project will install a dewatering pump to remove standing water in the box culvert north of W. 8th Street. Removal of the water will reduce silt buildup in the box culvert and prevent standing water in the box culvert on W. 8th Street which currently remains full of water year round since it is tied to the box culvert by a 12" storm drain pipe.



SD-6 STORM WATER DIVERSION FOR KIRKER CREEK EAST OF LOVERIDGE ROAD

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$1,250,000

Project Limits:
(Project is from intersection of East California Ave. and Loveridge Rd. to Kirker Creek Channel along Pittsburg Antioch Hwy.)

Funding Sources
Eligible Funding Sources: Kirker Creek Fund
Identified Funding: TBD

Project Description:
To construct an overflow storm drain line to accept additional storm water capacity in a line that was constructed with Highway 4 widening from an existing 25 year storm to a 50 year storm



SD-7: WEST LELAND ROAD STORM DRAIN IMPROVEMENTS (CRESTVIEW DRIVE TO BURTON AVENUE)

Project No.
TBD

Status:
unfunded

Estimated Project Cost:
\$680,000

Project Limits:
South west corner of Crestview Dr and West Leland Rd to Burton Ave.

Funding Sources
Identified Funding: none

Project Description:

Construct new storm drain pipeline with inlets to prevent street flooding. Pipeline will begin with inlets located at the south west corner of Crestview Drive and West Leland Road.



SD-8 STORM DRAIN REPAIR PROJECT (2 LOCATIONS)

Project No.
TBD

Status:
Deficiencies Identified.

Estimated Project Cost:
\$275,000

Project Limits:
Location 1 - Buchanan Road East of Harbor Street
Location 2 - W Leland Road at John Henry
Johnson Drive

Funding Sources
Eligible Funding Sources: IRRF, Measure J, Gas
Tax
Identified Funding: (

Project Description:

Significant settlement is occurring at Buchanan Road east of Harbor Street and at W Leland Road near John Henry Johnson Drive where existing storm drain pipes cross the road. CCTV had identified deficiencies in the storm drain pipe at the Buchanan Road location and the exact cause of the settlement at W Leland is unknown at this time. Work will include investigation, design and construction for the replacement and/or in-place repair of existing storm drain piping and repair to the roadway surface to correct the settled areas and prevent future settlement.



SD-9: AMERICANA PARK STORM DRAINAGE PROJECT

Project No.
2009-01

Status:
Design underway.

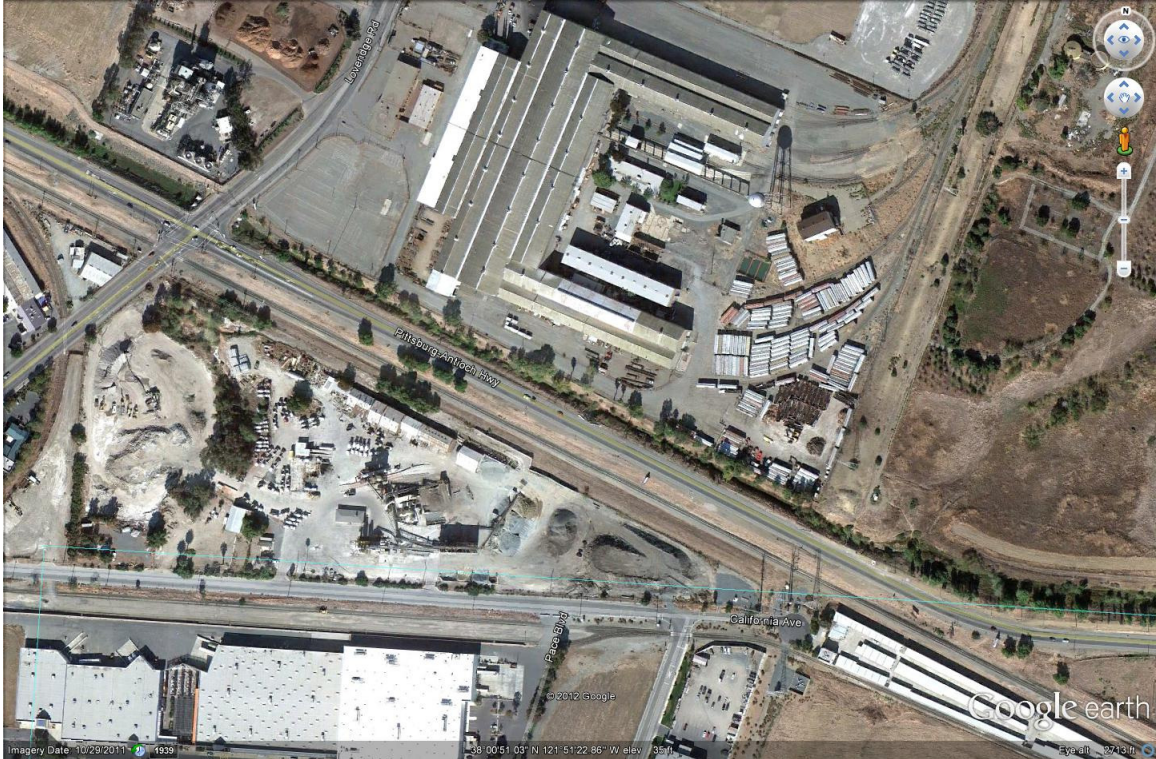
Estimated Project Cost:
\$700,000

Project Limits:
Polaris Drive to Parkside Drive

Funding Sources:
Eligible Funding Source: RDA/Kirker Creek Improvement Fund
Identified Funding Source: \$120,000 FRDA
\$580,000 IRRF, Potential FEMA grant to offset costs

Project Description:

This project will reduce overflows onto North Parkside Drive from the undersized detention pond at Americana Park by constructing a drainage channel across the PG&E utility corridor. Project requires obtaining an easement from PG&E.



SD-10: KIRKER CREEK IMPROVEMENT (Loveridge Road to DOW)

Project No.

Status:

Awaiting funding

Estimated Project Cost:

\$1,210,000

Project Limits:

Kirker Creek East of Loveridge Road

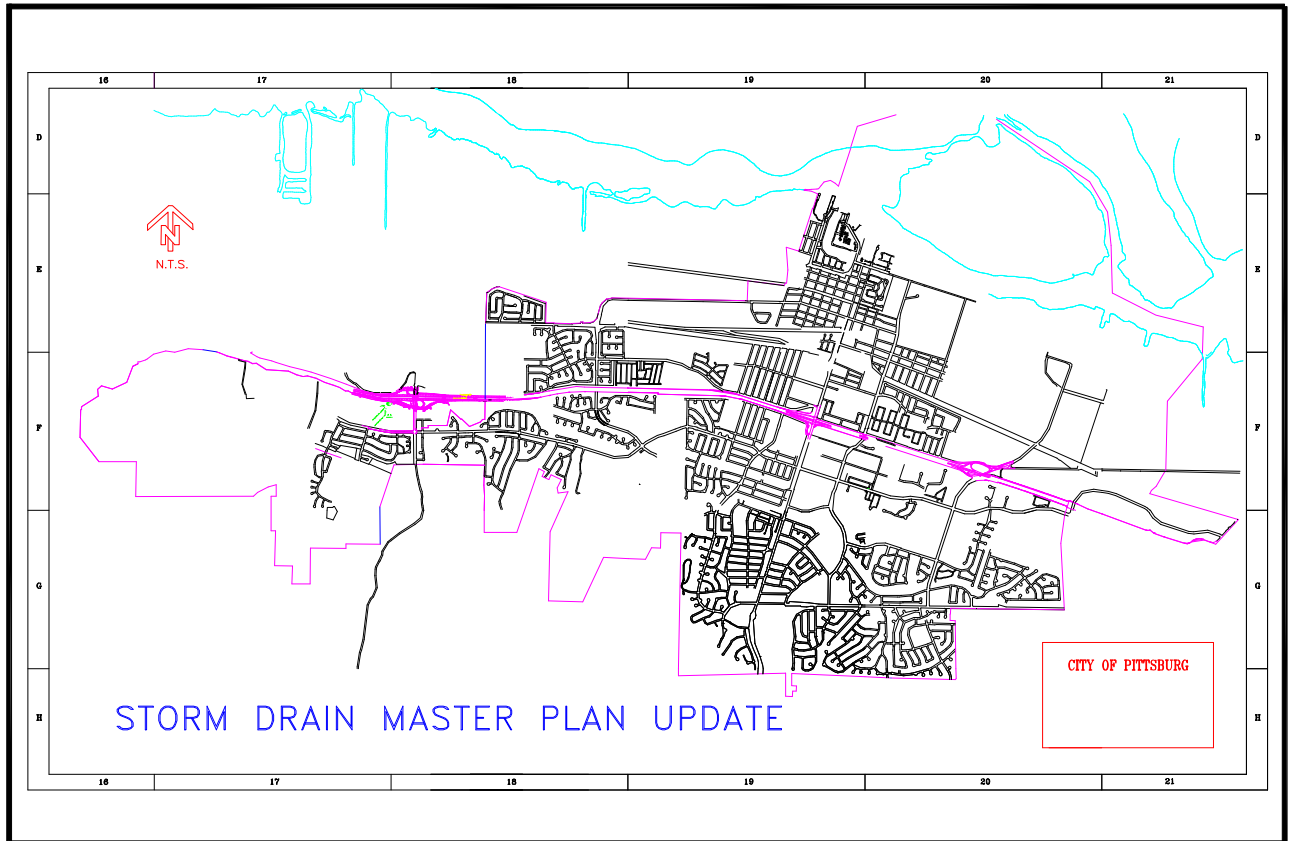
Funding Sources:

Eligible Funding Source: Kirker Creek Improvement Fund

Identified Funding Source: None

Project Description:

This project included planning, design and construction of improvements to prevent flooding along Kirker Creek north of the Pittsburg Antioch Hwy. This project includes improving the underside pipes, culverts and channels along Kirker Creek from Loveridge Road to DOW Chemical.



SD-11: STORM DRAIN MASTER PLAN UPDATE

Project No.

Status:

Awaiting funding.

Estimated Project Cost:

\$400,000

Project Limits:

Citywide

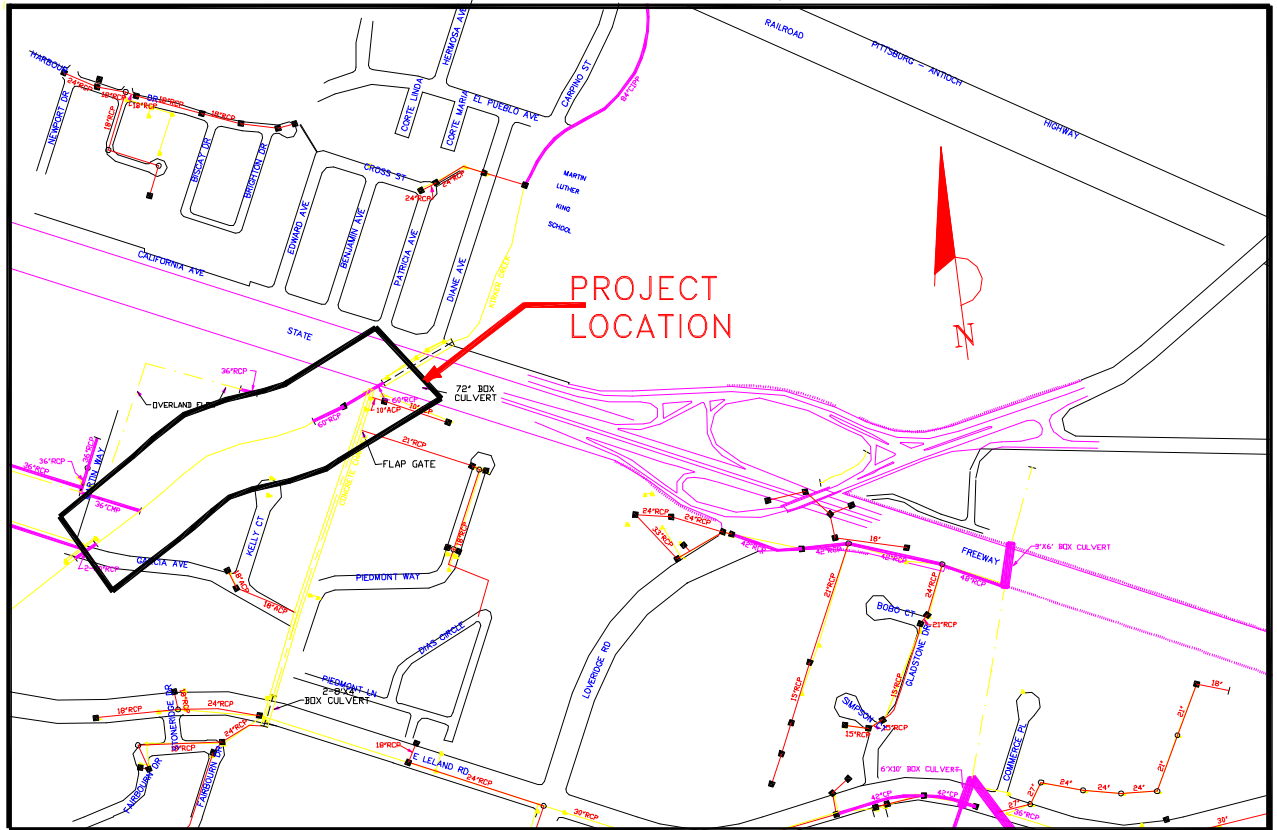
Funding Sources:

Eligible Funding Source: Kirker Creek
Improvement Fund

Identified Funding Source: \$100,000 Kirker
Creek Improvement Fund,

Project Description:

Phase Seven of the Stormwater Management Plan was completed in July 1999. This project will update the Master Plan to ensure adequate capacity in the City's storm drainage system now and in future years.



SD-12: KIRKER CREEK WATERSHED (Hwy. 4 to Garcia Avenue)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$1,125,000

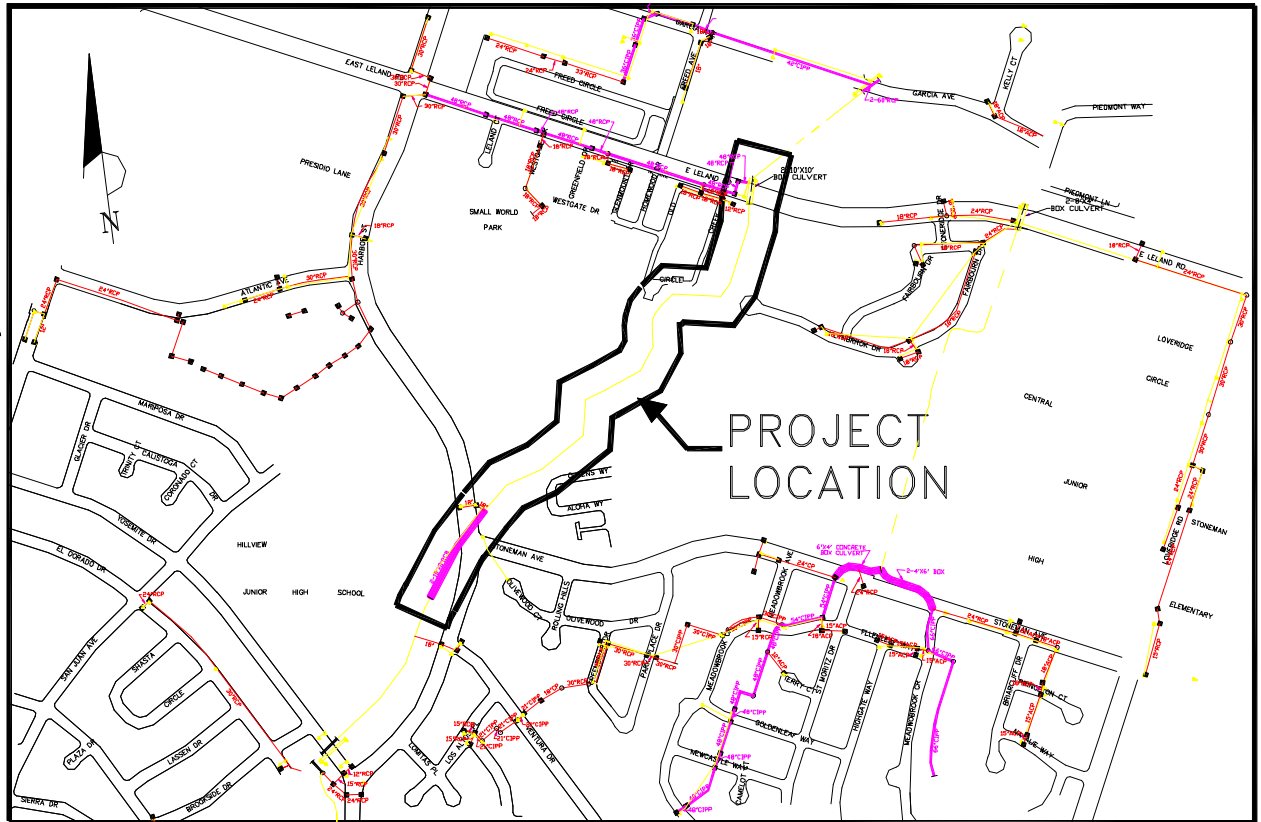
Project Limits:
Kirker Creek from Hwy. 4 to Garcia Avenue

Funding Sources:

Eligible Funding Source: Kirker Creek
Impervious Surface Drainage Fee
Identified Funding Source: TBD

Project Description:

This project will improve all the undersized pipes, and channels from Hwy 4 to Garcia Avenue. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 8043, 8045, 8047, 8048, and 8049. This project includes 955' of channel improvements and 260' of pipe improvements.



SD-13: KIRKER CREEK WATERSHED (East Leland Road to Contra Costa Canal)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$395,000

Project Limits:

Kirker Creek from East Leland Rd to just south of Stoneman Avenue

Funding Sources:

Eligible Funding Source: Kirker Creek

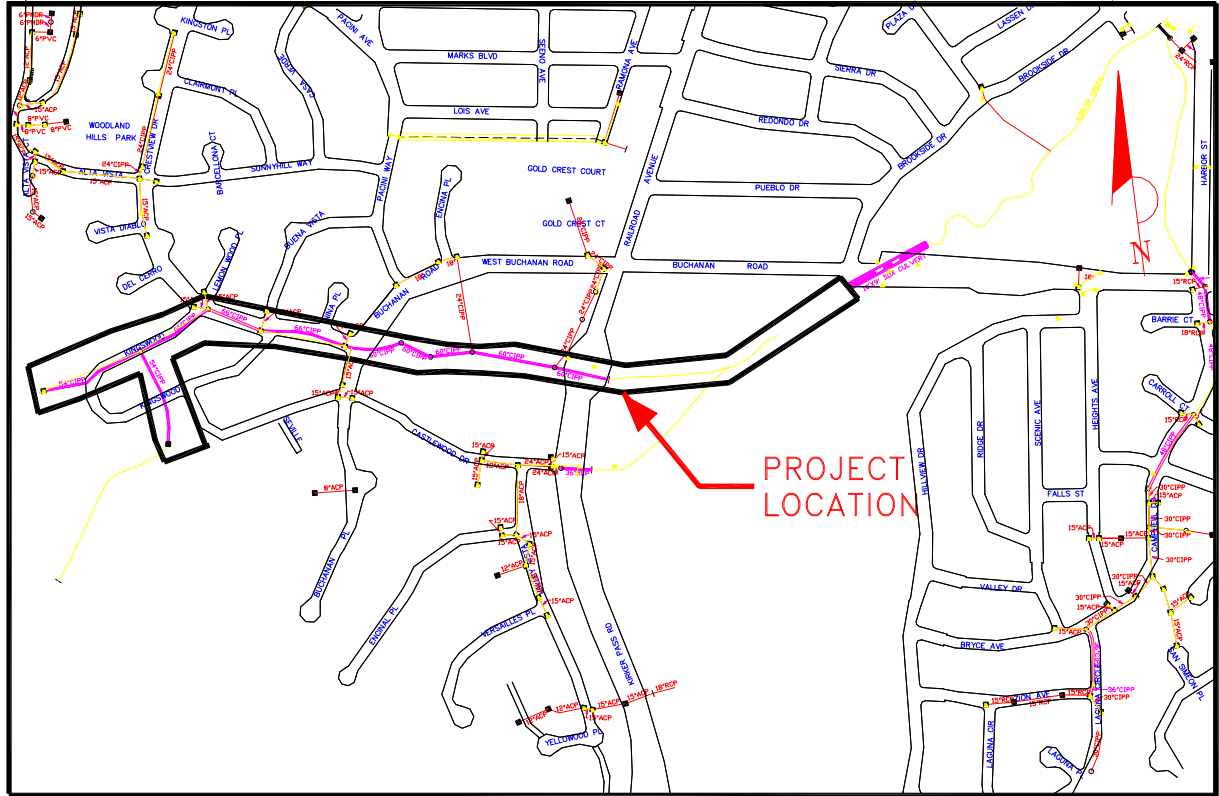
Impervious Surface Drainage Fee

Identified Funding Source: TBD

Project Description:

This project will improve all the undersized pipes, and culverts from East Leland Road to the Contra Costa Canal. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 8053, 8057, 8061, and 8067.

This project includes 147' of culvert improvements and 478' of pipe improvements.



SD-15: KIRKER CREEK WATERSHED (Buchanan Road to Kingswood)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$2,060,000

Project Limits:

Kirker Creek Watershed from Buchanan Road to Kingswood

Funding Sources:

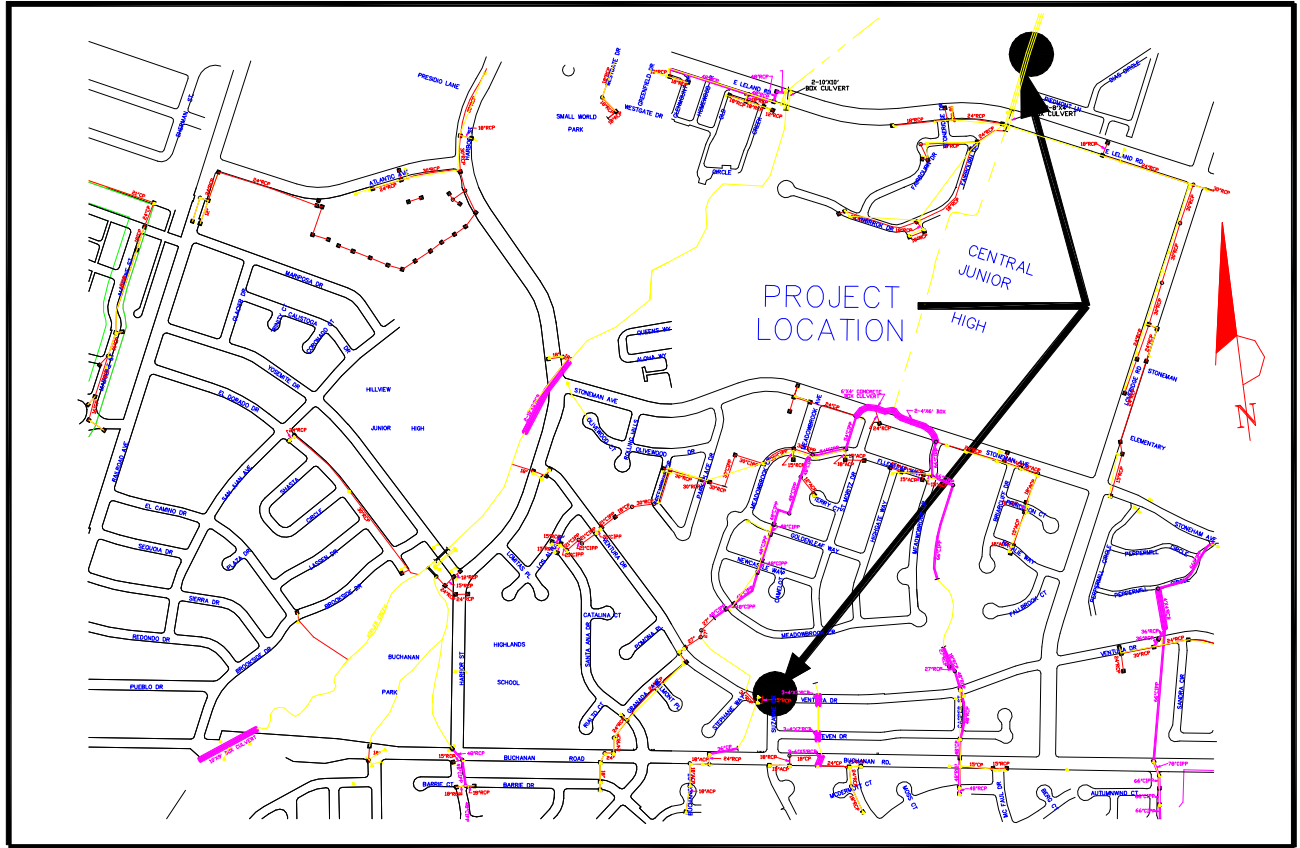
Eligible Funding Source: Kirker Creek

Impervious Surface Drainage Fee

Identified Funding Source: TBD

Project Description:

This project will improve all the undersized pipes, and channels from the Buchanan Road to Kingswood. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 8077, 8083, 8085, and 8093. This project includes 412' of channel improvements and 2,794' of pipe improvements.



SD-16: KIRKER CREEK WATERSHED IMPROVEMENTS (Ventura Drive, Piedmont Way and Loveridge Road)

Project No.

Status:

Awaiting funding/Evaluating needs

Estimated Project Cost:
\$140,000

Project Limits:

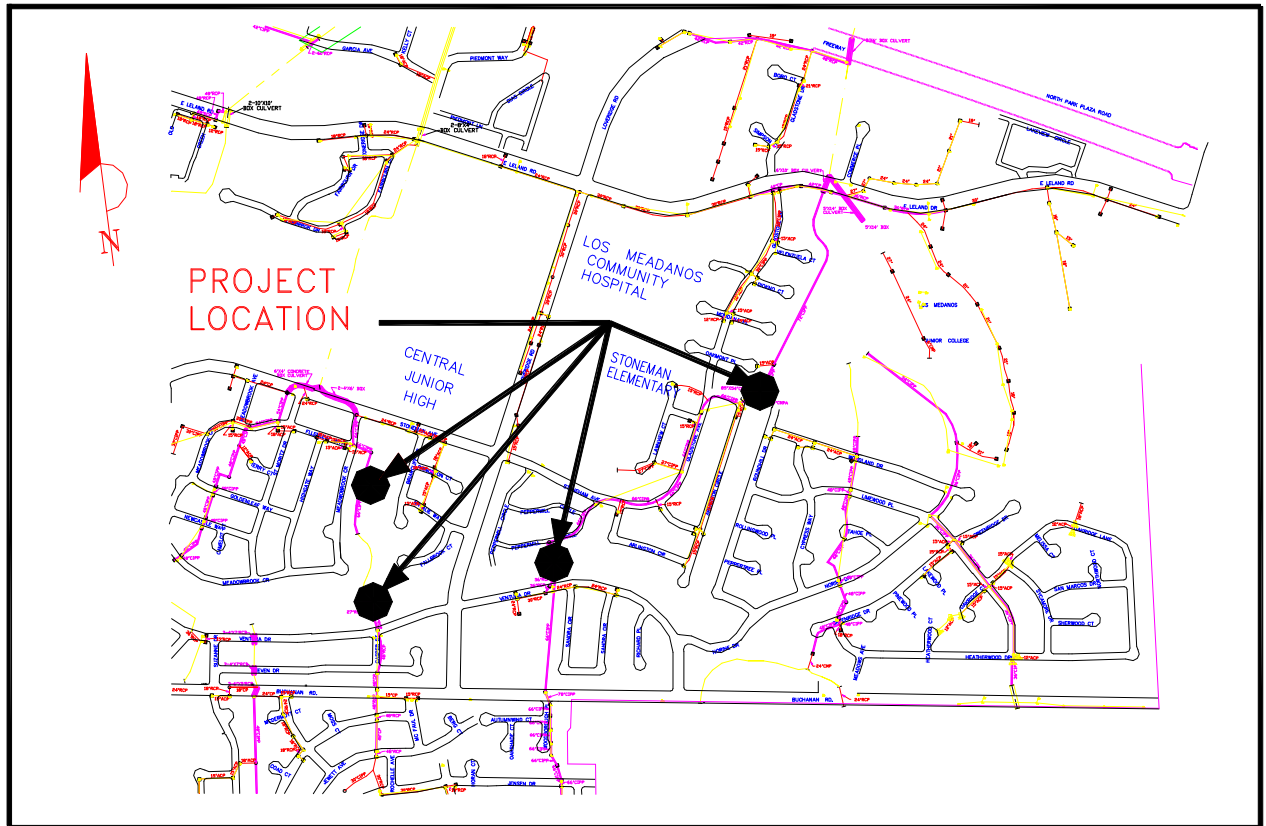
Kirker Creek from Ventura Drive, Piedmont Way and Loveridge Road

Funding Sources:

Eligible Funding Source: Kirker Creek
Impervious Surface Drainage Fee
Identified Funding Source: TBD

Project Description:

This project will improve the undersized pipes near Ventura Drive, Piedmont Way and Loveridge Road. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 8161, 8189, and 8227. This project includes 212' of pipe improvements.



SD-17: KIRKER CREEK WATERSHED (Stoneman Avenue/Contra Costa Canal)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$1,005,000

Project Limits:

Kirker Creek Watershed near Stoneman Avenue and the Contra Costa Canal.

Funding Sources:

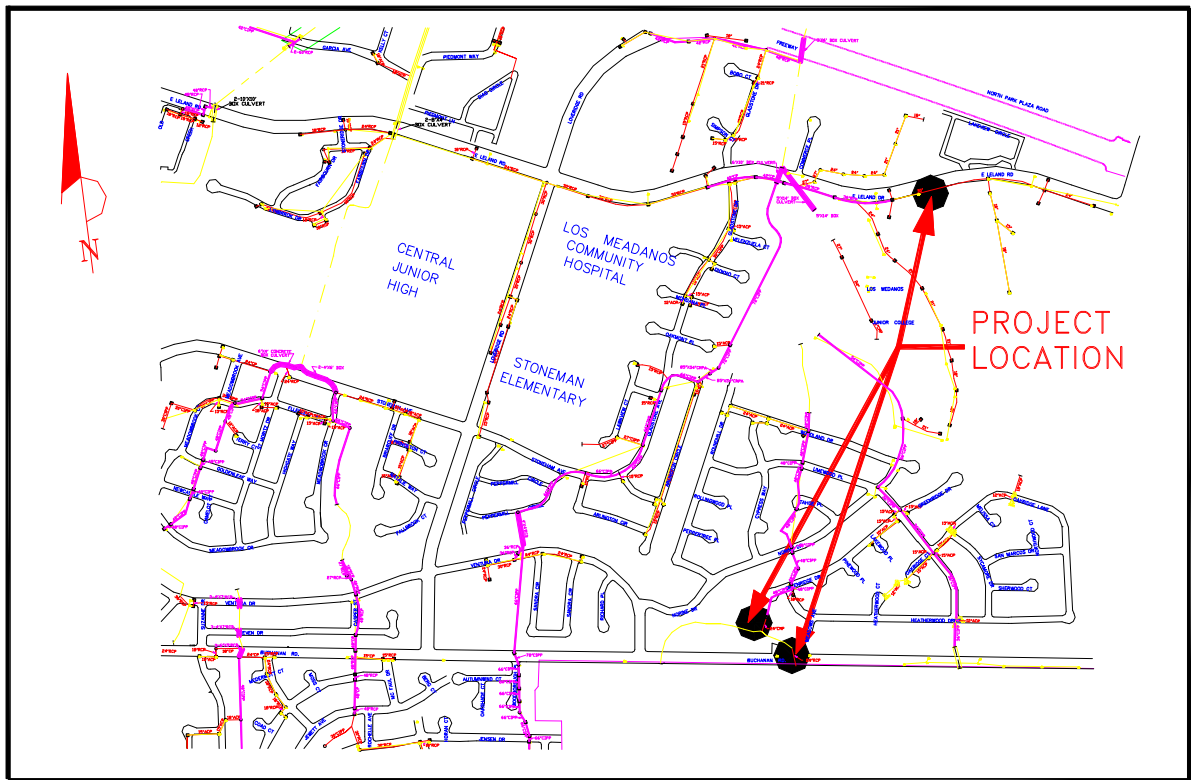
Eligible Funding Source: Kirker Creek

Impervious Surface Drainage Fee

Identified Funding Source: TBD

Project Description:

This project will improve all the undersized pipes, and culverts in the area of Stoneman Avenue and the Contra Costa Canal. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 8179, 8183, 8240, and 8243. This project includes 265' of culvert improvements and 1350' of pipe improvements.



SD-18: KIRKER CREEK WATERSHED (Los Medanos College and south to the Contra Costa Canal)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$635,000

Project Limits:

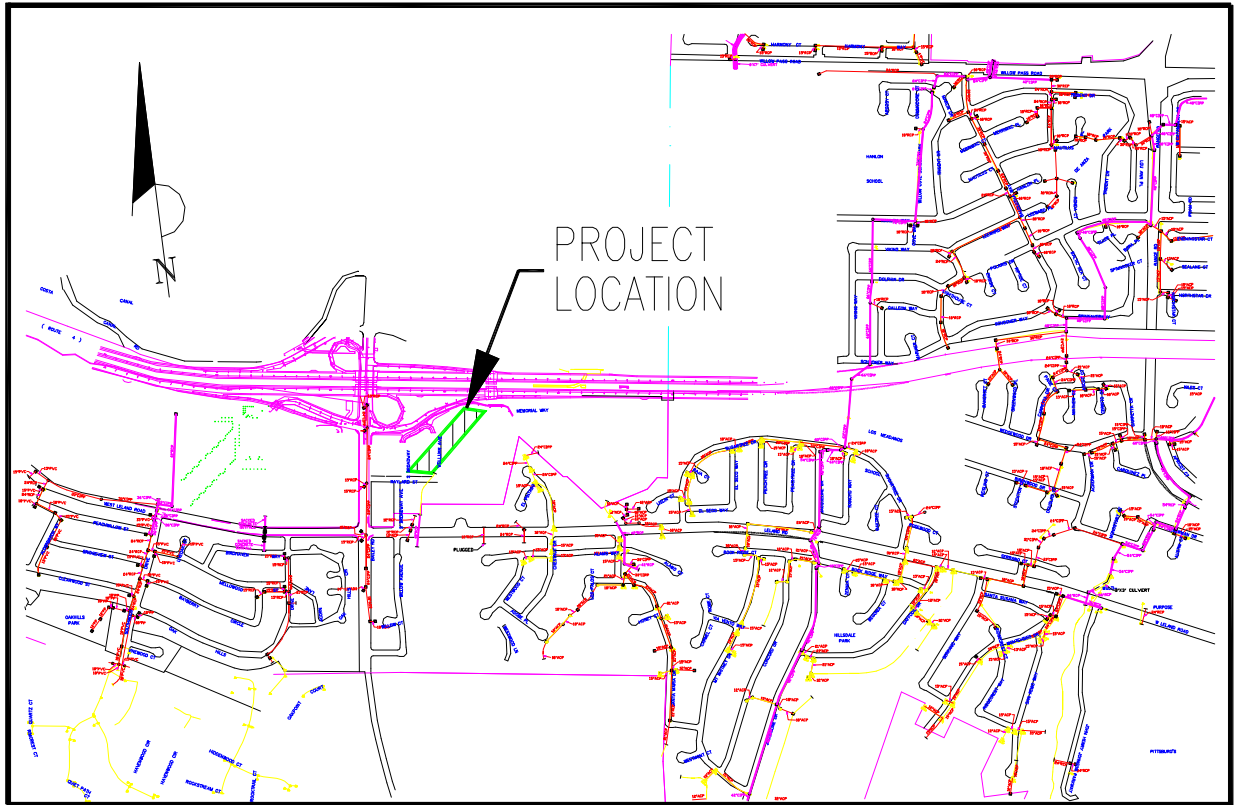
Kirker Creek Watershed in the vicinity of LMC and south

Funding Sources:

Eligible Funding Source: Kirker Creek
Impervious Surface Drainage Fee
Identified Funding Source: TBD

Project Description:

This project will improve all the undersized pipes, in the vicinity of Los Medanos College and south to the Contra Costa Canal. These improvement were identified in the July 1999, *Stormwater Management Plan* as conduits 8271, 8280, and 8289. This project includes 1010' of pipe improvements.



SD-19: LAWLOR CREEK WATERSHED (Hwy. 4 to West Leland Road)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$430,000

Project Limits:

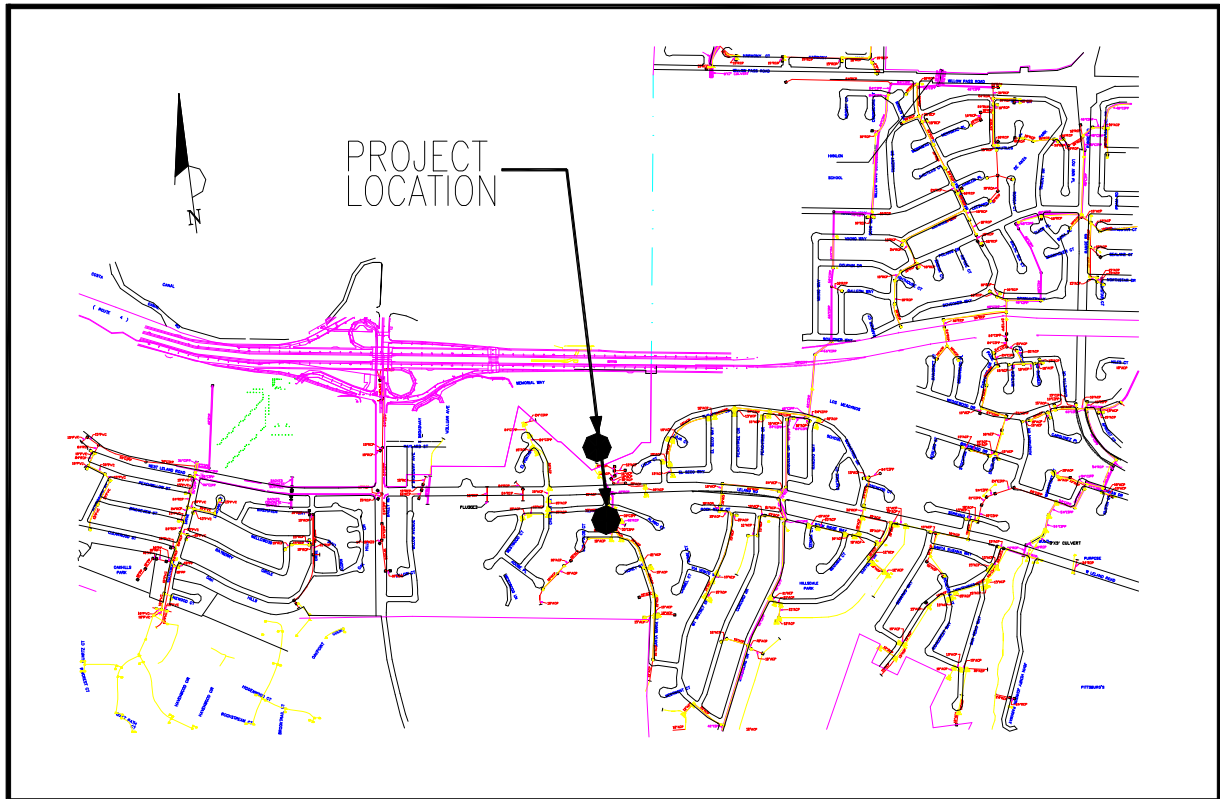
Lawlor Creek Watershed from Hwy. 4 to West Leland Road

Funding Sources:

Eligible Funding Source: TBD
Identified Funding Source

Project Description:

This project will improve all the undersized pipes in the Lawlor Creek Watershed from Hwy 4 to West Leland Road. These improvement were identified in the July 1999, *Stormwater Management Plan* as conduits 3039 and 3041. This project includes 986' of pipe improvements.



SD-20: LAWLOR CREEK WATERSHED (Contra Costa Canal to Santa Maria Drive)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$165,000

Project Limits:

Lawlor Creek watershed from Contra Costa Canal to Santa Maria Drive

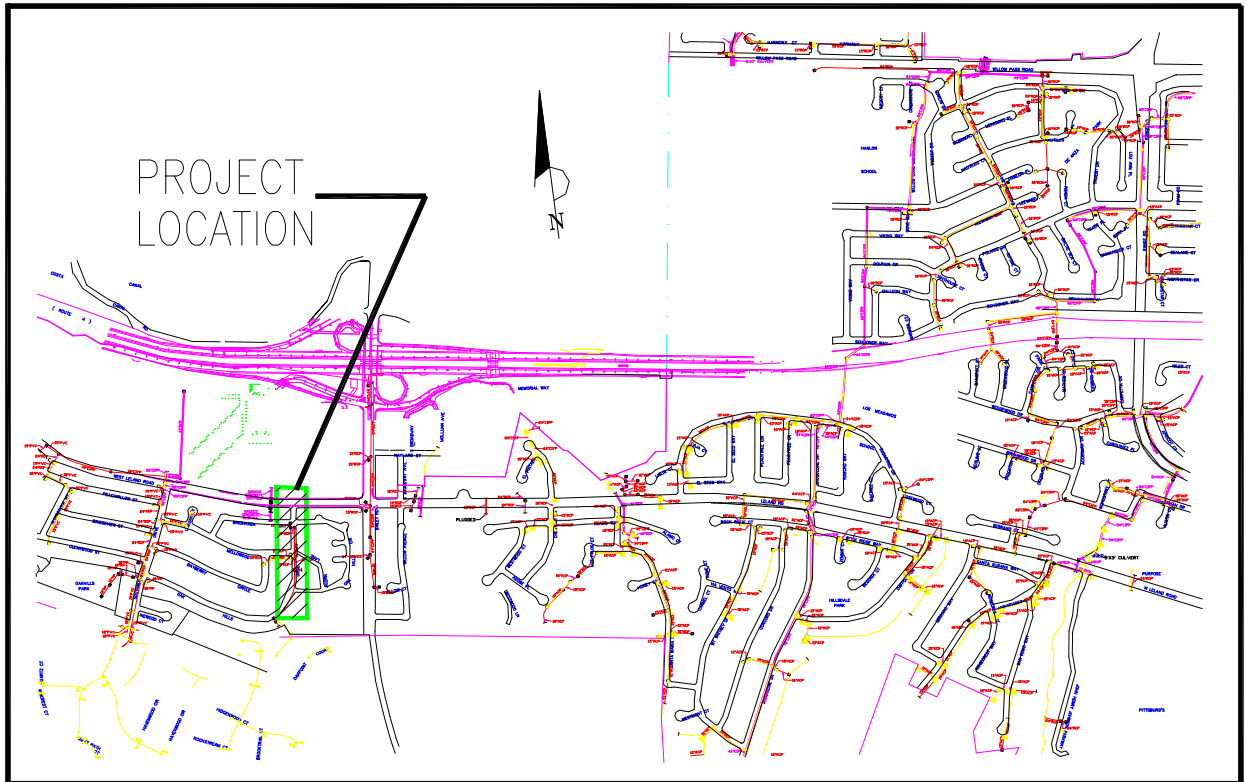
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

This project will improve all the undersized pipes in the Lawlor Creek Watershed from Contra Costa Canal to Santa Maria Drive. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 3083 and 3091. This project includes 363' of pipe improvements.



