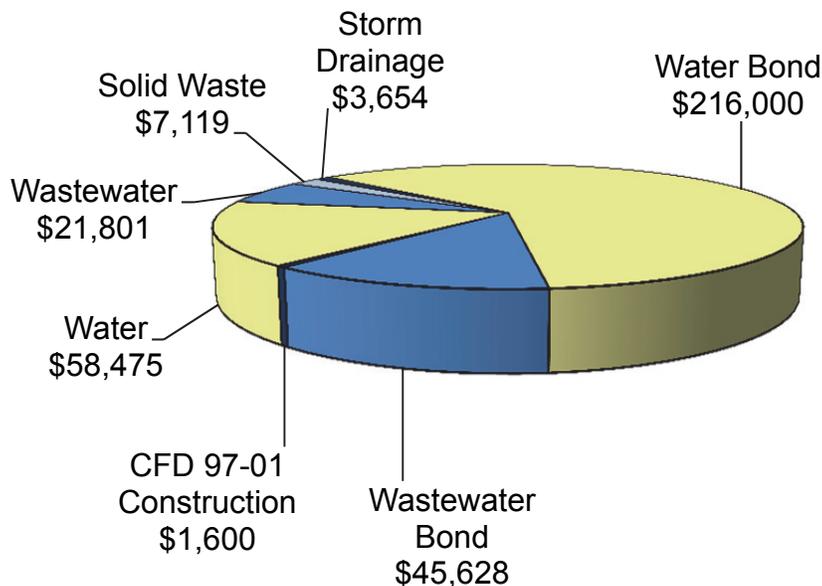


INTRODUCTION

Funded primarily by enterprise funds, the CIP for utilities consists of four programs: Water, Wastewater, Storm Drainage, and Solid Waste.

The projected 2013-2018 City Utilities CIP budget totals \$354.3 million. Many of the projects are required to comply with regulatory mandates such as the water meter retrofit program and improvements to the combined sewer system (CSS). The water, wastewater and storm drainage rehabilitation and replacement projects included in this five-year budget were selected using an asset management approach to systematically address infrastructure criticality, condition assessment, life cycle costing, and prioritized replacement timetables and are consistent with the City's 2030 General Plan as well as the Department of Utilities' (DOU's) Capital Improvement Programming Guide. The projects often involve upgrades to or replacement of existing facilities to address existing system deficiencies and aging infrastructure. The scope of these projects is clearly defined and the design work can be performed within a reasonable time period by existing engineering staff and consultants. The following graph shows the distribution of the 2013-2018 budgets among the utility program funds.

2013-2018 CITY UTILITIES PROGRAM
Total Programming by Fund (in 000s)
\$354,277



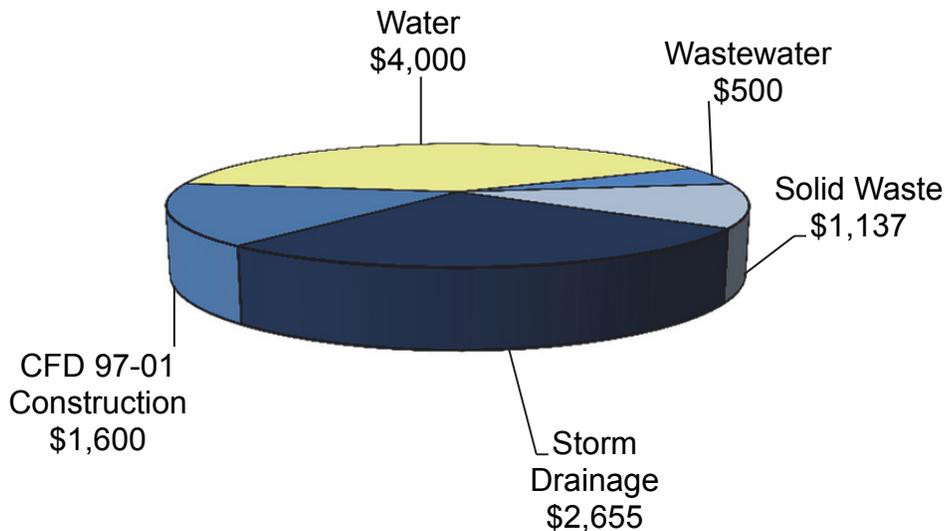
Utilities CIP Funding Needs for FY2013/14 Through FY2017/18

The overall costs to fulfill the City's needs in critical utility infrastructure improvements, rehabilitation, and replacements total approximately \$354.3 million for the five-year period. Critical utility infrastructure projects include replacement and rehabilitation of infrastructure that has already failed and/or is at or near the end of its useful life, and projects to meet regulatory and legislative requirements. If funding is approved for FY2013/14, there will be 126 active parent projects/programs and a cumulative budget of \$200.3 million in the CIP.

The water, wastewater, and storm drainage projects have been selected in accordance with the prioritization process described at the beginning of this section. Some of the major projects include: the continued improvements and rehabilitation of the CSS as mandated by the National Pollutant Discharge Elimination (NPDES) permit and outlined in the CSS Improvement Plan which began in 1995 and is projected to cost approximately \$8-10 million per year; the Residential Water Meter Program (Z14010000) which is projected to cost approximately \$133.4 million in the five-year period; and the rehabilitation of the Fairbairn Water Treatment Plant (Z14130200) which is projected to cost approximately \$33.1 million in the five-year period.

The following graph shows the City Utilities Program by fund in FY2013/14.

FY2013/14 CITY UTILITIES PROGRAM
Total Programming by Fund (in 000s)
\$9,892



The FY2013/14 Utilities CIP budget totals \$9.9 million. This program budget reflects additional appropriations to existing projects and new projects created in FY2013/14. This CIP budget includes projects reflecting the DOU's Water and Wastewater Program (Program). The Program is a 30-year look at the infrastructure needs of the water and wastewater systems that includes a five-year project specific plan. The five-year plan uses a mix of bond and cash financing that allows the City to invest in its infrastructure and meet regulatory requirements while smoothing rate increases and avoiding rate spikes for utility customers. There was a significant appropriation to this program in FY2012/13, due to the issuance of bonds. The City's Water Revenue Bonds, in the amount of \$215,195,000, were approved for issuance by the City Council in February 2013. The City's Wastewater Revenue Bonds, in the amount of \$30,855,000, were approved for issuance by the City Council in June 2013. Proceeds from the sale of these bonds were appropriated to projects in FY2012/13. The five-year program reflects a continuation of the program with another major appropriation anticipated in FY2015/16. Funding for the final three years of this plan will require subsequent approval from City Council.

MAJOR FUNDING SOURCES**Community Facilities District (CFD) 97-01 (Funds 3333)****Overview**

The CFD 97-01 levies taxes to fund drainage improvements within their district. Revenues are used to pay for debt service, administrative obligations, and pay-as-you-go construction.

Program Goals

DOU established the following goal for implementation of the CFD 97-01 CIP:

- Mitigate the impact of additional storm water runoff in North Natomas and the existing Reclamation District No. 1000 drainage system created by development in North Natomas.

Project Selection Criteria

DOU adopted the following criteria for initiating a CIP project in the CFD 97-01:

- Levee, canal, basin, and pump station improvements described in the North Natomas Comprehensive Drainage Plan.

Summary of Project Types and Funding Distribution

Type of Project	Number of Projects	FY2013/14 Funding
Basin Improvement	1	1,600,000
TOTAL	1	\$1,600,000

Major Projects

Funding will be appropriated to the CFD 97-01 Improvements – Assessment District Basin 141 Improvement Project (W14140100). Assessment District Basin 141 Improvements (W14140100) will fund pipeline improvements identified by the basin's master plan, and improvements to the basin's pump station to improve reliability.

Water (Fund 6005)**Overview**

The Water Fund is an enterprise fund which supports both the capital and operating costs of providing potable water throughout the City, including production, treatment, storage, and distribution systems. Revenues are generated primarily from user fees.

The focus of the Water CIP over the next five years will be on rehabilitating or replacing critical infrastructure, including the water treatment plants, and continuing the City's water meter retrofit program. The City's Water Distribution System and Supply Master Plan reflects the future growth within the proposed Sphere of Influence, wholesaling surface water to districts within the City's place of use, and expanding the City's surface water treatment capacity.

Program Goals

DOU established the following goals for implementation of the Water Fund CIP:

- Provide a reliable supply of high quality drinking water to city residents and businesses;
- Ensure that water production and treatment complies with all state and federal regulations;
- Ensure that expansion of the water treatment plant capacity, storage, and distribution systems meets present and future needs and conforms to the City's 2030 General Plan;
- Upgrade or replace existing water treatment, storage, and distribution systems in conformance with water system master plans; and
- Increase reliability and reduce maintenance costs by upgrading or replacing inadequate or deteriorated systems.

Project Selection Criteria

DOU adopted the following criteria for initiating a CIP project in the Water Fund:

- Required by health, safety, legislative or regulatory requirement;
- Reduce maintenance costs;
- Maintain existing facilities;
- Replace existing facilities;
- Meet demands of increased growth; and
- Costs offset by grants or other revenue.

DOU directs its resources to those projects most cost-beneficial to the residents and businesses of the City by measuring any approved project against these criteria.

Summary of Project Types and Funding Distribution

Type of Project	Number of Projects	FY2013/14 Funding
Distribution	1	250,000
Planning	4	1,597,416
Production/Distribution	1	150,000
Residential Metering	1	1,217,584
System Maintenance	2	510,000
Water Quality	2	275,000
TOTAL	11	\$4,000,000

Major Projects

The largest water project or program for FY2013/14 is listed below.

- Residential Water Meter Program (Z14010000): State law requires that the City install meters on all residential water services by 2025. This project will utilize a phased approach to implement and comply with this continuing program. The water funds will also provide any necessary matching or supplementary funding for grants that DOU is actively pursuing. To the extent that the City continues to apply for and receive grants, the costs of the program to the ratepayers will be reduced.

Asset Management

The need to renew areas of the water system due to age and deterioration is of great importance to the City in order to maintain a reliable and high quality water supply. The City's infrastructure, including many of the larger water mains located in the downtown area, are at or nearing the end of their useful life. The aging water system that includes pipelines, services, reservoirs, wells, and treatment plants is becoming more difficult to maintain as the infrastructure ages. As a result, the City is utilizing an asset management process for its CIP to systematically prioritize and rank its rehabilitation and replacement needs ensuring long-term sustainability of the water system infrastructure as well as its ability to deliver the required level of service perpetually.