SD-21: LAWLOR CREEK WATERSHED (West Leland Road to Oakhills Circle)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$460,000

Project Limits:

Lawlor Creek Watershed from West Leland Road
to Oakhills Circle

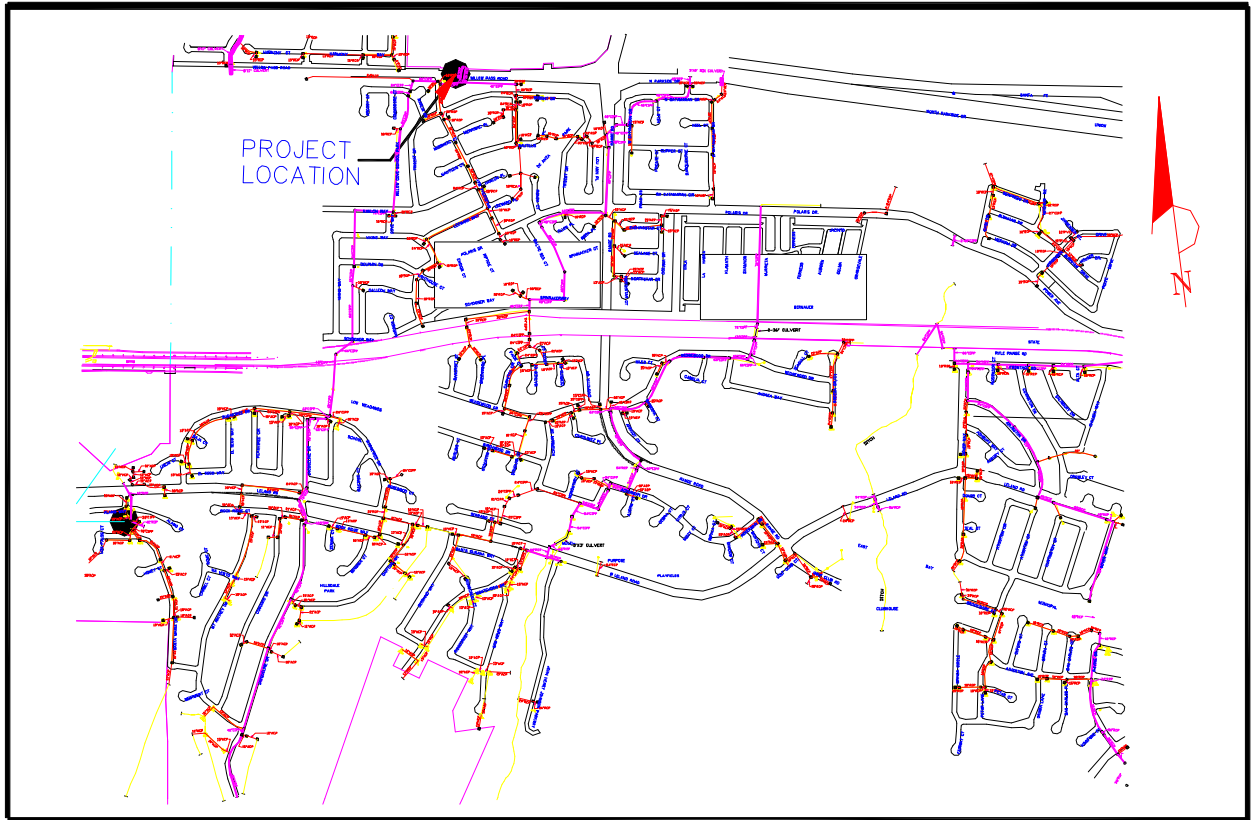
Funding Sources:

Eligible Funding Source:

Identified Funding Source: None

Project Description:

This project will improve all the undersized pipes in the Lawlor Creek Watershed from West Leland Road to Oakhills Circle. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 3137 and 3138. This project includes 1058' of pipe improvements.



SD-22: WATERSHED 4 (Willow Pass Road to Contra Costa Canal)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$105,000

Project Limits:

Watershed 4 from Willow Pass Road to Contra Costa Canal

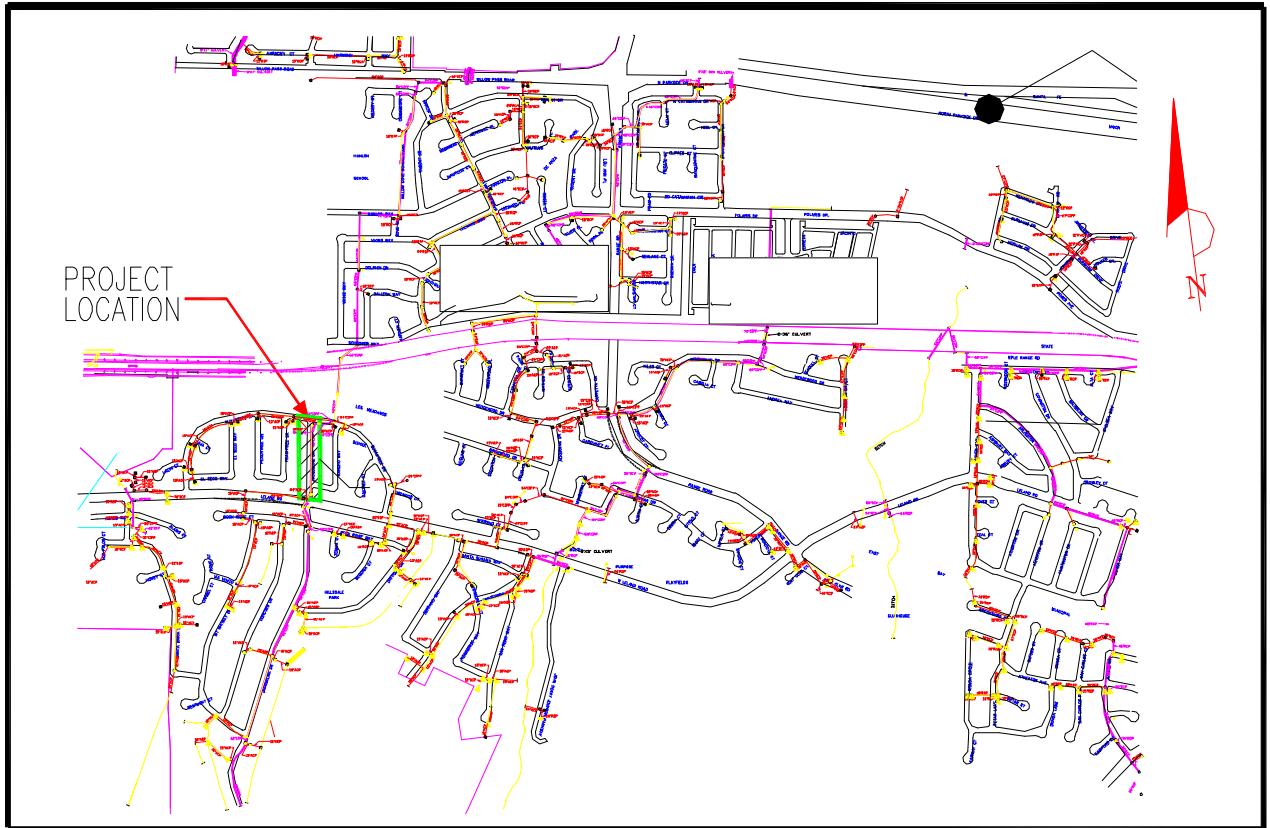
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 4 is drained via natural swales and channels to the storm drainage system in developed areas north and south of Highway 4. This project will improve all the undersized pipes in Watershed 4 from Willow Pass Road to Contra Costa Canal. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 4017 and 4039. This project includes 392' of pipe improvements.



SD-23: WATERSHED 4 (West Leland Road to Sugartree Drive)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$195,000

Project Limits:

Watershed 4 from West Leland Road to Sugartree Drive

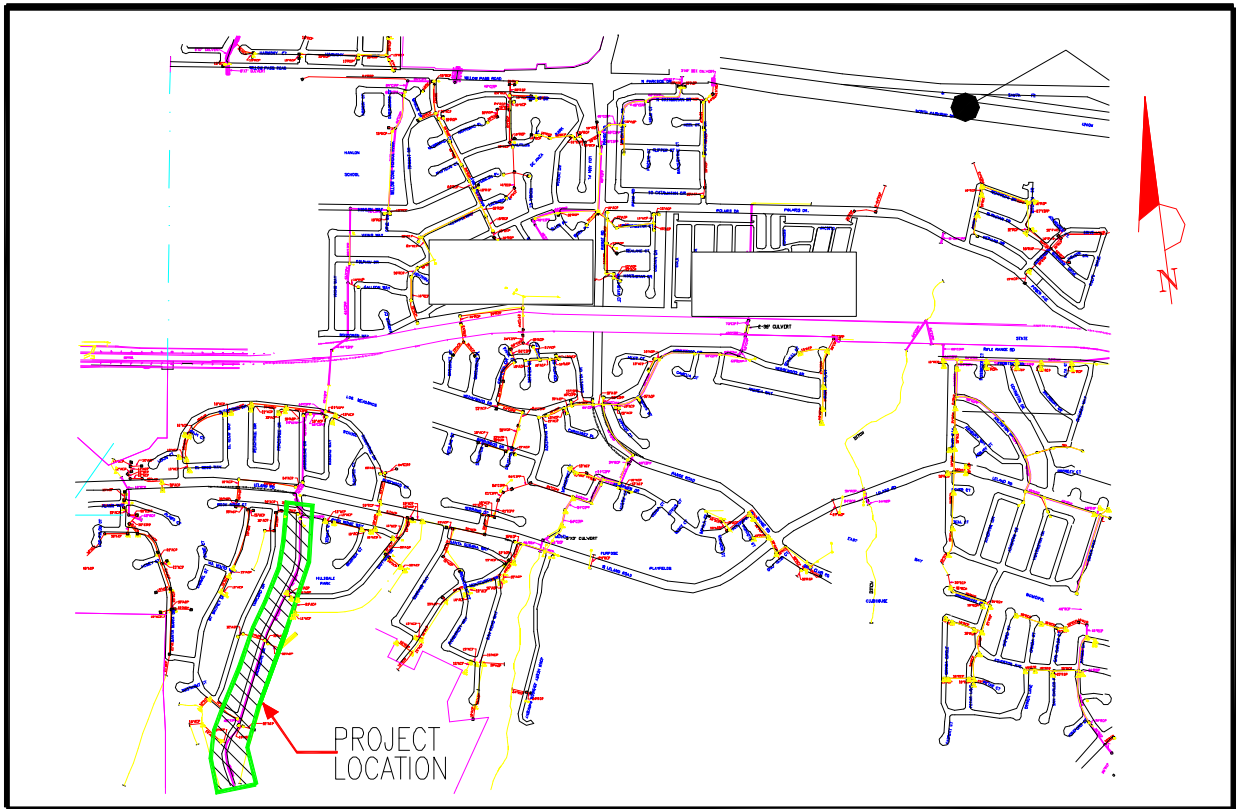
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 4 is drained via natural swales and channels to the storm drainage system in developed areas north and south of Highway 4. This project will improve all the undersized pipes in Watershed 4 from West Leland Road to Sugartree Drive. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduit 4051. This project includes 802' of pipe improvements.



SD-24: WATERSHED 4 (Rock Ridge Way to Jacqueline Drive Terminus)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$670,000

Project Limits:

Rock Ridge Way to Jacqueline Drive

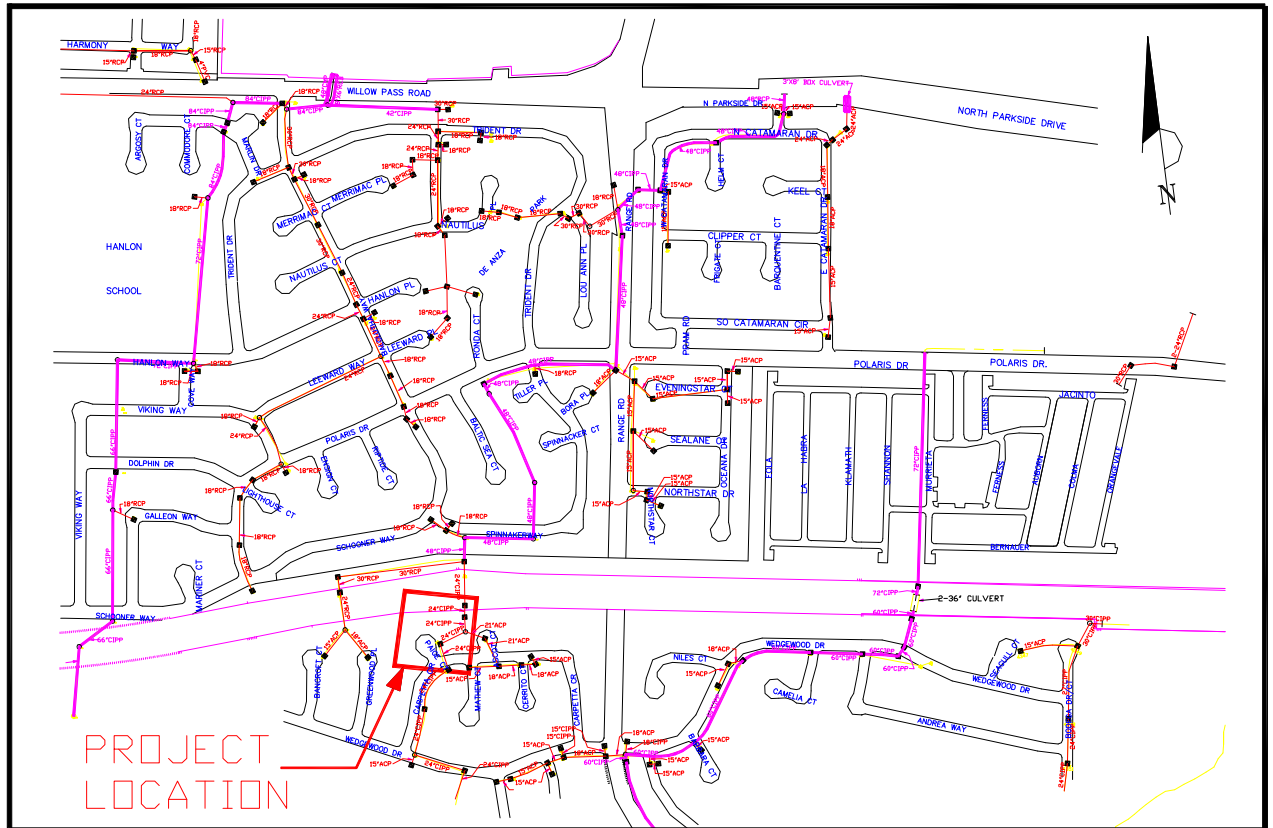
Funding Sources:

Eligible Funding Source:

Identified Funding Source: None

Project Description:

Watershed 4 is drained via natural swales and channels to the storm drainage system in developed areas north and south of Highway 4. This project will improve all the undersized pipes in Watershed 4 from Rock Ridge Way to Jacqueline Drive Terminus. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 4071 and 4073. This project includes 2,864' of pipe improvements.



SD-25: WATERSHED 5 (Hwy. 4 to Paige Court)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$55,000

Project Limits:

Watershed 5 from Hwy 4 to Paige Ct.

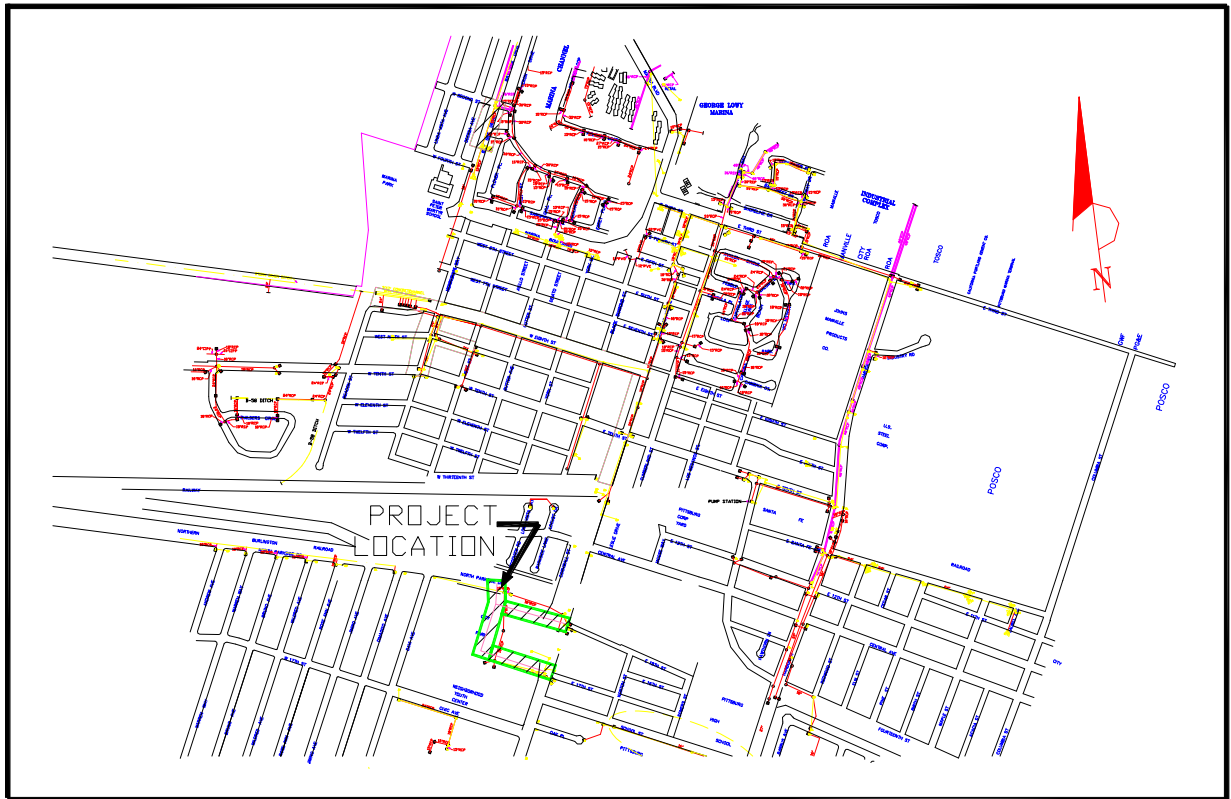
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 5 drains entirely residential developments north and south of Highway 4 via storm drains. This project will improve the 24" pipe in Watershed 5 from Highway 4 to Paige Court. This is the only deficiency identified in Watershed 5. These improvement were identified in the July 1999, *Stormwater Management Plan* as conduit 5053. This project includes 212' of pipe improvements.



SD-26: WATERSHED 6 (City Park Storm Drain)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$600,000

Project Limits:

Watershed 6 in City Park

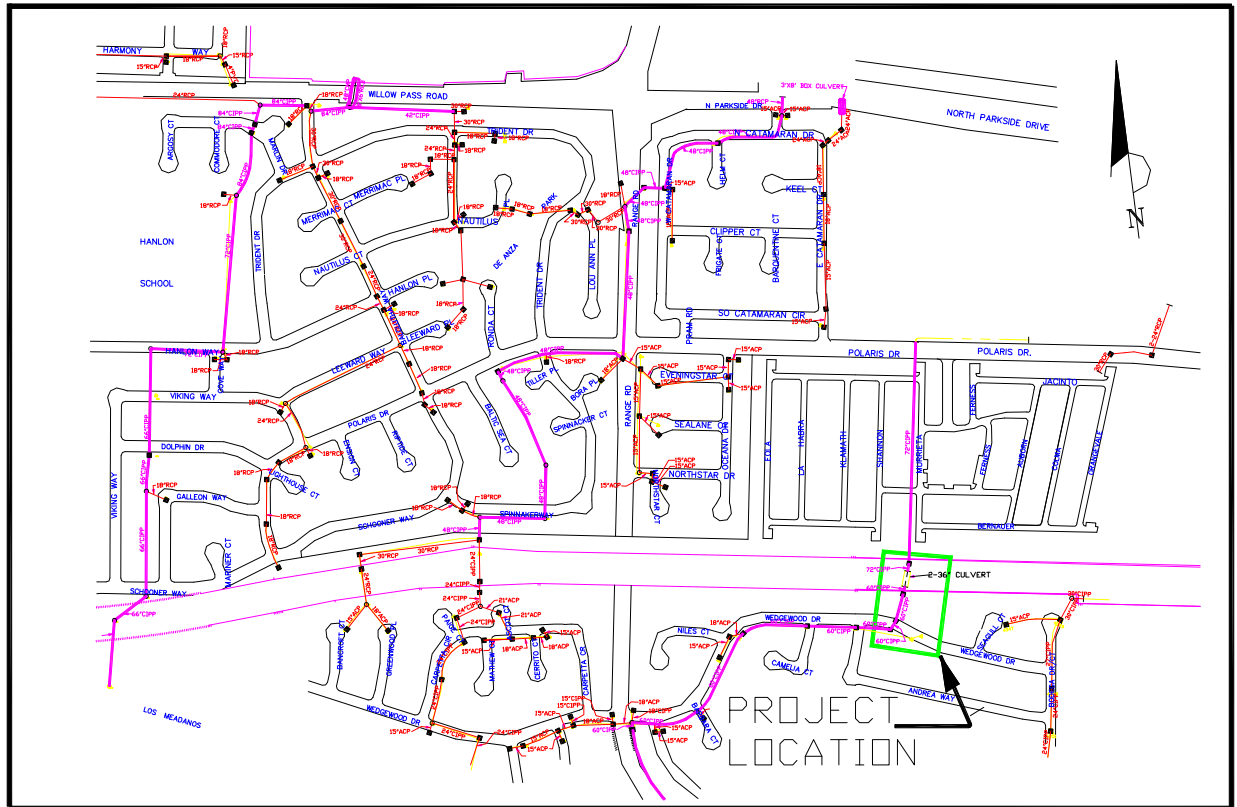
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and includes two areas, downtown Pittsburg and just south of Hwy 4. This project will improve undersized pipes in Watershed 6 in City Park. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6313, 6315, and 6317. This project includes 1,926' of pipe improvements.



SD-27: WATERSHED 6 (Hwy 4 to Andrea Way)

Project No.

Status:

Awaiting funding

Estimated Project Cost:

\$90,000

Project Limits:

Highway 4 to Andrea Way

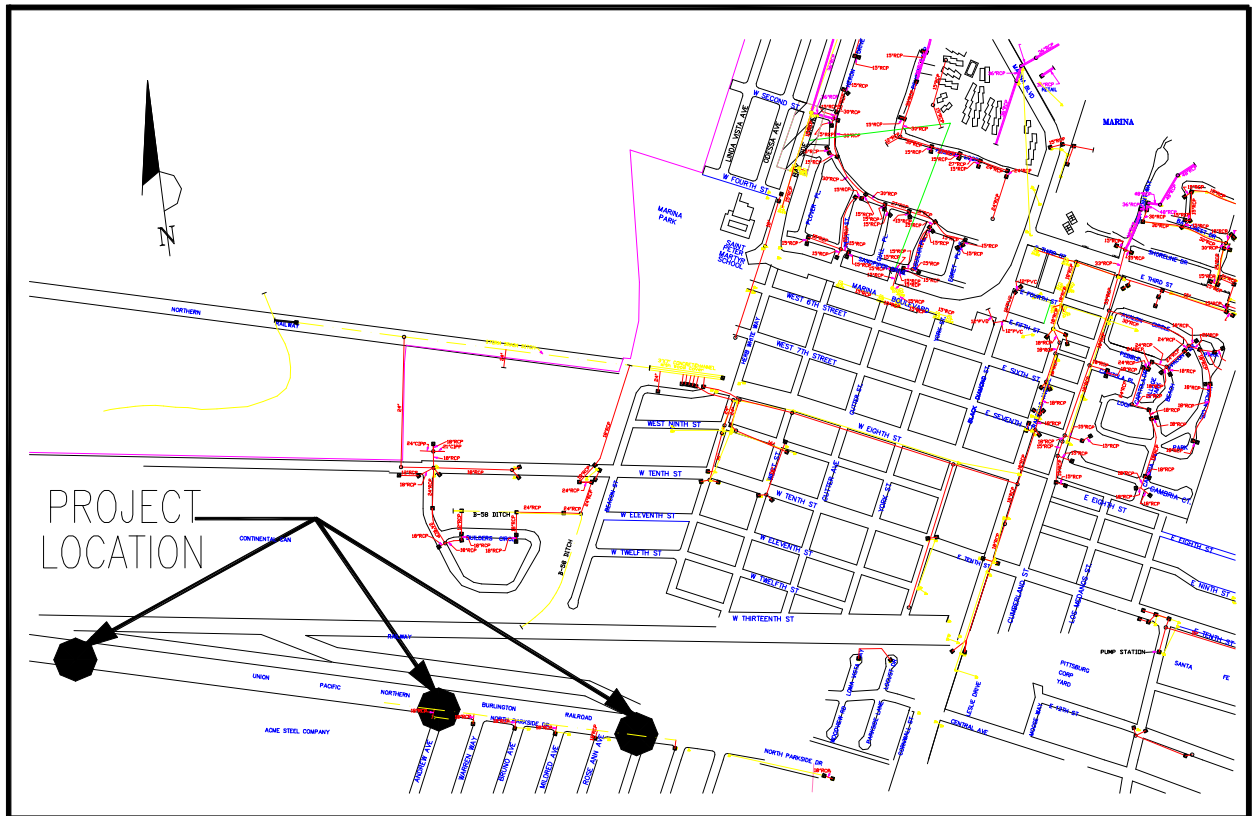
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and includes two areas, downtown Pittsburg and just south of Hwy 4. This project will improve undersized pipes and channels in Watershed 6 from Hwy 4 to Andrea Way. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduit 6361. This project includes 271' of pipe improvements.



SD-28: WATERSHED 6 (Parkside Drive Storm Drain)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$85,000

Project Limits:

Watershed 6 from North Parkside Drive to Rose Ann Ave and east of Cannery Ave.

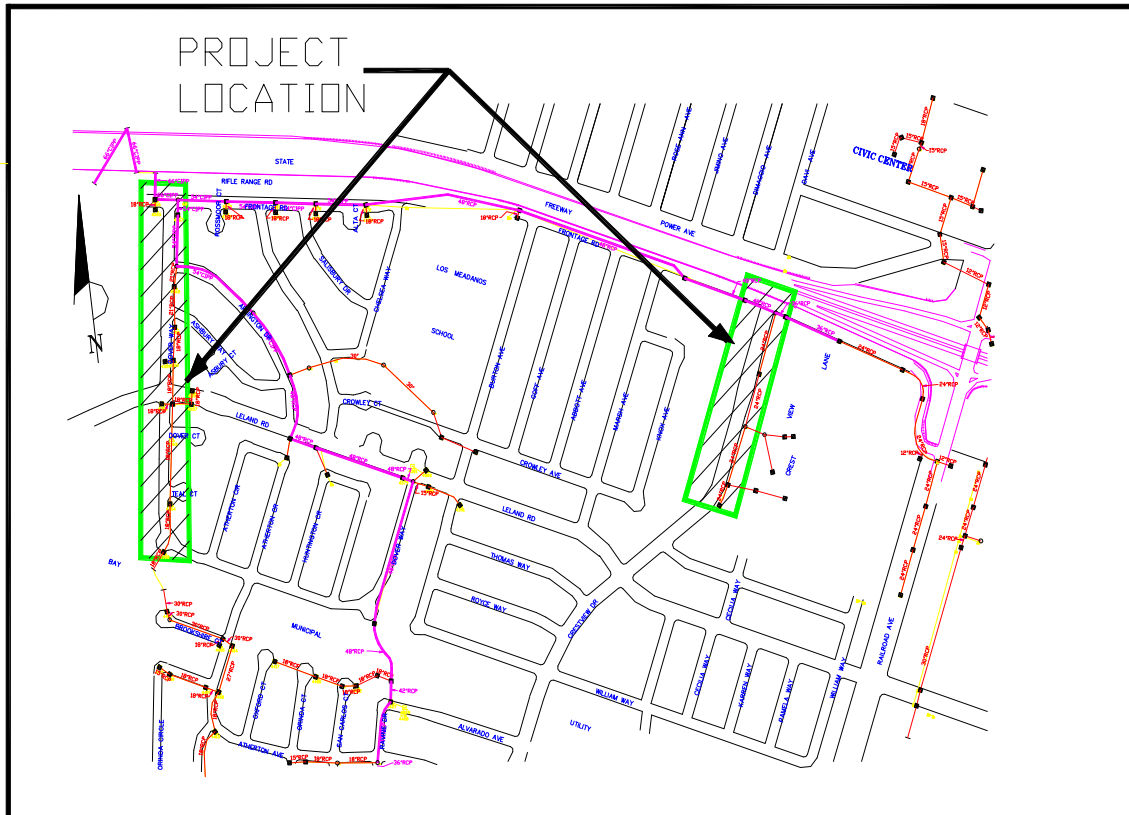
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and includes two areas, downtown Pittsburg and just south of Hwy 4. This project will improve undersized pipes in Watershed 6 along North Parkside Drive. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6341, 6405, 6421, and 6451. This project includes 180' of pipe improvements and 70' of channel improvements.



SD-29: WATERSHED 6 (Dover Way Storm Drain)

Project No.

Status:

Awaiting funding/Evaluating needs.

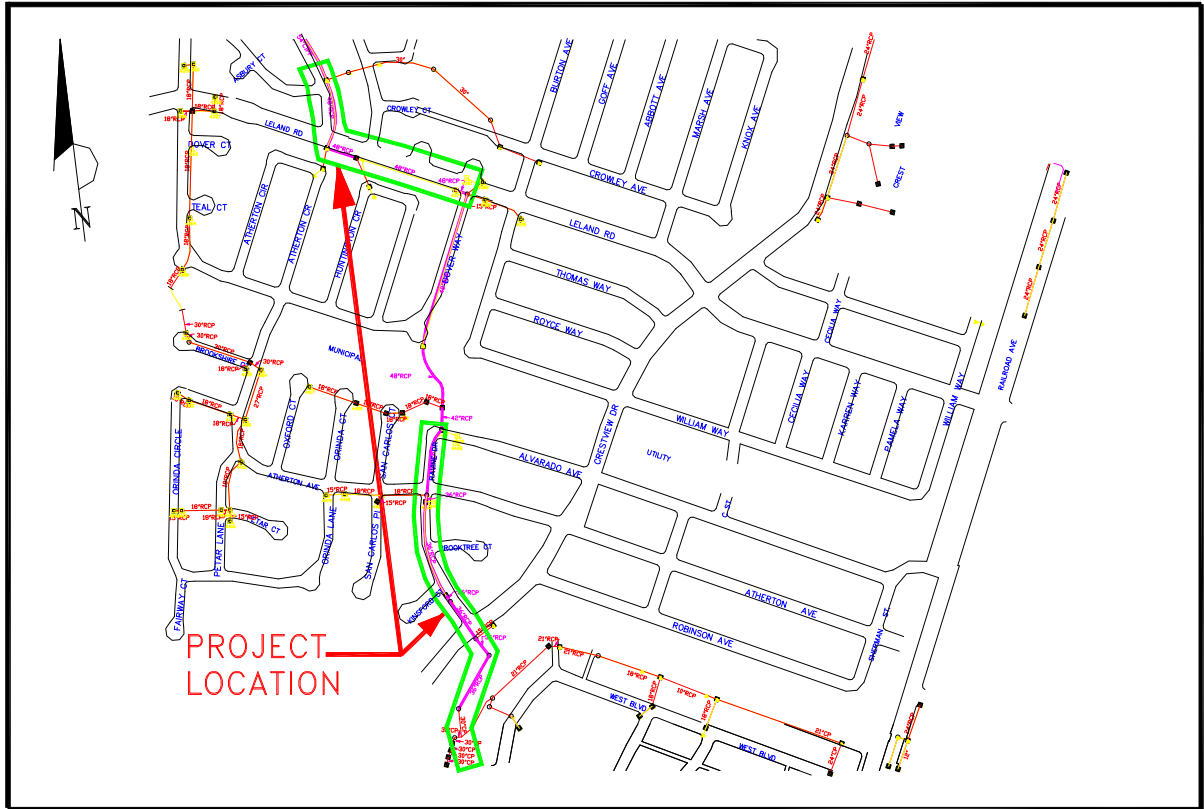
Estimated Project Cost:
\$980,000

Project Limits:
Watershed 6 Dover Way

Funding Sources:
Eligible Funding Source: TBD
Identified Funding Source: None

Project Description:

Watershed 6 encompasses areas in downtown Pittsburg and just south of Highway 4. This project will improve undersized pipes in Watershed 6 on Dover Way and Crestview. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6481, 6491, 6493, 6503, 6505, 6507, and 6509. This project includes 3,426' of pipe improvements.



SD-30: WATERSHED 6 (West Leland Road/Arlington Drive to Kingston Place/Crestview Drive)

Project No.

Status:

Awaiting funding/Evaluating needs.

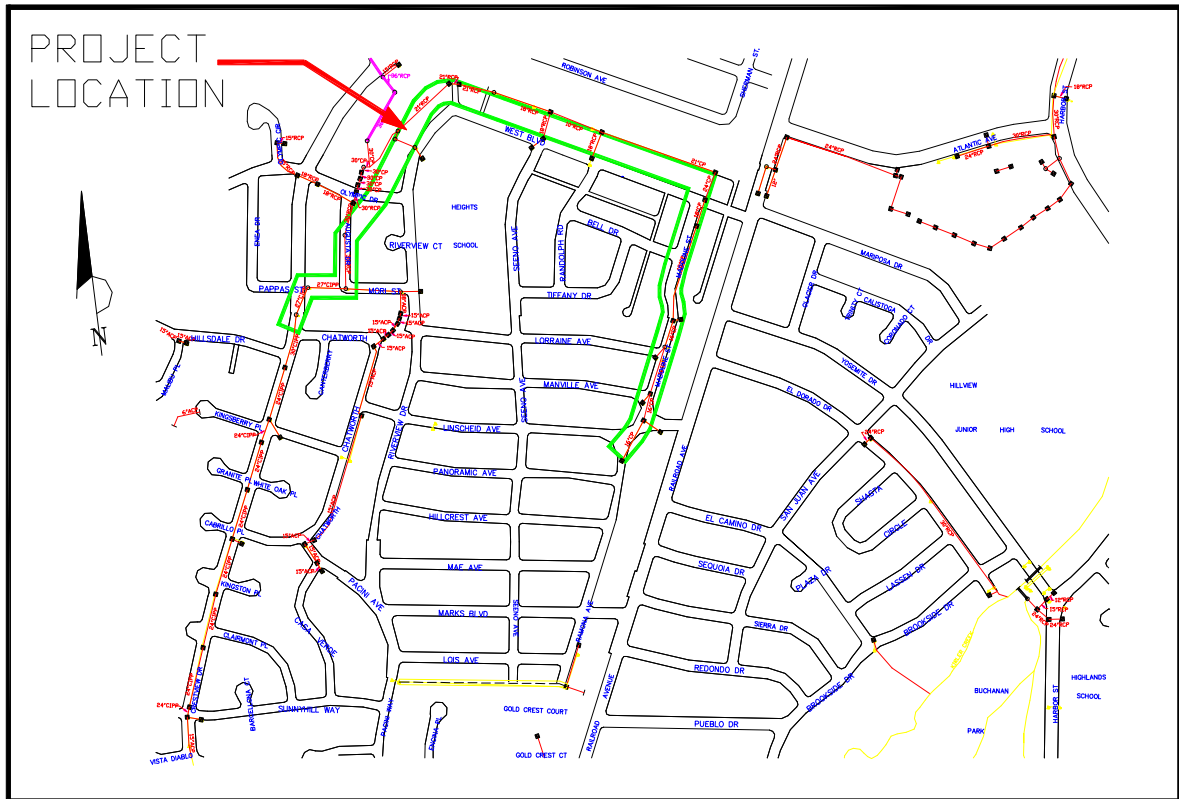
Estimated Project Cost:
\$1,250,000

Project Limits:
Watershed 6 West Leland Road/Arlington Drive to Kingston Place/Crestview Drive

Funding Sources:
Eligible Funding Source: TBD
Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and an area just south of Highway 4. This project will improve undersized pipes in Watershed 6 Arlington Drive to Kingston Place. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6541, 6545, 6547, 6548, 6549, and 6551. This project includes 4,023' of pipe improvements.



SD-31: WATERSHED 6 (Contra Costa Canal/Crestview Drive to Ramona Drive/Linscheid Drive)

Project No.

Status:

Awaiting funding/Evaluating needs

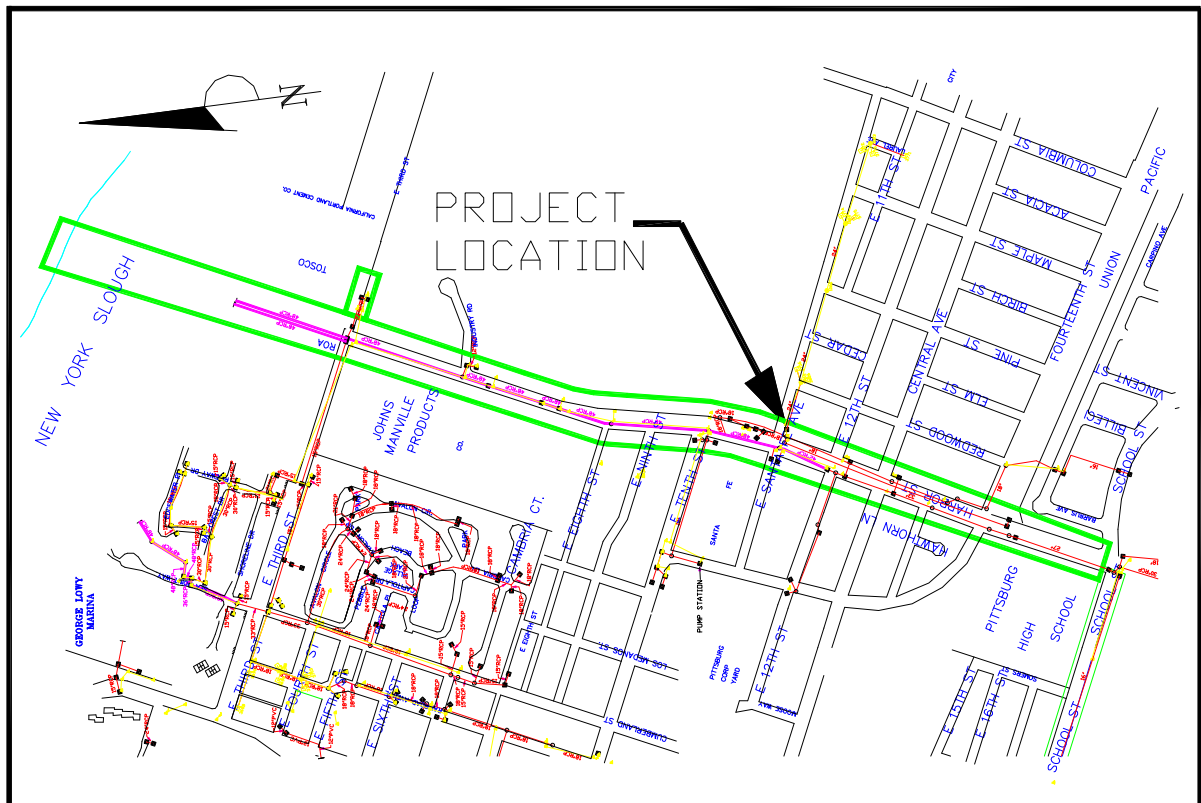
Estimated Project Cost:
\$1,285,000

Project Limits:
West Boulevard to Linscheid Drive

Funding Sources:
Eligible Funding Source: TBD
Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and an area just south of Highway 4. This project will improve undersized pipes in Watershed 6 along the Contra Costa Canal, north of West Blvd., to Ramona Drive/Linscheid Drive. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6561, 6563, 6564, 6565, and 6567. This project includes 4,139' of pipe improvements.



SD-32: WATERSHED 6 (On Harbor Street from river outfall to School Street)

Project No.

Status:

Awaiting funding/Evaluating needs

Estimated Project Cost:
\$1,225,000

Project Limits:

Watershed 6 on Harbor Street from the river outfall to School Street.

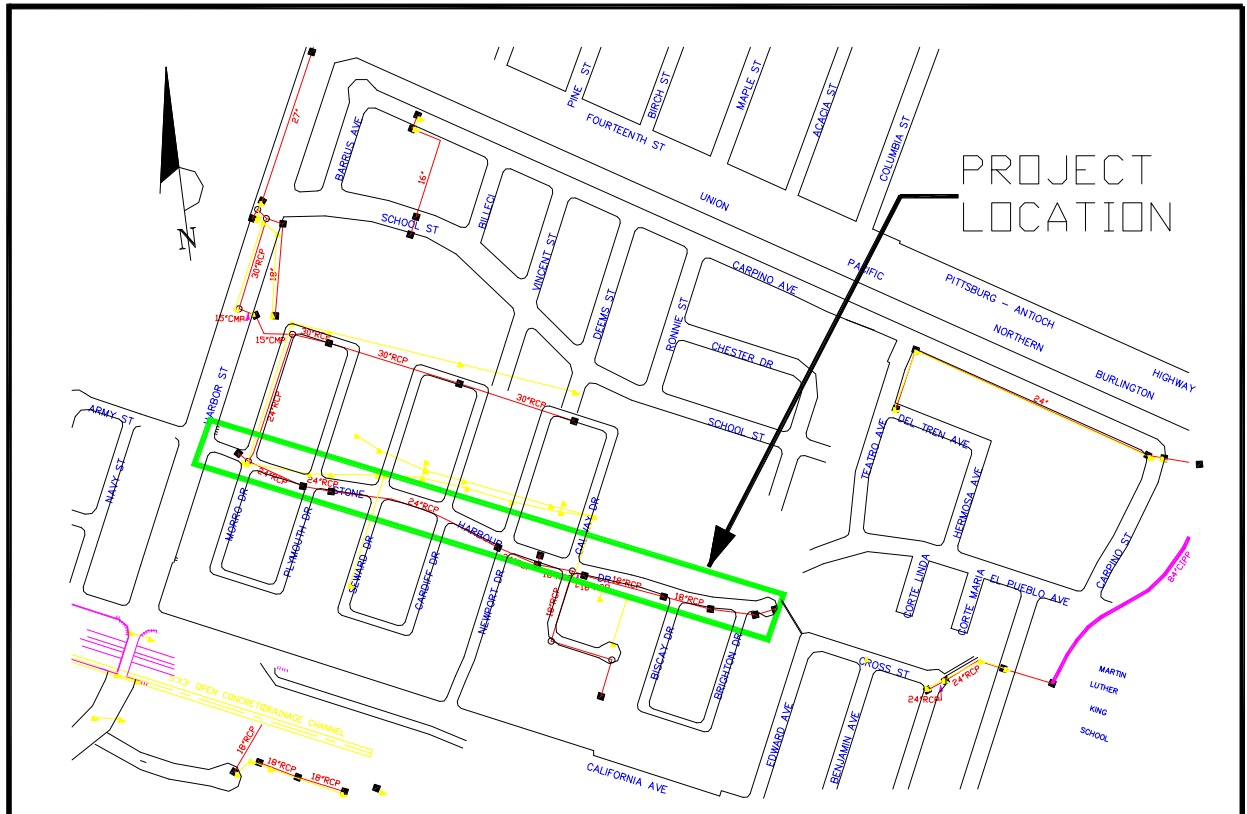
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and an area just south of Highway 4. This project will improve undersized pipes in Watershed 6 on Harbor Street from the river outfall to School Street. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6003, 6005, 6007, 6011, 6013, 6015, 6019, 6023, and 6043. This project includes 4,992' of pipe improvements.