While the City faces many challenges ahead, asset management programs with long-range planning, life-cycle costing, proactive operations and maintenance, long-term funding strategies, and capital replacement plans based on cost-benefit analysis can be the most efficient method of meeting this challenge.

Master Planning

The master planning goal of DOU is to provide a healthy, reliable water system that will meet the needs of a growing community and satisfy all state and federal regulations. Meeting this goal requires improvement of existing facilities and development of new facilities. The improvements and new facilities will be designed according to the following specific criteria:

- During maximum water demand days at peak hours, the operating or "residual" pressure at all water connections will be at least 30 pounds per square inch (psi);
- During a maximum water demand day, considering the maximum day demand plus fire flow, the operating or "residual" pressure available in the area for fire protection will not be less than 20 psi;
- All federal and state drinking water regulations will be met; and
- Within the water system, there will be a minimum storage volume equal to 20 percent of the discharge on a day of maximum water demand.

In an attempt to attain these water system goals, the City is currently updating its Water Distribution System and Supply Master Plan to assist in planning, financing, constructing, and operating the water distribution system. The distribution system network will be analyzed to identify existing system deficiencies and determine future distribution requirements. Future capital improvements, such as water supply, treatment facilities, transmission mains, or storage reservoirs, will also be mapped and prioritized.

The City is actively involved in the Regional Water Authority, Sacramento Groundwater Authority, Sacramento Central Groundwater Authority, and Water Forum Successor Effort. The City has participated for more than eighteen years in the Sacramento Water Forum to develop a plan to provide a reliable and safe water supply for the region's economic health and planned development through the year 2030, and to preserve the fishery, wildlife, recreational, and aesthetic values of the Lower American River. This effort resulted in the adoption of the Water Forum Agreement by the Mayor and City Council in November 1999. The approved CIP reflects elements necessary to support the Water Forum Agreement.

Water Issues

The City must continue to expand its water diversion and treatment capacity to meet regulatory requirements and increased future demands projected to occur within the City's sphere of influence and authorized place of use. Additional demand for treated water outside the City's authorized place of use will also be generated as a result of existing and future wholesale and wheeling agreements. The five-year program as shown reflects the commitment of DOU and the City to meeting the requirements of completing the Residential Water Meter Program (Z14010000) by 2025.

Wastewater (Fund 6006)**Overview**

The Wastewater Fund is an enterprise fund which provides for the maintenance, repair, and replacement of facilities for collecting, conveying, and pumping sanitary and combined sewage to the interceptor sewers of the Sacramento Regional County Sanitation District. User fees finance both operating costs and capital improvements.

The increasing age of the wastewater infrastructure, especially in the combined system, and complying with state and federal regulatory requirements remains a focus of the Wastewater Fund's CIP. The restrictions on raising drainage rates, due to the passage of Proposition 218, is a factor that increases the pressure on the Wastewater Fund since, in the past, all combined system projects were partially funded by the Storm Drainage Fund. Since most of the combined system infrastructure is original, some more than 100 years old, its performance and reliability have been reduced due to wear and tear, thereby increasing the amount of maintenance needed. Other portions of the wastewater system, particularly areas of North Sacramento, also require increasing amounts of rehabilitation due to age. In the Pocket Area and other low lying regions, infiltration and inflow of rainfall and groundwater into the wastewater pipes cause excess flows in the pipes and is another focus of concern. There are now state regulations, imposed by the State Water Resources Control Board, which require the City to implement a sanitary sewer management program that requires system capacity analysis, greater closed circuit television inspection, elimination of sanitary wastewater overflows, and rehabilitation of the separated sewer system. Additionally, the City is required to comply with the terms of a consent decree imposed as a result of a lawsuit filed by the California Sportsfishing Protection Alliance (CSPA).

Program Goals

DOU established the following goals for implementation of the Wastewater Fund CIP:

- Provide for the safe and reliable collection and conveyance of wastewater;
- Ensure that the wastewater collection and conveyance systems comply with all state and federal regulations;

- Ensure that the separated wastewater collection and conveyance system complies with the CSPA consent decree;
- Ensure that expansion and extension of the wastewater collection and pumping systems conform to the City's 2030 General Plan;
- Upgrade or replace existing wastewater collection and pumping systems in conformance with wastewater system master plans; and
- Increase reliability and reduce maintenance costs by upgrading or replacing inadequate or deteriorated systems.

Project Selection Criteria

DOU adopted the following criteria for initiating a CIP project in the Wastewater Fund:

- Be required by health, safety, or regulatory requirement;
- Reduce maintenance costs;
- Improve reliability and reduce service interruptions and sanitary wastewater overflows;
- Reduce outflows and flooding in the combined system;
- Replace existing facilities;
- Meet demands of increased growth; and
- Offset costs by grants or other revenue.

DOU directs its resources to those projects most cost-beneficial to city residents and businesses by measuring any approved project against these criteria.

Summary of Project Types and Funding Distribution

Type of Project	Number of Projects	FY2013/14 Funding
Operations & Maintenance Support	4	371,453
Planning	2	128,547
TOTAL	6	\$500,000

Major Projects

The two major projects receiving new or additional funding in FY2013/14 are listed below.

- The Miscellaneous Wastewater Repairs Program (X14120300) is a program to protect public health by ensuring the continuing function of the sewer collection system and to supplement staff in responding to failures in the system.
- The On-call Wastewater Pipe Cleaning & CCTV Program (X14120400) is a program to enhance the scoping and evaluation of potential CIPs by inspecting pipes of interest, and perform additional CCTV inspection of pipes under design.

Asset Management

As infrastructure assets continue to age and deteriorate, the need to restore parts of the wastewater system is more important. Much of the city, especially in the combined system, is served by a wastewater infrastructure that is beyond its useful life. Aging wastewater system components such as pipelines, wastewater services, and electrical equipment are more difficult to maintain than newer infrastructure, and the level of service provided by these components becomes less reliable. As a result, the City is utilizing an asset management process for its capital improvement program to systematically prioritize and rank its rehabilitation and replacement needs ensuring long-term sustainability of the wastewater system infrastructure and its ability to deliver the required level of service continuously.

While the City faces many challenges ahead, asset management programs with long-range planning, life-cycle costing, proactive operations and maintenance, long-term funding strategies, and capital replacement plans based on cost-benefit analysis can be the most efficient method of meeting this challenge.

Master Planning

Master planning studies are typically done for individual wastewater basins in order to:

- Identify hydraulic deficiencies,
- Prioritize rehabilitation and replacement needs, and
- Address pressures on the system from proposed development.

Master planning typically includes a computerized hydraulic model, field surveys, and flow monitoring. Master planning also identifies new facilities and mitigation required by development projects that add flows to the system. The master planning goal of DOU is to provide a reliable wastewater collection system that will meet the needs of the community, prevent sanitary wastewater overflows, and meet adopted standards of keeping wastewater pipes from surcharging and keeping combined system flows from surcharging above the curb for a 10-year storm. Meeting this goal will require rehabilitation and improvements to existing facilities, and development of new facilities that will be designed to handle both the peak sewage flows as well as infiltration flows. Flow monitoring is done to measure flows at critical locations in pipes and to establish rainfall to infiltration/inflow (I to I) relationships. Observation of the system by closed circuit television of the pipes and direct visual inspection of manholes is also used to identify defects and relative quantity of non-sewage water in the pipes.

The current budget includes funding to address continued requirements to perform flow monitoring to support ongoing master planning in both the CSS and separated systems.

Wastewater Issues**CSS Projects**

The City's CSS is the portion of the City's wastewater system that conveys both sanitary sewage and storm water in the same pipelines. The CSS encompasses approximately 7,500 acres of the Downtown, East Sacramento, and Land Park areas. An additional area of approximately 3,700 acres encompassing portions of Downtown, the River Park, California State University, and far eastern Sacramento areas contribute only sanitary sewage flows to the CSS. In 1946, the City discontinued the practice of building combined sewers except for infill development within the existing combined system.

The City initiated a comprehensive CSS Improvement Plan in July 1995 after extensive studies, which were instigated subsequent to a Cease and Desist Order issued to the City in June 1990. The Cease and Desist Order required the City to eliminate outflows to the city streets and non-permitted combined sewer overflows (CSOs) to the Sacramento River from the CSS. To satisfy the Cease and Desist Order, the City submitted to the Regional Water Quality Control Board (RWQCB) in July 1995 a CSS Improvement Plan that would reduce outflows and flooding throughout the CSS service area and reduce CSOs to the Sacramento River.

The initial phase of the CSS Improvement Plan is substantially complete and has cost approximately \$135 million. Most of the large projects have been completed, including: Sump 2 Improvement, Sump 1/1A and Pioneer Reservoir Improvements, 42nd Street Storage, U.C. Davis Medical Center, Tahoe Broadway Parallel Sewer, Land Park Relief, and others. Planning efforts, preliminary engineering work, or final designs are underway for the following improvements to the CSS:

- Underground storage in the Curtis Park area;
- Underground storage or other improvements in the 65th Street and Oak Park areas;
- Rehabilitation of various portions of the collection system; and
- Construction of a network of CSS interceptors in the downtown area, primarily on 5th Street, 7th Street, S Street, and L Street.

City staff regularly applies for and obtains grant funding and low interest loans that provide a secondary source of funds for projects. DOU has received confirmation of grant funding through the Proposition 1E Stormwater Flood Management Control Grant totaling \$6.2 million to be applied to projects within the CSS. Recently a consultant completed a modernization of the computerized hydraulic model, which allows staff to more closely simulate actual performance of the system. Underway is an update to the CSS Improvement Plan that will identify the next most cost effective projects to reduce CSS outflows toward the permit-required goal of achieving five- and ten-year protection.

Infiltration and Inflow

More focused planning and design efforts continue in an ongoing effort to reduce infiltration and inflow, especially in low-lying areas close to the Sacramento River. These planning efforts include flow monitoring and visual inspection of manholes. As a member of the Sacramento County Regional Sanitation District, the City is cooperating in a regional effort to reduce infrastructure and inflow in order to reduce the need for the District to construct more interceptors and treatment capacity.

Solid Waste (Fund 6007)

Overview

The Solid Waste Fund is an enterprise fund which is financially responsible for garbage, recycling, and yard waste collection, sweeping streets, removing illegal dumping, mandated post closure monitoring of landfills, and related capital improvements projects. Revenues are generated from fees charged for service. Solid Waste funds are also used to finance landfill site post-closure expenses including the Landfill Site Closure Program (Y14000100), as required by California law.