SD-33: WATERSHED 6 (Stone Harbour Drive/Morro Drive to Brighton Drive)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$440,000

Project Limits:

Watershed 6 on Stone Harbour Drive from Morro Drive to Brighton Drive

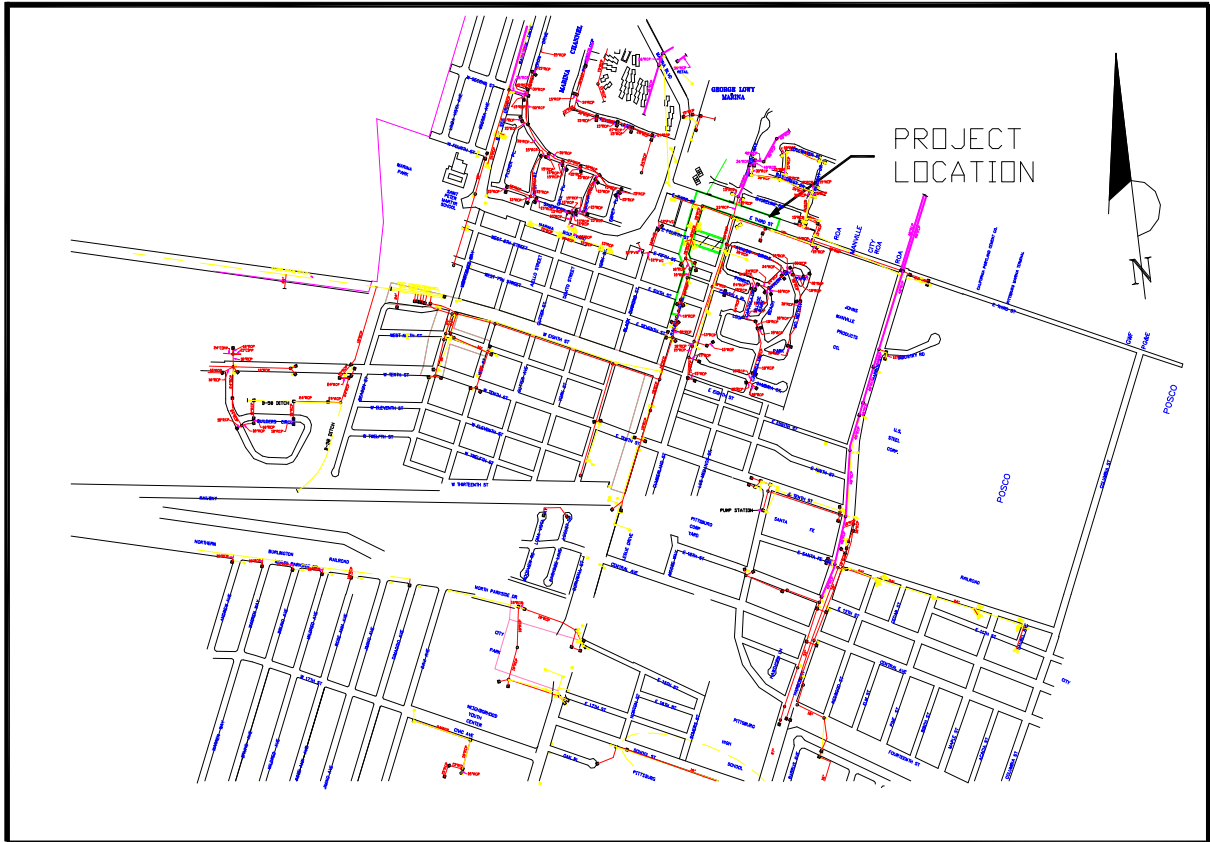
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and an area just south of Highway 4. This project will improve undersized pipes in Watershed 6 on Stone Harbour Drive from Morro Drive to Brighton Drive. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6054, 6055, and 6057. This project includes 1,793' of pipe improvements.



SD-34: WATERSHED 6 (East Third Street from Railroad Avenue Cumberland Street and Railroad Ave from 7th Street to 3rd Street)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$510,000

Project Limits:

Watershed 6 Downtown Area

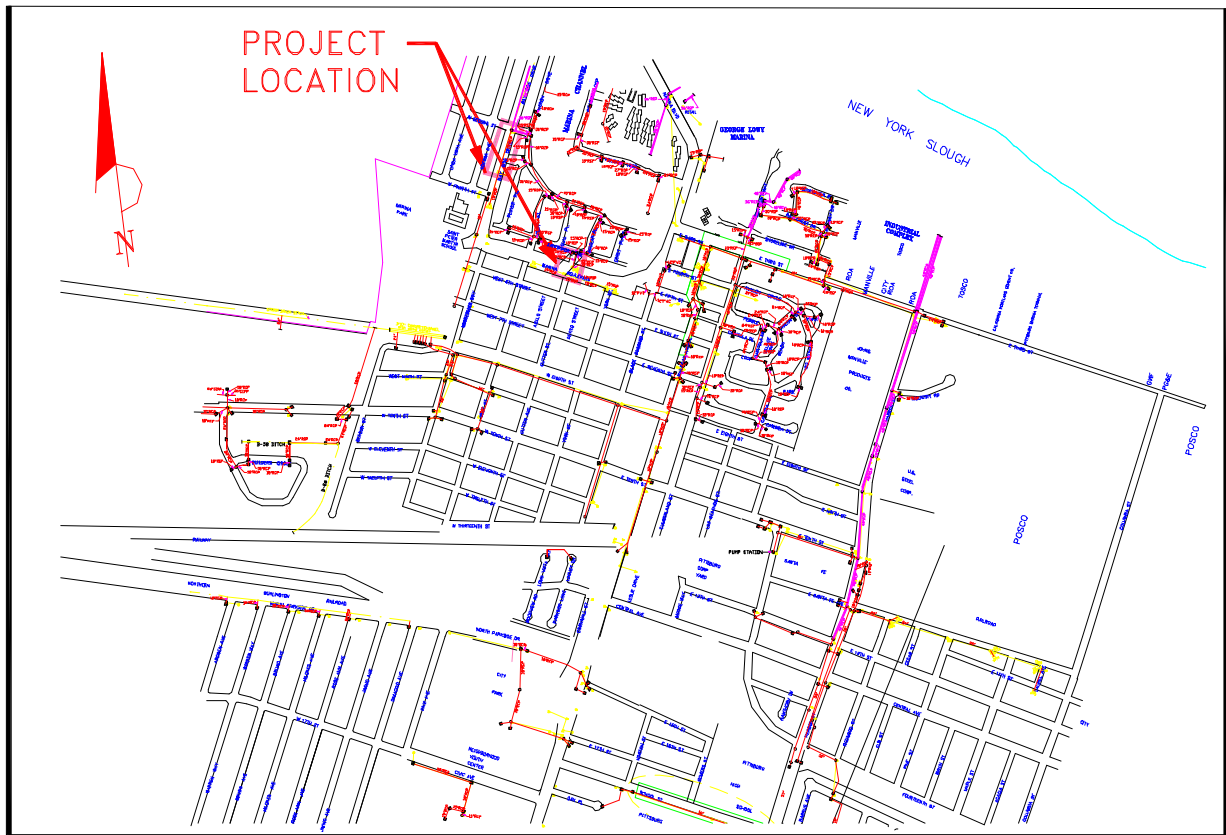
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburgh and an area just south of Highway 4. This project will improve undersized pipes in Watershed 6 in the downtown area. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6109, 6111, 6113, and 6115. This project includes 2,061' of pipe improvements.



SD-35: WATERSHED 6 (Marina Blvd and Bayside Drive)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$150,000

Project Limits:

Watershed 6 on Marina Blvd and Bayside Drive

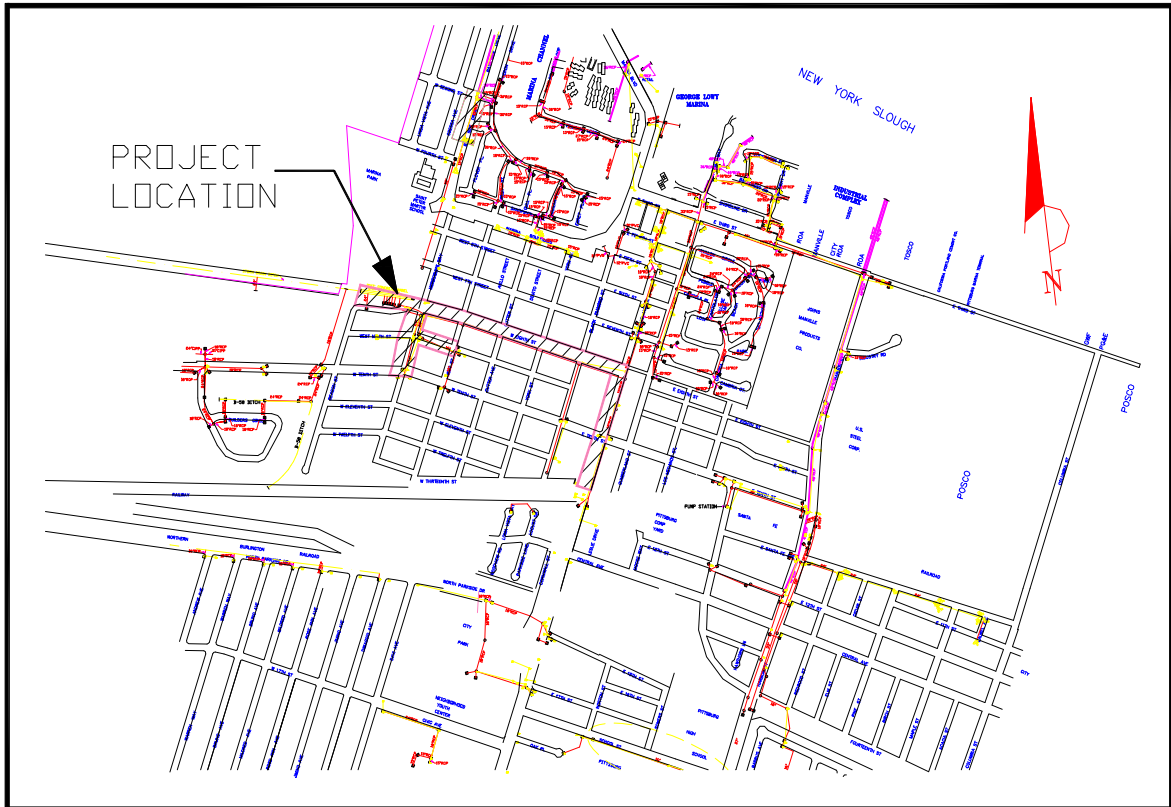
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and an area just south of Highway 4. This project will improve undersized pipes in Watershed 6 on Marina Blvd and Bayside Drive. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6165 and 6207. This project includes 593' of pipe improvements.



SD-36: WATERSHED 6 (8th Street/Railroad Avenue to 8th Street Outfall at Montezuma Slough)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:

\$590,000

Project Limits:

Watershed 6 Eight Street from Herb White Way/Montezuma to Railroad Avenue

Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

Watershed 6 encompasses downtown Pittsburg and includes two areas, downtown Pittsburg and just south of Highway 4. This project will improve undersized pipes in Watershed 6 along West Eighth Street and Herb White Way. These improvements were identified in the July 1999, *Stormwater Management Plan* as conduits 6257, 6258, 6260, and 6263. This project includes 2,154' of pipe improvements.

BUILDING PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



B-2: Corporation Yard Fueling System Upgrade

Project No.
TBD

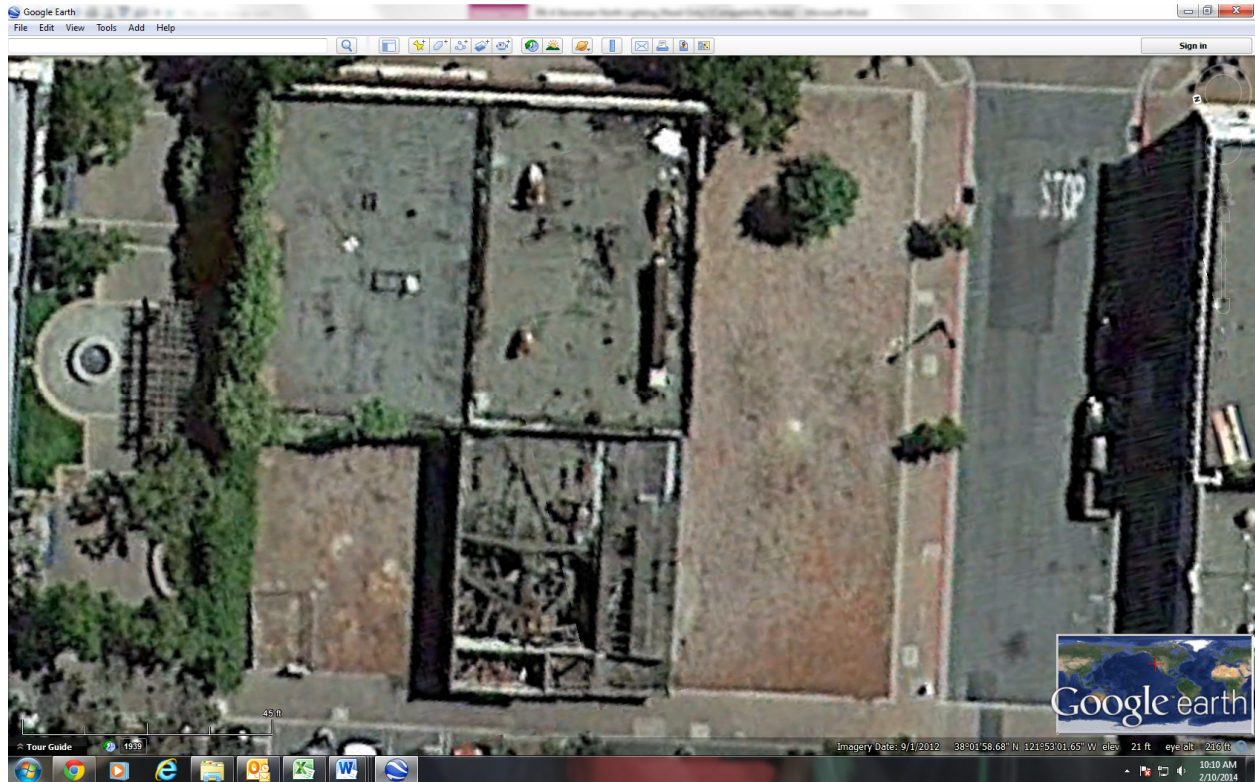
Status:
Currently Determining Regulatory Requirements
the next 10-15 years for Budget and Design

Estimated Project Cost:
\$15,000 Design
\$200,000 Construction

Project Limits:
357 East 12th Street- Corporation Yard

Funding Sources
Eligible Funding Sources: State Grants, Dept
Budgets that use Vehicles and Equipment
Identified Funding: Infrastructure Account

Project Description:
The fleet fueling system at the Corporation Yard is out of compliance per State regulatory requirements and is in need of major upgrades including new piping, fueling island, single wall tank replacement, new dispensers, island cover and new Concrete pad.



B-3: Demolish Back of Cigar Store

Project No.
TBD

Status:
Need demolition plan

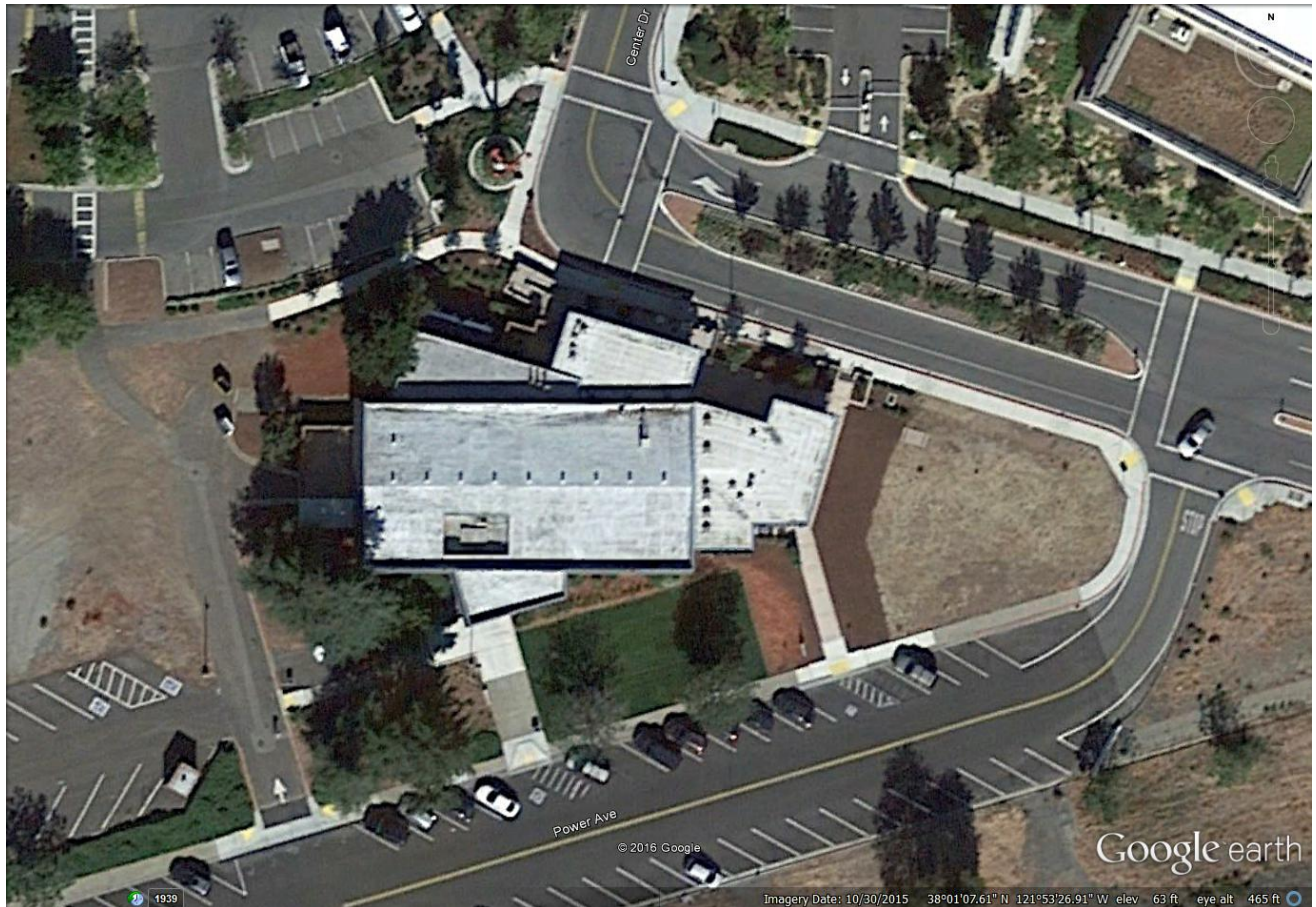
Estimated Project Cost:
\$40,000

Project Limits:
Corner of Railroad and 4th Street

Funding Sources:
TBD

Project Description:

This project will carefully remove the hazardous debris inside the unreinforced masonry in the back of the Cigar Store.



B-4: PITTSBURG LIBRARY ROOFTOP SOLAR SYSTEM

Project No.

TBD

Status:

Solar system design and proposal are accepted.
System installation will occur in September 2016

Estimated Project Cost:

\$120,000

Project Limits: Roof Top of 80 Power Ave.

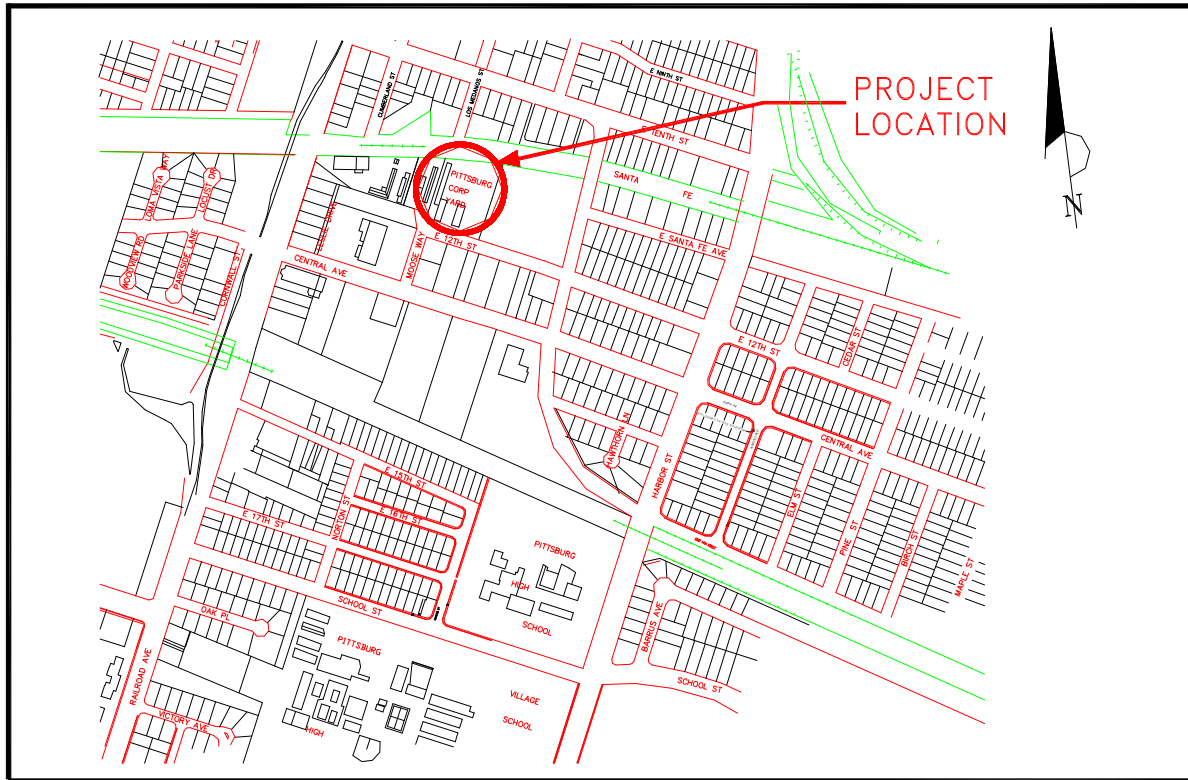
Funding Sources

Eligible Funding Sources: Pittsburg Power
Company

Identified Funding:

Project Description:

A collaborative effort between the Pittsburg Power Company and the Future Bill Program, to install a 32.60 KWdc solar system on the rooftop of the Pittsburg –Contra Costa County Library located at 80 Power Avenue, Pittsburg. The solar production of this project is expected to cover 53% electricity usage of the library.



B-12: PURCHASE CORP YARD ANNEX (389 East Twelfth St.)

Project No.

To be determined

Status:

Awaiting funding.

Estimated Project Cost:

\$1,650,000

Project Limits:

City Corporation Yard at 357 East 12th Street

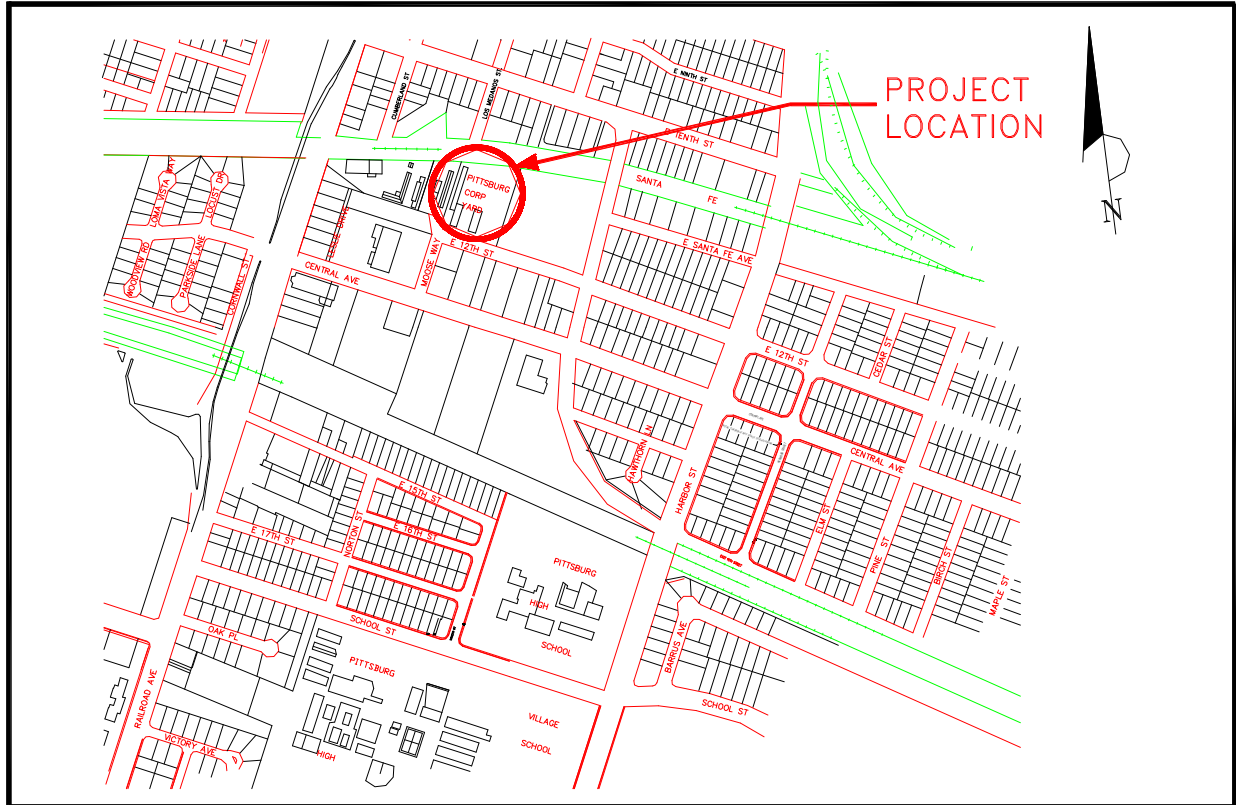
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: Not funded

Project Description:

This project will involve expansion and an addition of a warehouse at the City's existing corporation yard.



B-31: COVER FUEL DISPENSERS AT CORP YARD

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$60,000

Project Limits:

All City owned public facilities.

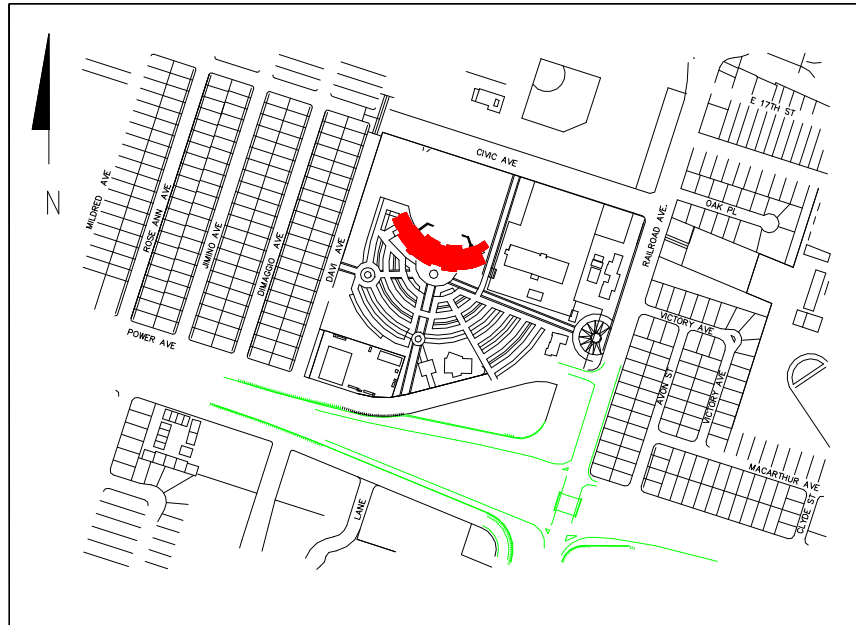
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

This project includes providing an overhang (cover) over the fuel dispensers at the Corporation Yard located at 357 East 12th Street. This project is necessary in order to comply with State guidelines for fuel dispensing facilities.



B-52: CIVIC CENTER PARKING STRUCTURE & COURT PARKING

Project No.

To be determined

Status:

Requires funding

Estimated Project Cost:

\$5,000,000

Project Limits:

To Be Determined

Funding Sources:

Eligible Funding Source: To Be Determined

Identified Funding Source: None

Project Description:

This project will construct a parking structure near City Hall and the Courthouse for use by both facilities.



B-53 DOWNTOWN SURFACE PARKING LOT

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$1,500,000

Project Limits:

Fifth Street, Cumberland to Railroad Avenue

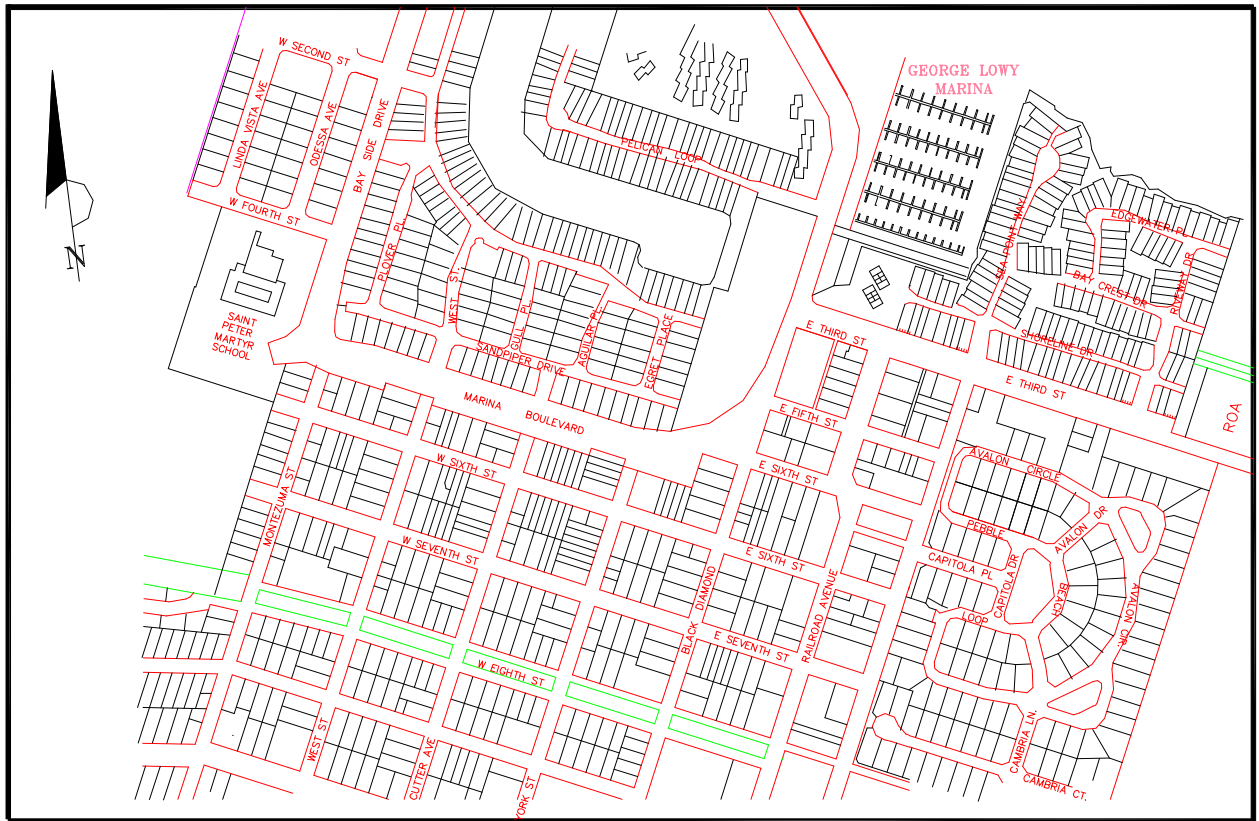
Funding Sources:

Eligible Funding Source: TBD

Identified Funding Source: None

Project Description:

This project will construct a new parking lot at East 5th Street to increase available parking for the downtown area.



B-54: DOWNTOWN PARKING STRUCTURE

Project No.

To be determined

Status:

Requires funding

Estimated Project Cost:

\$5,000,000

Project Limits:

To Be Determined

Funding Sources:

Eligible Funding Source: To Be Determined

Identified Funding Source: None

Project Description:

This project will construct a parking structure in the downtown area for additional parking capacity.

PARK PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

ST-#	Street Projects
S-#	Signal Projects
W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

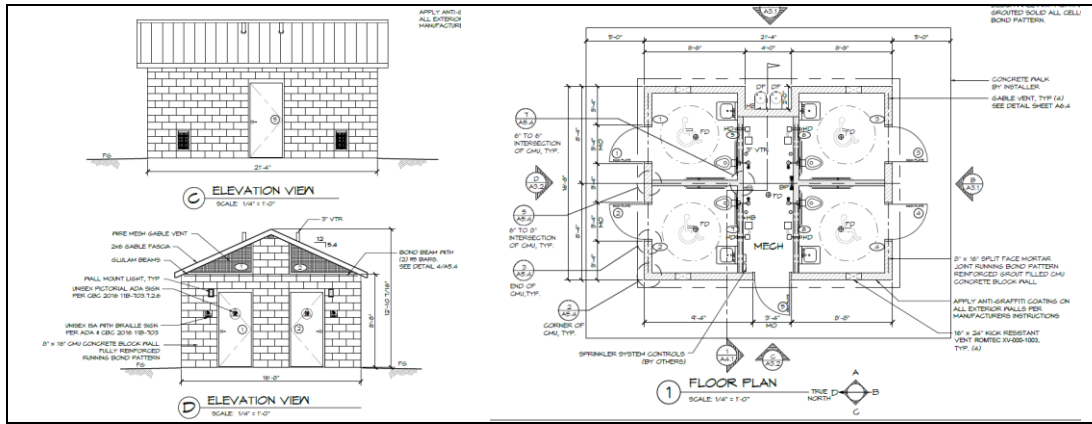
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



PK - 1: CENTRAL HARBOR PARK RESTROOMS

Project No.

Status:
Awaiting Funding

Estimated Project Cost:
\$482,000

Project Limits:
Central Harbor Park

Funding Sources:

Eligible Funding Source: Marina Enterprise Fund
Potential Funding Source: \$392,000 Department of Boating and Waterways Boating Facilities Grant (applied January, 2017)
Identified Funding Source: TBD

Project Description:

This project will demolish and reconstruct ADA accessible restroom facilities at Central Harbor Park. This work will replace two other dilapidated restrooms in order to support the proposed community center on the berm.



PK-2: Old Growth Tree Care

Project No.

TBD (will be added later)

Status:

None

Estimated Project Cost:

\$100,000

Project Limits:

- • Buchanan Park
- • Railroad Avenue between Alvarado and HYW 4
- • City Park

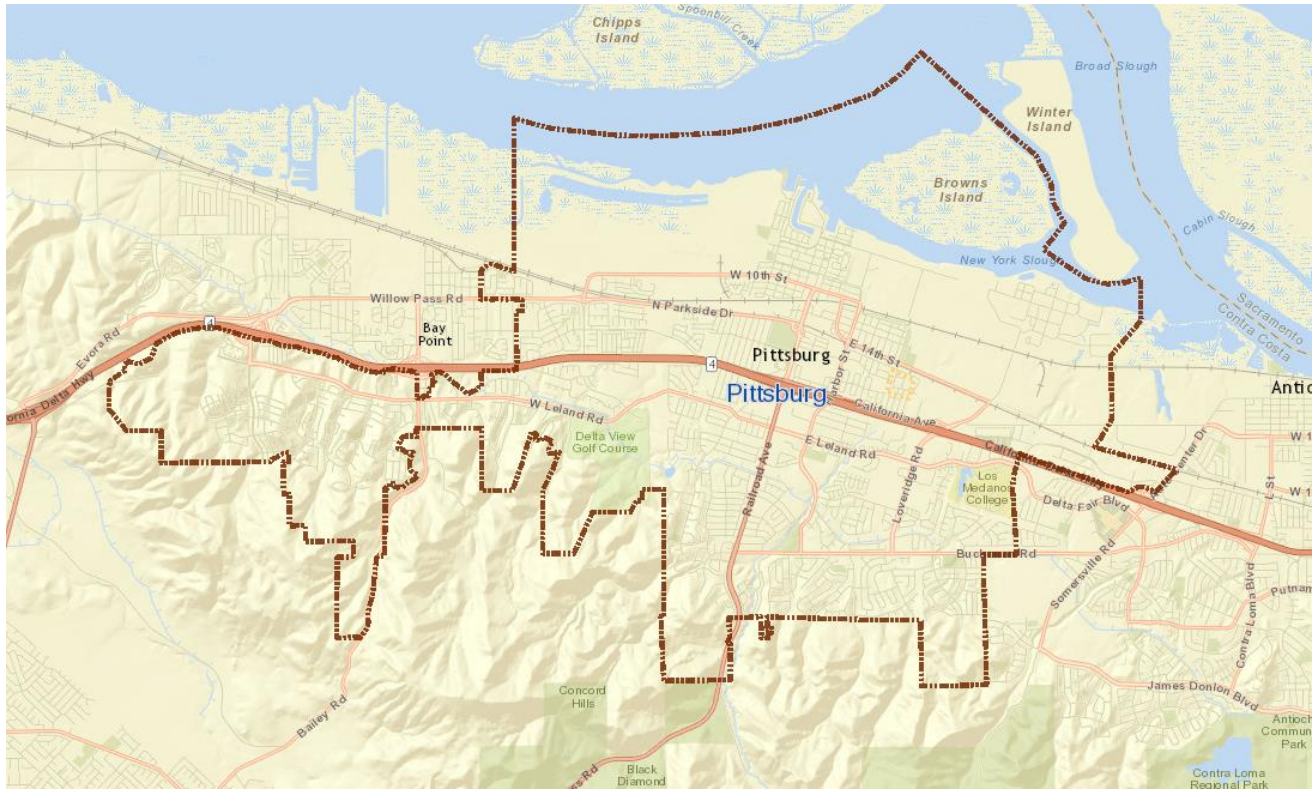
Funding Sources

Eligible Funding Sources: .

Identified Funding: Unknown at this time

Project Description:

Funding is requested to prune old grown Eucalyptus trees. Existing stands of Eucalyptus are too tall for in-house staff and equipment to manage and their pruning needs have not been addressed in a timely manner. The lack of tree care is detrimental to the trees' health and aesthetic appearance.



PK-4: ANNUAL PLAYGROUND REPLACEMENT PROJECT

Project No.

Status:

Estimated Project Cost:
\$80,000 Annually

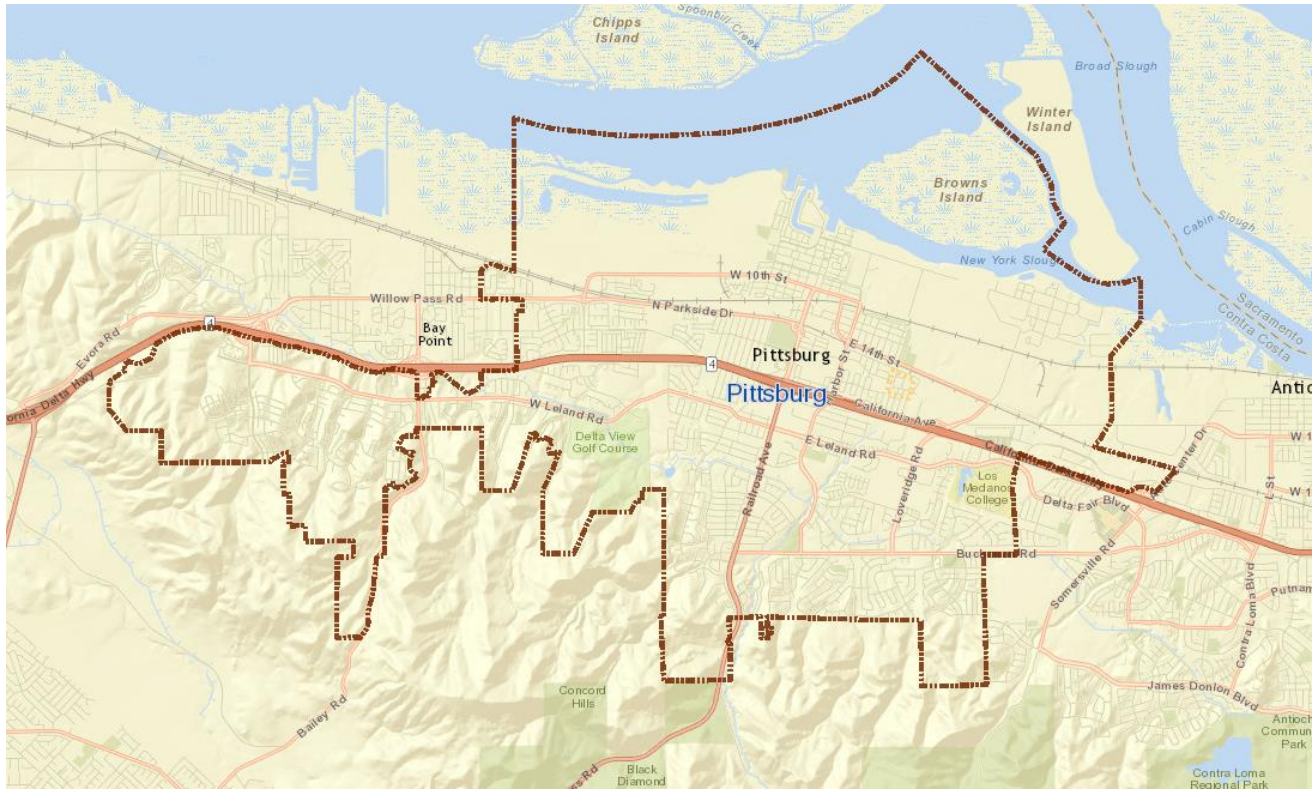
Project Limits:
Citywide

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Recurring annual project for replacement of playground equipment and related amenities at public parks throughout the City. Priority for locations determined by Public Works with input for Recreation Services.



PK-5: CASP ACCESSIBILITY IMPROVEMENTS IN PARKS

Project No.

Status:

Estimated Project Cost:
\$150,000

Project Limits:
Citywide

Operation and Maintenance

Funding Sources:
Park Dedication Fees (PDF)

Project Description:

Project to install, repair, or construct improvements at City owned parks as recommended by Certified Access Specialist Program (CASP) – ADA survey of facilities and prioritized by Public Works staff.



PK-6: CITY PARK SOCCER FIELD TURF REPLACEMENT

Project No.

Status:

Not Funded

Estimated Project Cost:
\$500,000

Project Limits:
City Park

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Replacement of all-weather, turf soccer field at City Park.



PK-7: DE ANZA PARK WALKWAY REHABILITATION AND BASKETBALL COURT

Project No.

Status:

Unfunded

Estimated Project Cost:
\$200,000

Project Limits:
De Anza Park

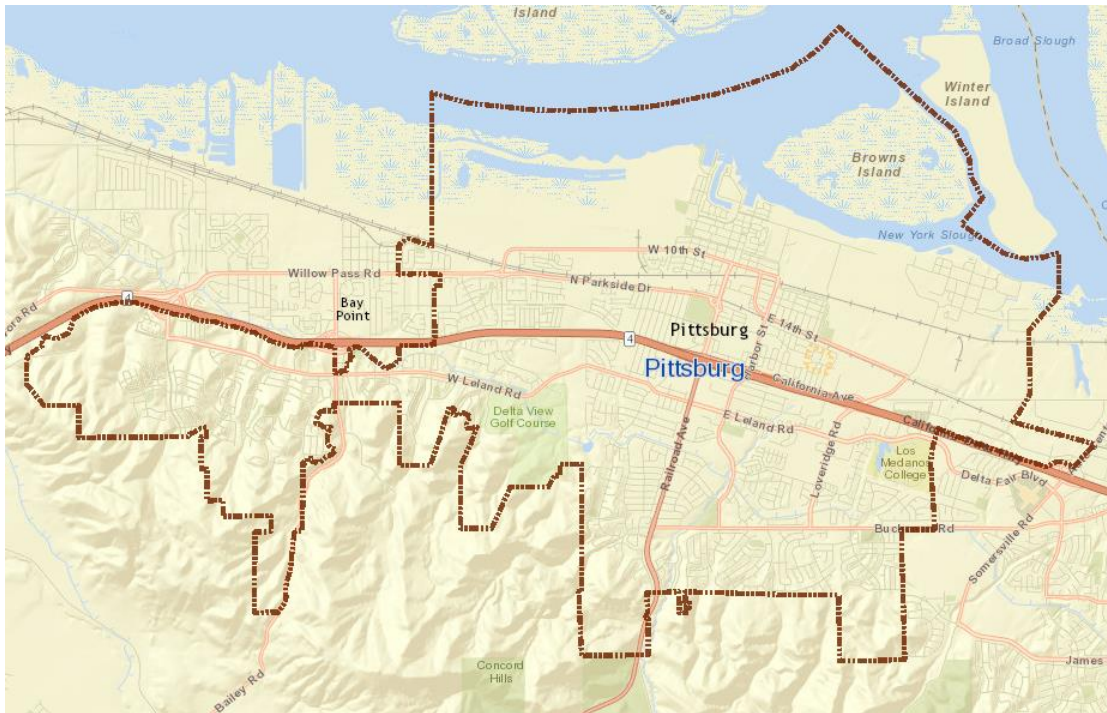
Operation and Maintenance

Funding Sources:

Grants & Park Dedication Fees (PDF)

Project Description:

Project to rehabilitate/repair/ reconstruct deteriorated walkways and for design and construction of basketball court at De Anza Park.