Program Goals

The Recycle and Solid Waste Division established the following goals for implementation of the Solid Waste Fund CIP:

- Provide for safe and environmentally sound landfill closure and maintenance including groundwater remediation, landfill gas control, and landfill maintenance, as required by California law; and
- Provide funding for the rehabilitation and repair of Solid Waste-owned facilities.

Project Selection Criteria

The Recycling and Solid Waste Division adopted the following criteria for initiating a CIP in the Solid Waste Fund:

- Activity required by state and federal law;
- Activity to reduce ongoing facility operations and maintenance costs; and
- Offset by user fees.

Summary of Project Types and Funding Distribution

Type of Project	Number of Projects	FY2013/14 Funding
Facilities	1	900,000
Landfill	2	237,000
TOTAL	3	\$1,137,000

Major Projects

The main Solid Waste project receiving new or additional funding in FY2013/14 is:

- The Solid Waste Facility Repair & Rehabilitation Program (Y14000900) will facilitate the construction of a new Liquefied Natural Gas (LNG) fueling station at the Meadowview City Service Center to provide greater fueling capacity for the City's greener fleet of refuse trucks.

Storm Drainage (Fund 6011)**Overview**

The Storm Drainage Fund is an enterprise fund which supports the operations, maintenance, repair, and rehabilitation of the storm drainage system. This system consists of in-ground pipes, approximately 100 storm drainage pumping stations, ditches, channels, and secondary levees. Revenues are generated primarily from user rate fees.

Since the passage of Proposition 218 in 1996, which requires that drainage rate increases be approved by a vote of the property owners, drainage rates have been frozen and the storm drainage system has seen a significant drop in its CIP. Rising operation, maintenance, and regulatory compliance costs now consume almost all of the storm drainage fund revenues. Meanwhile, the storm drainage infrastructure

continues to age, and many areas of the city are served by storm drainage infrastructure that does not meet level of service goals.

Program Goals

DOU established the following goals for implementation of the Storm Drainage Fund CIP:

- Provide for the safe and reliable collection and conveyance of storm water runoff;
- Provide approved levels of service by preventing streets from flooding higher than the top of the curb during 10-year return storms, and preventing flooding of structures during 100-year return storms at complete build out in each drainage basin;
- Ensure the storm drainage collection system complies with all government regulations;
- Ensure that expansion of the storm drainage collection and pumping systems conforms to the City's 2030 General Plan;
- Upgrade or replace existing storm drainage collection and pumping systems in conformance with storm drainage master plans; and
- Increase reliability and reduce maintenance costs by upgrading or replacing inadequate or deteriorated systems.

Project Selection Criteria

DOU adopted the following criteria for initiating a capital improvement project in the Storm Drainage Fund:

- Required by health, safety, or regulatory requirement;
- Maintain existing facilities;
- Replace existing facilities;
- Meet demands of increased growth; and
- Costs offset by grants or other revenue.

DOU directs the City's resources to those projects most cost-beneficial to the residents and businesses in the city by measuring any approved project against these criteria.

Summary of Project Types and Funding Distribution

Type of Project	Number of Projects	FY2013/14 Funding
Maintenance	3	550,000
Planning	4	1,129,500
Regulatory	1	975,000
TOTAL	8	\$2,654,500

Major Projects

The main Storm Drainage project receiving new or additional funding in FY2013/14 is:

- The Drainage Plant Regulatory Improvement Program (W14130800) will facilitate a generator program to replace (upgrade) the generator fleet to meet new air quality standards and to provide secondary power to Sump 99.

The Storm Drainage Fund also supports the Sewer CSS Capital Reserve Program (X14010000), which is the parent project for the improvements of the City's CSS. As described in detail in the Wastewater (Fund 6006) section, CSS is the portion of the City's sewer system that conveys both sanitary wastewater and storm water in the same pipelines.

Asset Management

To effectively and efficiently allocate potential drainage funding and to better understand the specific rehabilitation and replacement needs, the City is utilizing an asset management process for its CIP. This year, DOU will fund small projects to accelerate the continued development of this asset management system.

Master Planning

As mentioned above, one of the goals of the Storm Drainage Fund CIP is to improve the system so that it will provide the 10- and 100-year storm event levels of service adopted by City Council. This includes keeping the 10-year water surface below the top of the curb and the 100-year water surface below the first floor of any structure. All new development drainage facilities are designed so that the 10-year water surface will be 6 inches below the drainage inlets and the 100-year water surface will be 12 inches below the first floor of any structure.

Existing areas with inadequate drainage systems are subject to inundated streets, homes, or garages. In some cases, homes have been flooded due to loss of electrical power, resulting in pump stations shutting down. Master planning identifies critical improvements to respond to these system deficiencies in a cohesive, cost effective, organized manner. Past planning efforts of DOU for the storm drainage CIP have been detailed in the "Utility Infrastructure Report," November 1995, presented to the City Council in January 1996 and updated in January 2006.

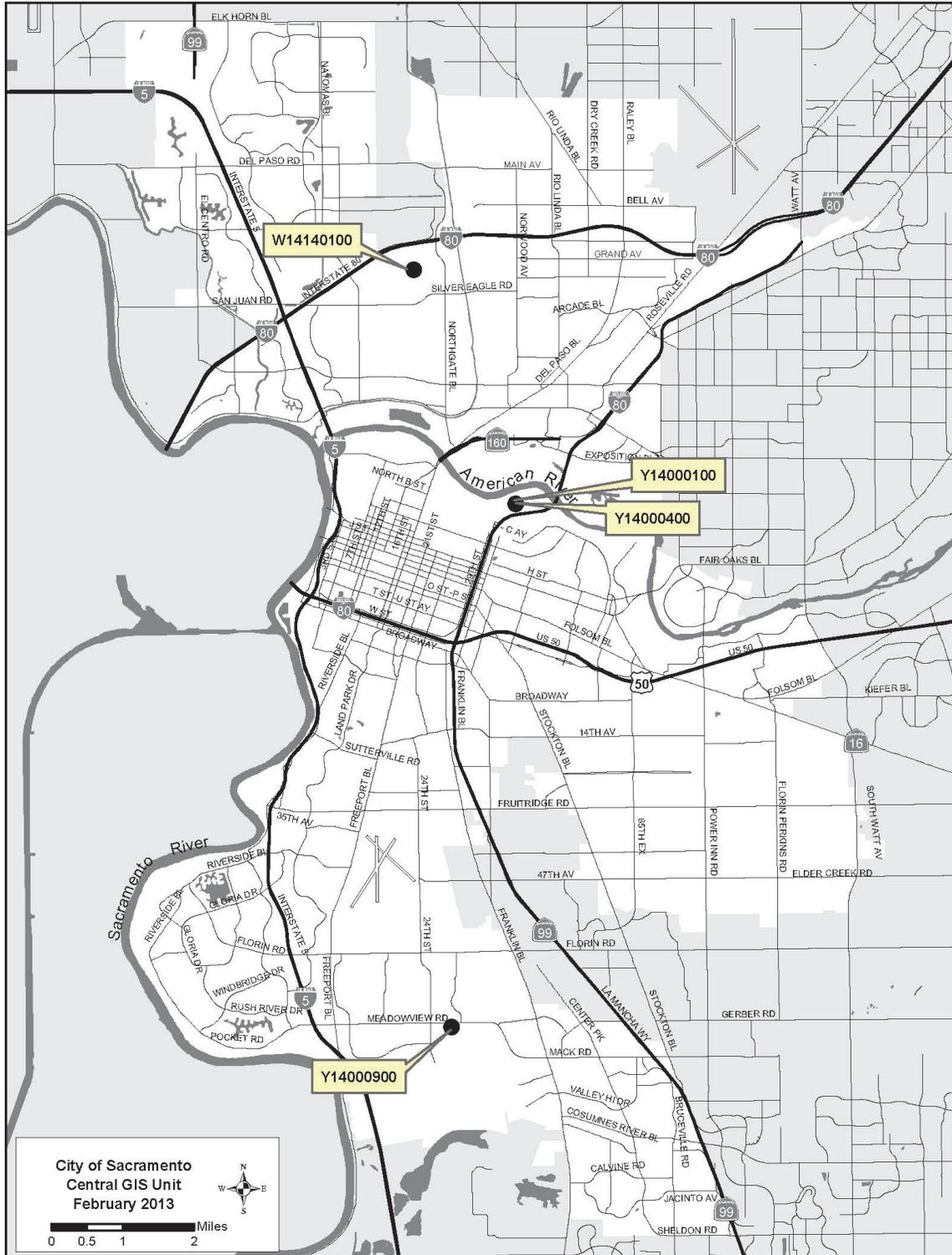
Nearly all master plans have been completed for all the A (highest) priority basins. A number of master plans have been completed for B (medium) priority and C (low) priority basins where problem areas have been identified based on flooding and subsequent analysis. North Sacramento, Hollywood Park, Franklin Boulevard, River Park, Valley Hi, Hagginwood, Woodlake/Ben Ali, 65th Street, Colonial Village, McClellan Heights, Campus Commons, Golf Course Terrace, Robla, Del Paso Heights, Strawberry Manor, and other areas have been the subjects of master planning efforts which have identified and prioritized needed improvements, including detention facilities, increased pump station capabilities, and larger pipes. However, due to lack of funding these prioritized improvements will be postponed until funding for design and construction becomes available.

Drainage System CIP Backlog

Drainage basin master planning has identified the need for a significant expenditure on drainage system capital improvements over the coming years. DOU has developed a 30-year drainage CIP program that proposes to spend almost \$650 million on the system over the next 30 years to rehabilitate aging infrastructure and to improve the system to meet the 10- and 100-year levels of service.

To begin the process of addressing the backlog, DOU will work closely with the community, Utilities Rate Advisory Commission and the City Council to develop a near-term Storm Drainage Infrastructure Program and financing plan. As drainage rate increases are voter approved, the Storm Drainage Infrastructure Program and a financing plan will be brought forward for a vote of the property owners.

FY2013/14 Capital Projects
Non-site specific or multi-site projects are not shown



Note: Details for the project numbers listed on the map above are provided in alphabetical project order on the following pages.

City of Sacramento
Capital Improvement Program

W14000200

Project Name BASE CIP RESERVE PROGRAM - DRAINAGE

Project Description Reserve Storm Drainage Funds for unforeseen CIP needs.

Project Objectives Facilitate completion of capital projects by reserving appropriations for minor overruns and provide a source of funds for small projects that could not be anticipated before the start of the fiscal year.