PK-8: BIENNIAL PLAYFIELD REPLACEMENT

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$250,000 annually

Project Limits:

City Wide

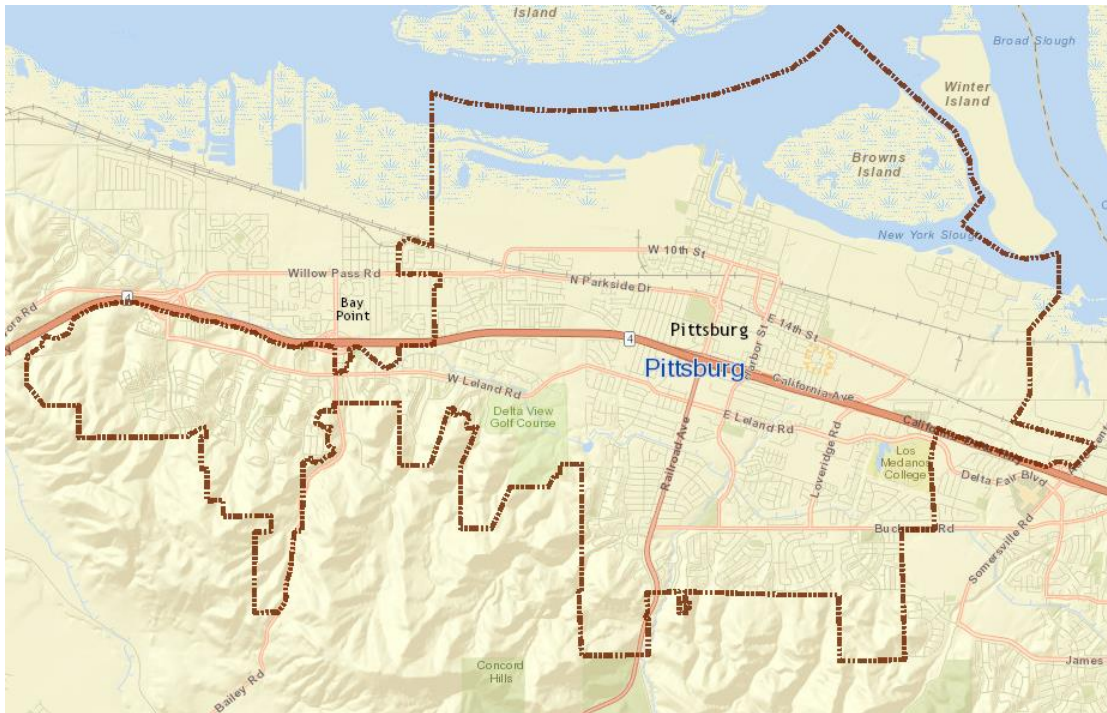
Operation and Maintenance

Funding Sources:

Grants & Park Dedication Fees (PDF)

Project Description:

Recurring \$500,000 biennial project for public parks throughout the City. Priority for locations determined by Public Works with input from Recreation Services.



PK-9: ANNUAL PARK FEATURES REPLACEMENT PROJECT

Project No.

Status:

Estimated Project Cost:
\$75,000 annually

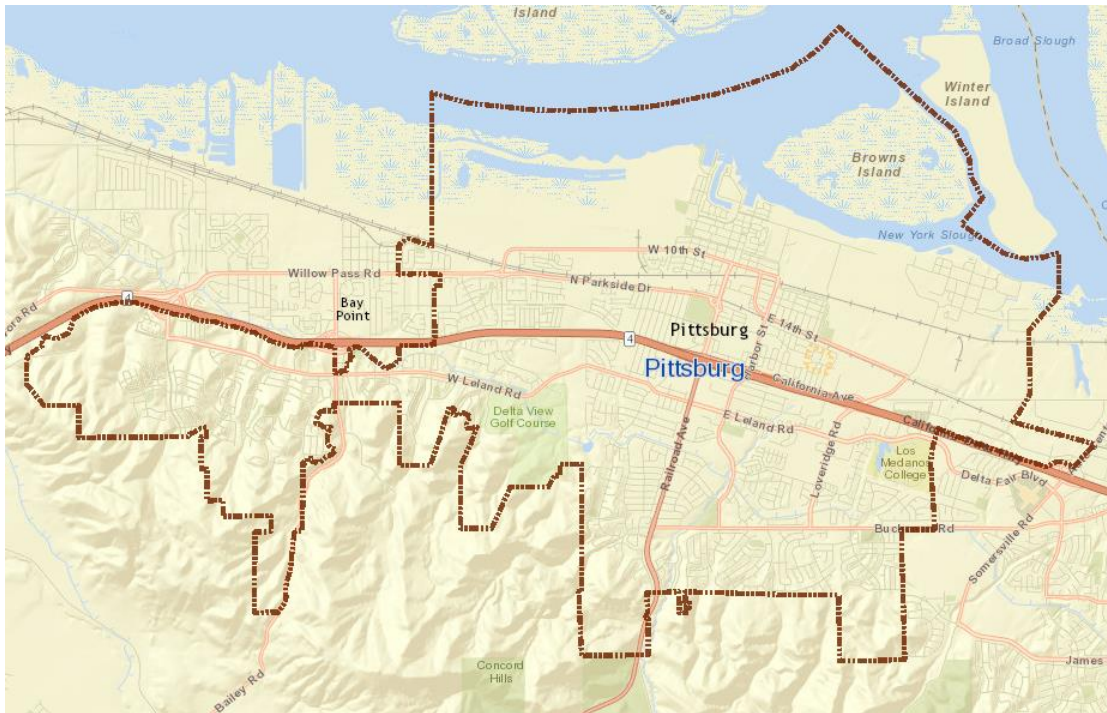
Project Limits:
City Wide

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Recurring annual project for public parks throughout the City. Priority for locations determined by Public Works with input from Recreation Services.



PK-10: BIENNIAL RESTROOM REPLACEMENT/REHABILITATION

Project No.

Status:

Awaiting Funding

Estimated Project Cost:
\$250,000 annually

Project Limits:
City Wide

Operation and Maintenance

Funding Sources:

Grants & Park Dedication Fees (PDF)

Project Description:

Recurring \$500,000 biennial project for restrooms in public parks throughout the City. Priority for locations determined by Public Works with input from Recreation Services.



PK-11: SULLENBERGER SWIM CENTER IMPROVEMENTS/ SOLAR HEATING

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$300,000

Project Limits:

Buchanan Park

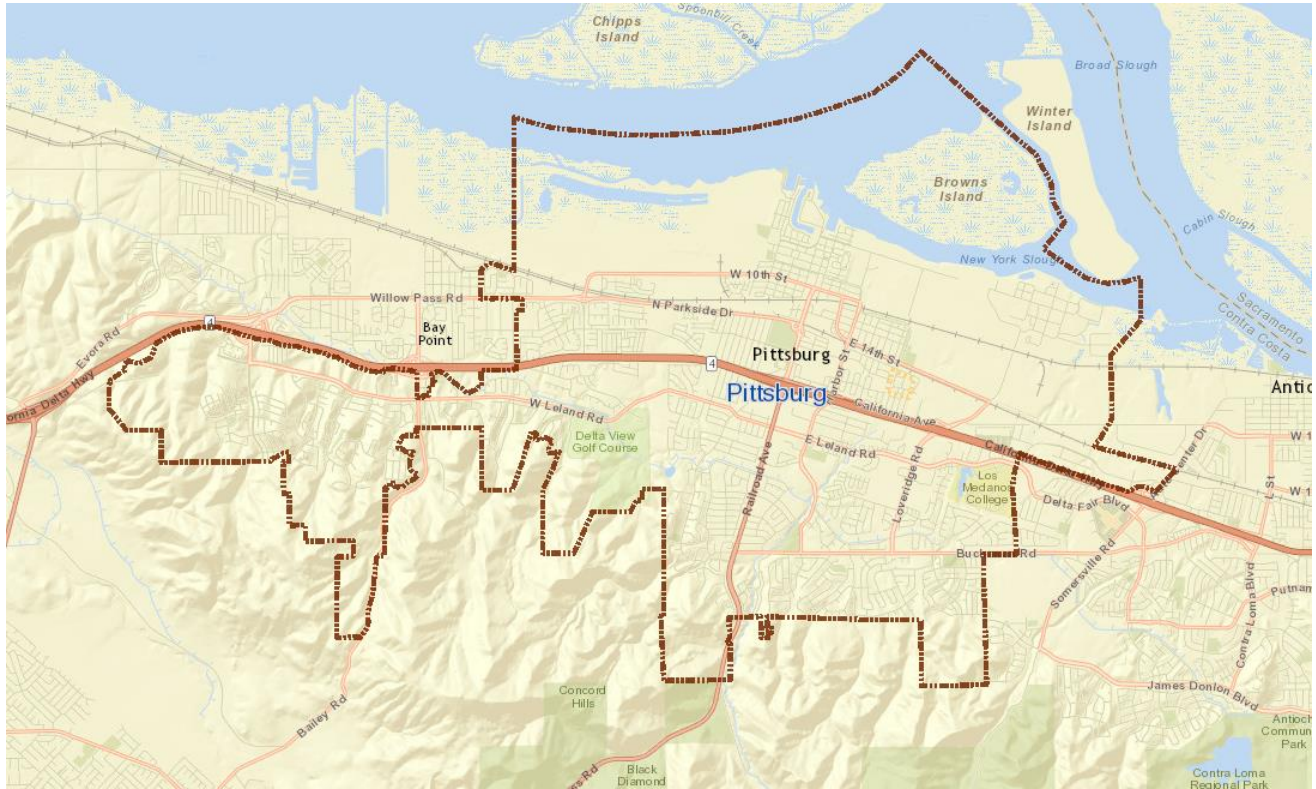
Funding Sources:

Eligible Funding Source: Park Dedication Fee

Identified Funding Source: None.

Project Description:

This project will install a solar system to supplement heating and resurface the exterior pool decking.



PK-12: ALL ABILITIES PLAYGROUND

Project No.

Status: Unfunded

Estimated Project Cost:
\$2,000,000

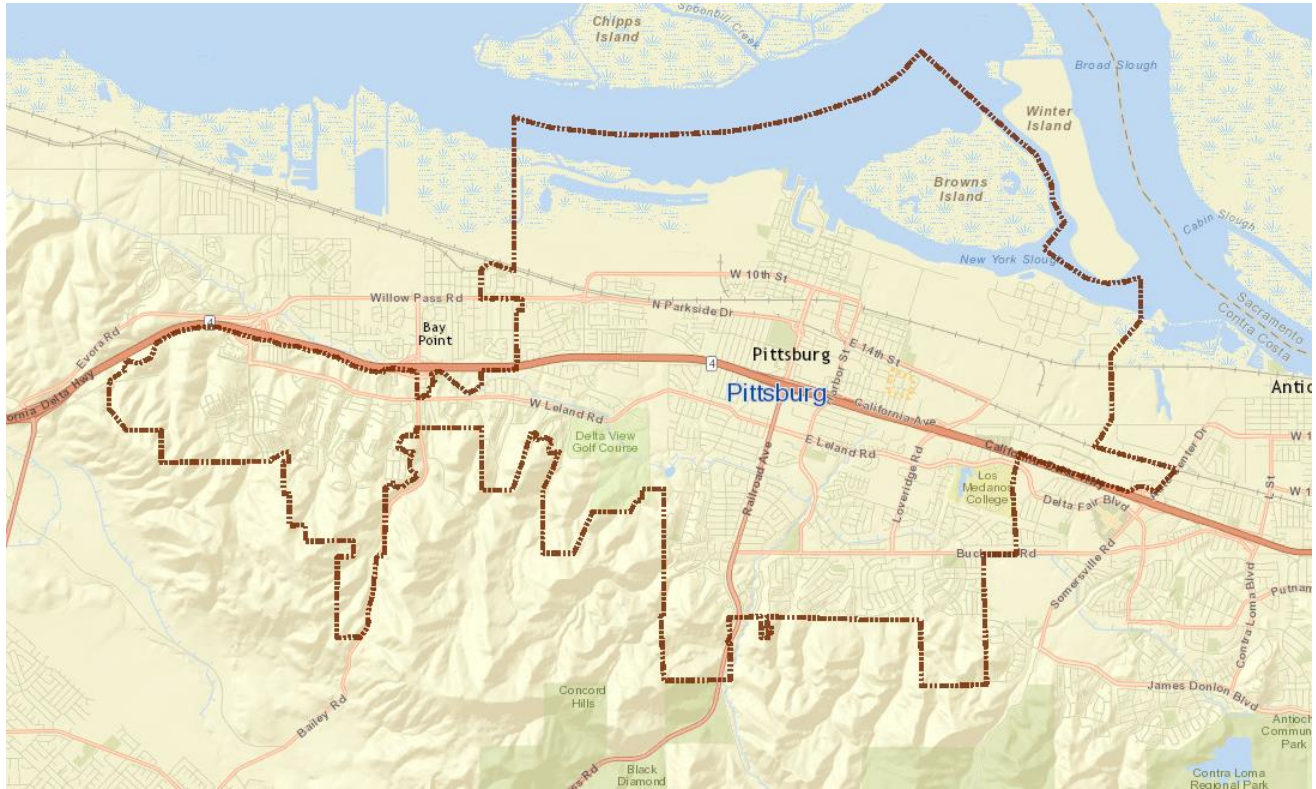
Project Limits:
TBD

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Project to design and construct an All Abilities Playground within a city park with amenities accessible and appropriate for use by children of all abilities.



PK-13: PARK AND LANDSCAPING IMPROVEMENT PROJECT

Project No.

Status: Unfunded

Estimated Project Cost:
\$200,000

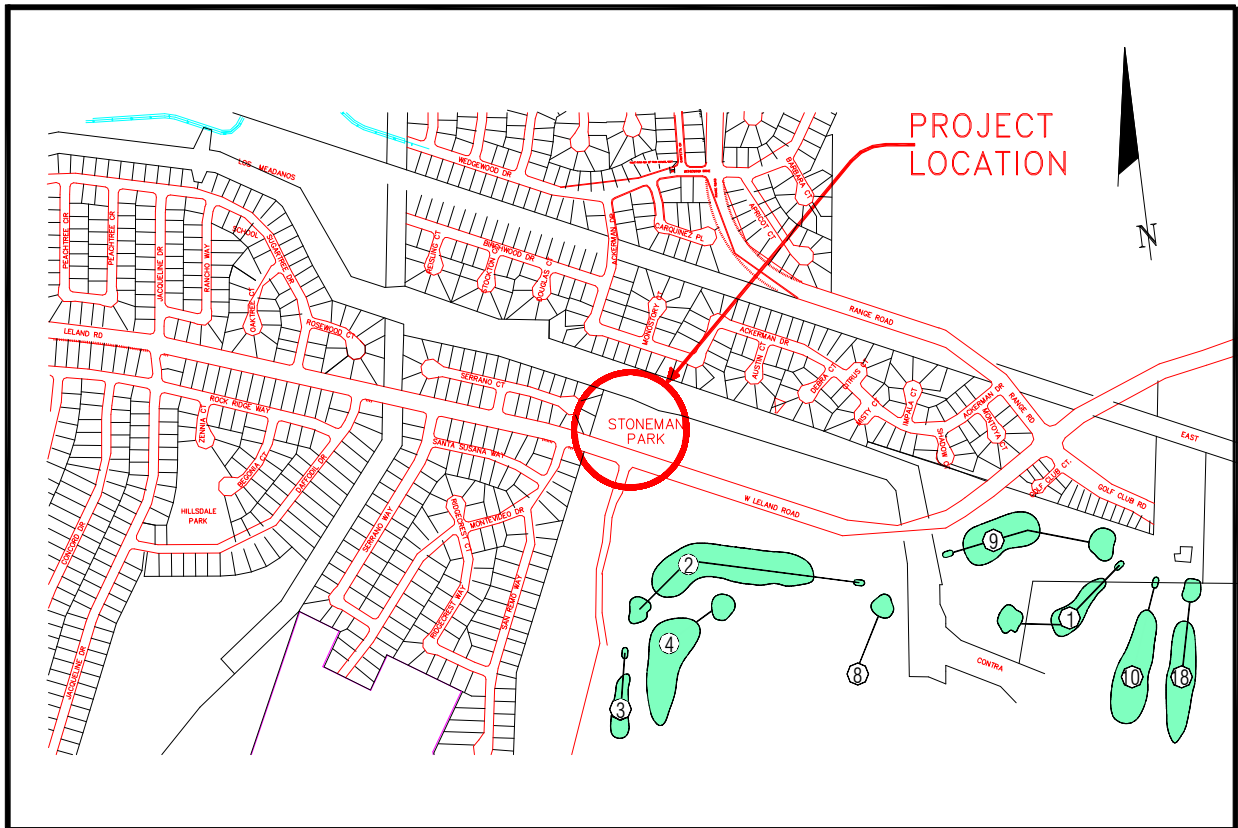
Project Limits:
TBD

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

This project is for the replacement or removal of high maintenance amenities and landscaping at City maintained parks, medians, and landscaping features throughout the City. The intent of this project is to reduce or eliminate maintenance/staffing requirements by replacing or improving park and landscaping facilities with those that require less time to maintain resulting in an overall cost savings.



PK-14: SKATEBOARD PARK AT STONEMAN NORTH

Project No.

To be determined

Status:

Awaiting funding.

Estimated Project Cost:

\$480,000

Project Limits:

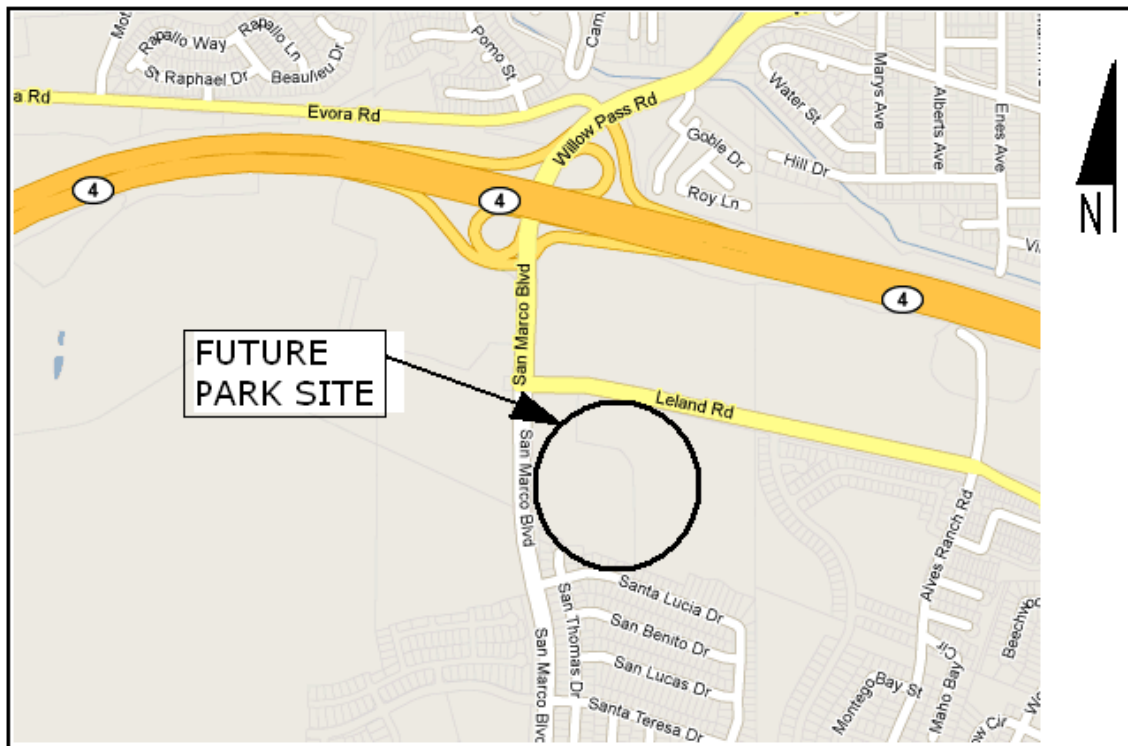
Located in Stoneman North Park on the southwest corner at West Leland Road and John Henry Johnson Parkway.

Funding Sources:

Eligible Funding Source: Park Dedication Fee
Identified Funding Source: TBD

Project Description:

This project will provide for an approximate 10,000 square foot Skateboard Park. The park may include prefabricated jump ramps, bleachers, fencing, lighting, and drinking fountain. This project will be close to parking, restrooms and a bus stop.



PK-15: RAY GIACOMELLI PARK AT SAN MARCO BOULEVARD/WEST LELAND ROAD – Phase I

Project No.

To be determined

Status:

Under construction.

Estimated Project Cost:

\$2,600,000

Project Limits:

San Marco Community

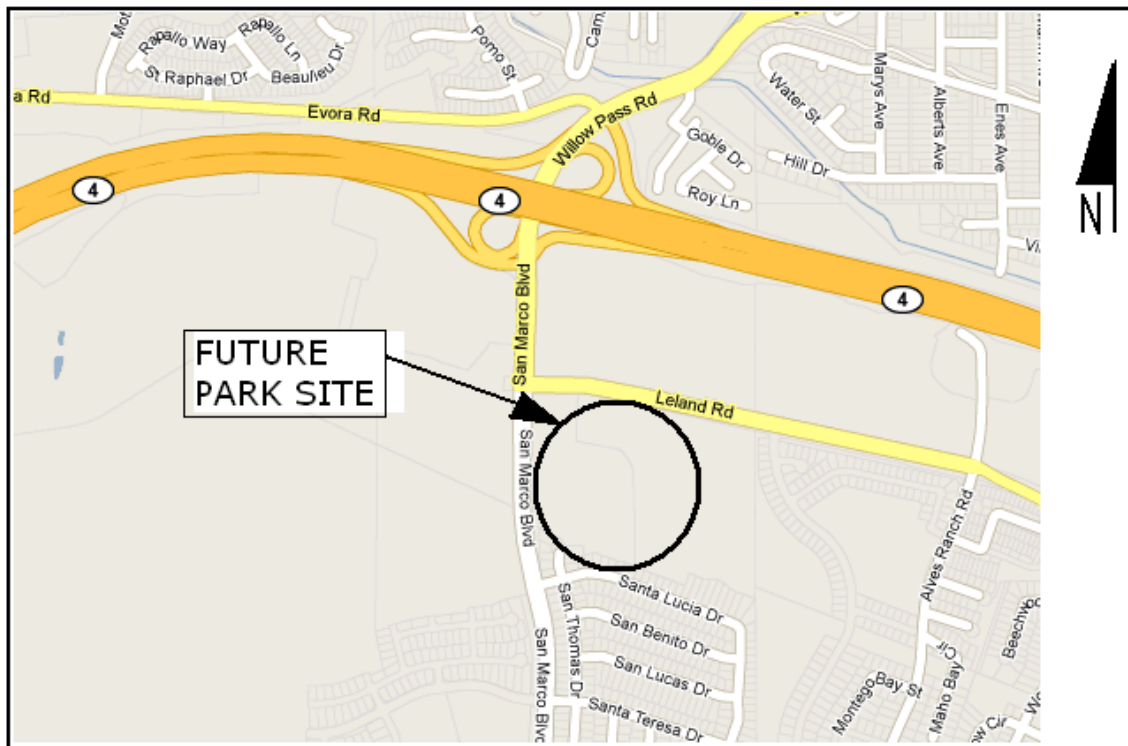
Funding Sources:

Eligible Funding Source: Park Dedication Fee/ Developer

Identified Funding Source: \$50,000 PDF, \$2,550,000 Developer

Project Description:

This project includes construction of the eastern side of a new 6 - acre park at the southeast corner of San Marco Boulevard and West Leland Road. Phase I includes access driveway, lawn/picnic area, playground, pathways, dog park, parking, lighting and restrooms. The facilities that are planned for Phase II and the location of Phase II are to be determined.



PK-16: RAY GIACOMELLI PARK AT SAN MARCO BOULEVARD/WEST LELAND ROAD – Phase II

Project No.

To be determined

Status:

Planning

Estimated Project Cost:

\$2,000,000

Project Limits:

San Marco Community

Funding Sources:

Eligible Funding Source: Park Dedication Fee/ Developer

Identified Funding Source: TBD

Project Description:

This project is currently planned for construction at the western side of a new 6 - acre park at the southeast corner of San Marco Boulevard and West Leland Road. The potential facilities for Phase II include basketball, baseball, parking, and pathways. The actual scope will be determined based on available funding. The location may change based on negotiations for commercial development at this location to include a grocery store. Another site for the Phase II amenities would be chosen within the San Marco Subdivision should the commercial development proceed.



PK-26: Buchanan Park Pavement Rehabilitation Project

Project No.
TBD

Status:
Awaiting funding

Estimated Project Cost:
\$245,000

Project Limits:
Buchanan Park

Funding Sources
Eligible funding sources: PDF
Identified funding sources: None

Project Description:

The project would reconstruct the parking lot, parking lot entrance and asphalt curb at Buchanan Park. Project includes restriping and storm drain inlet improvements. Curb Ramps will be installed per CDBG Curb Ramp Installation Project.



PK-40: DREDGE BUCHANAN PARK POND

Project No.

To be determined

Status:

Awaiting funding.

Estimated Project Cost:

\$200,000

Project Limits:

Buchanan Park

Funding Sources:

Eligible Funding Source: PDF

Identified Funding Source: TBD

Project Description:

This project will dredge the 1 acre Buchanan Park pond to its original design depth of four feet.

GENERAL PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

CIP Identification Number: (example: ST-5)

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W-#	Water Projects
SS-#	Sewer Projects
SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



G-1: CITY STANDARD SPECIFICATIONS UPDATE

Project No.

N/A

Status:

Nearly complete

Estimated Project Cost:

\$150,000

Project Limits:

N/A

Funding Sources:

Eligible Funding Source: WOF, SOF,
Measure J, Gas Tax, IRRF, ME

Identified Funding Source: \$21,500 WOF,
\$21,000 SOF, \$12,000 ME, \$44,500 Gas Tax,
\$51,000 IRRF

Project Description:

The Pittsburg Standard Specifications were last updated in the 80's. They contain out of date references to testing requirements, materials, and other agency standards. They also include materials that are no longer allowed or used on current construction projects. They are also missing new materials that are now in standard use by the City. The Pittsburg Standard Specifications are no longer referred to when preparing bid documents due to the amount corrections that need to be made when using them. This project will update the City Standard Specifications to reflect current needs.



G-2: CITY STANDARD DETAILS UPDATE

Project No.

N/A

Status:

Awaiting Funding

Estimated Project Cost:

\$100,000

Project Limits:

N/A

Funding Sources:

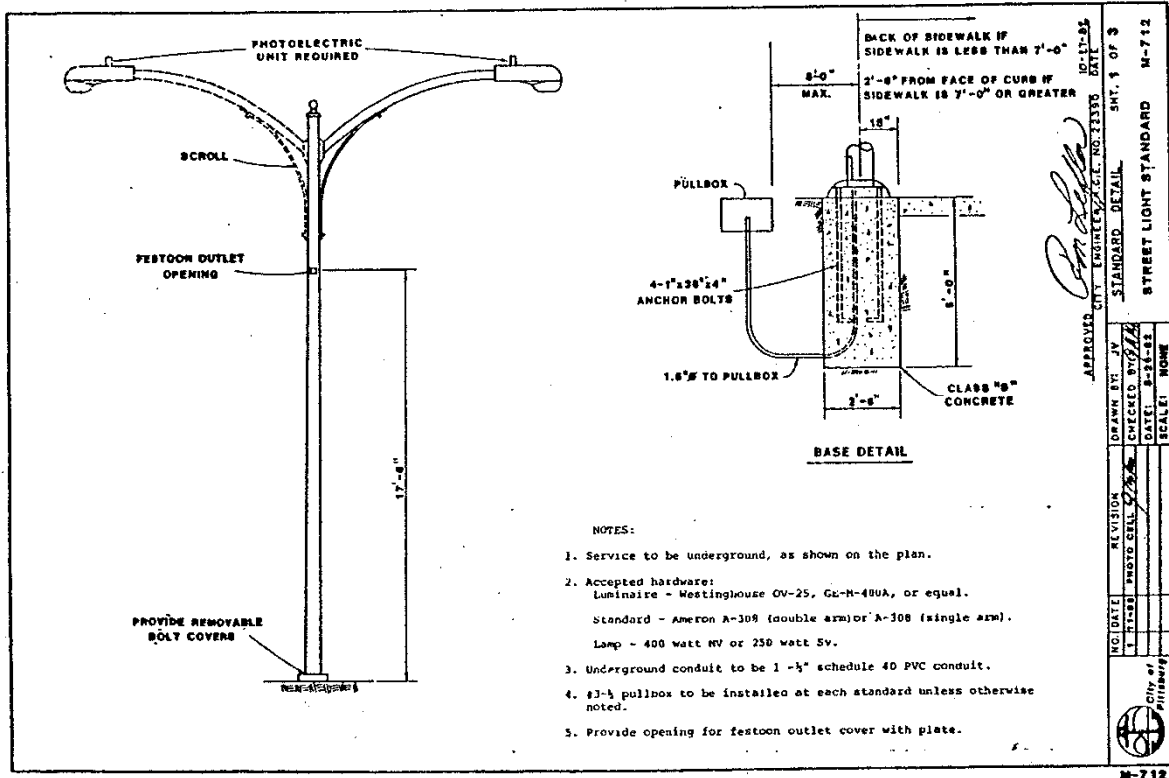
Eligible Funding Source: WOF, SOF,
Measure J, Gas Tax, IRRF, PDF

Identified Funding Source: \$32,000 WOF,
\$11,000 SOF, \$26,000 Gas Tax, \$31,000
PDF

Project Description:

The Pittsburg Standard Details were last updated in 2014, with a partial update. Since that time the City has undertaken an update to the Pittsburg Standard Specifications. The update to the Standard Specifications has initiated the need to update related standard details.

This project will provide for the necessary updates to the Standard Details. Updating of the Standard Details, combined with the current Standard Specifications update, will help staff, developers, contractors, and consultants to ensure that the City receives materials, construction methods, and quality assurance that it needs for City owned and maintained infrastructure.



G-7: PG&E STREET LIGHT FACILITIES ACQUISITION

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$1,050,000

Project Limits:

Citywide

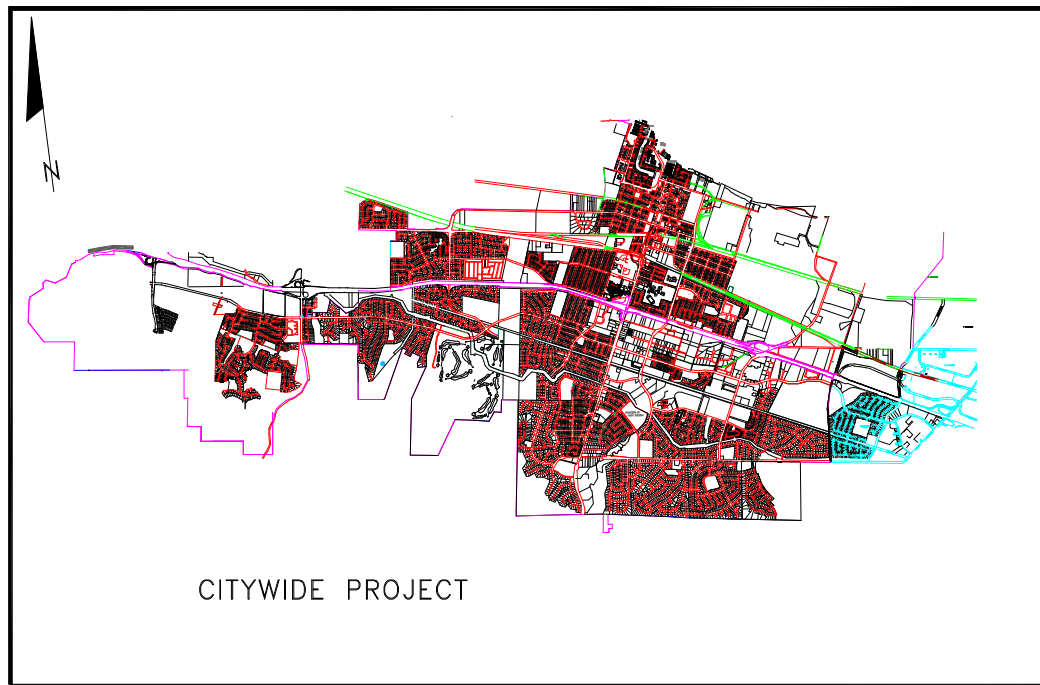
Funding Sources:

Eligible Funding Source:

Identified Funding Source: TBD

Project Description:

This will provide funding to buy out street lights from PG&E so they can be City owned and maintained, instead of the City paying PG&E for maintenance. There are approximately 3,671 PG&E-owned street lights in the City. The City currently owns approximately 32%, or 1,163 of the 4,834 street lights in the City. This project will not only save the City annual operating funds but will allow the Public Works Department to provide improved and more responsive service to street light complaints.



G-9: ADA TRANSITION PLAN UPDATE

Project No.

Status:

Awaiting funding.

Estimated Project Cost:

\$50,000

Project Limits:

Citywide

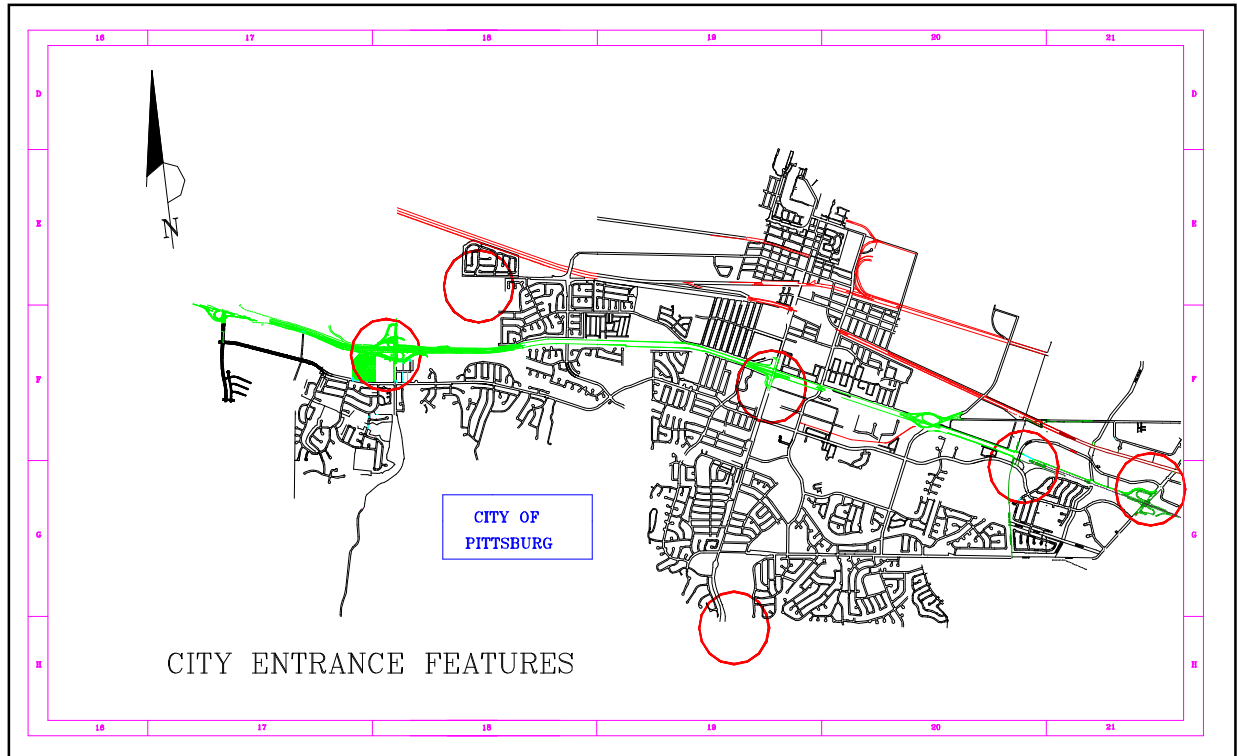
Funding Sources:

Eligible Funding Source:

Identified Funding Source: None

Project Description:

This project will survey current City facilities, including public buildings and curb ramps at intersections, to determine whether they are compliance with the Americans with Disabilities Act (ADA). For facilities not currently in compliance, the transition plan prioritizes, identifies funding for, and may establish a broad time line for achieving compliance with current ADA requirements.



G-12: CITY LIMIT ENTRANCE FEATURES

Project No.

Status:

Awaiting funding.

Estimated Project Cost:

\$120,000

Project Limits:

City entrances

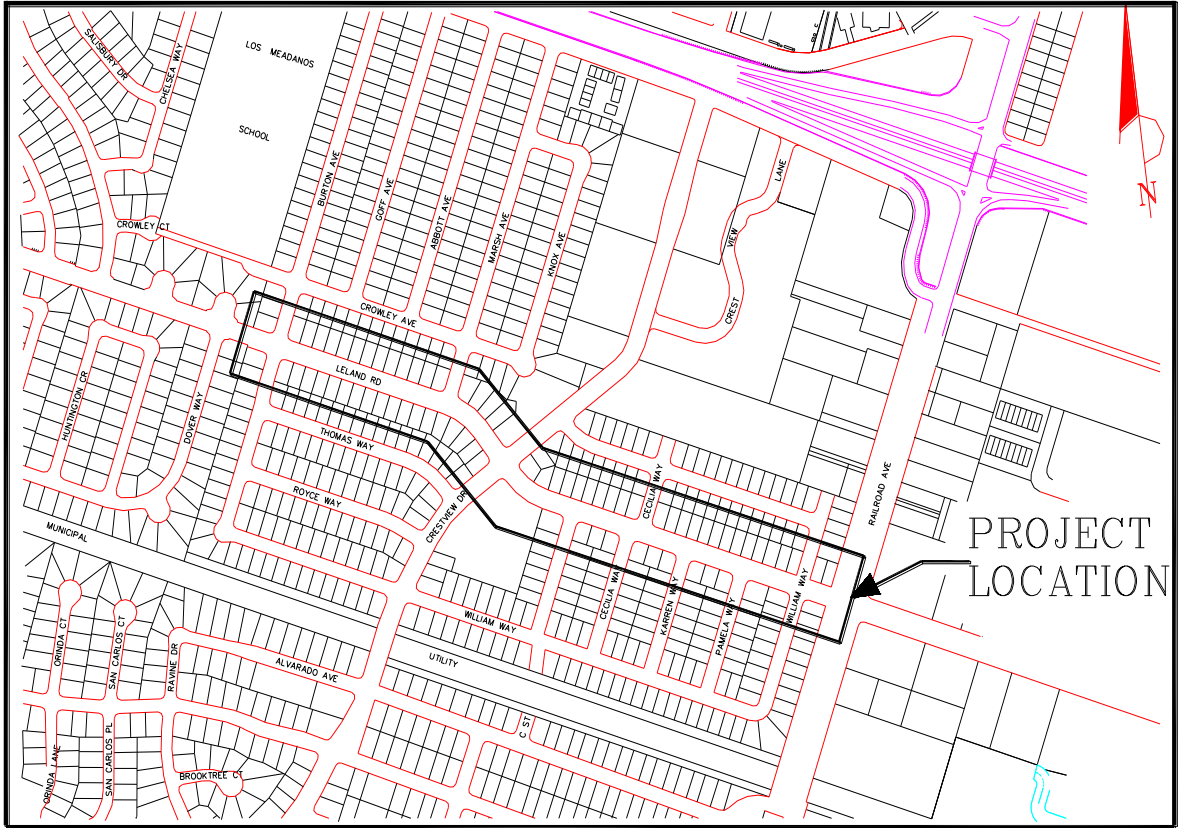
Funding Sources:

Eligible Funding Source:

Identified Funding Source: TBD

Project Description:

This project will construct entrance features at major entrances to the City.



G-18: WEST LELAND ROAD UNDERGROUND UTILITIES (Railroad Avenue to Burton Avenue)

Project No.

To be determined

Status:

Mainline Construction to start in Winter 2018

Estimated Project Cost:

\$1,400,000

Project Limits:

W. Leland Road (Railroad Avenue to Burton Avenue)

Funding Sources:

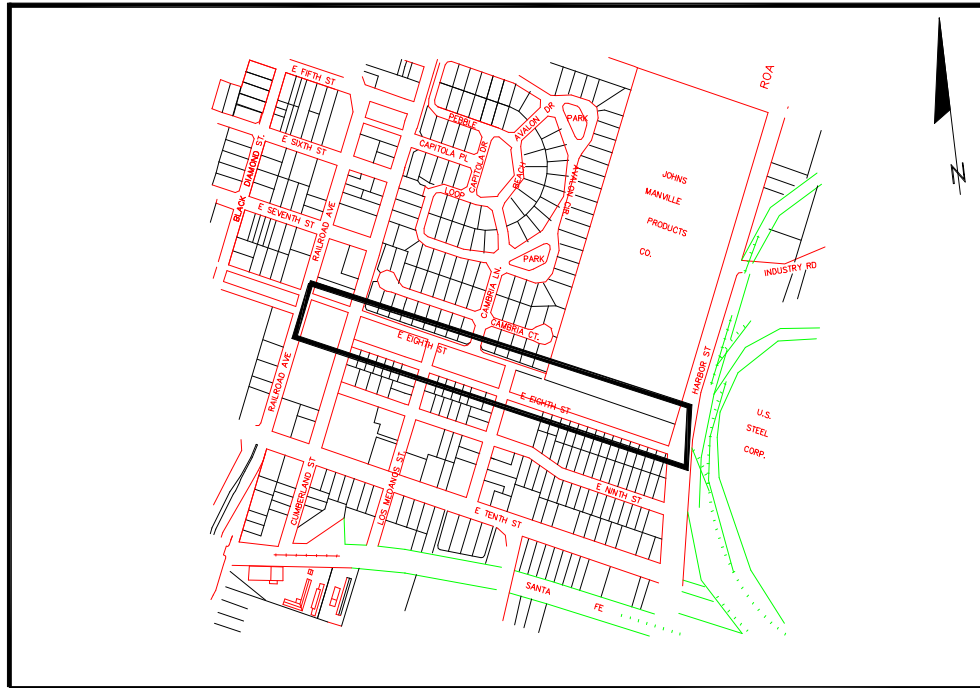
Eligible Funding Source: Rule 20A

Identified Funding Source:, \$1,400,000 Rule 20A/32

Project Description:

This project will underground the existing overhead utilities along West Leland Road from Railroad Avenue to Burton Avenue.

The project requires obtaining several easements for electrical boxes.



G-25: EAST 8TH STREET UNDERGROUND UTILITIES (Railroad Avenue to Harbor Street)

Project No.

To be determined

Status:

Awaiting Funding

Estimated Project Cost:

\$840,000

Project Limits:

E. Eighth Street

Funding Sources:

Eligible Funding Source: Rule 20A

Identified Funding Source: None

Project Description:

This project will remove overhead utilities and place them underground along East Eighth Street and the linear park from Railroad Avenue to Harbor Street.

PITTSBURG POWER PROJECTS

PROJECT DESCRIPTIONS

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	PK-#	Park Projects
	B-#	Building Projects
	G-#	General Projects
	PP-#	Pittsburg Power Projects
	M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

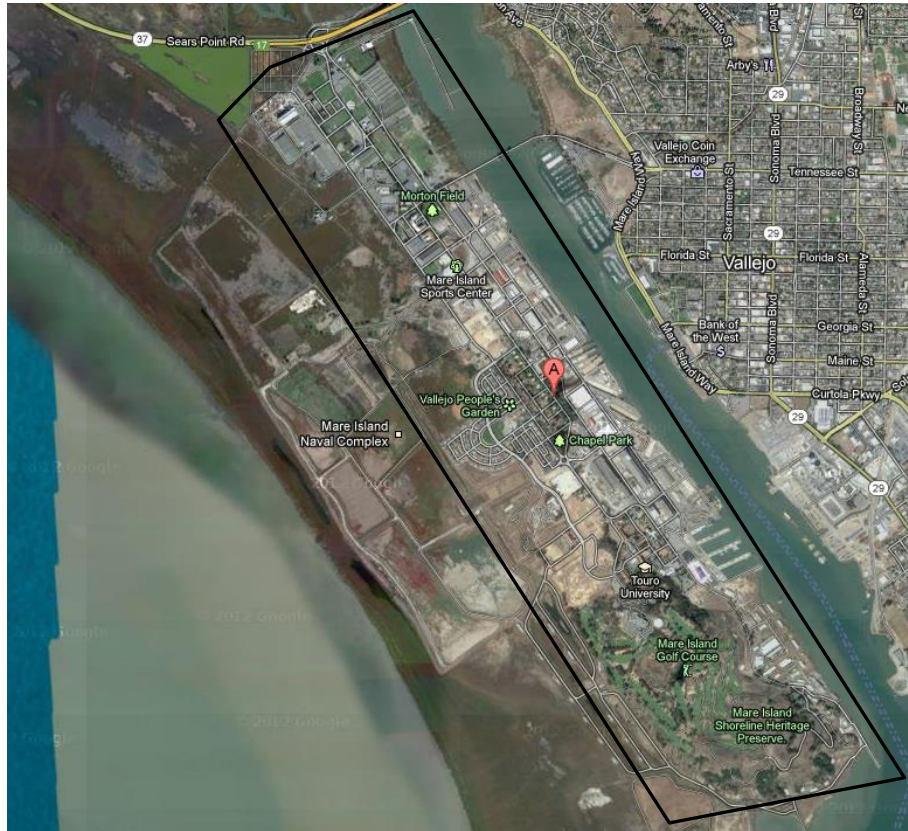
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



Potential Cable Replacement Area

PP- 1 : FY2017-2018 CABLE REPLACEMENT

Project No.:

Status: awaiting funding

Timing: FY 2017 – FY 2018

Estimated Project Cost:

\$250,000

Project Limits:

Island Energy service territory

Operation and Maintenance

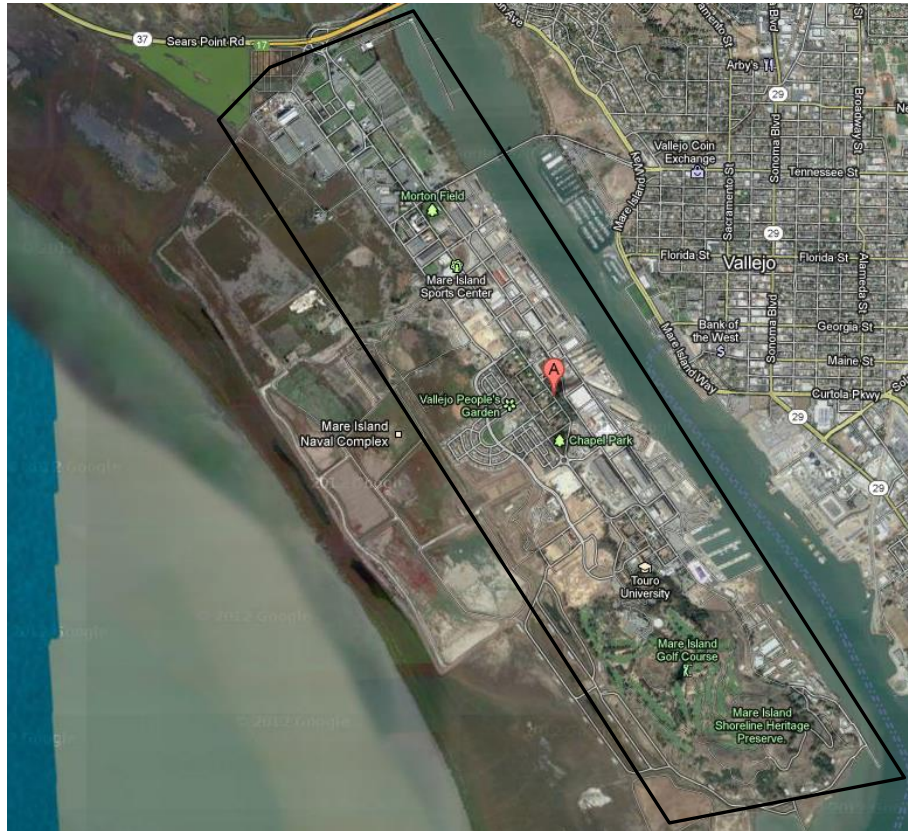
Project is expected to improve system reliability

Funding Sources

\$250,000 Island Energy reserves

Project Description:

This project will replace approximately 6,000 feet of electrical cable



Area Covered by Phase 1 RA Switches

PP-5: RA Switch Removal & Replacement Phase 1

Project No. PP-5

Status: In process

Timing: FY 2015 – FY 2017

Estimated Project Cost:

\$175,000

Project Limits:

Island Energy service territory

Operation and Maintenance

Project is expected to reduce O&M costs.

Funding Sources

Recycling fund

Project Description: Remove first set of RA switches and, where appropriate replace with PME switches or load break junctions. Plan is to carry out majority of project internally.



PP-24: Substation P Switchgear Upgrade

Project No. PP-24

Status: Construction

Timing: FY 2015 – FY 2016

Estimated Project Cost:

\$200,000

Project Limits:

N/A

Operation and Maintenance

Project is expected to reduce O&M costs.

Funding Sources

\$200,000 Island Energy Reserves

Project Description: Remove and replace all Substation DD1 breakers and switchgear. Plan is to carry out majority of project internally.



PP-25: Gas line removal and replacement

Project No. PP-25

Status: Planning

Timing: FY 2015 – FY 2016

Estimated Project Cost:

\$100,000

Project Limits:

N/A

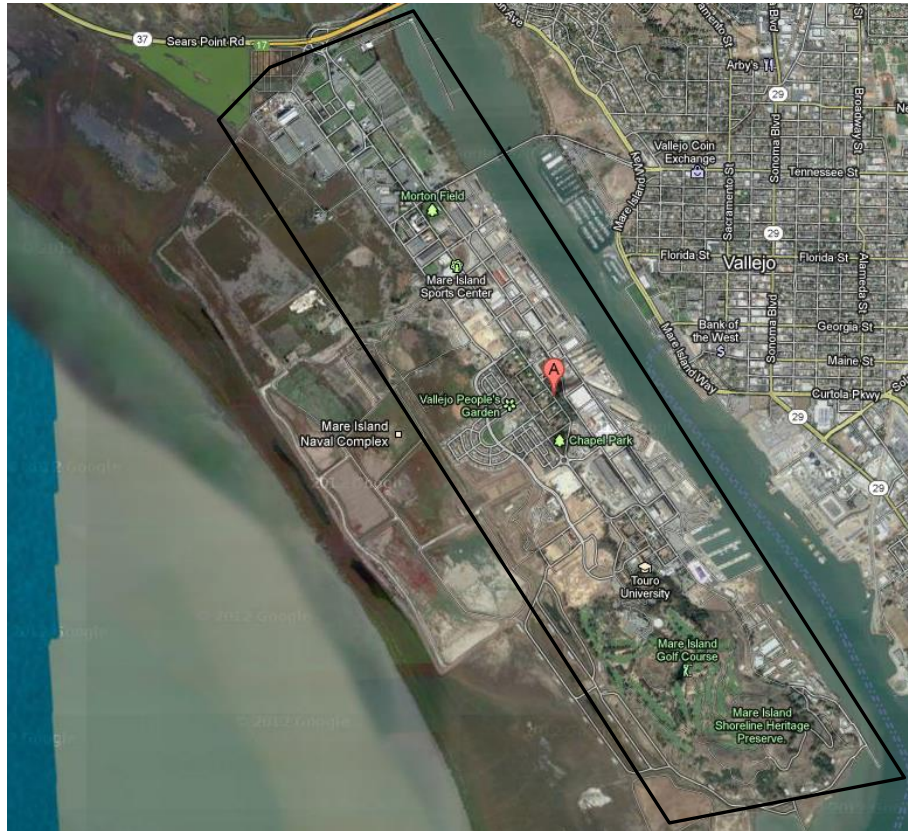
Operation and Maintenance

Project is expected to reduce O&M costs.

Funding Sources

\$100,000 Island Energy Reserves

Project Description: Remove gas line adjacent to VA clinic and replace with line 100 yards south connecting to existing 4" pipe adjacent to Murigenics building. Remove steel pipe attached to Bldg 599, remove above ground steel filter from VA parking area.



Potential Cable Replacement Area

PP-27: FY2016-2017 CABLE REPLACEMENT

Project No. PP-23

Status: awaiting funding

Timing: FY 2015 – FY 2016

Estimated Project Cost:

\$500,000

Project Limits:

Island Energy service territory

Operation and Maintenance

Project is expected to improve system reliability

Funding Sources

\$500,000 Island Energy reserves

Project Description:

This project will replace approximately 12,000 feet of electrical cable

MARINA PROJECTS

PROJECT DESCRIPTIONS

The CIP includes a general list of projects scheduled during each of the five years of the program, followed by detailed project sheets arranged by project category, such as Streets, Traffic Signals, Water, Sewer, etc. These sheets include information for each project as follows:

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SD-#	Storm Drainage Projects
PK-#	Park Projects
B-#	Building Projects
G-#	General Projects
PP-#	Pittsburg Power Projects
M-#	Marina Projects

Project Title: This is the title of the proposed project.

Project Number: A CIP contract or project number will be assigned to the projects as funding is established.

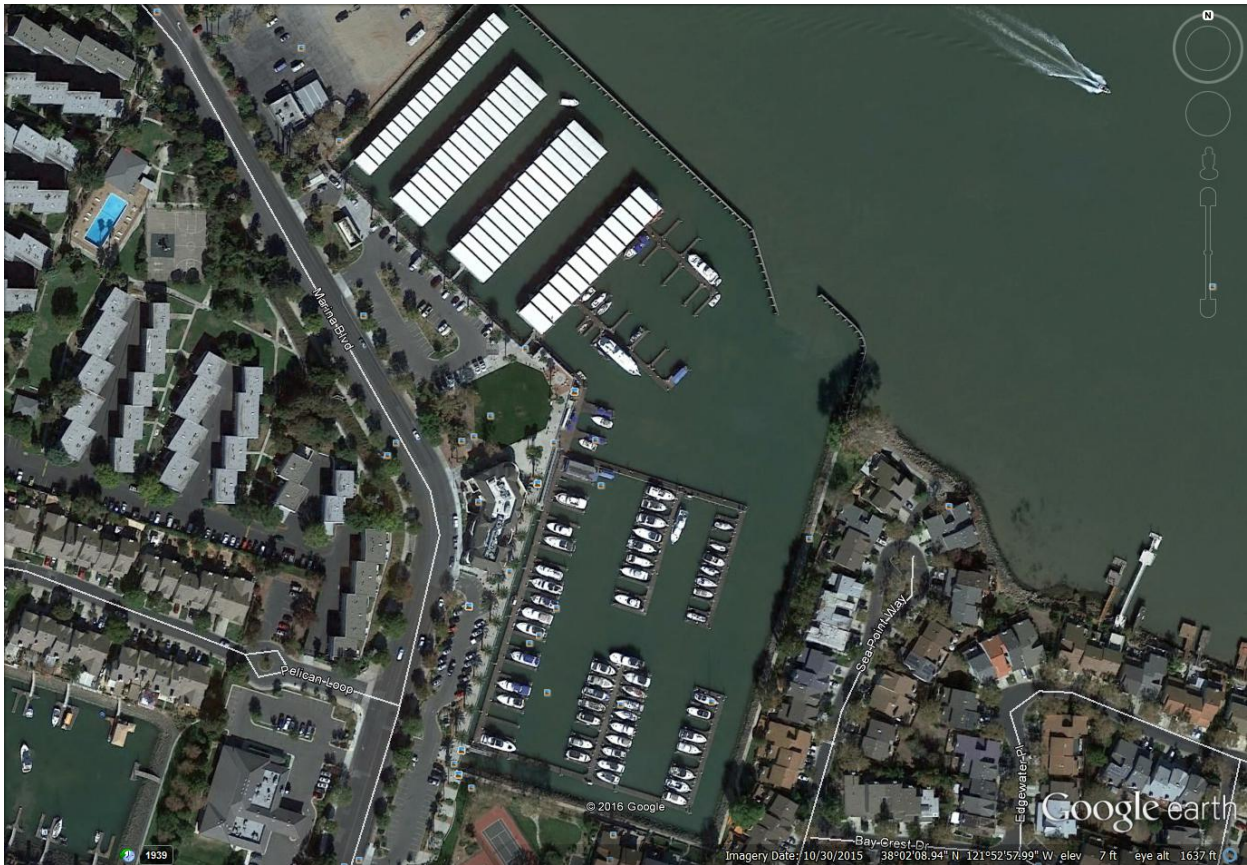
Status: This will indicate the project status if available.

Estimated Project Cost: Project cost estimates are used as place holders for project funding. Cost estimates shown here vary from conceptual project estimates to detailed design estimates. A more detailed cost estimate is prepared during the design phase of each project. Actual costs are unknown until bids are opened.

Project Limits: This is a written description of the project limits if available.

Funding Sources: This section identifies project funding sources that have been approved or will be approved with adoption of this CIP.

Project Description: This is a detailed description of the project.



M-1: LOWY BASIN MAINTENANCE DREDGING

Project No.

Status:
unfunded

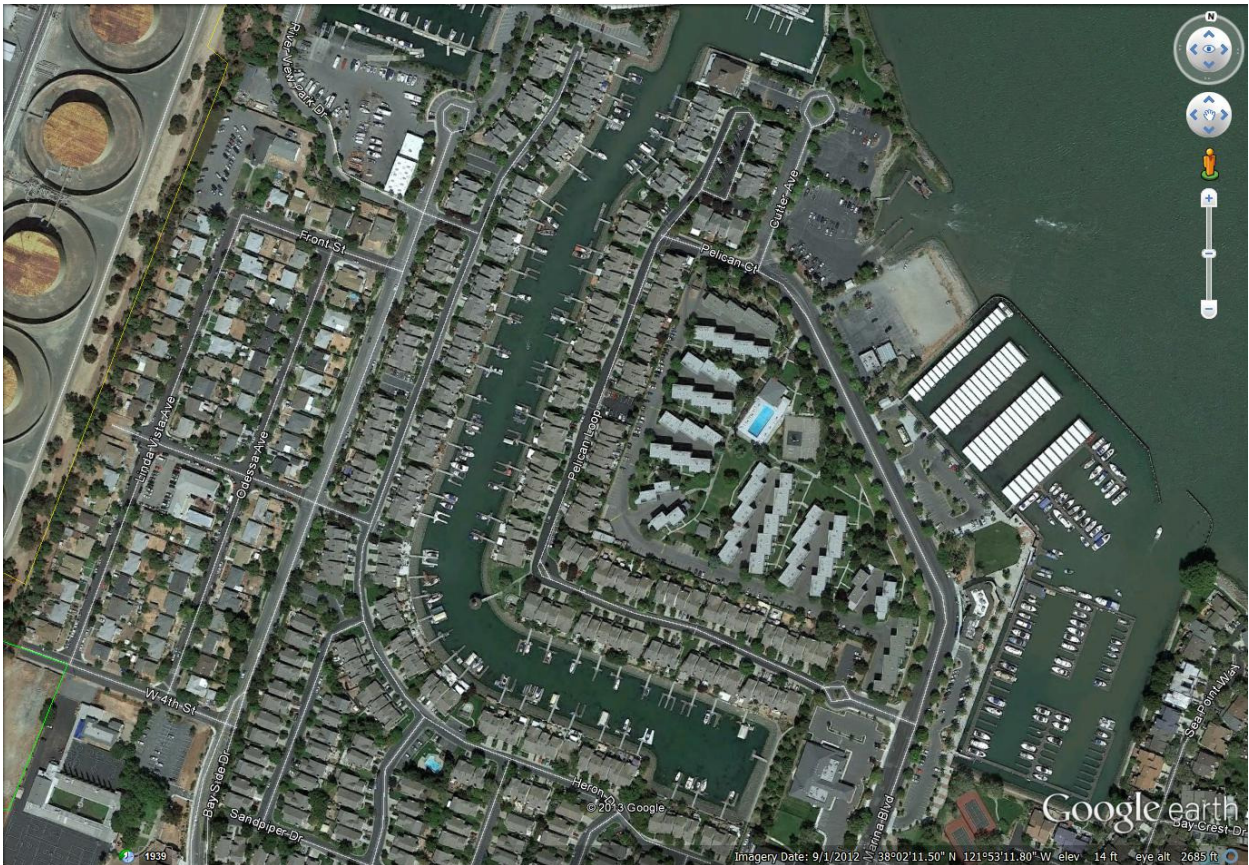
Estimated Project Cost:
\$400,000

Project Limits:
Lowy Basin

Funding Sources:
Eligible Funding Source: ME
Identified Funding Source:

Project Description:

This project will perform maintenance dredging at the Lowy Basin. This will remove accumulated silt and help prevent boats from touching the bottom of the marina with the hull or propeller.



M-2: NEW YORK LANDING CHANNEL DREDGING

Project No.

Status:

Awaiting funding

Estimated Project Cost:

\$300,000

Project Limits:

New York Landing Channel

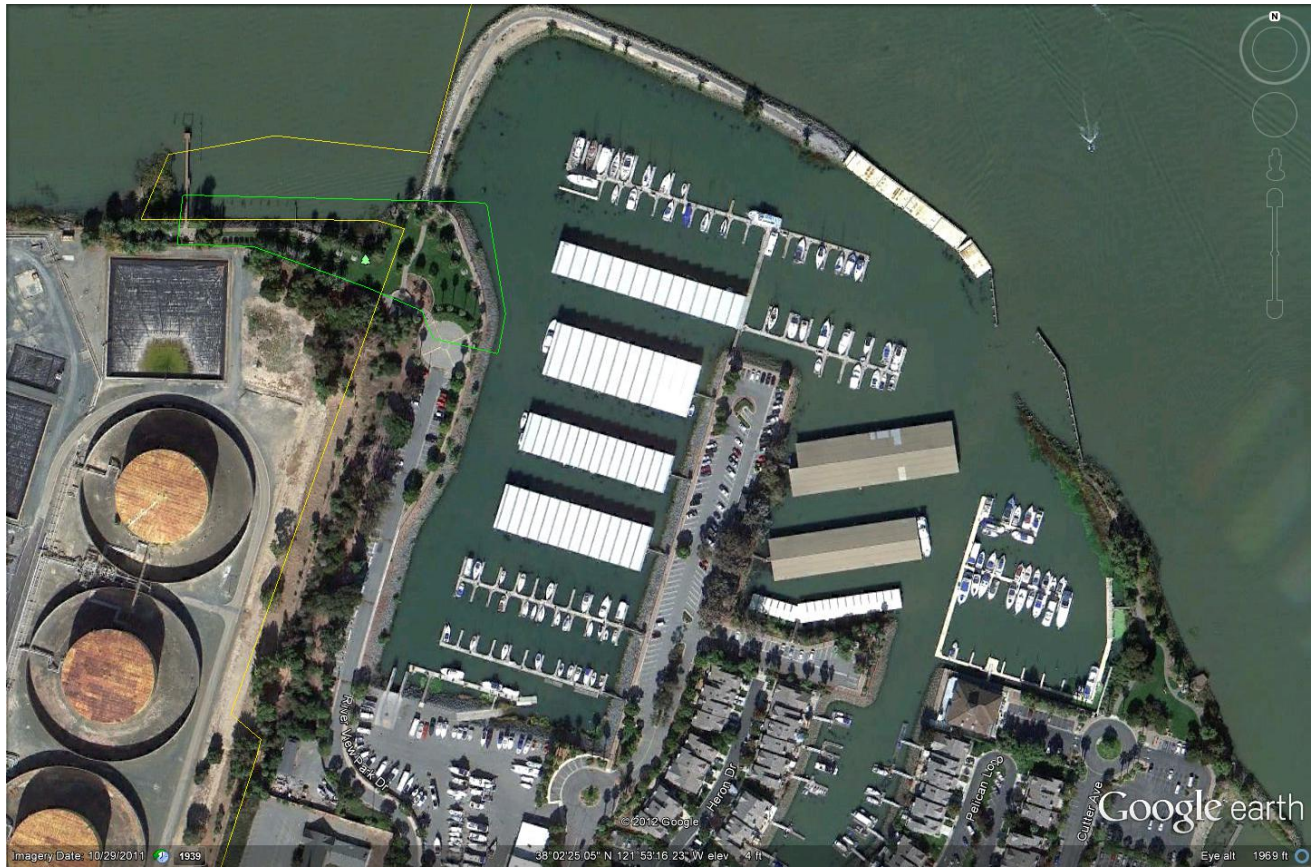
Funding Sources:

Eligible Funding Source:

Identified Funding Source:

Project Description:

This project will perform maintenance dredging of the New York Landing Channel. This will remove accumulated silt and help prevent boats from touching the bottom of the channel with the hull or propeller.



M-3: RIVERVIEW BASIN MAINTENANCE DREDGING

Project No.

Status:

Awaiting funding

Estimated Project Cost:
\$325,000

Project Limits:
Riverview Marina

Funding Sources:

Eligible Funding Source:

Identified Funding Source: \$20,000 Waterfront Operations

Project Description:

This project will perform maintenance dredging at the Riverview Marina. This will remove accumulated silt and help prevent boats from touching the bottom of the marina with the hull or propeller.



M-4: REPLACE COVERED BERTHS IN CENTRAL HARBOR (SHEDS 1, 2, & 3)

Project No.

Status:

Awaiting Funding

Estimated Project Cost:
\$425,000

Project Limits:
Central Harbor of the Marina

Funding Sources:
Eligible Funding Source:
Identified Funding Source:

Project Description:

Sheds 1, 2, & 3, are the oldest structures in the Marina. They are estimated to be well over 50 years old. In addition to their age, the shed heights create a problem for modern boats with taller fly bridges. The Marina has a waiting list for the newer covered berths, while these older sheds do not fill up. This project will replace deteriorating covered berths in the Central Harbor.



M-5: REMODEL RESTROOMS AND SHOWERS IN RIVERVIEW BASIN

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$225,000

Project Limits:

Riverview Marina

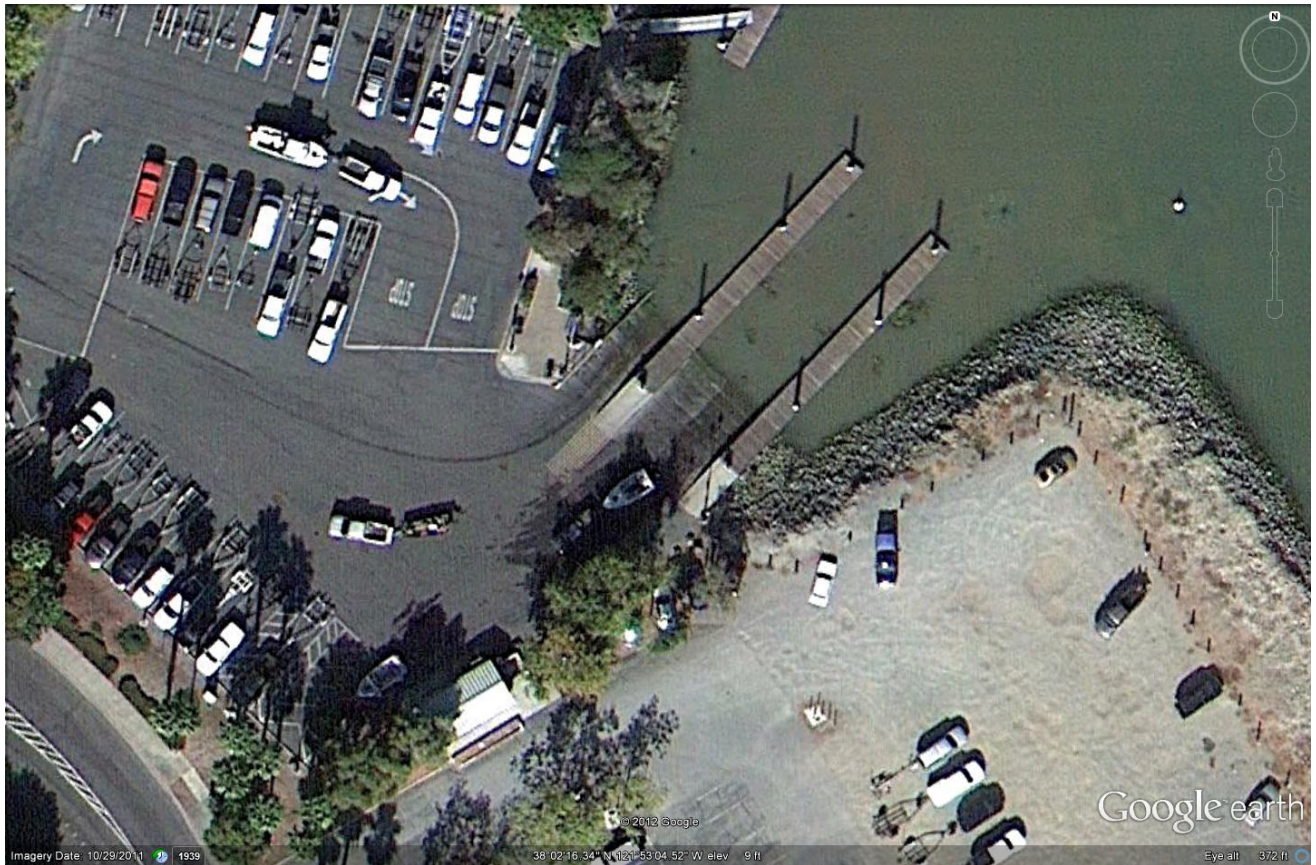
Funding Sources:

Eligible Funding Source:

Identified Funding Source:

Project Description:

As there has been an increase in the live-aboard population at the Marina, the use of facilities has expanded beyond the original design. The number of toilets, sinks, and showers need to be re-assessed. This project will remodel and rehabilitate the showers and restrooms at the Riverview Marina.



M-6: REPLACE RESTROOMS AT THE LAUNCH RAMP

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$225,000

Project Limits:

Public Launch Ramp

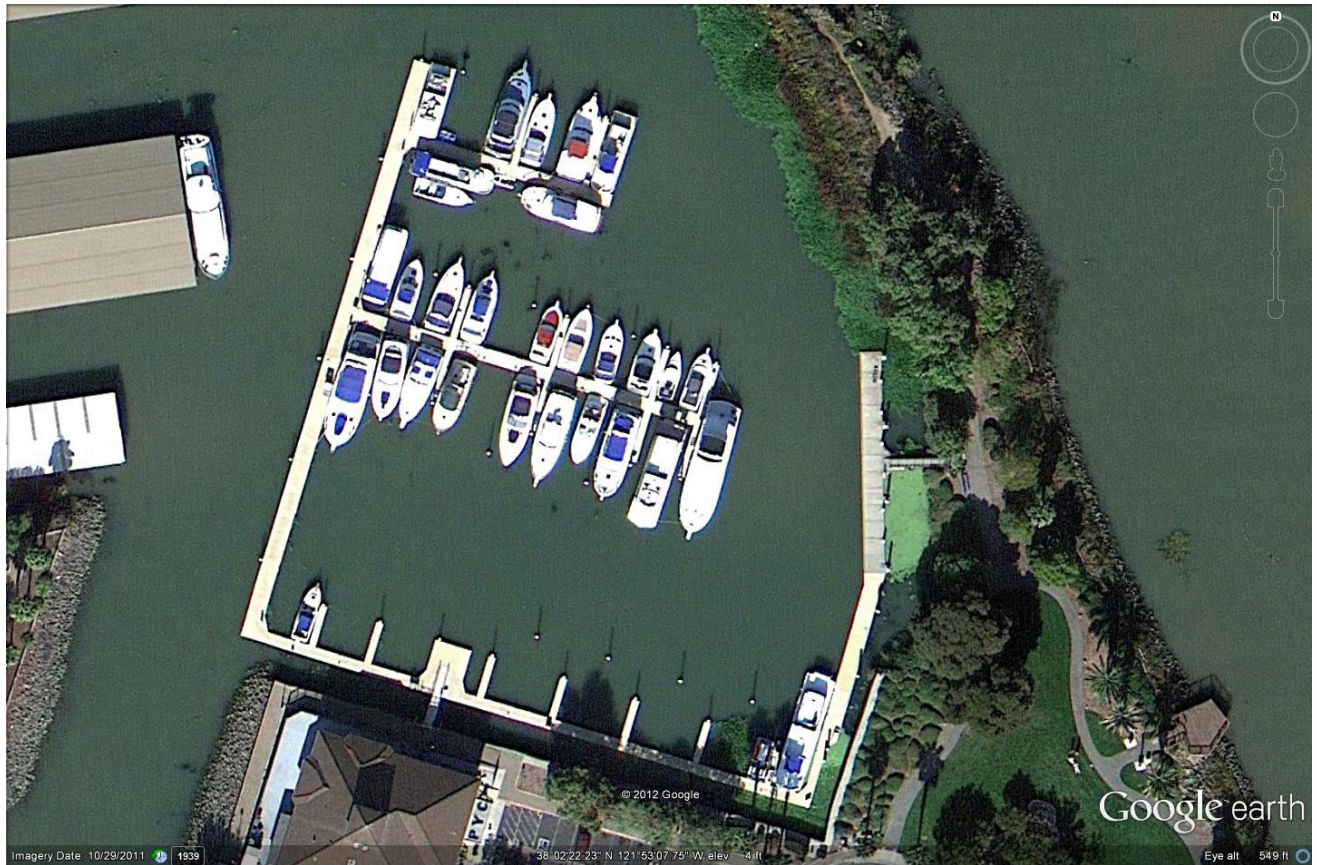
Funding Sources:

Eligible Funding Source:

Identified Funding Source:

Project Description:

The launch ramp public restrooms are in bad condition. This project will replace the restrooms at the public launch ramp off of Marina Boulevard with an approximately 200 square foot restroom facility.



M-7: RESTROOM/SHOWER FACILITY FOR CENTRAL HARBOR

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$250,000

Project Limits:

Central Harbor of the Marina

Funding Sources:

Eligible Funding Source: Marina Enterprise Fund

Identified Funding Source: TBD

Project Description:

This project will construct restroom and shower facilities for the Central Harbor. This work was originally included with the dock replacement project, but was removed due to funding shortfall.



M-8: MARINA SOUTH PARKING LOT IMPROVEMENTS

Project No.
TBD

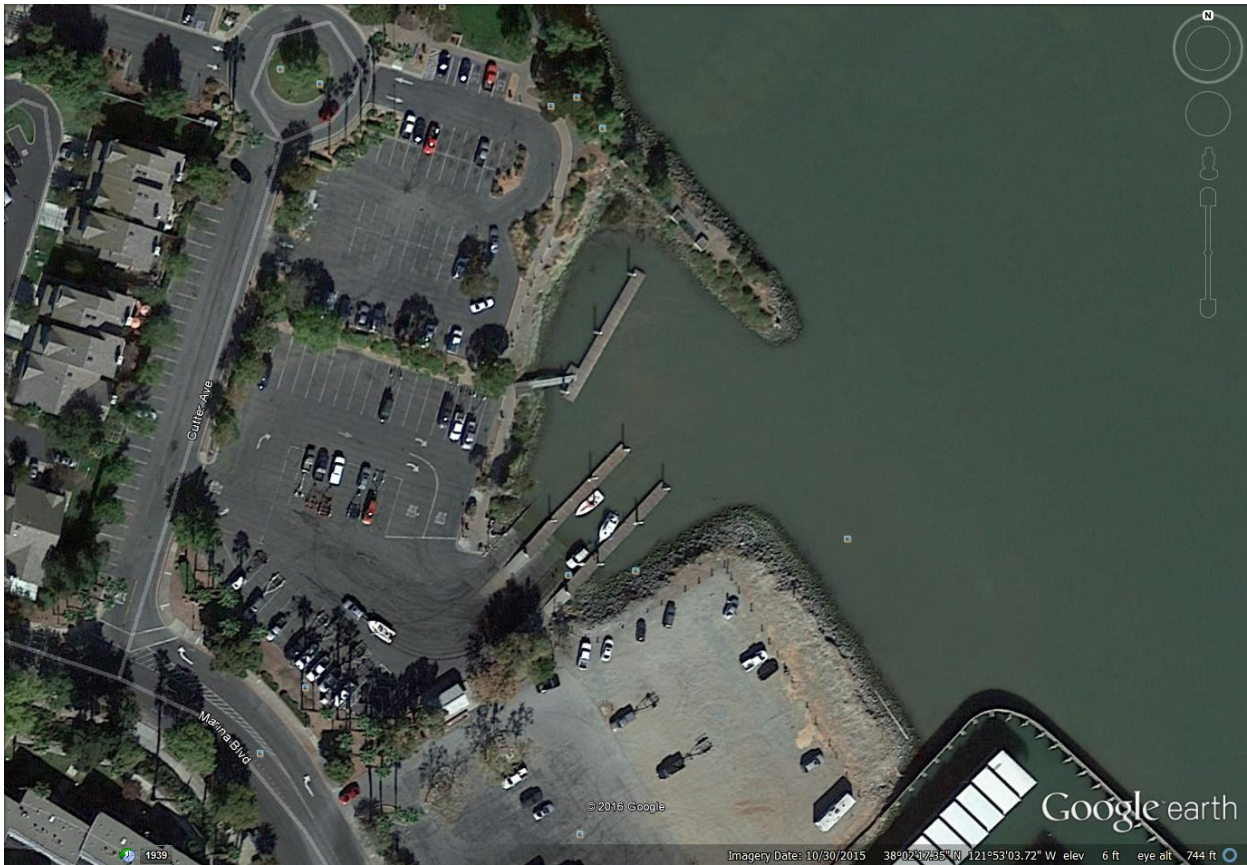
Status:
Concept Plan only

Estimated Project Cost:
\$50,000

Project Limits:
City Marina's Southern Parking Lot on Marina Boulevard

Funding Sources
Eligible Funding Sources: Gas Tax, Measure J, IRRF, IE, PP, Grants
Identified Funding: none

Project Description:
Repave or seal parking lot A.C. pavement and repair failed areas. Install signage, pavement markers and markings to accommodate vehicles with boat trailers. Project may include removal of trees and construction of concrete curbs.



M-9: LAUNCH RAMP MAINTENANCE DREDGING

Project No.

Status:
unfunded

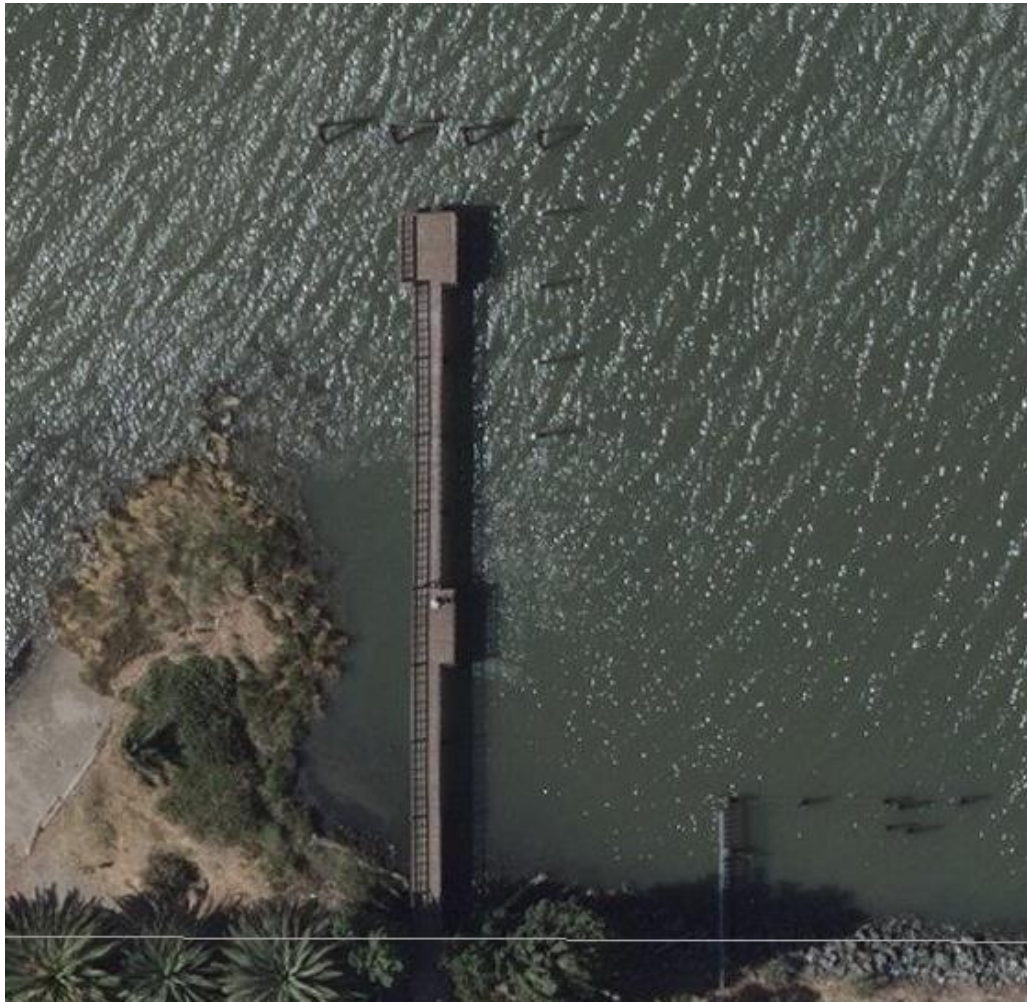
Estimated Project Cost:
\$65,000

Project Limits:
Launch Ramp area

Funding Sources:
Eligible Funding Source: ME
Identified Funding Source:

Project Description:

This project will perform maintenance dredging at the Pittsburg Launch Ramp. This will remove accumulated silt and help prevent boats from touching the bottom of the area with the hull or propeller.



M-10: RIVERVIEW PARK DOCK REPAIRS

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$75,000

Project Limits:

Riverview Park

Funding Sources:

Eligible Funding Source: Marina Enterprise Fund

Identified Funding Source: TBD

Project Description:

This project will increase ease of use for fishermen, enhance amenities like fishing pole holders, wind blockers, and benches, and address damages at the Riverview Park dock.

APPENDIX A

Planning Commission Resolution 10077

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**MINUTES
OF A REGULAR MEETING
OF THE
PITTSBURG PLANNING COMMISSION**

September 12, 2017

A regular meeting of the Pittsburg Planning Commission was called to order by Acting Chair Gargalikis at 7:00 p.m. on Tuesday, September 12, 2017, in the Council Chamber, City Hall, 65 Civic Avenue, Pittsburg, California.

ROLL CALL

Present: Chair Gargalikis, Commissioners Coniglio, Croskey, Guerrero, Robinson, Ward

Absent: Commissioners Foster and Guerrero

Staff: Community Development Director Jill Hecht, Planning Manager/Secretary Kristin Pollot, Senior Civil Engineer Richard Abono, Senior Planner Hector Rojas, Administrative Assistant Amanda McVey, Contract Planner Christine Gregory

PLEDGE OF ALLEGIANCE

Commissioner Jeremy Ward led the Pledge of Allegiance.

DELETIONS / WITHDRAWALS / CONTINUANCES

There were no deletions, withdrawals or continuances.

COMMENTS FROM THE AUDIENCE

There were no comments from the audience.

PRESENTATIONS

There were no presentations.

CONSENT

1. Minutes of August 8, 2017

On motion by Commissioner Coniglio seconded by Commissioner Croskey to approve the minutes and carried by the following vote:

AYES:	Coniglio, Croskey, Robinson, Ward, Gargalikis
NOES:	None
ABSTAIN:	None
ABSENT:	Foster, Guerrero

PUBLIC HEARINGS

2. Super Massage, AP-17-1252 (UP)

A public hearing on a request for approval of a use permit to establish a foot reflexology and massage therapy business within an existing 1,286 square foot commercial space located at 1321 Buchanan Road, within the Highlands Square Shopping Center. The property is within the CC (Community Commercial) District. Assessor's Parcel Number: 088-460-002.

Associate Planner Jordan Davis gave a presentation.

Chair Gargalikis opened the public hearing.

Jin Ming Ni spoke as the applicant.

Lieutenant Galer, spoke on behalf of the Pittsburg Police Department.

There being no one to speak further to the item, Chair Gargalikis closed the public hearing.

On motion by Commissioner Croskey seconded by Commissioner Coniglioto approve the use permit with the condition that business hours close at 8:30 p.m. and carried by the following vote:

AYES:	Coniglio, Croskey, Robinson, Ward, Gargalikis
NOES:	None
ABSTAIN:	None
ABSENT:	Foster, Guerrero

3. Durham Bus Storage and Maintenance Yard, AP-17-1250 (UP)

A public hearing on a request for a use permit to allow operation of a school bus storage and maintenance yard at 2121 Piedmont Way in the IP (Industrial Park) District. Assessor's Parcel No. 088-240-006.

Senior Planner Hector Rojas gave a presentation.

Chair Gargalikis opened the public hearing.

Tyler Zupo, Durham School Services, spoke as the applicant.

There being no one to speak further to the item, Chair Gargalikis closed the public hearing.

On motion by Commissioner Coniglio seconded by Commissioner Croskey to approve the use permit and carried by the following vote:

AYES: Coniglio, Croskey, Robinson, Ward, Gargalikis
NOES: None
ABSTAIN: None
ABSENT: Foster, Guerrero

4. Recommendation on a Zoning Text Amendment to the Avila Road Open Space Overlay District to Allow Warehousing and Storage Limited, AP-17-1253 (RZ)

A public hearing on a request by Dave and Kathy Rege for a recommendation for City Council approval of a Zoning Text Amendment to add “warehousing and storage limited” subject to a use permit and design review to the Open Space Overlays 07-1284 and 91-1016 located at 101 - 104 Avila Road.

Contract Planner Christine Gregory gave a presentation.

Chair Gargalikis opened the public hearing.

Bruce Ohlson, Pittsburg, inquired on the completion of paving on Avila Road.

There being no one to speak further to the item, Chair Gargalikis closed the public hearing.

On motion by Commissioner Ward seconded by Commissioner Coniglio to approve the use permit and carried by the following vote:

AYES: Croskey, Coniglio, Ward, Gargalikis
NOES: Robinson
ABSTAIN: None
ABSENT: Foster, Guerrero

ZONING ADMINISTRATOR REPORTS

5. Notice of Intent to Exercise Delegated Design Review Authority, and Submittal of Adopted Zoning Administrator Resolutions.

The Zoning Administrator submit one notice of intent to exercise delegated design review authority for the Ferguson Enterprises freestanding sign proposal at 2112 Loveridge Road. The Zoning Administrator also submits one resolution previously approved under the delegated authority (Planning Commission Resolution No. 9918).

The commissioners acknowledged receipt of the notice of intent.

STAFF COMMUNICATIONS

Planning Manager / Secretary Kristin Pollot reminded the Commissioners to RSVP to the joint City Council and Planning Commission General Plan 2020 Study Session scheduled for September 27, 2017 at 6:00 p.m.