Existing Situation It is prudent to maintain a capital program reserve, renewed annually as needed, as a source of funding should the need arise to provide additional funding for an existing project due to previously unforeseen conditions.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6011	STORM DRAINAGE	\$286,360	\$212,853	\$109,500	\$250,000	\$250,000	\$250,000	\$250,000
	Total	\$286,360	\$212,853	\$109,500	\$250,000	\$250,000	\$250,000	\$250,000
	2013 - 2018 Funding	\$1,109,500						
	Est. Project Cost	\$1,395,860						
	FY2013/14 Funding	\$109,500						
	Prior Year Expenditures	\$73,507						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Bill Busath

City of Sacramento Capital Improvement Program

W14004200

Project Name **INVENTORY & O&M MANAGEMENT CENTER**

Project Description Remodel an existing warehouse facility into a machine shop and construct a new warehouse facility to responsibly store inventory and operations and maintenance (O&M) equipment.

Project Objectives In response to a recent audit of our facilities, the Department of Utilities (DOU) is required to store equipment and supplies in a responsible and accountable manner. Improper warehousing facilities were identified as part of the audit and this project will allow the DOU to become compliant with the audit.

Existing Situation Many large parts and supplies are stored outdoors and are only secured by fencing, leaving the City at risk for theft and/or vandalism. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

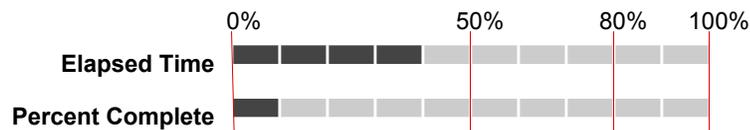
Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$850,000	\$844,325	\$0	\$0	\$0	\$0	\$0
6006	WASTEWATER	\$213,155	\$212,143	\$0	\$0	\$0	\$0	\$0
6011	STORM DRAINAGE	\$383,678	\$191,555	\$250,000	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Total		\$1,946,833	\$1,748,023	\$250,000	\$0	\$0	\$0	\$0

2013 - 2018 Funding \$250,000
Est. Project Cost \$2,196,833
FY2013/14 Funding \$250,000
Prior Year Expenditures \$198,810

Project Start Date July 2012

Est. Complete Date December 2014



Council District All

Plan Area

Project Location Citywide

Project Manager Utilities

City of Sacramento
Capital Improvement Program

W14130100

Project Name DRAINAGE UNPLANNED REPAIRS PROGRAM

Project Description Provide funds for unforeseen needs for drainage additions or replacements in various locations throughout the City. The scope of work will not exceed \$50,000 per location.

Project Objectives Ensure public health and safety by providing resources to promptly respond to the need for small CIPs in the drainage collection system.

Existing Situation During the year, it may become necessary to resolve an unanticipated failure in the storm drainage collection system in this project with a cost that does not exceed \$50,000. Any unobligated funding at the end of the fiscal year will be defunded.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6011	STORM DRAINAGE	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0
	Total	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0
	2013 - 2018 Funding	\$250,000						
	Est. Project Cost	\$500,000						
	FY2013/14 Funding	\$250,000						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

W14130200

Project Name **DRAINAGE PLANNING PROGRAM**

Project Description Provide funding for a master plan for the drainage basins and condition assessments.

Project Objectives Create master plans for existing basins and perform condition assessments.

Existing Situation This planning is necessary in order to evaluate and establish the improvements needed to conform to current City standards and condition assessments.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6011	STORM DRAINAGE	\$250,000	\$250,000	\$520,000	\$0	\$0	\$0	\$0
	Total	\$250,000	\$250,000	\$520,000	\$0	\$0	\$0	\$0
	2013 - 2018 Funding	\$520,000						
	Est. Project Cost	\$770,000						
	FY2013/14 Funding	\$520,000						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

W14130400

Project Name **DRAINAGE CHANNEL IMPROVEMENTS PROGRAM**

Project Description Provide channel improvements for the City's drainage system.

Project Objectives Provide flood control protection through channel improvements to the drainage system.

Existing Situation Many of the city's channels require improvements due to sloughing and liner failure.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6011	STORM DRAINAGE	\$1,900,000	\$148,824	\$250,000	\$0	\$0	\$0	\$0
	Total	\$1,900,000	\$148,824	\$250,000	\$0	\$0	\$0	\$0

2013 - 2018 Funding \$250,000
Est. Project Cost \$2,150,000
FY2013/14 Funding \$250,000
Prior Year Expenditures \$1,751,176

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

W14130800

Project Name **DRAINAGE PLANT REGULATORY IMPROVEMENT PROGRAM**

Project Description Address regular issues such as generator replacement due to air quality standards and plant improvements to comply with the Americans with Disabilities Act (ADA) regulations.

Project Objectives Ensure public health and safety by complying with regulatory requirements.

Existing Situation The Department of Utilities must replace portable generators to comply with air quality control permits. Also plant improvements are necessary to comply with homeland security and ADA regulations.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6011	STORM DRAINAGE	\$300,000	\$300,000	\$975,000	\$0	\$0	\$0	\$0
	Total	\$300,000	\$300,000	\$975,000	\$0	\$0	\$0	\$0
	2013 - 2018 Funding	\$975,000						
	Est. Project Cost	\$1,275,000						
	FY2013/14 Funding	\$975,000						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento Capital Improvement Program

W14140100

Project Name ASSESSMENT DISTRICT BASIN 141 IMPROVEMENTS

Project Description Improve pipe capacity at various locations in Drainage Basin 141 and improve the basin pump station's operational reliability.