COMMITTEE REPORTS

Commissioner Croskey reported Land Use Subcommittee has not met.

Commissioner Coniglio reported TRANSPLAN meets on Thursday, September 14, 2017

Commissioner Robinson reported the Pittsburg Recognition Committee is requesting approval of the City Council for the authorization and placement of a bust bronze bust in honor of Guillermo "Bill" Muniz in Guillermo Muniz Plaza.

ADJOURNMENT

The meeting was adjourned at 8:07 p.m. to September 26, 2017.

Kristin Pollot, AICP, Secretary

**CITY OF PITTSBURG
PLANNING COMMISSION
STAFF REPORT
October 10, 2017**

ITEM: No. 3 - Five-Year Capital Improvement Program (CIP) – General Plan Consistency Determination

ORIGINATED BY: City of Pittsburg Engineering Division, 65 Civic Avenue, Pittsburg, CA 94565

SUBJECT: This is a request for the Planning Commission to determine whether the projects in the proposed Five-Year CIP are consistent with the City's General Plan.

RECOMMENDATION:

Staff recommends the Planning Commission adopt the attached resolution affirming that the proposed Five-Year CIP for fiscal years 2017/18 through 2021/22 is consistent with the City's General Plan.

BACKGROUND:

The Engineering Division has prepared a draft of the City-wide CIP for fiscal years 2017/18 through 2021/22. The CIP categorizes capital improvement projects into ten categories: Streets, Traffic Signals, Water, Sewer, Storm Drainage, Buildings, Parks, General, Pittsburg Power and Marina Projects. The items included in the CIP range from minor to major projects affecting the City's infrastructure. New projects that have been added to the CIP for fiscal years 2017/18 through 2021/22 are highlighted in yellow on Attachment 2 of this report. The Commission will receive a presentation on the CIP from Ron Nevels, Senior Civil Engineer, under the 'Presentations' portion of the meeting.

PROJECT DESCRIPTION:

Staff reviewed each proposed CIP project and cross-referenced it with the goals and policies of the General Plan that each respective project would implement (see Attachment 3). In reviewing the document, staff found that most CIP projects are directly supported by a General Plan goal or policy. Where no goal or policy was found for a project, further research was done to determine whether the project was inconsistent with the General Plan. None of the proposed CIP projects are inconsistent with the General Plan.

GENERAL PLAN/CODE COMPLIANCE:

Government Code: California Government Code Sections 65103(c) and 65403(c) require that the City's CIP conform to the City's adopted General Plan and authorize Planning Commissions as the body responsible for making that determination. The

Planning Commission Staff Report
Five-Year Capital Improvement Program (CIP) General Plan Consistency Determination
October 10, 2017

Commission must make this determination of General Plan consistency before the City Council adopts the CIP.

The last CIP evaluated by the Commission was presented to the Commission in May 2016, and was determined by the Commission to be consistent with the General Plan. Staff believes the Commission can make the required finding that the current draft Five-Year CIP for fiscal years 2017/2018 through 2021/22 is consistent with the adopted General Plan.

Environmental: The determination of consistency between the CIP program and the General Plan is not considered a project under the California Environmental Quality Act (CEQA) and is, therefore, not subject to CEQA. Individual CIP projects would, however, be subject to further CEQA analysis before the City Council authorizes construction for individual projects.

ANALYSIS:

As stated above, staff believes the Commission can make the required finding that the current draft Five-Year CIP for fiscal years 2017/18 through 2021/22 is consistent with the adopted General Plan.

ACTION REQUIRED:

Move to adopt Planning Commission Resolution No. 10077, affirming that the Five-Year CIP for fiscal years 2017/18 through 2021/22 is consistent with the General Plan.

ATTACHMENTS:

1. Proposed Resolution No. 10077
2. CIP Project Consistency Tables
3. Applicable General Plan Goals and Policies (for reference)
4. Draft Five-Year CIP for FY 2017/18-2021/22 (new CIP projects only)
5. Draft Five-Year CIP for FY 2017/18-2021/22 (available via separate binder)

Prepared by: Hector J. Rojas, Senior Planner

PROPOSED
BEFORE THE PLANNING COMMISSION OF THE CITY OF PITTSBURG

In the Matter of:

Resolution Affirming Conformance of the	)	
Five-Year Capital Improvement Program	)	Resolution No. 10077
with the City of Pittsburgh General Plan	)	

The Planning Commission DOES RESOLVE as follows:

Section 1. Background

- A. The City of Pittsburgh’s Engineering Division has released a draft city-wide Five-Year Capital Improvement Program (CIP) for fiscal years 2017/18 through 2021/22, to be considered for adoption by the City Council.

- B. Pursuant to California Government Code sections 65103(c) and 65403(c), the proposed CIP must be consistent with the city’s adopted General Plan, and the Planning Commission is the body designated to make that determination.

- C. The determination of consistency between the CIP and the General Plan is not considered a project under the California Environmental Quality Act (CEQA); therefore, it is not subject to CEQA review. However, individual CIP projects would be subject to CEQA review prior to City Council authorization for construction on respective projects.

- D. On October 10, 2017, the Planning Commission held a meeting to review the proposed Five-Year CIP for fiscal years 2017/18 through 2021/22 and to consider whether the CIP is consistent with the General Plan, at which time oral and/or written testimony was considered.

Section 2. Findings

- A. Based on the Planning Commission Staff Report entitled, “Five-Year Capital Improvement Program – General Plan Consistency Determination,” dated October 10, 2017, and based on all the information contained in the Planning Division files on the CIP, incorporated herein by reference and available for review in the Planning Division located at 65 Civic Avenue in Pittsburgh, and based on all written and oral testimony presented at the October 10, 2017, meeting, the Planning Commission finds that:
 - 1. All recitals above are true and correct and are incorporated herein by reference.

2. All projects included in the proposed Five-Year CIP for fiscal years 2017/18 through 2021/22 are consistent with the city's adopted General Plan.

Section 3. Effective Date

This resolution shall take effect immediately upon its adoption.

On motion by Commissioner _____, seconded by Commissioner _____, the foregoing resolution was passed and adopted the 10th day of October, 2017, by the Planning Commission of the City of Pittsburg, California by the following vote:

AYES:

NAYES:

ABSTAIN:

ABSENT:

I hereby certify that the above Resolution No.10077 was adopted by the Planning Commission of the City of Pittsburg on October 10, 2017.

KRISTIN POLLOT, AICP, SECRETARY
PITTSBURG PLANNING COMMISSION

STREET PROJECTS Project Summary

Item No.	Project Name	Supporting General Plan Policies
ST-1	Range Road Overcrossing	4-P-48, 7-P-17
ST-2	Railroad Avenue Class I Trail	Fig. 7-4, Table 7-5, 7-P-38, 7-P-51
ST-3	2017/18 Traffic Calming Project	4-P-84, 7-P-22, 7-P-23
ST-4	James Donlon Boulevard Extension (2 lanes) (Preliminary Engineering/Studies/EIR) (1997-05)(3701)	7-P-8, 7-P-12, 7-P-46, 7-P-52, Fig. 7-1, 7-2, 7-3, 7-4
ST-5	Streetscapes/Median landscaping	4-G-8, 4-G-11, 4-P-56
ST-6	Bailey Road Interim Repairs	None - not inconsistent
ST-7	Frontage Road, Class I, Bicycle Lane (2013-05)	Fig. 7-4, Table 7-5, 7-P-38
ST-8	Power Avenue, Class I, Bicycle Lane	Fig. 7-4, Table 7-5, 7-P-38
ST-9	Intersection Geometric Improvements (San Marco Boulevard/ W. Leland Road) Geometric Improvements	7-P-8, 7-G-11, 7-P-43, 7-P-46
ST-10	El Pueblo Area Reconstruction/ADA Improvements Phase II	7-G-13, 7-P-36
ST-11	2018/19 Citywide Pavement management Project	None - not inconsistent
ST-12	San Marco Blvd Widening	7-P-11
ST-13	Railroad Avenue 3rd to 5th Sidewalk Replacement (3111)	5-G-5, 5-P-25
ST-14	Seismic Retrofit Bridge No. 28C-0165, Willow Pass Rd. (1998-04)(3382)	7-P-8, 7-P-19, 7-P-46, 10-G-1
ST-15	East Third Street Streetscape Improvements	5-G-5, 5-G-8, 5-P-25, 7-G-14, 7-P-38, 7-P-43
ST-16	Multimodal Transfer Facility BART Station (2013-19)(2010)	2-G-20, 2-P-55
ST-17	Street Light Installations	11-G-9
ST-18	2018/19 Traffic Calming Project	4-P-84, 7-P-22, 7-P-23
ST-19	Downtown Slurry Seal	None - not inconsistent
ST-20	San Marco Boulevard Class I Trail	Fig 7-4, 7-G-11, 7-P-38, 7-P-43, 7-P-44

STREET PROJECTS Project Summary

Item No.	Project Name	Supporting General Plan Policies
ST-21	Railroad Ave./Leland Rd. Geometric Improvements	7-P-8, 7-G-11, 7-P-43, 7-P-46
ST-22	Bailey Rd. Route 4 Ramp Turn Lane Modifications	7-G-16, 7-P-8, 7-P-46
ST-23	Left Turn Lane Bailey Rd/Willow Ave	7-G-16, 7-P-8, 7-P-46
ST-25	Rebuild Range Road/Willow Pass Road Interchange	4-P-48, 7-G-11, 7-G-16, 7-P-6, 7-P-17, 7-P-46
ST-26	2019/20 Traffic Calming Project	4-P-84, 7-P-22, 7-P-23
ST-27	Bailey Road Operational Safety Improvements	7-P-8, 7-P-13
ST-28	West Leland Street Lighting Project (Railroad Avenue to Burton Avenue)	None - not inconsistent
ST-29	Westbound Hwy 4 Offramp at Railroad Avenue	7-P-8
ST-30	E. Leland Rd./Los Medanos College (eastern entrance)	2-P-49, 7-P-8
ST-31	Century Boulevard Class III Bicycle Facility	7-G-11, 7-P-8, 7-P-43, 7-P-46, 7-P-53
ST-32	Century Boulevard Class II Bicycle Lanes	7-G-11, 7-P-8, 7-P-43, 7-P-46, 7-P-53
ST-33	West 4th Street Sidewalk Gap Closure	7-P-38, 7-P-39
ST-34	West Leland Road Safety Improvements	None - not inconsistent
ST-35	2020/21 Traffic Calming Project	4-P-84, 7-P-22, 7-P-23
ST-36	James Donlon Boulevard Extension (2 Lanes) (Design/Construction)	7-P-8, 7-P-12, 7-P-46, 7-P-52, Fig. 7-1, 7-2, 7-3, 7-4
ST-37	Buchanan Road Sidewalk Replacement Phase III (Suzanne Drive to Loveridge Road)	7-P-38, 7-P-39
ST-38	West Leland Road Pavement Markers/Markings and Speed Signage Improvements	7-P-8, 7-P-23
ST-39	State Route 4 ADA Pathway Improvements	7-G-13, 7-P-36
ST-40	Vehicular Parking Improvements for BART Center Station	None - not inconsistent
ST-41	Citywide Fence Replacement Project	None - not inconsistent

STREET PROJECTS Project Summary

Item No.	Project Name	Supporting General Plan Policies
ST-42	West Leland High Friction Surface Treatment Project	7-P-23
ST-43	West Leland Road Pavement Delineation, Warning Signage, High Visibility Crosswalk Improvements and Traffic Signal Modification at Range Road	7-P-23
ST-44	Citywide Sidewalk Replacement Project	7-P-38, 7-P-39
ST-45	2021/22 Traffic Calming Project	4-P-84, 7-P-22, 7-P-23
ST-46	BART Station Parking Strategy and Signage	2-G-20
ST-47	2020/21 Citywide Pavement management Project	None - not inconsistent
ST-48	2021/22 Citywide Pavement management Project	None - not inconsistent
ST-49	Marina Blvd. Improvements (Marina Master Plan Phase III)	5-G-5, 7-G-14, 7-G-15
ST-54	Avila Road Widening	7-P-6, Table 7-5
ST-55	W. Leland Road Extension Phase II (San Marco to Avila)(3011)	Fig 2-4k, 3-1, 7-1, 7-2, 7-3, 7-4, 2-P-84, 7-P-6, Table 7-5, 7-P-52
ST-56	San Marco Boulevard	Fig 2-4k, 3-1, 7-1, 7-2, 7-3, 7-4, 7-P-13, 7-P-18, Table 7-5, 7-P-52
ST-57	Pittsburg-Antioch Highway Widening	7-P-6, 7-G-11, 7-G-16, 7-P-46
ST-58	Pittsburg-Antioch Highway Two-Way Left Turn Lanes	7-P-6, 7-P-8, 7-G-11, 7-G-16, 7-P-46
ST-62	California Avenue Widening Phase III (Harbor to Railroad)	7-P-6, 7-P-8
ST-63	Marina Blvd. / Black Diamond St./ East Fifth St. Intersection Improvements	5-G-7, 5-P-42, 5-P-43,
ST-64	Linscheid Drive Traffic Calming Project	4-P-84, 7-P-22, 7-P-23
ST-67	School Area Pedestrian Countdown Signal Project	7-G-15, 7-P-36, 7-P-42

STREET PROJECTS Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
ST-69	Presidio Lane Pedestrian Safety Improvements	7-G-13, 7-G-15, 7-P-38, 7-P-42
ST-72	Willow Pass Road Class III Bicycle Facility	Fig 7-4, 7-G-13, 7-P-38, 7-P-43, 7-P-44
ST-95	Intersection Geometric Improvements (Bailey Road & West Leland Road)	7-G-5, 7-P-6, 7-P-43
ST-97	2017/18 Citywide Pavement Management Project	None - not inconsistent
ST-98	2019/20 Citywide Pavement Management Project	None - not inconsistent

SIGNAL PROJECTS Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
S-1	W. Leland Rd/ Oak Hills Dr. (3104)	7-P-6, 7-P-23, 7-P-42
S-2	Street Name Sign LED Conversion	11-G-9
S-3	2017/18 Traffic Signal Modification Project	11-G-9
S-4	Harbor Street/ Stoneman Avenue	7-P-6, 7-P-23, 7-P-42
S-5	Signal Modification at West Leland Road/ Burton Avenue	7-P-8, 7-P-42
S-6	Traffic Signal Modification Kirker Pass Rd/Pheasant Dr	7-P-8
S-7	2018/19 Traffic Signal Modification Project	7-P-8
S-8	2019/20 Traffic Signal Modification Project	7-P-8
S-9	Leland Rd. Signal Interconnect	7-P-6
S-10	Buchanan Rd. Signal Interconnect	7-P-6
S-11	Citywide Signal Coordination	7-P-6, 7-P-8
S-12	Opticom and Transit Priority Control	7-P-6, 7-P-8, 7-P-31
S-13	Installation of Emergency Vehicle Preemption at 6 Intersections	10-P-36, 10-P-38
S-14	Wireless Traffic Signal Communication	7-P-8
S-15	2020/21 Traffic Signal Modification Project	7-P-8
S-16	2021/22 Traffic Signal Modification Project	7-P-8
S-24	Bailey Road Signal Interconnects	7-P-6, 7-P-8
S-25	Loveridge Road Signal Interconnects	7-P-6, 7-P-8
S-26	Railroad Avenue/3rd Street	7-P-23
S-27	Harbor Street/Central Avenue	7-P-8, 7-P-42
S-29	Citywide Traffic Signal Upgrade Project	11-G-9
S-30	Railroad Avenue/School Street	7-P-6, 7-P-23, 7-P-42

WATER PROJECTS Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
W-1	2019/20 Water Main Installation/Replacement Program	11-P-2
W-2	Hillview Reservoir coating (exterior)	11-P-2
W-3	WTP Intake modifications (2012-16B)(5040)	11-P-2
W-4	2017/18 Water Main Installation/Replacement Program	11-P-2
W-5	Zone I/II Boundary Adjustments (Harbor, Leland, Railroad)	11-P-2
W-6	2017/18 WTP Capital Repairs and Improvements	11-G-1
W-7	24" / 20" / 16" / 12" Main Buchanan Rd Phase 2 (Seg 1 & 6)(WTP to SE Hills)	11-P-2
W-8	2020/21 Water Main Installation/ Replacement Program	11-P-2
W-10	Highlands Ranch Reservoir Recoating	11-P-2
W-11	Automatic Water Meter Reading System (5030)	11-P-2
W-14	2018/19 Water Main Installation/ Replacement Program	11-P-2
W-15	12" Main Stoneman Ave (Harbor to Loveridge)	11-P-2
W-16	WTP Sludge Handling Facility Phase 1B (2012-16B) (5040)	11-P-2
W-17	2016/17 WTP Sludge Removal	None - not inconsistent
W-18	2018/19 WTP Sludge Removal	None - not inconsistent
W-21	Convert Backyard Services in Central Addition to Street	11-P-2
W-24	Pittsburg-Antioch Highway Waterline Improvements (eastern loop)	11-P-2
W-28	Highlands Ranch Zone 2 (1.4 MG) Reservoir (T-9)	11-P-2
W-29	WTP Filter Backwash Management - 1.5 MGD Package Treatment Unit (Phase I)	None - not inconsistent
W-30	WTP Filter Backwash Management - 1.5 MGD Package Treatment Unit (Phase II)	None - not inconsistent
W-31	WTP 0.5 MG Filter Backwash Basin	None - not inconsistent
W-32	WTP Sludge Dewatering Lagoon	None - not inconsistent
W-33	WTP Mechanical Sludge Dewatering	None - not inconsistent
W-34	WTP Disinfection Modification and Conversion	None - not inconsistent
W-35	2017/18 WTP Filter Media Replacement (Filters 1 and 2)	None - not inconsistent
W-36	2018/19 WTP Filter Media Replacement (Filters 3 and 4)	None - not inconsistent
W-37	2019/20 WTP Filter Media Replacement (Filters 5 and 6)	None - not inconsistent
W-38	2020/21 WTP Filter Media Replacement (Filters 7 and 8)	None - not inconsistent
W-39	2021/22 WTP Filter Media Replacement (Filters 1 and 2)	None - not inconsistent
W-50	1.3 MG Zone I water tank (T-10)	11-P-2

WATER PROJECTS

Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
W-55	24" / 20" / 16" / 12" Main Buchanan Rd Phase 1 (Seg 2-6)(WTP to SE Hills)(2014-11)(5049)	11-P-2
W-61	20" Main W. Leland (WTP to SW Hills) Phase I (SEG 3W, 6W)(5071)	11-P-2
W-63	20" Main W. Leland (WTP to SW Hills) Phase 2 (SEG 1W, 2W)	11-P-2
W-101	WTP Capital Repairs/ Filter Rehabilitation (5050)	11-P-2
W-106	2016/17 Water Main Installation/ Replacement Program (5054)	11-P-2
W-107	Rossmoor Well Replacement (5045)	11-P-2

DEVELOPMENT SERVICES
DEPARTMENT
CIP Section

SEWER PROJECTS Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
SS-1	Citywide Sewer Inspection Project (5119)	11-P-13
SS-3	2019/20 Sewer Replacement/ Rehabilitation Program	11-P-12, 11-P-13
SS-4	Sewer Master Plan Update	11-G-9, 11-P-12
SS-20	P/A Highway Sewer Line Improvements	11-P-12
SS-23	Highway 4 Trunk Line Relief (Segment A) (2007-09)(5201)	11-P-12, 11-P-13
SS-24	Bart Specific Plan Sewer Main	11-P-33
SS-29	Highway 4 Trunk Line Relief (Segment B)	11-P-12, 11-P-13
SS-30	2014/15 Sewer/Water Replacement/ Rehabilitation Program (5204)	11-P-12, 11-P-13
SS-31	Oak Hills Center Sewer Main	11-P-12
SS-34	2016/17 Sewer Replacement/ Rehabilitation Program (5205)	11-P-12, 11-P-13
SS-36	2020/21 Sewer Replacement/ Rehabilitation Program	11-P-12, 11-P-13

STORM DRAINAGE PROJECTS

Project Summary

Item No.	Project Name	Supporting General Plan Policies
SD-1	Sugartree Channel	None - not inconsistent
SD-3	Full Trash Capture Device (California Avenue and Loveridge Road	9-P-12,9-G-5, 9-G-6, 9-P-27
SD-4	Full Trash Capture Devices (Citywide)	9-P-12,9-G-5, 9-G-6, 9-P-27
SD-5	W. 8th Street Storm Drain Pump Station	10-P-18
SD-6	Praxair Storm Water Diversion for Kirker Creek East of Loveridge Road	None - not inconsistent
SD-7	W. Leland Road Storm Drainage Improvements (Crestview Dr. to Burton Ave.)	None - not inconsistent
SD-8	Storm Drain Repairs on Buchanan Road/ West Leland Road	10-P-18
SD-9	Americana Park/North Parkside Storm Drainage Project (2009-01)(8336)	10-P-18
SD-10	Kirker Creek Improvement (Loveridge Rd to Dow Channel)	9-G-5,10-P-18
SD-11	Storm Drain Master Plan update	10-P-18
SD-12	Kirker Creek Watershed Hwy 4 to Garcia	9-G-5,10-P-18
SD-13	Kirker Creek Watershed Leland Rd to Contra Costa Canal	9-G-5, 9-G-6, 10-P-18
SD-14	Kirker Creek Watershed Contra Costa Canal to Buchanan Road	9-G-5, 9-G-6, 10-P-18
SD-15	Kirker Creek Watershed Buchanan Road to Kingswood	10-P-18
SD-16	Kirker Creek Watershed Ventura Area	9-G-5, 10-P-18
SD-17	Kirker Creek Watershed Stoneman Ave/Contra Costa Canal	9-G-5, 9-G-6, 10-P-18
SD-18	Kirker Creek Watershed LMC Area	9-G-5, 9-G-6, 10-P-18
SD-19	Lawlor Creek Watershed Hwy 4 to Leland	9-G-5, 10-P-18
SD-20	Lawlor Creek Watershed Contra Costa Canal to Santa Maria Drive	9-G-5, 9-G-6
SD-21	Lawlor Creek Watershed Leland Road to Oak Hills Circle	9-G-5
SD-22	Watershed 4 Willow Pass Road and Contra Costa Canal	9-G-6, 10-P-18
SD-23	Watershed 4 Leland Road to Sugartree Drive	9-G-6, 10-P-18
SD-24	Watershed 4 Rock Ridge Way to End of Jacqueline Drive	10-P-18
SD-25	Watershed 5 Hwy 4 to Paige Court	10-P-18

STORM DRAINAGE PROJECTS

Project Summary

Item No.	Project Name	Supporting General Plan Policies
SD-26	Watershed 6 City Park Storm Drain	10-P-18
SD-27	Watershed 6 Hwy 4 to Andrea Way	10-P-18
SD-28	Watershed 6 Parkside Drive Storm Drain	10-P-18
SD-29	Watershed 6 Dover Way Storm Drain	10-P-18
SD-30	Watershed 6 Leland Road/Arlington Drive to Kingston Place/Crestview Drive	10-P-18
SD-31	Watershed 6 Contra Costa Canal/Crestview Drive to Ramona Drive/Linscheid Drive	9-G-6, 10-P-18
SD-32	Watershed 6 Harbor Street/River Outfall to Harbor Street/School Street	10-P-18
SD-33	Watershed 6 Stone Harbour Drive/Morro Drive to Brighton Drive	10-P-18
SD-34	Watershed 6 Cumberland Drive/3rd Street to Railroad Avenue/7th Street	10-P-18
SD-35	Watershed 6 Marina Boulevard and Bayside Drive	10-P-18
SD-36	Watershed 6 8th Street/Railroad Avenue to 8th Street Outfall/Montezuma Slough	10-P-18

DEVELOPMENT SERVICES
DEPARTMENT
CIP Section

BUILDING PROJECTS

Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
B-2	Corporation Yard Fueling System Upgrade	None - not inconsistent
B-3	Demolish Back of Cigar Store	5-P-27
B-4	Roof-top Solar for Pittsburg Library	None - not inconsistent
B-12	Purchase Corp Yard Annex 359 E 12th St	None - not inconsistent
B-31	Cover Fuel Dispensers at Corp Yard	9-G-7, 9-P-22, 9-P-27
B-52	Civic Center Parking Structure	2-G-19
B-53	Downtown Surface Parking Lot	5-G-8, 5-P-43
B-54	Downtown Parking Structure	5-G-8, 5-P-43

PARK PROJECTS Project Summary

Item No.	Project Name	Supporting General Plan Policies
PK-1	Central Harbor Park Restrooms	8-G-1
PK-2	Old Growth Tree Care	None - not inconsistent
PK-3	Buckley Square Improvements (Bocce/Restroom)	8-P-2, 8-P-7
PK-4	Annual Playground Replacement Project	8-G-1
PK-5	CASP Accessibility Improvements in Parks	8-G-1, 8-P-4
PK-6	City Park Soccer Field Turf Replacement	8-G-1
PK-7	De Anza Park Walkway Rehabilitation and Basketball Court	8-G-1, 8-P-4
PK-8	Biennial Playfield Replacement	8-G-1
PK-9	Annual Park Features Replacement Project	8-G-1
PK-10	Biennial Restroom Replacement/Rehabilitation	8-G-1
PK-11	Sullenberger Swim Center Improvements/Solar Heating	8-G-1, 8-P-7, 8-G-8, 9-G-9,
PK-12	All Abilities Playground	8-G-1, 8-P-3, 8-P-7, 8-P-28
PK-13	Park and Landscaping Improvement Project	None - not inconsistent
PK-14	Skate Park @ Stoneman North	8-G-1, 8-P-7, 8-G-8, 8-P-28
PK-15	Ray Giacomelli Park @ San Marco/W. Leland Phase I (3065)	8-P-2, 8-P-3, 8-P-12
PK-16	Ray Giacomelli Park @ San Marco/W. Leland Phase II (3065)	8-P-2, 8-P-3, 8-P-12
PK-26	Buchanan Park Pavement Rehabilitation	8-G-1
PK-40	Dredge Buchanan Park Pond	None - not inconsistent
PK-41	Buchanan Park School Age Playground	8-G-2, 8-P-2, 8-P-7, 8-P-28
PK-43	City Park School Age Playground	8-G-2, 8-P-2, 8-P-7, 8-P-28
PK-51	Small World Park New Features (3054)	8-P-2, 8-P-4, 8-P-7, 8-P-28
PK-53	Ambrose Park Master Plan & Improvements (2013-25)(3057)	8-P-2, 8-P-7

DEVELOPMENT SERVICES
DEPARTMENT
CIP Section

GENERAL PROJECTS

Project Summary

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
G-1	City Standard Specification Update	None - not inconsistent
G-2	City Standard Details Update	None - not inconsistent
G-7	PG&E Street Light Facilities Acquisition	None - not inconsistent
G-9	ADA Transition Plan Update	7-G-13, 7-P-36
G-12	City Limit Entrance Features	4-G-8, 4-P-38
G-18	West Leland Road Underground Utilities (Railroad Avenue to Burton Avenue)	4-G-11, 11-P-33
G-25	East 8th Street Underground Utilities (Railroad Avenue to Harbor Street)	5-G-5

**PITTSBURG POWER
PROJECTS
Project Summary**

5 year CIP 2017/18 - 2021/2022

Item No.	Project Name	Supporting General Plan Policies
PP-1	2017/2018 Cable Replacement	None - not inconsistent
PP-5	RA Switch Removal and Replacement (Phase I)(5804)	None - not inconsistent
PP-8	Substation DD4 Switchgear Upgrade	None - not inconsistent
PP-23	2015/16 Cable Replacement	None - not inconsistent
PP-24	Substation P Switchgear Upgrade	None - not inconsistent
PP-25	Gas Line Removal and Replacement	None - not inconsistent
PP-27	2016/17 Cable Replacement	None - not inconsistent

MARINA PROJECTS

Project Summary

Item No.	Project Name	Supporting General Plan Policies
M-1	Lowy Basin Maintenance Dredging	6-P-17, 8-G-5, 8-P-26
M-2	New York Landing Channel Maintenance	6-P-17, 8-G-5, 8-P-26
M-3	Riverview Basin Maintenance Dredging	6-P-17, 8-G-5, 8-P-26
M-4	Replace Covered Berths in Central Harbor (sheds 1,2, & 3)	6-P-17, 8-G-5, 8-P-26
M-5	Re-model Restrooms and Showers in Riverview Basin	6-P-17, 8-G-5, 8-P-26
M-6	Demolish and Replace Restrooms at the Launch Ramp	6-P-17, 8-G-5, 8-P-26
M-7	Restroom/Shower Facility for Central Harbor	6-P-17, 8-G-5, 8-P-26
M-8	Marina South Parking Lot Improvements	6-P-17, 8-G-5, 8-P-26
M-9	Launch Ramp Maintenance Dredging	6-P-17, 8-G-5, 8-P-26
M-10	Riverview Park Dock Repairs	8-G-5, 8-P-26

Applicable General Plan Goals & Policies Implemented by the 5 Year CIP

Land Use	
2-G-19	Encourage further economic development along the Railroad Avenue corridor.
2-G-20	Support the extension of BART to Railroad Avenue, and develop a mixed-use, pedestrian-oriented village surrounding the proposed Station area.
2-P-55	Pursue the extension of the Railroad Avenue linear park along the north side of State Route 4, providing a pedestrian/bicycle connection from the City's major shopping corridor and to the Civic Center and City Park.
2-P-49	Ensure that as Loveridge builds out, adequate street connections are provided to efficiently move traffic through and beyond the area's regional and business centers (as designated by the City's traffic Level of Service standards, see Chapter 7: Transportation).
2-P-84	Explore the feasibility of provision of pedestrian and bicycle linkages from the Delta De Anza

Urban Design	
4-G-8	Provide more attractive streetscaping along the Willow Pass Road corridor.
4-G-11	Initiate streetscape improvements to create an attractive, usable, multi-modal transportation corridor along Leland Road.
4-P-38	Develop an entry feature at the intersection of Railroad Avenue/Kirker Pass Road and Nortonville Road to welcome residents and visitors to the City of Pittsburg.
4-P-48	Pursue the design and construction of an interchange/overpass at State Route 4 and Range Road. Work with the California Department of Transportation to design an interchange facility that will accommodate future traffic demands.
4-P-56	Construct a center median along West Leland Road, with trees and landscaping, from Railroad Avenue to the Pittsburg/Bay Point BART Station Area, as street right-of-way allows. Provide left turn pockets for access to residential neighborhoods.
4-P-59	Pursue the development of a linear parkway along West Leland Road, west of Bailey Road, linking the Pittsburg/Bay Point BART Station Area to new residential neighborhoods within the southern hills
4-P-84	Use traffic calming measures to reduce speeds in residential areas, rather than limiting through-street connections.

Downtown	
5-G-5	Improve streetscapes within the Downtown, including: clearing public views of the waterfront and the southern hills, providing pedestrian amenities, strengthening transitions btwn land uses, and increasing landscaping and planting more street trees.
5-G-7	Maintain the grid street pattern within the Downtown, and improve connections between downtown and surrounding areas
5-G-8	Provide sufficient parking opportunities to support a vibrant Downtown Commercial Core.
5-P-2	Ensure coordination between the Pittsburg Redevelopment Agency, Planning and Building, Engineering and Economic Development Departments in order to achieve the goals and policies envisioned for the Downtown.
5-P-5	Encourage mixed-use developments within the Commercial Core by providing incentives for residential units, such as live-workspaces or housing on upper stories

5-P-6	Encourage property-owners in the Commercial Core to utilize ground-level storefronts for retail and pedestrian-oriented commercial activities (for example, restaurants, boutiques, and personal services).
5-P-25	Continue streetscape beautification efforts within the Downtown, focusing on improving the visual connection between the Commercial Core and the waterfront.
5-P-27	Continue the preservation, rehabilitation, and reuse of historically significant structures within the Downtown (as designated in Figure 5-2).
5-P-42	Ensure that new Downtown residential projects preserve and continue the traditional grid street network. Consider extension of the grid street network east of Downtown as existing industrial uses are redeveloped.
5-P-43	Provide public parking lots within Downtown, and limit private, single-user parking areas. However, ensure the provision of off-street parking facilities in periphery Downtown areas to encourage pedestrian movement.
5-P-46	Investigate use of diagonal on-street parking spaces on Downtown commercial streets.

Economic Development	
6-P-17	Facilitate additional attractions and events that bring both residents and visitors to the city, the Downtown, and the waterfront.

Transportation	
7-G-5	Provide adequate capacity on arterial roadways to meet LOS [level of service] standards and to avoid traffic diversion to local roadways or the freeway.
7-G-11	Coordinate with neighboring communities and regional agencies to establish a continuous regional system of bicycle and pedestrian facilities.
7-G-13	Continue to support programs to improve the mobility of the elderly and handicapped, and ensure that new development is accessible to those with physical impairments, as required by State law.
7-G-14	Develop urban design and streetscape standards and guidelines to improve pedestrian environments and accessibility in new development projects and in Downtown.
7-G-15	Encourage walking as a regular means of transportation for people who live within a half-mile walk of school, work, or routine shopping destinations.
7-G-16	Ensure that current bicycle-friendly roadways, featuring wide shoulders or marked bicycle lanes, are not redesigned to improve traffic LOS, unless all other alternative roadways possible to alleviate congestion are exhausted.
7-P-6	Design roadway improvements and evaluate development proposals based on Level of Service standards set forth in Goal 7-G-1.
7-P-8	Improve intersections as needed to maintain safety on major roadways and traffic levels of service, as described in Goal 7-G-1.
7-P-11	Maximize the carrying capacity of arterial roadways by controlling the number of intersections and driveways, minimizing residential access, implementing Transportation Systems Management measures, and requiring sufficient on-site parking to meet the needs of each project (see also Table 7-1).
7-P-12	Continue to collect fees, plan and design for the future construction of Buchanan Bypass. Ensure preparation of a feasibility and environmental impact study to determine the precise alignment, costs, mitigation measures, and impacts on adjacent uses.
7-P-13	Upgrade or extend the hillside access routes from Bailey Road, Buchanan Road, Kirker Pass Road, and proposed San Marco Boulevard, as development potential warrants.

7-P-17	Pursue the design and construction of an interchange/overpass at State Route 4 and Range Road. Work with Caltrans to design an interchange facility that will accommodate future traffic demands.
7-P-18	Approve construction of the proposed San Marco Boulevard (Bailey Bypass). Ensure preparation of a feasibility and environmental impact study to determine the precise alignment, costs, mitigation measures, and impacts on adjacent uses. Evaluate topographic and geologic constraints, and projected traffic generation rates. Consider a road alignment within the Restricted Federal Easement area, if abandoned, for access to potential residential neighborhoods.
7-P-19	Rebuild the interchange/overpass between Willow Pass Road, Range Road, North Parkside Drive, and the BNSF Railroad tracks for safe and efficient movement of auto and bicycle traffic.
7-P-21	Design local residential streets and implement traffic-control measures to keep traffic below 5,000 vehicle trips per day.
7-P-22	Avoid adding traffic to roadways carrying volumes above the standards, and consider traffic control measures where perceived nuisance is severe.
7-P-23	Develop procedures and guidelines to mitigate neighborhood traffic impacts in areas where traffic speeds or volumes exceed posted speed limits or standards established above.
7-P-31	Work with Tri-Delta and County Connection to schedule signal timing for arterials with heavy bus traffic, where air quality benefits can be demonstrated.
7-P-36	Ensure continued compliance with Title 24 of the Uniform Building Code, requiring removal of all barriers to disabled persons on arterial and collector streets.
7-P-38	Develop a series of continuous pedestrian systems within Downtown and residential neighborhoods, connecting major activity centers and trails with City and County open space areas.
7-P-39	Ensure that residential and commercial developments provide pedestrian pathways between lots for direct routes to commercial centers, schools, and transit facilities.
7-P-42	Improve pedestrian crossing safety at heavily used intersections by installing crossing controls that provide adequate time for pedestrians to cross the street.
7-P-43	Provide adequate roadway width dedications for bicycle lanes, paths, and routes as designated in Figure 7-4.
7-P-44	Coordinate with Contra Costa County to develop a city-wide Bicycle Master Plan by year 2005. Cooperate with the Contra Costa County RTPC [regional transportation planning committee] in implementing construction of bicycle facilities within the Bicycle Action Plan.
7-P-46	Construction or expansion of roadways and intersections within the City shall not result in the severance of an existing bicycle route, unless an alternative exists or is provided.
7-P-51	Consider redesigning the Railroad Avenue linear park to accommodate bicycles. Ensure that future greenways throughout the City contain multi-use paths.
7-P-52	Require that new arterial and collector streets accommodate bicyclists.
7-P-53	Require that any grind and overlay of existing arterial or collector streets consider the needs of bicyclists.

Open Space, Youth & Recreation	
8-G-1	Develop a high-quality public park system for Pittsburg that provides varied recreational opportunities accessible to all City residents.
8-G-2	Provide parks that reflect the diversity of Pittsburg's natural setting, including creeks and waterways, tree stands, rock outcroppings, and topography.

8-G-3	Promote a local trail and linear park system to provide access to regional open space areas, as well as connections between neighborhoods.
8-G-5	Maximize public access to and recreational facilities along the city's waterfront areas.
8-G-8	Provide a diversity of recreational and cultural opportunities, including facilities and programs targeted toward local youth and senior residents.
8-G-9	Promote the arts as an integral component of Pittsburg's quality of life, economic vitality, and efforts to build a safe and healthy community.
8-P-2	Pursue the development of park and recreation facilities within reasonable walking distance of all homes.
8-P-3	Develop public parks and recreational facilities that are equitably distributed throughout the urbanized area, and provide neighborhood recreation facilities in existing neighborhoods where such facilities are presently lacking.
8-P-4	Consider park accessibility, use and character as more valuable than size in the acquisition and development of new parks.
8-P-7	Encourage the development or provision of facilities that cater to diverse recreation interests
8-P-8	Preserve areas of riparian and other wildlife habitat, oak woodland, and other significant biotic resources within parks. Design park improvements to be compatible with the preservation of such resource areas.
8-P-12	Ensure that all parks acquired through dedication are at least 2 acres in size within new residential developments (target 5 acres). Accept smaller visual open space areas in new commercial and industrial development for parkland dedications.
8-P-26	Explore all potential improvements to fully integrate the City's shoreline into the urban fabric, including: waterfront trail/bikeway. A linear park along the shoreline, featuring a path for both walking and biking, would encourage more vibrant activity along the waterfront.
8-P-28	Pursue the development of recreational facilities and programs specifically geared toward youth and teens, including: • Teen Center. A teen center would provide a safe environment for local youth to meet and interact, or to participate in after-school, athletic, or cultural activities. • Gymnasium. A large gymnasium would provide the City with more opportunity to get youth involved in local sports leagues and after-school drop-in games, such as basketball. • Skateboard Park. Construction of a skateboard park would provide challenging topography in a controlled environment for local skateboarders. The City is currently working the development of such a facility.
8-P-29	Enable private and non-profit programs to use City recreational facilities, as needed.
8-P-31	Improve public cultural facilities, including community centers, theatres, and libraries. Cooperate with Los Medanos Community College to provide City residents with access to local cultural facilities.
8-P-38	Support the preservation, maintenance, and development of community cultural facilities that provide gathering places for cultural exploration, expression, and inspiration.
8-P-45	Promote use of the educational and cultural resources available at the Pittsburg Library.

Resource Conservation	
9-G-5	Preserve and enhance Pittsburg's creeks for their value in providing visual amenity, drainage capacity, and habitat value.
9-G-6	Preserve and protect the Contra Costa Canal from storm drainage and runoff contaminating the City's municipal water supply.

9-G-7	Comply with Regional Water Quality Control Board regulations and standards to maintain and improve the quality of both surface water and groundwater resources.
9-G-9	Work toward improving air quality and meeting all Federal and State ambient air quality standards by reducing the generation of air pollutants from stationary and mobile sources.
9-P-12	Protect and restore threatened natural resources, such as estuaries, tidal zones, marine life, wetlands, and waterfowl habitat.
9-P-22	Continue working with the Regional Water Quality Control Board in the implementation of the National Pollutant Discharge Elimination System (NPDES), with specific requirements established in each NPDES permit.
9-P-27	Protect water quality by reducing non-point sources of pollution and the dumping of debris in and near creeks, storm drains, and Contra Costa Canal. Continue use and implementation of the City's storm drain marking program in newly developed or redeveloped areas.

Health & Safety	
10-G-1	Minimize risk to life and property from geologic and seismic hazards.
10-P-18	Evaluate storm drainage needs for each development project in the context of demand and capacity when the drainage area is fully developed. Ensure drainage improvements or other mitigation of the project's impacts on the storm drainage system appropriate to the project's share of the cumulative effect.
10-P-23	Ensure that all new development (residential, commercial, or industrial) contributes to the construction of drainage improvements in the Kirker Creek and other watersheds in the Planning Area, as required by the City's adopted ordinances.
10-P-36	Maintain, modernize, and designate new sites for emergency response facilities, including fire and police stations, as needed to accommodate population growth.
10-P-38	Ensure that critical facilities, including medical centers, police and fire stations, school facilities, and other structures that are important to protecting health and safety in the community, remain operative during emergencies.

Public Facilities	
11-G-1	Available water supply and distribution capacity should grow proportionally with development patterns and water usage trends. Update City's Water Master Plan to implement General Plan growth projections.
11-G-9	Assess the adequacy of public utilities in existing developed areas, and program needed improvements to coordinate with developing portions of the Planning Area.
11-P-2	Implement, as needed, replacements and/or expansions to the existing system of water mains through the City's Capital Improvement Program.
11-P-12	Pursue replacement and/or expansion of the City's trunk sewer system, as demand increases, particularly in newer portions of the system south of State Route 4.
11-P-13	Address deficiencies in the capacity, safety and reliability of the collection system as identified in the 1990 and subsequent Collection System Master Plans.
11-P-33	As a condition of approval, ensure that all new and redevelopment projects underground utility lines and adjacent to the site.



ST- 3: 2017/18 TRAFFIC CALMING PROJECTS

Project No.		Status:
TBD		Funded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$100,000 Gas Tax

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST- 18: 2018/19 TRAFFIC CALMING PROJECTS

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$100,000 Gas Tax

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST- 26: 2019/20 TRAFFIC CALMING PROJECTS

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$100,000 Gas Tax

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST- 35: 2020/21 TRAFFIC CALMING PROJECTS

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$100,000 Gas Tax

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.



ST- 45: 2021/22 TRAFFIC CALMING PROJECTS

Project No.		Status:
TBD		unfunded
Estimated Project Cost:		Project Limits:
\$100,000		Citywide
Operation and Maintenance		Funding Sources
		Eligible Funding Source: Gas tax, Measure J, SR2S
		Identified Funding: \$100,000 Gas Tax

Project Description:

This project will construct speed humps and other traffic calming improvements at locations throughout the City to be determined through an application process or by City Staff. This will be managed through the Traffic Section of the Engineering Division.

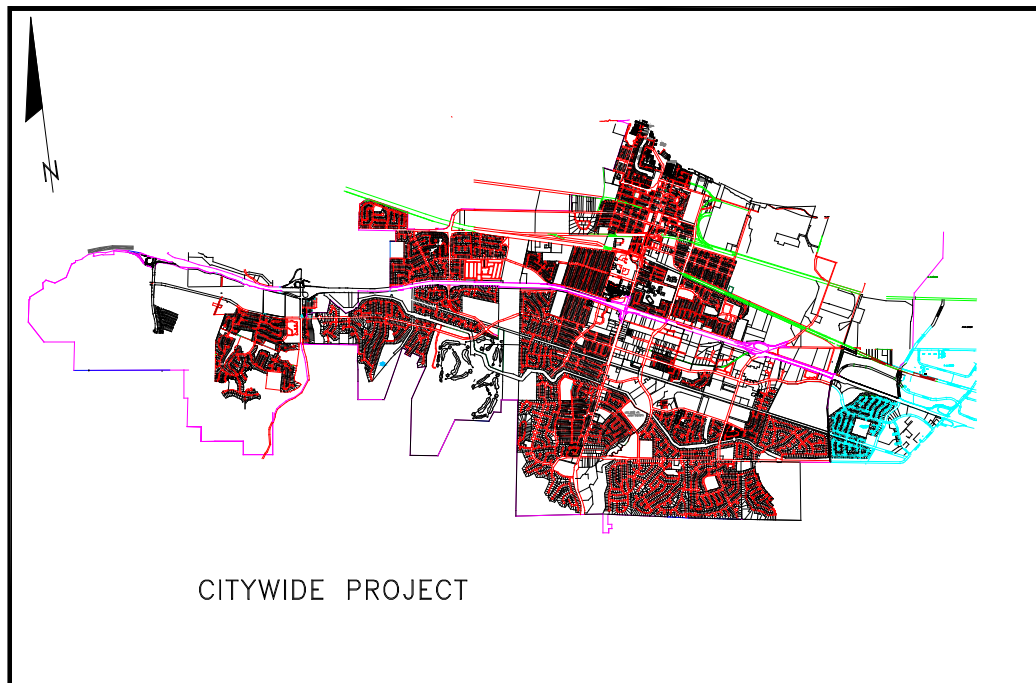


ST- 46: BART STATION PARKING STRATEGY AND SIGNAGE

Project No.		Status:
TBD		Requesting funding
Estimated Project Cost:		Project Limits:
\$100,000		BART station area and potentially other areas of the City
Operation and Maintenance		Funding Sources
TBD		Eligible Funding Source: Measure J, Gas Tax Identified Funding: \$100,000 Gas Tax

Project Description:

This project will provide for informational and directional signage for the new BART station at Railroad Avenue and signage for designated parking areas.



ST-47: 2020/21 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

Status:
Awaiting Funding

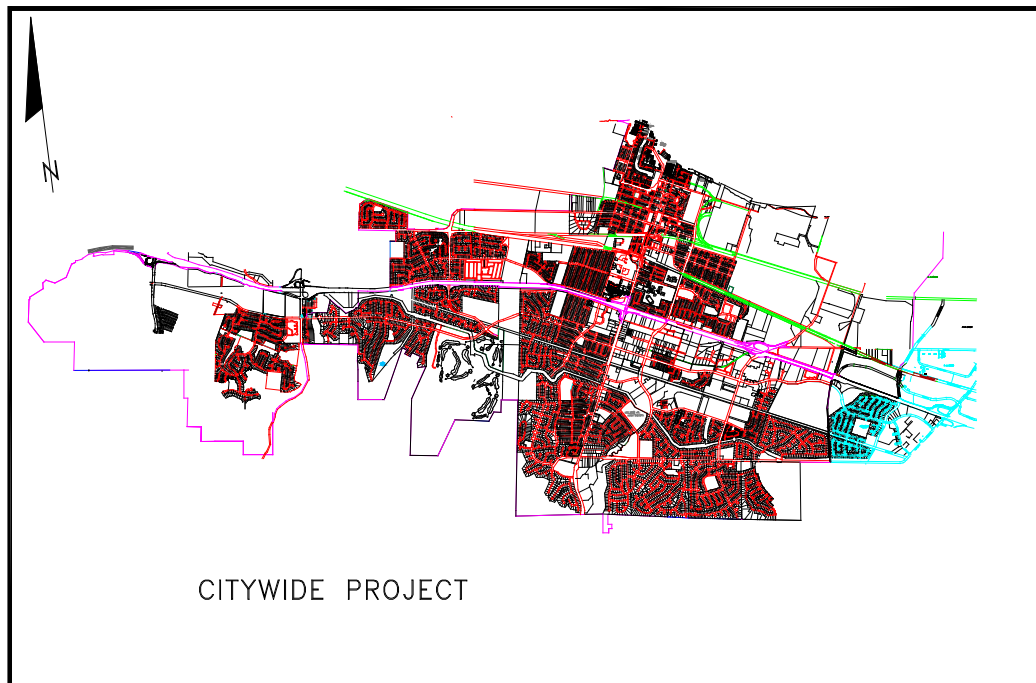
Estimated Project Cost:
\$1,500,000

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: Gas Tax
\$1,500,000

Project Description:

This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.



ST-48: 2021/22 CITYWIDE PAVEMENT MANAGEMENT PROJECT

Project No.
TBD

Status:
Awaiting Funding

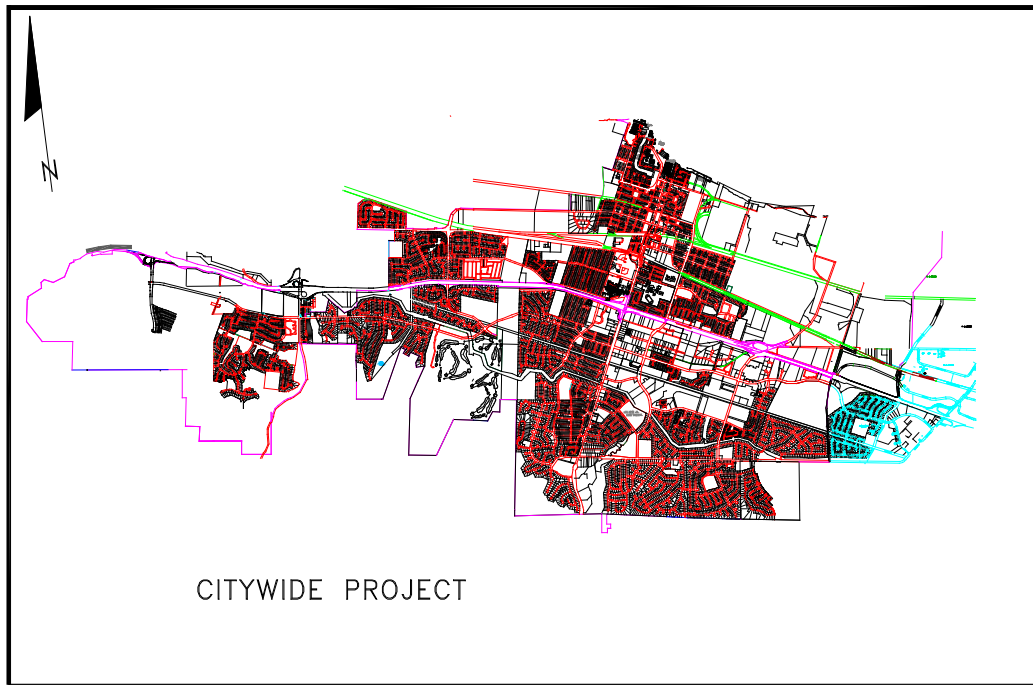
Estimated Project Cost:
\$1,300,000

Project Limits:
TBD

Funding Sources:
Eligible Funding Source: Gas Tax
Identified Funding Source: Gas Tax
\$1,300,000

Project Description:

This project will be determined based on use of the Pavement Management System (PMS) and Staff input. The project will use a variety of pavement management techniques including, slurry seal, patch paving, pavement overlay, pavement inlay, pavement reconstruction, and crack sealing.



S-7: 2018/19 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

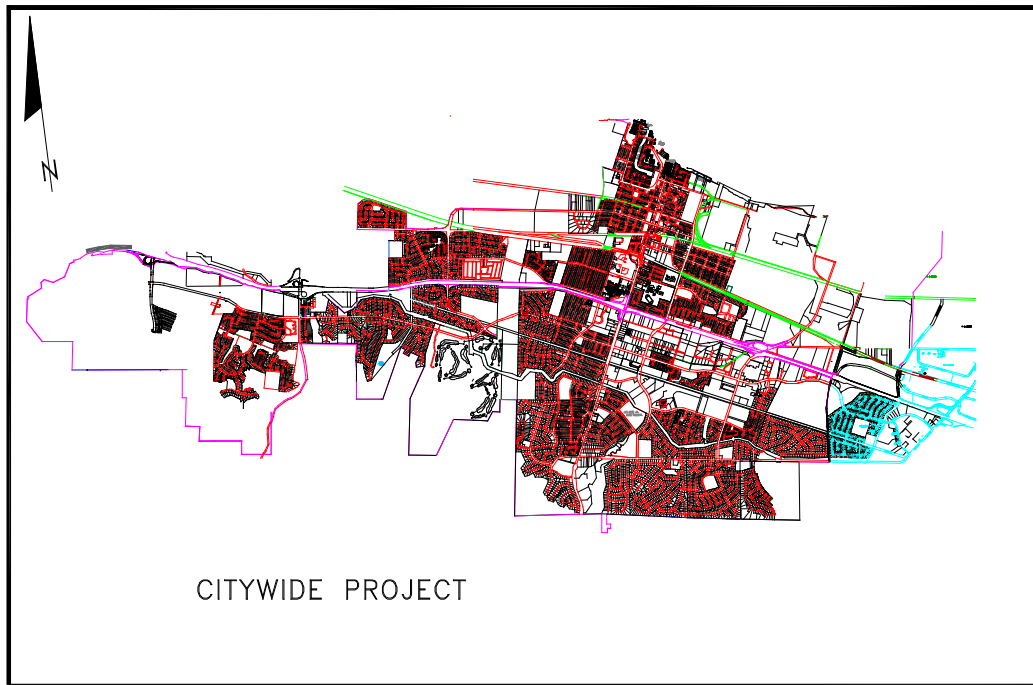
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-8: 2019/20 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

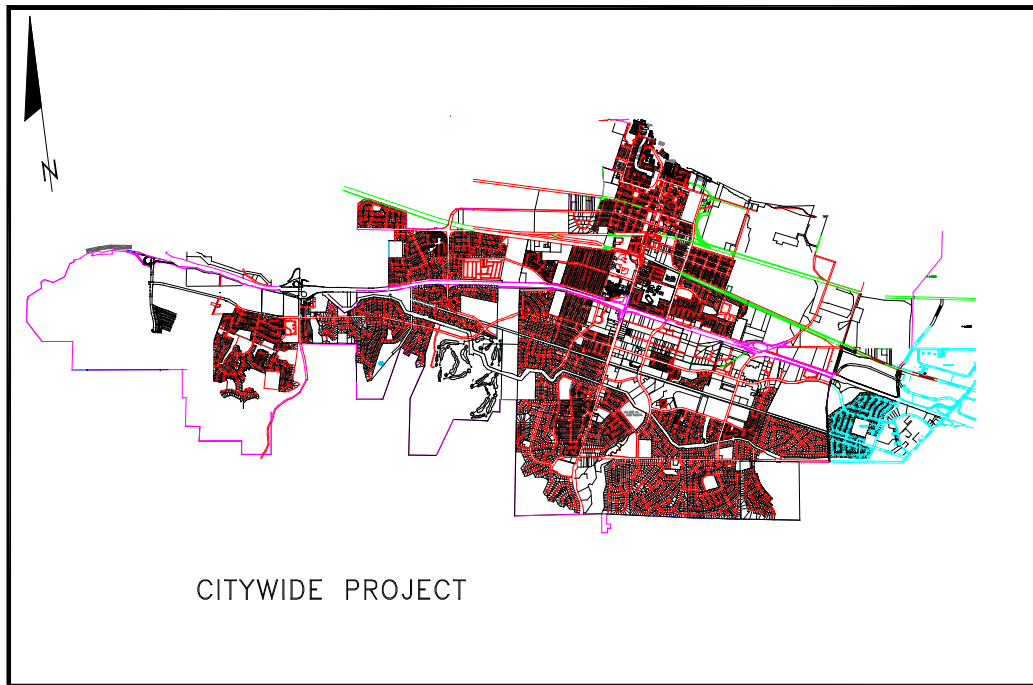
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-15: 2020/21 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

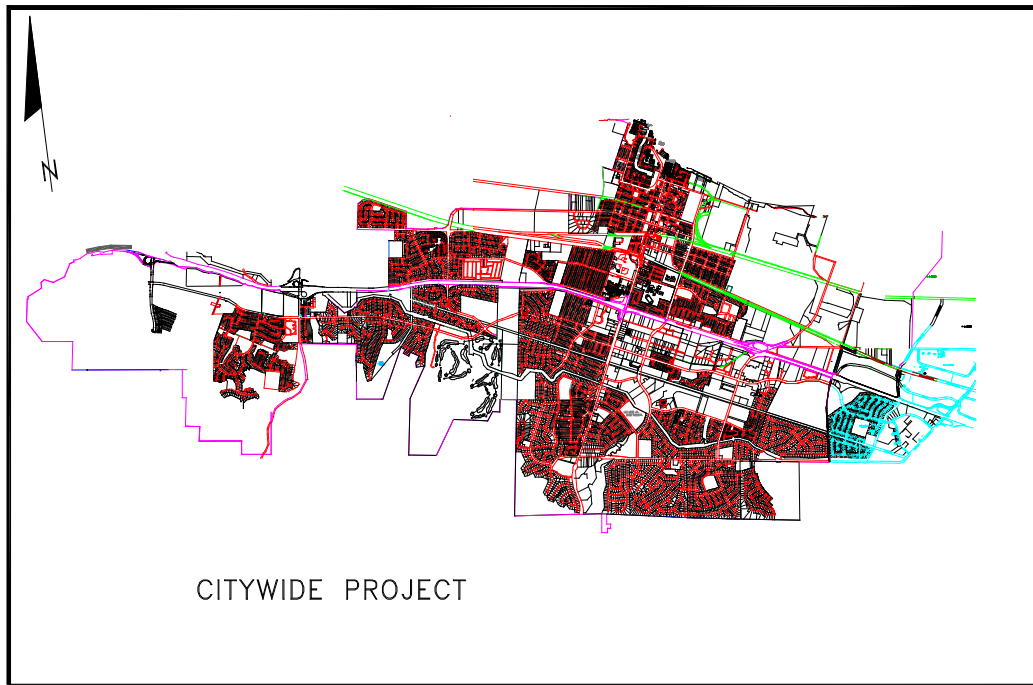
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



S-16: 2021/22 TRAFFIC SIGNAL MODIFICATION

Project No.
TBD

Status:
Awaiting Funding

Estimated Project Cost:
\$135,000

Project Limits: Citywide

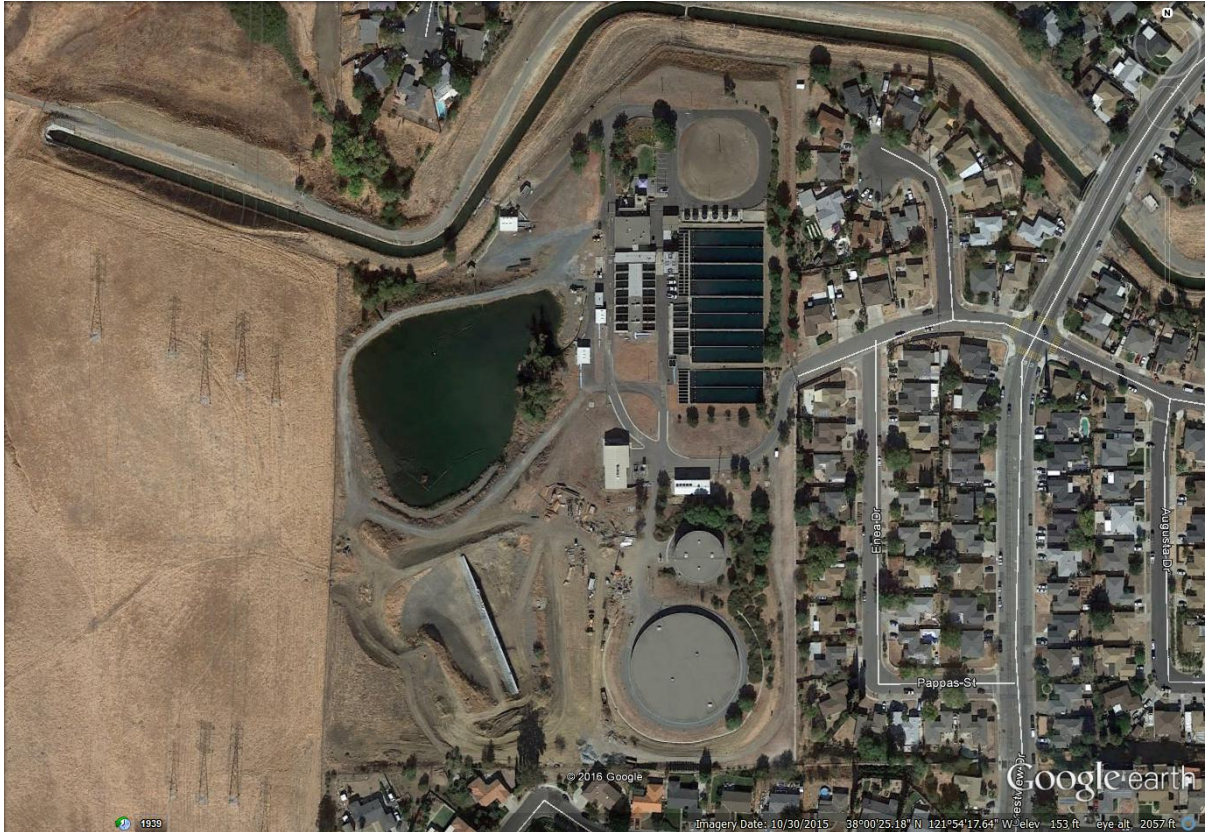
Funding Sources

Eligible Funding: Gas Tax

Identified Funding: Gas Tax \$135,000

Project Description:

This project is to perform on-going traffic signal timing and modifications to existing signals throughout the City. This will provide for improved traffic flow and allow for modernization of outdated signal controller equipment.



W-6: 2017/18 WTP CAPITAL REPAIRS AND IMPROVEMENTS

Project No.
TBD

Status:
Requesting funding

Estimated Project Cost:
\$75,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WOF
Identified Funding: \$75,000 WOF

Project Description:

This project will provide upgrades to facilities at the Water Treatment Plant as needed by WTP staff.



W-29: WATER TREATMENT PLANT FILTER BACKWASH MANAGEMENT – 1.5 MGD PACKAGE TREATMENT UNIT (PHASE I)

Project No.

Status:

Funding Required

Estimated Project Cost:

\$1,500,000

Project Limits:

Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF

Identified Funding:

Project Description:

This project will construct a 1.5 million gallons per day (MGD) packaged treatment system for treating water filter backwash for recycling. A second treatment unit will be required in the future as the WTP gets closer to design capacity of 32 MGD.



W-30: WATER TREATMENT PLANT FILTER BACKWASH MANAGEMENT – 1.5 MGD PACKAGE TREATMENT UNIT (PHASE 2)

Project No.

Status:

Funding Required

Estimated Project Cost:
\$750,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a second 1.5 million gallons per day (MGD) packaged treatment system for treating water filter backwash for recycling. This second package system will allow the WTP to treat the maximum allowed recycled backwash water of 10% of the design capacity of 32 MGD.



W-31: WATER TREATMENT PLANT 0.5 MG FILTER BACKWASH BASIN

Project No.

Status:
Funding Required

Estimated Project Cost:
\$3,000,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a 0.5 million gallon (MG) backwash recycle basin with mixers to prevent settling prior to pumping the water to the backwash water package treatment units to be constructed with earlier projects.



W-32: WATER TREATMENT PLANT SLUDGE DEWATERING LAGOON

Project No.

Status:
Funding Required

Estimated Project Cost:
\$500,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a separate sludge dewatering lagoon using 0.5 acres of the 2.1 acre lower lagoon. This will allow separation of dewatering operations in the lower lagoon to be separated from the emergency overflow and storm water storage portion of the existing pond.



W-33: WATER TREATMENT PLANT MECHANICAL SLUDGE DEWATERING

Project No.

Status:

Funding Required

Estimated Project Cost:
\$2,000,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct a mechanical sludge dewatering system for use once WTP operations reach 15 MGD. The current system of dewatering by natural evaporation is adequate for flows up to the 15 MGD threshold.



W-34: WATER TREATMENT PLANT WATER DISINFECTION MODIFICATION AND CONVERSION

Project No.

Status:
Funding Required

Estimated Project Cost:
\$2,500,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will construct modifications to the existing disinfection system at the WTP to convert from chlorine gas disinfection to sodium hypochlorite. Converting to sodium hypochlorite will reduce the regulatory and reporting burden on WTP staff and will improve safety for employees at the plant. This conversion is anticipated to be a regulatory requirement at some point in the future.



W-35: 2017/18 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 1 and 2)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-36: 2018/19 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 3 and 4)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-37: 2019/20 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 5 and 6)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-38: 2020/21 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 7 and 8)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



W-39: 2021/22 WATER TREATMENT PLANT FILTER MEDIA REPLACEMENT (Filters 1 and 2)

Project No.

Status:
Funding Required

Estimated Project Cost:
\$150,000

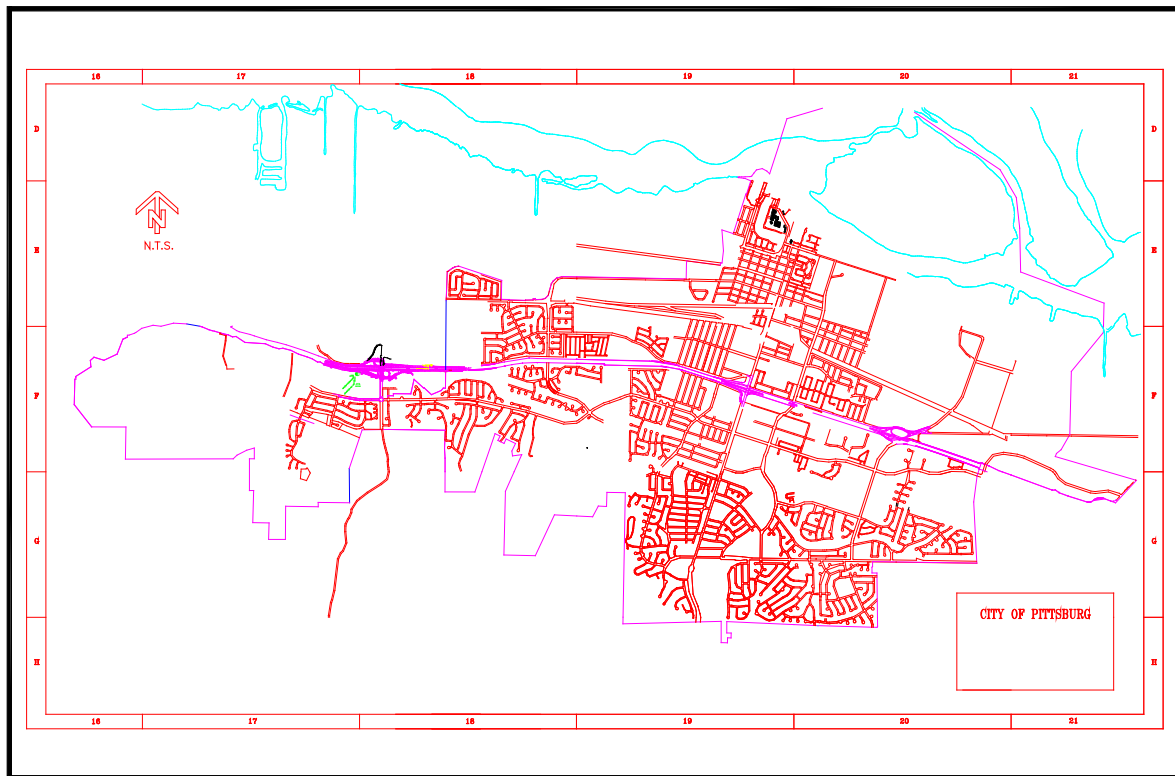
Project Limits:
Water Treatment Plant

Funding Sources:

Eligible Funding Source: WFR, WOF
Identified Funding:

Project Description:

This project will perform periodic replacement of the filter media in two of the eight water filters at the water treatment plant. Media replacement includes removal and disposal of spent filter media and replacement with new granulated activated carbon (GAC) or anthracite, sand, and gravel. Filter media needs to be replaced approximately every four years.



SS-4: SEWER MASTER PLAN UPDATE

Project No.

To be determined

Status:

Awaiting funding

Estimated Project Cost:

\$175,000

Project Limits:

Citywide

Operation and Maintenance

\$0/year

Funding Sources:

Eligible Funding Source: Sewer Operations Fund

Identified Funding Source: \$175,000 SOF

Project Description:

The City's sewer master plan was last fully updated in 2003. There have been three amendments to the master plan over the years, with the last being completed in 2011. This project is for a full update of the sewer master plan.



SD-1: SUGARTREE CHANNEL (Contra Costa Canal to East Bay Municipal Utility District)

Project No.

Status:

Awaiting funding/Evaluating needs.

Estimated Project Cost:
\$675,000

Project Limits:

Storm drain channel from Contra Costa Canal to EBMUD corridor

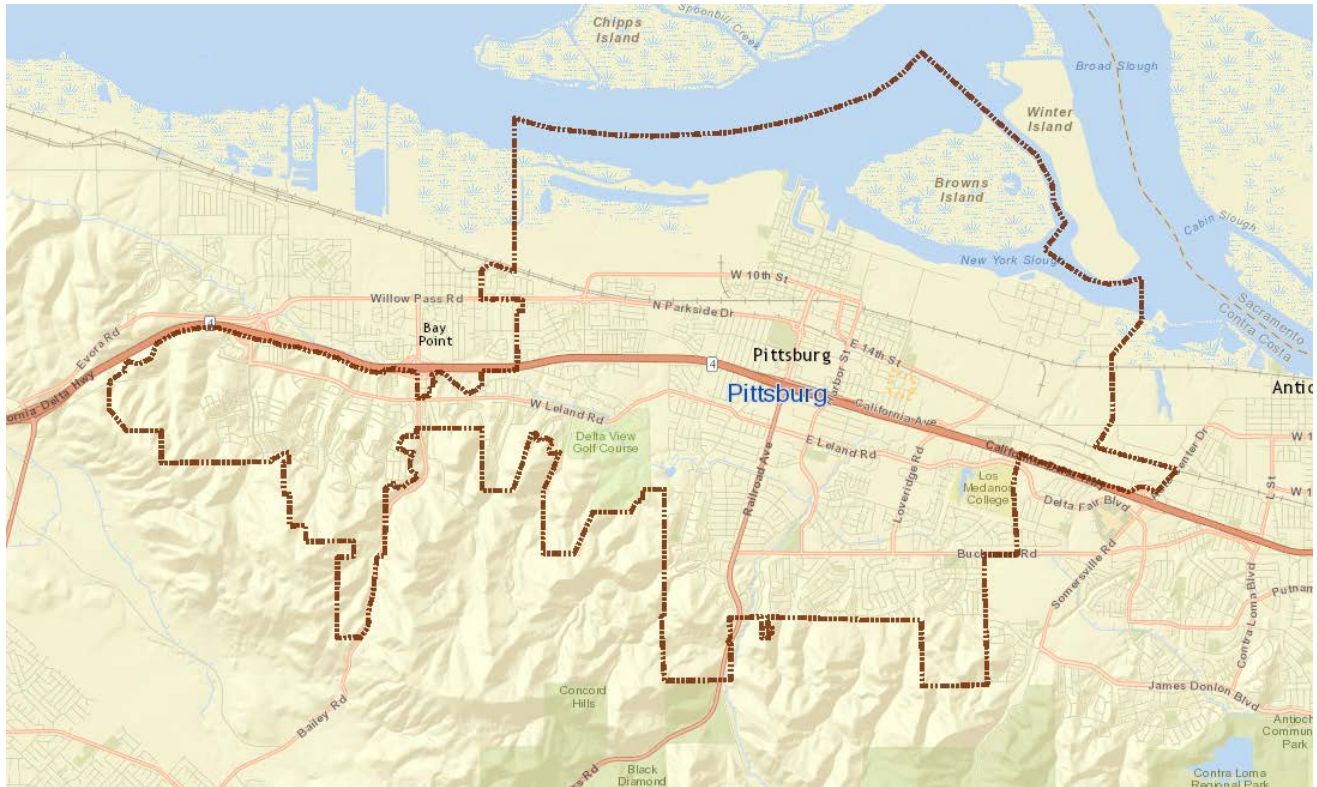
Funding Sources:

Eligible Funding Source: Potential FEMA grant

Identified Funding Source: None

Project Description:

This project is to excavate and widen a channel that has become severely silted up and overgrown with willow trees. This area has become a bottleneck for storm water flows. The restricted flow has caused flooding on Sugartree Drive during major storm events. Staff is preparing a grant request from FEMA to assist with funding.



PK-4: ANNUAL PLAYGROUND REPLACEMENT PROJECT

Project No.

Status:

Estimated Project Cost:
\$80,000 Annually

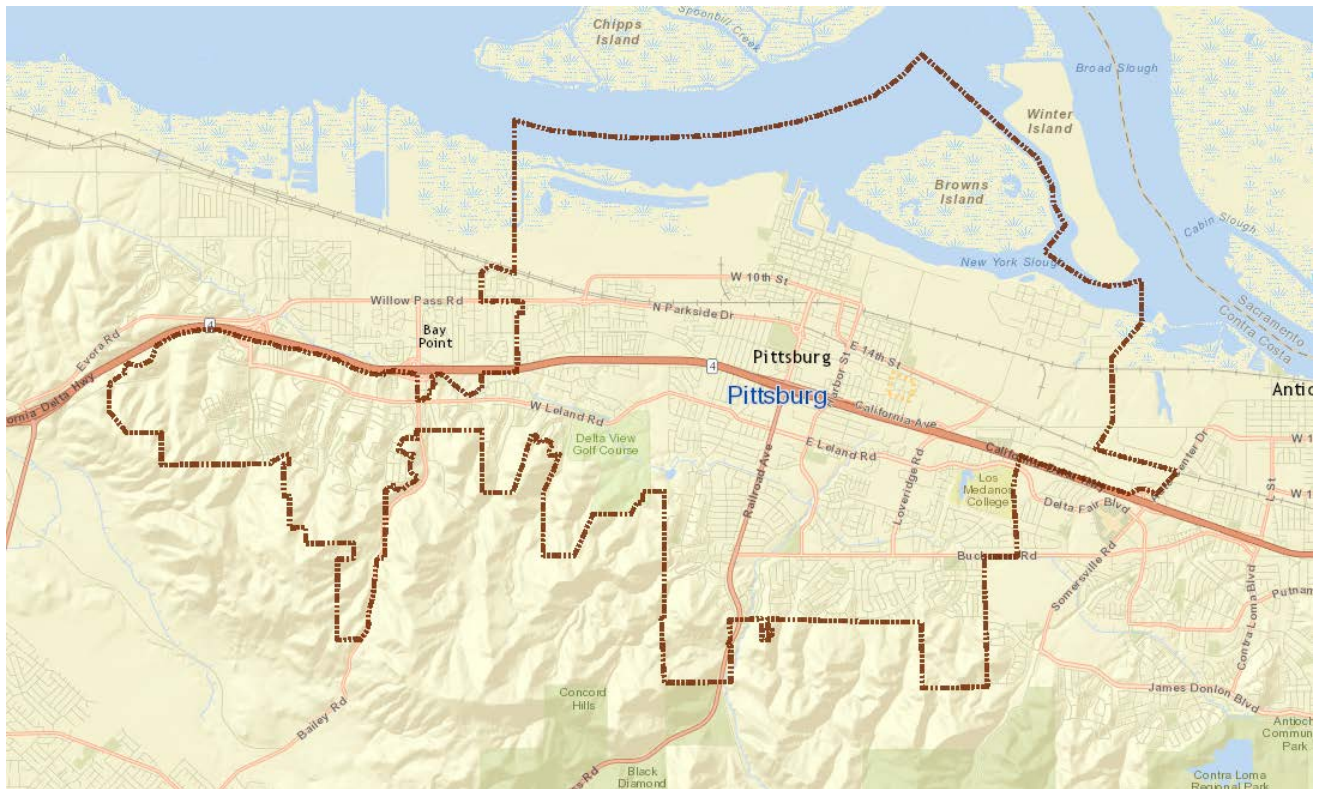
Project Limits:
Citywide

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Recurring annual project for replacement of playground equipment and related amenities at public parks throughout the City. Priority for locations determined by Public Works with input for Recreation Services.



PK-5: CASP ACCESSIBILITY IMPROVEMENTS IN PARKS

Project No.

Status:

Estimated Project Cost:
\$150,000

Project Limits:
Citywide

Operation and Maintenance

Funding Sources:
Park Dedication Fees (PDF)

Project Description:

Project to install, repair, or construct improvements at City owned parks as recommended by Certified Access Specialist Program (CASP) – ADA survey of facilities and prioritized by Public Works staff.



PK-6: CITY PARK SOCCER FIELD TURF REPLACEMENT

Project No.

Status:
Not Funded

Estimated Project Cost:
\$500,000

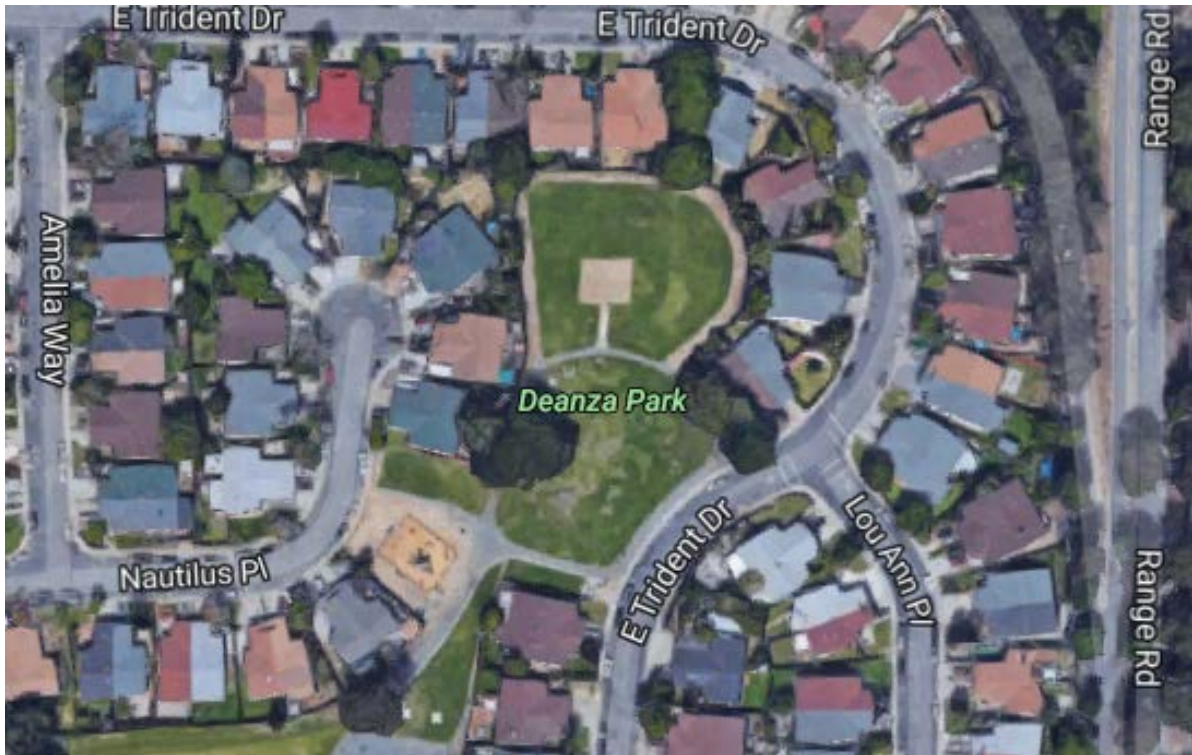
Project Limits:
City Park

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Replacement of all-weather, turf soccer field at City Park.



PK-7: DE ANZA PARK WALKWAY REHABILITATION AND BASKETBALL COURT

Project No.

Status:

Estimated Project Cost:
\$200,000

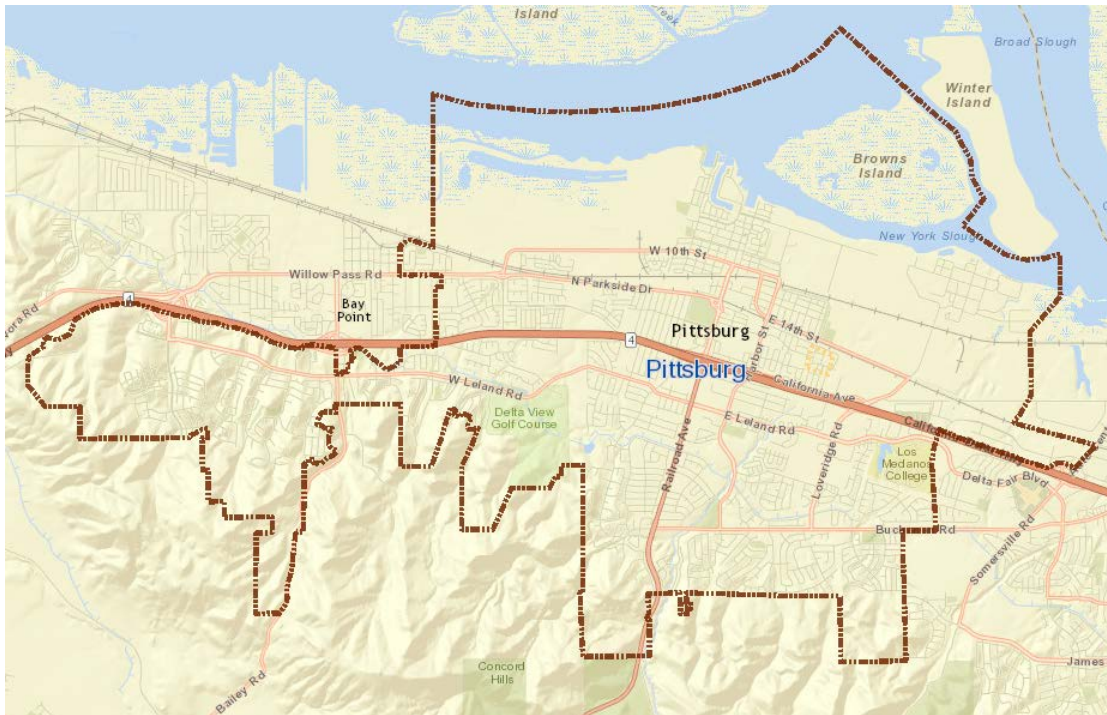
Project Limits:
De Anza Park

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Project to rehabilitate/repair/ reconstruct deteriorated walkways and for design and construction of basketball court at De Anza Park.



PK-8: BIENNIAL PLAYFIELD REPLACEMENT

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$250,000 annually

Project Limits:

City Wide

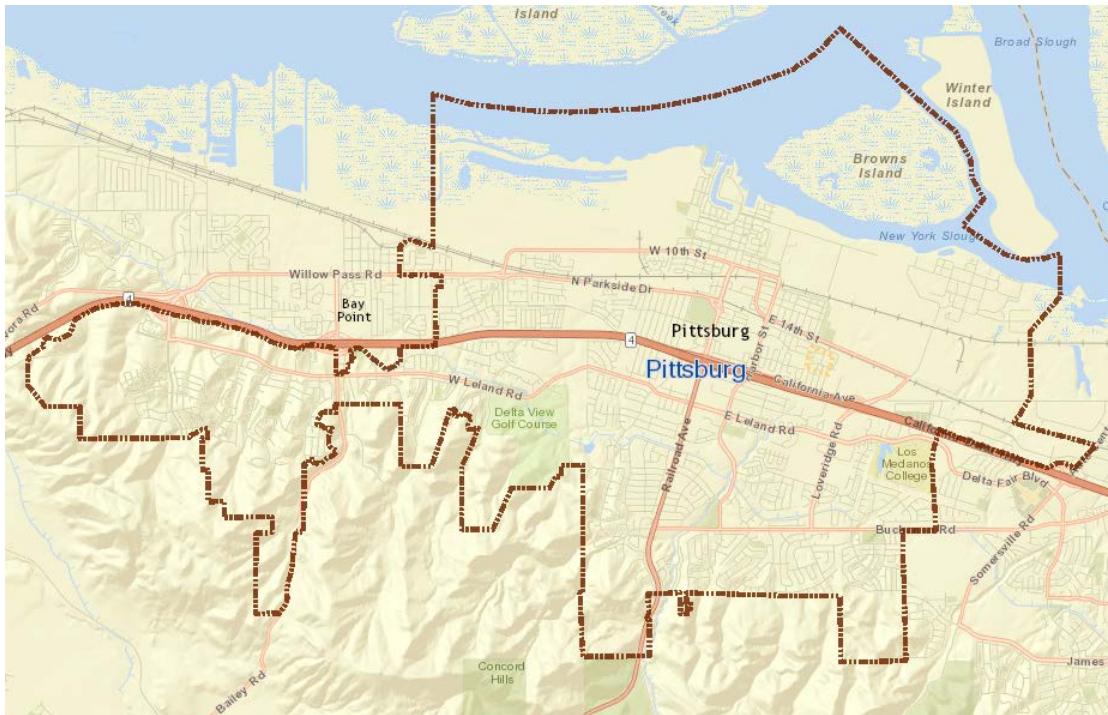
Operation and Maintenance

Funding Sources:

Grants & Park Dedication Fees (PDF)

Project Description:

Recurring \$500,000 biennial project for public parks throughout the City. Priority for locations determined by Public Works with input from Recreation Services.



PK-9: ANNUAL PARK FEATURES REPLACEMENT PROJECT

Project No.

Status:

Estimated Project Cost:
\$75,000 annually

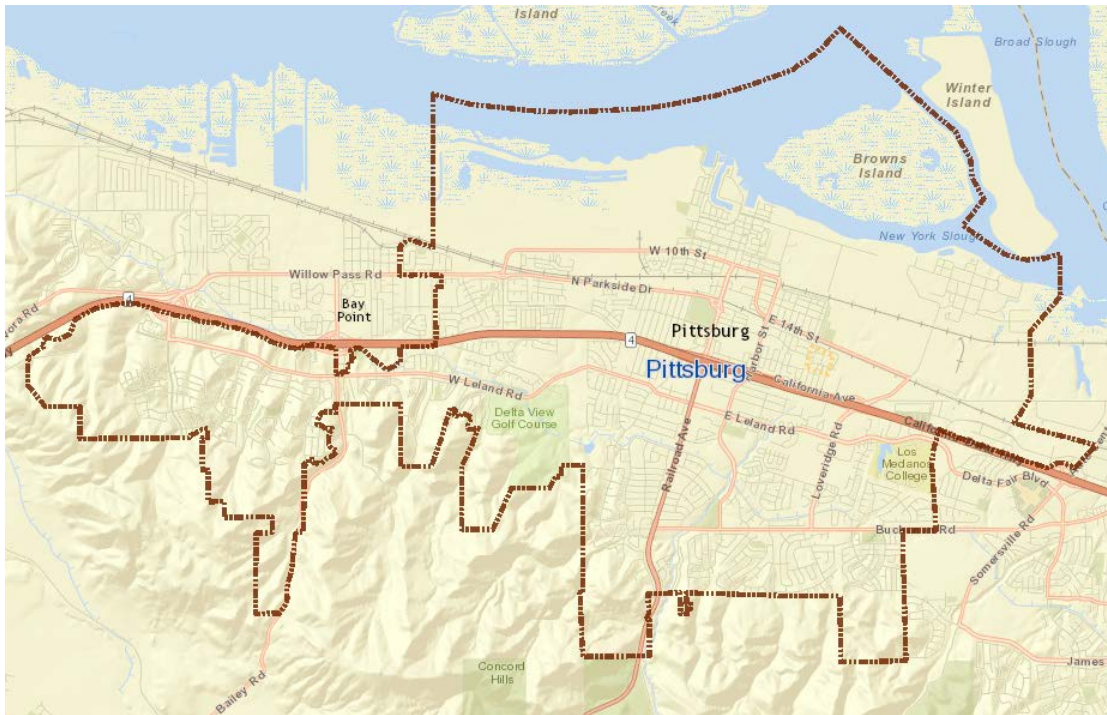
Project Limits:
City Wide

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Recurring bi-annual project for public parks throughout the City. Priority for locations determined by Public Works with input from Recreation Services.



PK-10: BIENNIAL RESTROOM REPLACEMENT/REHABILITATION

Project No.

Status:

Awaiting Funding

Estimated Project Cost:
\$250,000 annually

Project Limits:
City Wide

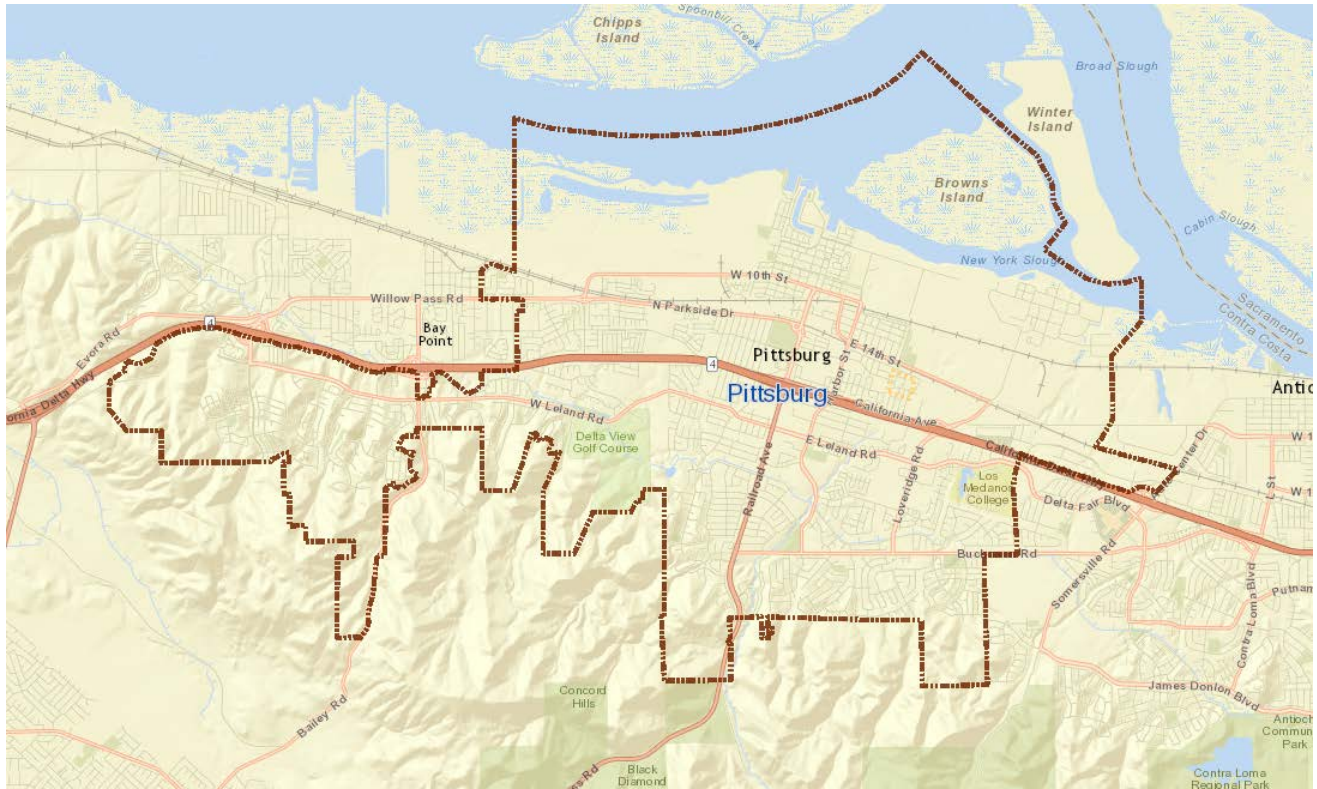
Operation and Maintenance

Funding Sources:

Grants & Park Dedication Fees (PDF)

Project Description:

Recurring \$500,000 biennial project for restrooms in public parks throughout the City. Priority for locations determined by Public Works with input from Recreation Services.



PK-12: ALL ABILITIES PLAYGROUND

Project No.

Status: Unfunded

Estimated Project Cost:
\$2,000,000

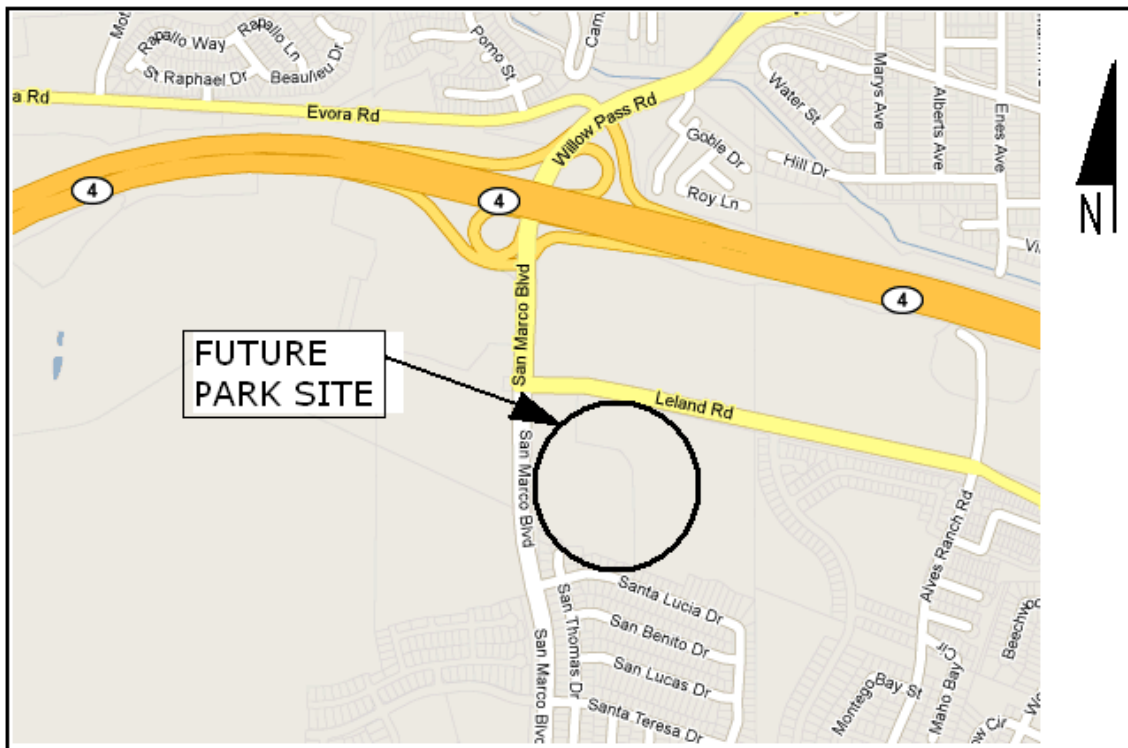
Project Limits:
TBD

Operation and Maintenance

Funding Sources:
Grants & Park Dedication Fees (PDF)

Project Description:

Project to design and construct an All Abilities Playground within a city park with amenities accessible and appropriate for use by children of all abilities.



PK-16: RAY GIACOMELLI PARK AT SAN MARCO BOULEVARD/WEST LELAND ROAD – Phase II

Project No.

To be determined

Status:

Planning

Estimated Project Cost:

\$2,000,000

Project Limits:

San Marco Community

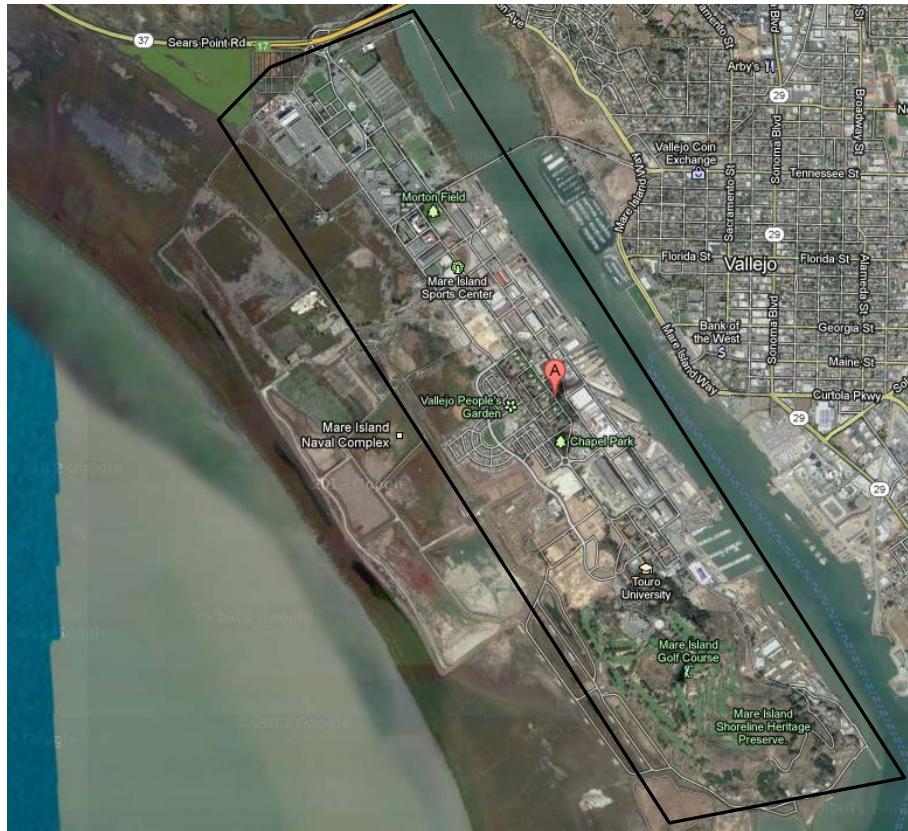
Funding Sources:

Eligible Funding Source: Park Dedication Fee/ Developer

Identified Funding Source:

Project Description:

This project is currently planned for construction at the western side of a new 6 - acre park at the southeast corner of San Marco Boulevard and West Leland Road. The potential facilities for Phase II include basketball, baseball, parking, and pathways. The actual scope will be determined based on available funding. The location may change based on negotiations for commercial development at this location to include a grocery store. Another site for the Phase II amenities would be chosen within the San Marco Subdivision should the commercial development proceed.



Potential Cable Replacement Area

PP- 1 : FY2017-2018 CABLE REPLACEMENT

Project No.:		Status: awaiting funding
Timing: FY 2017 – FY 2018		
Estimated Project Cost:		Project Limits:
\$250,000		Island Energy service territory
Operation and Maintenance		Funding Sources
Project is expected to improve system reliability		\$250,000 Island Energy reserves

Project Description:

This project will replace approximately 6,000 feet of electrical cable



M-10: Riverview Park Dock Repairs

Project No.

Status:

Awaiting Funding

Estimated Project Cost:

\$75,000

Project Limits:

Riverview Park

Funding Sources:

Eligible Funding Source: Marina Enterprise Fund

Identified Funding Source: TBD

Project Description:

This project will increase ease of use for fishermen, enhance amenities like fishing pole holders, wind blockers, and benches, and address damages at the Riverview Park dock.



G-2: CITY STANDARD DETAILS UPDATE

Project No.

N/A

Status:

Awaiting Funding

Estimated Project Cost:

\$100,000

Project Limits:

N/A

Funding Sources:

Eligible Funding Source: WOF, SOF,
Measure J, Gas Tax, IRRF, PDF
Identified Funding Source: \$32,000 WOF,
\$11,000 SOF, \$26,000 Gas Tax, \$31,000
PDF

Project Description:

The Pittsburg Standard Details were last updated in 2014, with a partial update. Since that time the City has undertaken an update to the Pittsburg Standard Specifications. The update to the Standard Specifications has initiated the need to update related standard details.

This project will provide for the necessary updates to the Standard Details. Updating of the Standard Details, combined with the current Standard Specifications update, will help staff, developers, contractors, and consultants to ensure that the City receives materials, construction methods, and quality assurance that it needs for City owned and maintained infrastructure.

**CITY OF PITTSBURG
PLANNING COMMISSION
STAFF REPORT**

**ITEM: No. 4 - Study Session to Review Proposed Zoning Text Amendments
Related to the CP District, AP-17-1277 (RZ)**

ORIGINATED BY: City of Pittsburg, 65 Civic Avenue, Pittsburg, CA 94565

SUBJECT: This is a City-initiated proposal to consider potential amendments to Title 18 of the Pittsburg Municipal Code (PMC) to consolidate the CP-1 and CP-2 sub-districts in order to provide more flexibility related to the allowable uses within the CP (Pedestrian Commercial) District.

RECOMMENDATION:

No action is needed at this time. Staff recommends that the Commission review the proposed amendments and provide feedback to staff during the study session.

BACKGROUND:

The CP District was established to provide a vibrant, pedestrian-oriented destination area that caters to shoppers and visitors in the downtown commercial core by providing inviting and visually interesting human-scale architecture, pedestrian-friendly storefronts, outdoor dining opportunities, and a limited number of (public) parking facilities (PMC section 18.52.005[B][7]). The vision for the CP District, which was originally created in 2006, was to have permitted uses on the ground floor along the primary corridor (Railroad Avenue) consist predominantly of pedestrian-oriented retail, entertainment, restaurants, and galleries, with office and residential uses permitted above/behind the ground floor and beyond the primary corridor to increase the downtown population and employment/shopper base without detracting from the ground floor retail synergy desired along Railroad Avenue. As such, the CP-1 and CP-2 sub-districts were established; the CP-1 District generally includes ground floor tenant spaces of buildings within the downtown corridor that maintain frontage along Railroad Avenue, while the CP-2 District includes all other tenant spaces within the CP District.

On August 7, 2017, the City Council adopted Ordinance No. 17-1435, expanding the allowable uses within the existing CP-1 District to include personal improvement services and personal services, subject to a conditional use permit and an added finding that the use would support the goals of creating a vibrant, economically prosperous, visually interesting, and engaging pedestrian oriented atmosphere along the primary downtown corridor.

Land Use Subcommittee:

Planning Commission Staff Report

Since 2013, the Land Use Subcommittee has been discussing and reviewing potential options for modification of the CP District land use regulations in order to help decrease commercial vacancies in the downtown.

On September 18, 2017, the City Council, upon recommendation by the Subcommittee, voted to formally initiate a zoning study to consider a consolidation of the two CP sub-districts in order to provide more flexibility for potential downtown commercial tenants.

On September 19, 2017, the Subcommittee met to review and discuss the potential zoning text amendments. The Subcommittee was provided an initial draft of the proposed amendments for consideration, and voiced general support for the proposal, subject to several minor edits. The modifications requested by the Subcommittee included: 1) allowing, “animal grooming,” and, “animal hospitals,” subject to a use permit; 2) allowing “bakery, commercial,” uses that maintain a retail component, subject to a use permit; and 3) allowing, “drive-through retail or service,” though prohibiting fast food services, subject to a use permit. Concern regarding allowing, “food and drug processing,” and its potential to allow for marijuana-related businesses, was also raised. Direction was given to staff to proceed with work associated with potential amendments to the PMC, subject to the requested modifications and concerns raised during the meeting.

PROJECT DESCRIPTION:

Based on feedback gathered from the Subcommittee, staff is exploring potential changes which would help promote occupancy of vacant storefronts while maintaining a vibrant, pedestrian-oriented corridor (Attachment 2). The proposed amendments have been developed in consultation with the City’s Economic Development Department, as well as review of allowable uses in the nearby downtowns of Benicia, San Rafael, and Rohnert Park. In general, the updates staff is proposing at this time include:

1. Eliminating the mapped CP-1 and CP-2 Districts in favor of a more “form-based” approach in which tenant space design, size, location, and orientation along the primary downtown corridor would become the predominant factors in determining which uses are allowed downtown, and what potential zoning entitlements must be obtained.
2. Refining the types of uses that would be permitted within the CP District. Staff is proposing expanding the types of uses allowed within ground floor tenant spaces along Railroad Avenue (the current CP-1 area); most notably, this proposal would allow take out restaurants as a permitted use, as well as offices (administrative, governmental, and medical types) and commercial and private schools upon approval of a use permit in these areas.
3. In all instances where use permits would be required to establish specific uses within any portion of the CP District, an additional finding would be required to be made in which the Planning Commission determines the use would support the goals of creating a vibrant, economically prosperous, visually interesting, and engaging pedestrian oriented atmosphere along the primary downtown corridor.

GENERAL PLAN/CODE COMPLIANCE:

California Government Code sections 65853 – 65855, and PMC sections 18.48.010 – 18.48.060, identify the procedures for processing zoning amendments. As identified in these code sections, the Planning Commission is the recommending body for zoning changes, with final decision-making authority assigned to the City Council.

This study session is intended to introduce the Planning Commission and the general public to the proposed amendments and provide an opportunity for discussion, prior to requesting a formal recommendation from the Planning Commission.

ANALYSIS:

Not Applicable.

ACTION REQUIRED:

No action is needed at this time. Staff recommends that the Commission review the proposed amendments and provide feedback to staff during the study session.

ATTACHMENTS:

1. City Council Minute Order Initiating Zoning Study
2. Proposed Edits to the CP District Land Use Matrix
3. CP District boundaries
4. Vicinity Map

Prepared by: Jordan Davis, AICP, Associate Planner

MINUTE ORDER CERTIFICATION

State of California
County of Contra Costa
City of Pittsburg

I, Alice E. Evenson, City Clerk in and for said City Council, City of Pittsburg, County of Contra Costa, State of California, do hereby certify that the hereto attached and foregoing document is a full, true and correct copy of the Minute Order, on file in this office of said City. This Minute Order was approved at a regular meeting of the City Council of the City of Pittsburg on September 18, 2017 by the following vote:

AYES: Members Banales, Killings, Longmire, Craft

NOES: None

ABSTAINED: None

ABSENT: Evola

WITNESS, my hand, and Official Seal
this 19th day of September, 2017

A handwritten signature in black ink that reads "Alice E. Evenson". The signature is written in a cursive style with a large initial "A".

Alice E. Evenson
City Clerk



**OFFICE OF THE CITY MANAGER/EXECUTIVE DIRECTOR
65 Civic Avenue
Pittsburg, CA 94565**

DATE: 8/30/2017
TO: Mayor and Council Members
FROM: Joe Sbranti, City Manager
SUBJECT: Adoption of a Minute Order to Request Initiation of a Zoning Study
Related to the CP District
MEETING DATE: 9/18/2017

EXECUTIVE SUMMARY

This is a City-initiated proposal to consider potential amendments to Title 18 of the Pittsburg Municipal Code (PMC) to consolidate the CP-1 and CP-2 Districts in order to provide more flexibility related to the allowable uses within the CP (Pedestrian Commercial) District.

FISCAL IMPACT

There would be no negative fiscal impact on the City as a result of the proposed zoning study. The possible consolidation of the CP-1 and CP-2 Districts would potentially provide more flexibility for new businesses, which should help to fill vacant spaces and generate additional business license revenues for the City.

RECOMMENDATION

City Council move by minute order to initiate a zoning study related to potential consolidation of the CP-1 & CP-2 Districts.

BACKGROUND

The CP District was established to provide a vibrant, pedestrian-oriented destination area that caters to shoppers and visitors in the downtown commercial core by providing inviting, visually interesting, human-scale architecture, pedestrian-friendly storefronts, outdoor dining opportunities, and a limited number of (public) parking facilities (PMC section 18.52.005[B][7]). The vision for the CP District, which was originally created in 2006, was to have permitted uses on ground floor along the primary corridor (Railroad Avenue) consist primarily of pedestrian-oriented retail, entertainment, restaurants, and galleries, with office uses permitted above/behind the ground floor and beyond the primary corridor to increase the downtown population and employment/shopper base without detracting from the ground

floor pedestrian retail synergy desired along the primary corridor. As such, the CP-1 and CP-2 sub-districts were established; the CP-1 District generally includes ground floor tenant spaces of buildings within the downtown corridor that maintain frontage along Railroad Avenue, while the CP-2 District includes all other tenant spaces within the CP District.

On August 7, 2017, the City Council adopted Ordinance No. 17-1435, expanding the allowable uses within the CP-1 District to include personal improvement services and personal services, subject to a conditional use permit and an added finding that the use would support the goals of creating a vibrant, economically prosperous, visually interesting, and engaging pedestrian oriented atmosphere along the primary downtown corridor.

SUBCOMMITTEE FINDINGS

Since 2013, the Land Use Subcommittee has been discussing and reviewing potential options for modification of the CP District standards in order to help decrease commercial vacancies in the downtown.

On August 1, 2017, the subcommittee met and specifically discussed a request for rezoning of a ground floor tenant space within the CP-1 area (at 311 Railroad Avenue) in order to establish an insurance office which would not be an allowable use under the current zoning. The Subcommittee supported the potential use of the space, and further directed staff to explore a possible consolidation of the CP District in order to provide more flexibility for new uses that want to locate into the existing CP-1 zoned areas.

Pursuant to PMC section 18.48.020, amendments to zoning regulations must be initiated by motion of the City Council or the Planning Commission, or by application or petition of a resident, property owner or business owner in the city. According to the direction received from the Land Use Subcommittee, staff is requesting that the City Council initiate a zoning study as described above.

STAFF ANALYSIS

Since the zoning district was implemented in 2006, the City has seen positive growth of the restaurant industry in the downtown core, along with several recreational/entertainment amenities, including the construction of a new downtown park with flexible space for events and community gatherings. During this time, the City has also implemented a significant investment in infrastructure including improved roadways with raised intersections, angled parking, new street lighting, furniture and landscaping, as well as new sidewalks with an increased width in order to help facilitate better pedestrian flow and provide space for other ancillary amenities such as outdoor dining and/or retail displays. However, since these efforts were implemented, there still has been little to no successful retail growth, and there are a number of prime tenant spaces on Railroad Avenue that have been vacant for many years. For this reason, staff believes that it is now an appropriate time to revisit the CP District land use regulations, and as such, recommends a formal study be initiated.

ATTACHMENTS: None.

Report Prepared By: Jordan Davis, AICP, Associate Planner

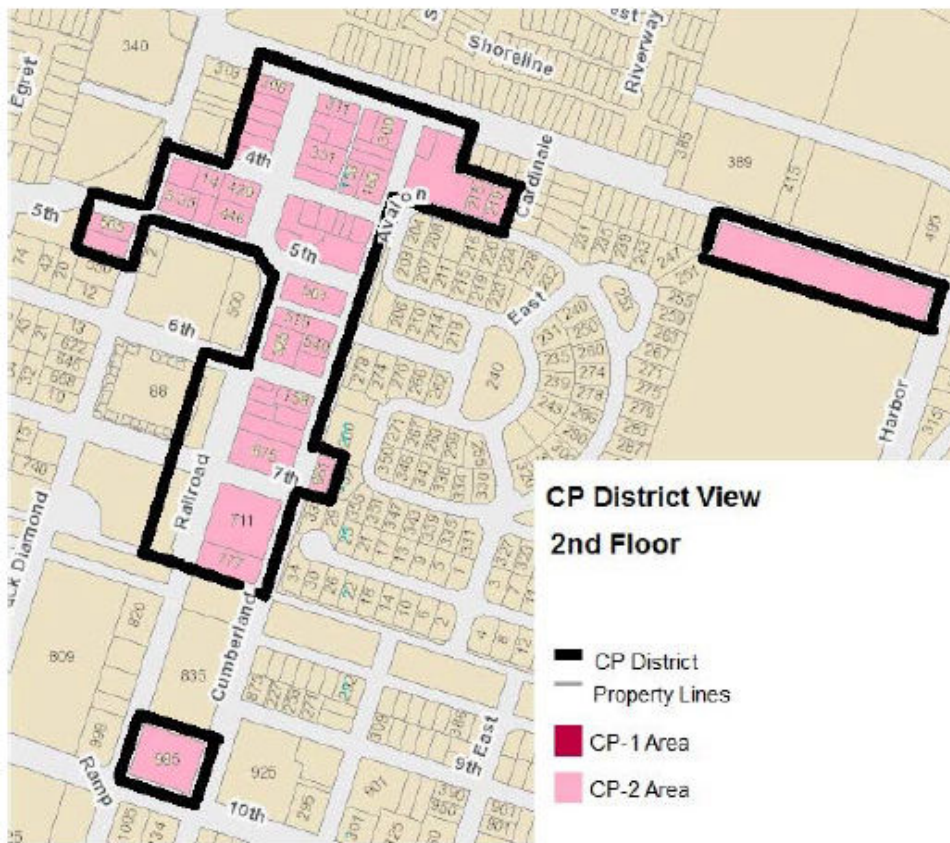
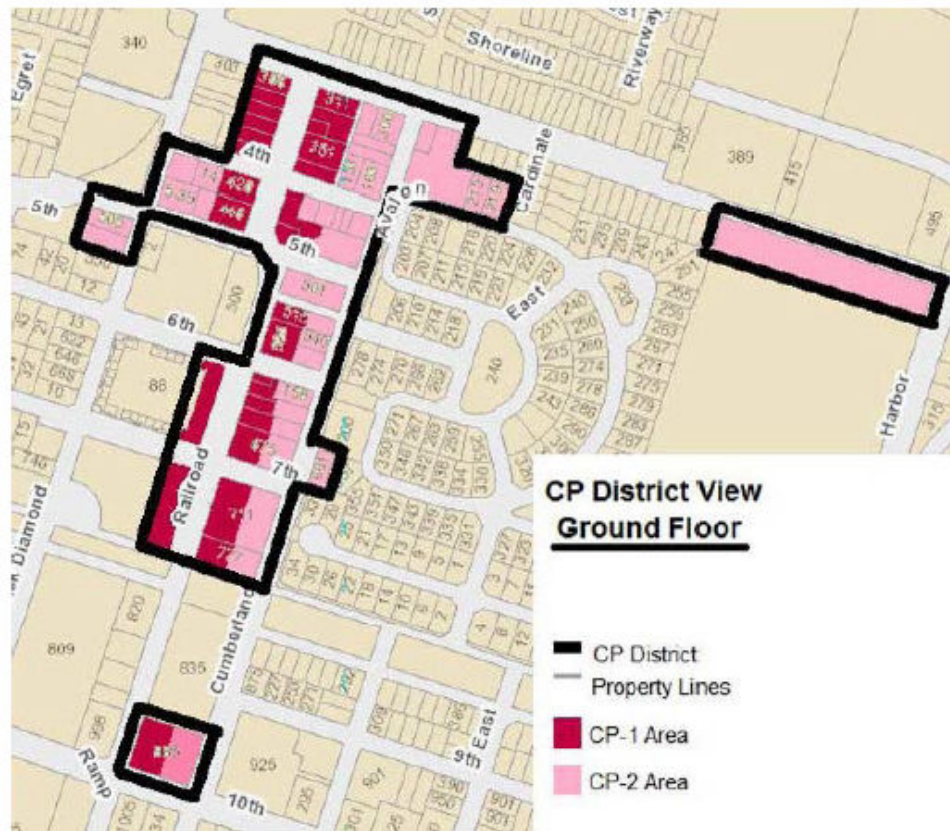
USE CLASSIFICATION	Existing CP District Regulation	Proposed CP District Regulation		Benicia	San Rafael	Rohnert Park
Governmental and Quasipublic						
Club and lodge: Meeting, recreational, or social facility of a private or nonprofit organization primarily for use by members or guests. This classification includes union hall, social club, youth center, and bingo hall as governed by Chapter 5.22 PMC.	L-110: Not permitted in the CP-1 area.* Conditional use permit required for establishments within a facility capable of accommodating occupancy of 50 or more seated persons, as determined by Uniform Building Code standards. Otherwise, permitted in the CP-2 area.*	<u>Permitted, [Modified] L-110:</u> Not permitted in the CP-1 area.* <u>within ground floor tenant spaces adjacent to Railroad Avenue.</u> Conditional use permit required for establishments within a facility capable of accommodating occupancy of 50 or more seated persons, as determined by Uniform Building Code standards. Otherwise, permitted in the CP-2 area.*		Minor Use Permit	Conditional Use Permit. On Fourth Street frontage, use shall only be allowed in a rear ground level demised space behind a separate retail demised space with a separate entrance or on the second floor or above	Conditional Use Permit
College, public or private: Institution of higher education providing curriculum of a general, religious, or professional nature and that typically grants recognized degrees.	L-110: Not permitted in the CP-1 area.* Conditional use permit required for establishments within a facility capable of accommodating occupancy of 50 or more seated persons, as determined by Uniform Building Code standards. Otherwise, permitted in the CP-2 area.*	<u>Use Permit.</u>		Minor Use Permit	Private: Conditional Use Permit; Public: Permitted	Not Permitted
Government office: Administrative, clerical, or public contact office of a federal, state or local government agency, including postal facilities, together with incidental storage and maintenance of vehicles.	L-27: Use permit required for establishments occupying more than 10,000 square feet of gross floor area or more than 50 percent of the floor area in a shopping center, whichever is less. Use permit required for on-site maintenance or outdoor storage of vehicles. L-111: Bail bonds not permitted. Chamber of Commerce and government offices permitted on the ground floor. Real estate offices permitted in the CP-1 area*; provided, that no two real estate offices in the CP-1 area* are within 500 linear feet of each other.	<u>Permitted; [New Limitation] L-167: Use permit required for establishments occupying more than 10,000 square feet of gross floor area and/or for on-site maintenance or outdoor storage of vehicles.</u>		Offices permitted	Limited to buildings/layouts that provide active storefront	Conditional Use Permit
Public safety facility: Facility for public safety and emergency services, including police and fire protection and emergency ambulance service.	L-115: Permitted in the CP-2 area.	<u>Permitted, [Modified] L-115: Not Permitted in the CP-2 area within ground floor tenant spaces adjacent to Railroad Avenue.</u>		Only accessory to Police Station	Conditional Use Permit	Conditional Use Permit
Public transit terminal: Public or publicly regulated facility for passenger transit service and operations. This includes rapid transit station, passenger train depot, bus or ferry terminal, and park-and-ride lot.	Not permitted.	<u>Use Permit.</u>		–	Not allowed along primary corridor. Otherwise, use permit required.	Conditional Use Permit
Religious assembly: Facility for religious worship and incidental religious education, but not including private school.	L-110: Not permitted in the CP-1 area.* Conditional use permit required for establishments within a facility capable of accommodating occupancy of 50 or more seated persons, as determined by Uniform Building Code standards. Otherwise, permitted in the CP-2 area.*	<u>Permitted, [Modified] L-110:</u> Not permitted in the CP-1 area.* <u>within first floor tenant spaces adjacent to Railroad Avenue.</u> Conditional use permit required for establishments within a facility capable of accommodating occupancy of 50 or more seated persons, as determined by Uniform Building Code standards. Otherwise, permitted in the CP-2 area.*		Minor Use Permit	Conditional Use Permit	Administrative Permit

Commercial					
Animal grooming: Bathing and trimming services for small animals on a commercial basis. This classification includes boarding of domestic animals for a maximum period of 48 hours.	–	<u>Use Permit, [New Limitation] L-168: Limited to tenant spaces less than 1,000 square feet.</u>		Permitted	Zoning Admin Approval Administrative Permit
Animal hospital: Establishment where small animals receive medical and surgical treatment. This classification includes only facilities that are entirely enclosed, soundproofed, and airconditioned. Grooming and temporary boarding of animals is included if incidental to the hospital use.	–	<u>Use Permit.</u>			
Artists’ studio: Work space for artists and artisans, including an individual practicing one of the fine arts, or skilled in an applied art or craft.	L-115: Permitted in the CP-2 area. L-120: Permitted in the CP-1 area* only if the entire storefront, to a minimum depth of 20 feet from the primary street (as determined by the city planner), is used for retail sales. The city planner may grant exceptions when the building is not conducive to the 20-foot requirement; provided, that a substantial amount of retail space, visible from the sidewalk, is provided. Where the preceding cannot be met, L-115 applies.	<u>Permitted, [New Limitation] L-169: Conditional use permit required for ground floor tenant spaces adjacent to Railroad Avenue.</u>		Permitted if less than 1,500 sf	Permitted Administrative Permit
Bakery, commercial: Establishment in which baked food products (such as bread and pastry) are made primarily for wholesale distribution but which may also provide retail sales.	L-115: Permitted in the CP-2 area. L-120: Permitted in the CP-1 area* only if the entire storefront, to a minimum depth of 20 feet from the primary street (as determined by the city planner), is used for retail sales. The city planner may grant exceptions when the building is not conducive to the 20-foot requirement; provided, that a substantial amount of retail space, visible from the sidewalk, is provided. Where the preceding cannot be met, L-115 applies.	<u>Use Permit, [New Limitation] L-173: Onsite retailing of products produced by the business required.</u>		–	– –
Bank and savings and loan: Financial institution, including credit union office or check cashing service, that provides retail banking services to individuals and businesses. This classification includes only those institutions engaged in the onsite circulation of cash money.	L-115: Permitted in the CP-2 area. L-121a: Permitted in the CP-2 area.* Conditional use permit required in the CP-1 area.* In approving the use permit, the planning commission must find that the location of the proposed bank does not impede or discourage the flow of pedestrian traffic.	<u>Permitted, [New Limitation] L-169: Conditional use permit required for ground floor tenant spaces adjacent to Railroad Avenue</u>		Permitted	Limited to buildings/layouts that provide active storefront Permitted (No drive-throughs permitted)
Commercial filming and communications: Facility providing for the creation, broadcasting or recording of motion pictures, digital imaging, video photography, or other communication service. These facilities offer post-production, editing and reproduction services, and may include appurtenant structures necessary to support one or more reception/transmission systems, such as radio or television towers. This classification includes film, radio, television or recording studio; telephone switching center; and Internet broadcasting, telegraph or cable television transmitting office.	L-115: Permitted in the CP-2 area.	<u>Permitted, [Modified] L-115: Not pPermitted within the CP-2 area- within ground floor tenant spaces adjacent to Railroad Avenue.</u>		–	Allowed on upper floors or behind ground floor use. –

Drive-through retail or service: Establishment providing goods or services from a building through an outdoor service window to customers who remain in their automobiles. Uses in this classification include fast-food restaurants, grocery stores, pharmacies, dry cleaners, and retail banks with drive-through window service. Establishments engaged in the retail sale of gasoline or motor fuel, or that offer automotive oil changes or other vehicle services are classified under vehicle sales and services.	Not permitted.	<u>Use Permit, [New Limitation] L-170: Limited to parcels maintaining a private surface parking lot. Drive-through entry or exit onto or off of Railroad Avenue is prohibited. Fast food uses prohibited.</u>	–	–	–
Restaurant, take-out: Establishment at which meals are cooked on the premises and from which menu orders are picked up by customers for consumption primarily off the premises. An establishment at which over 20 percent of the gross floor area is devoted to on-site dining is classified as a self-service restaurant.	L-115: Permitted in the CP-2 area.	<u>Permitted.</u>	Permitted	Permitted	Permitted
Catering service: Preparation and delivery of food and beverages for off-site consumption without provision for on-site pick-up or consumption of food by customers.	L-130: Permitted in the CP-1 area* when ancillary to a restaurant use on site, and provided no more than two vehicles are used to provide the catering service. The two vehicles shall only be noncommercial vehicles. “Noncommercial vehicles” do not include any vehicle larger than a minivan, sports utility vehicle or multipurpose vehicle. If catering is not ancillary to an existing restaurant use on site, L-109 applies and a maximum of two vehicles (may only be noncommercial vehicles) shall be used to provide the catering service.	<u>Permitted, [Modified] L-130: Permitted in the CP-1 area* when Must be ancillary to a restaurant use on site, and provided no more than two (2) vehicles “automobiles,” as defined within this code, may be used to provide the catering service. The two vehicles shall only be noncommercial vehicles. “Noncommercial vehicles” do not include any vehicle larger than a minivan, sports utility vehicle or multipurpose vehicle. If catering is not ancillary to an existing restaurant use on site, L-109 applies and a maximum of two vehicles (may only be noncommercial vehicles) shall be used to provide the catering service. Otherwise, conditional use permit required.</u>	Permitted when ancillary to restaurant use. Otherwise prohibited.	Zoning Admin Approval	–
Massage therapy services: Establishment providing the administration of massage or acupressure, which consists of the method of treating the human body by rubbing, pressing, stroking, kneading, tapping, pounding, vibrating, or stimulating with the hands or any instrument by a massage practitioner licensed by a school approved by the state of California. A certified massage practitioner shall obtain a massage practitioner’s permit from the chief of police and be governed by Chapter 5.64 PMC.	L-115: Permitted in the CP-2 area. L-131: Permitted only when the person has applied for and obtained a permit pursuant to the requirements of Chapter 5.64 PMC.	<u>Use permit.</u>	Permitted	Permitted. On Fourth Street frontage, use shall only be allowed in a rear ground level demised space behind a separate retail demised space with a separate entrance or on the second floor or above.	Permitted
Medical services office: Offices of state licensed firms or organizations that provide human physical and psychological health services and resources, such as physicians, dentists, chiropractors, physical therapists, psychiatrists, psychologists, counseling and family planning services, optometrists, or acupuncturists. This classification includes only those facilities intended for outpatient medical services, and may include medical/ dental laboratory incidental to the office use.	L-115: Permitted in the CP-2 area. L-132: Permitted in the CP-1 area* when ground floor building exterior and the structure itself are not conducive to retail sales or eating and drinking establishments.	<u>Permitted, [New Limitation] L-169: Conditional use permit required for ground floor tenant spaces adjacent to Railroad Avenue</u>	Allowed on upper floors or behind ground floor use.	Permitted. On Fourth Street frontage, use shall only be allowed in a rear ground level demised space behind a separate retail demised space with a separate entrance or on the second floor or above.	Permitted

Office, business and administrative: Establishment engaged in the provision of executive, management, administrative, consulting, or professional services, such as architectural, design, engineering, real estate, information technology and technology support, insurance, investment, legal, secretarial, accounting, graphic arts, typesetting, desktop publishing, advertising, marketing, title insurance, bail bonds, travel, entertainment, collection, or personnel agency. This classification includes health program administration or management offices where no medical services are provided, but excludes retail banking services and medical offices. Under no circumstance, as a primary, permitted, or accessory use, shall any business and administrative office use be allowed to operate simulated gambling devices as defined in Chapter 9.26 PMC.	L-111: Bail bonds not permitted. Chamber of Commerce and government offices permitted on the ground floor. Real estate offices permitted in the CP-1 area*; provided, that no two real estate offices in the CP-1 area* are within 500 linear feet of each other. L-115: Permitted in the CP-2 area. L-132: Permitted in the CP-1 area* when ground floor building exterior and the structure itself are not conducive to retail sales or eating and drinking establishments.	<u>Permitted, [New Limitation] L-174: Conditional use permit required for ground floor tenant spaces adjacent to Railroad Avenue. Bail bonds prohibited.</u>		Permitted	Limited to buildings/layouts that provide active storefront	Permitted
Personal improvement services: Provision of instructional services on a commercial basis, including photography, fine arts, crafts, dance, music or martial arts studio; driving or language learning school; diet center; and tutoring or scholastic examination preparation facility. Facilities that are engaged in the instruction of technical or vocational skills are classified under school, commercial.	L-115: Permitted in the CP-2 area. L-133: Permitted in CP-2 area.* Driving school classrooms and drivers’ training permitted in the CP-2 area*; provided, that no more than two training vehicles are used by the business and vehicles are stored off-street. L-166: Conditional use permit required in the CP-1 area.* In approving the use permit, the planning commission must make an additional finding that the use will support the goals of creating a vibrant, economically prosperous, visually interesting, and engaging pedestrian oriented atmosphere along the primary downtown corridor.	<u>Permitted, [Modified] L-133: Conditional use permit required for ground floor tenant spaces adjacent to Railroad Avenue. Permitted in CP-2 area.*_</u> Driving school classrooms and drivers’ training permitted in the CP-2 area*; <u>provided, that are limited to</u> no more than two training vehicles are used by the business and <u>those</u> vehicles <u>must be</u> are stored off-street.		Permitted	Zoning Admin Approval	Administrative permit
Personal services: Provision of services and incidental sales of a personal nature. This classification includes barber and beauty shop, tanning salon, watch and jewelry repair, engraver, picture framing, seamstress, tailor, shoe repair shop, dry cleaner, locksmith, portrait studio, film developing, self-service laundry, bicycle repair, <u>tattoo and piercing</u> , and home electronic equipment repair.	L-134: Permitted in CP-2 area.* Self-service laundry permitted in the CP-2 area* only when ancillary to an eating or drinking establishment or indoor commercial entertainment. Self-service laundry prohibited in CP-1 area.* L-166: Conditional use permit required in the CP-1 area.* In approving the use permit, the planning commission must make an additional finding that the use will support the goals of creating a vibrant, economically prosperous, visually interesting, and engaging pedestrian oriented atmosphere along the primary downtown corridor.	<u>Permitted, [Modified] L-134: Conditional use permit required for ground floor tenant spaces adjacent to Railroad Avenue. Permitted in CP-2 area.*_</u> Self-service laundry <u>not permitted within ground floor tenant spaces adjacent to Railroad Avenue and only permitted with a conditional use permit in other areas in the CP-2 area* only</u> when ancillary to an eating or drinking establishment or indoor commercial entertainment. Self-service laundry prohibited in CP-1 area.		Permitted (tattoo or piercing requires use permit and only allowed as ancillary use)	Permitted	Permitted
Printing and Publishing Services, Commercial: Establishment utilizing lithography, blueprinting, or offset presses capable of printing sheets larger than 11 inches by 17 inches. This classification primarily engages in high-volume printing such as newspapers, books, magazines, business and telephone directories, and catalogs.	Use permit required.	<u>Use Permit, [New Limitation] L-171: Prohibited within ground floor tenant spaces adjacent to Railroad Avenue.</u>		–	–	–
School, commercial: Establishment engaged in the teaching of technical or vocational skills, including barber and beauty college, real estate, modeling, and secretarial school. Institutions that typically grant recognized degrees are classified under college, public or private.	L-110: Not permitted in the CP-1 area.* Conditional use permit required for establishments within a facility capable of accommodating occupancy of 50 or more seated persons, as determined by Uniform Building Code standards. Otherwise, permitted in the CP-2 area.*	<u>Use Permit.</u>		Minor Use Permit	Zoning Admin Approval	–

Industrial						
Food and drug processing: Establishment engaged in the manufacture, processing, production, or packaging of drugs, beverages, or food products within an enclosed building. This classification includes brewery, bottler, winery, meat processing plant, wholesale bakery, candy and dairy product manufacturer, and related activities within an enclosed building, but excludes slaughterhouse, rendering plant, cannery or tannery. Uses in this classification may provide for the incidental onsite tasting or retailing of products.	Not permitted.	Use Permit, [New Limitation] L-172: Limited to breweries, bottlers, wineries, wholesale bakeries, and candy and/or dairy product manufacturing. Onsite tasting and/or retailing of products required.		Breweries and brewpubs allowed with service of food. Permitted to operate until 9 p.m.; operation after 9 p.m. requires use permit.	Breweries and brewpubs conditionally permitted.	—
Custom: Establishment primarily engaged in on-site production of goods by hand manufacturing involving the use of hand tools and small-scale equipment. This classification may include the incidental direct sale to consumers of only those products produced on-site. Typical uses include ceramic studio, candle-making, boatwright, custom jewelry manufacture, ornamental iron works, cabinet shop, or stained/leaded glass studio.	L-115: Permitted in the CP-2 area. L-120: Permitted in the CP-1 area* only if the entire storefront, to a minimum depth of 20 feet from the primary street (as determined by the city planner), is used for retail sales. The city planner may grant exceptions when the building is not conducive to the 20-foot requirement; provided, that a substantial amount of retail space, visible from the sidewalk, is provided. Where the preceding cannot be met, L-115 applies. L-143: Limited to ceramic studio, candle-making, and custom jewelry manufacture.	Use Permit, [New Limitation] L-173: Onsite retailing of products produced by the business required.		‘Artisan’ uses allowed. Use permit required for retail uses in conjunction with artisan use.	Allowed on upper floors or behind ground floor use.	—



Vicinity Map

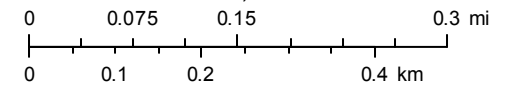


September 29, 2017

Legend

CP District Boundaries

1:8,736



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