Project Objectives Reduce flooding by meeting the goal of preventing flood depths greater than the curb height for a storm with a 10% chance of occurring every year. Prevent property damage from a storm with a 1% chance of occurring every year.

Existing Situation The current master plan for Basin 141 shows that sections of the pipe infrastructure lack the needed conveyance capacity needed to meet the flood reduction goals and Sump 141 needs improvements to improve operational reliability.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
3333	CFD 97-01 CONSTRUCTION	\$0	\$0	\$1,600,000	\$0	\$0	\$0	\$0
6011	STORM DRAINAGE	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0
Total		\$0	\$0	\$1,650,000	\$0	\$0	\$0	\$0

2013 - 2018 Funding \$1,650,000

Est. Project Cost \$1,650,000

FY2013/14 Funding \$1,650,000

Prior Year Expenditures \$0

Project Start Date July 2013

Est. Complete Date January 2015



Council District 3

Plan Area

Project Location 929 Elmridge Way

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14000100

Project Name **WASTEWATER SYSTEM REHABILITATION PROGRAM**

Project Description Provide funds for unforeseen needs for wastewater additions or replacements in various locations throughout the City.

Project Objectives Augment project budgets for small scale rehabilitation projects for unforeseen wastewater problem.

Existing Situation During the year, it may become necessary to resolve an unanticipated failure in the wastewater collection system.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$1,435,482	\$0	\$23,305	\$83,154	\$75,000	\$75,000	\$75,000
	Total	\$1,435,482	\$0	\$23,305	\$83,154	\$75,000	\$75,000	\$75,000

2013 - 2018 Funding \$331,459
Est. Project Cost \$1,766,941
FY2013/14 Funding \$23,305
Prior Year Expenditures \$1,435,482

Council District All

Plan Area

Project Location Various

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14000500

Project Name **BASE CIP RESERVE PROGRAM - WASTEWATER**

Project Description Reserve wastewater funds for unforeseen capital program needs. Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Facilitate the completion of capital projects by reserving appropriations for minor overruns, and provide a source of funds for small projects that could not be anticipated before the start of the fiscal year.

Existing Situation It is prudent to maintain a capital program reserve, renewed annually as needed, as a source of funding should the need arise to provide additional funding for an existing project due to unforeseen conditions. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$101,454	\$84,454	\$0	\$380,472	\$1,403,800	\$2,386,500	\$4,491,000
6320	WASTEWATER REVENUE BONDS	\$1,431,649	\$1,431,649	\$0	\$0	\$2,927,517	\$0	\$0
	Total	\$1,533,103	\$1,516,103	\$0	\$380,472	\$4,331,317	\$2,386,500	\$4,491,000

2013 - 2018 Funding \$11,589,289
Est. Project Cost \$13,122,392
FY2013/14 Funding \$0
Prior Year Expenditures \$17,000

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14002500

Project Name **WASTEWATER ASSET MANAGEMENT PROGRAM**

Project Description Continue to collect and analyze data regarding the age and condition of wastewater infrastructure.

Project Objectives Determine the age and overall condition of all wastewater pipes and pump stations in order to prioritize upcoming projects and to assess short and long-term funding needs for wastewater infrastructure.

Existing Situation Precise information is not readily available for assessment and analysis.

Operating Budget Impact None

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$181,523	\$8,007	\$74,986	\$77,610	\$100,000	\$100,000	\$100,000
6011	STORM DRAINAGE	\$15,366	\$4,923	\$0	\$0	\$0	\$0	\$0
	Total	\$196,889	\$12,929	\$74,986	\$77,610	\$100,000	\$100,000	\$100,000

2013 - 2018 Funding	\$452,596
Est. Project Cost	\$649,485
FY2013/14 Funding	\$74,986
Prior Year Expenditures	\$183,960

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities

City of Sacramento
Capital Improvement Program

X14010000

Project Name **WASTEWATER CSS CAPITAL RESERVE PROGRAM**

Project Description Upgrade combined sewer system (CSS). This project acts as the reserve fund for Utilities' Clean Water State Revolving Fund (CWSRF) loans and consists of: planning efforts to determine the best approach; replacing and rehabilitate defective pipe, pumps, and infrastructure; and improving the system. Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Improve reliability, reduce CSS overflows to river, reduce surcharging of wastewater to streets and properties during storms, and comply with National Pollutant Discharge Elimination System (NPDES) permit by the U.S. Environmental Protection Agency.

Existing Situation This project provides the reserve fund required for the CWSRF loans (Resolution 98-023). The CWSRF loans are as follows: (1) U.C. Medical Center Regulation Storage Project, Loan C-06-4652-110; (2) Land Park Sewer Relief Project, Loan C-06-4685-110; (3) Sump 1/1A Project, Loan C-06-4441-110; (4) Sump 2/2A Improvement Project, Loan C-06-4441-120; and (5) Tahoe Park/Broadway Parallel Sewer Project, Loan C-06-4653-110. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$508,150	\$450,020	\$80,342	\$83,154	\$75,000	\$1,893,500	\$75,000
6011	STORM DRAINAGE	\$33,025	\$32,965	\$0	\$0	\$0	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$14,787,441	\$14,787,441	\$0	\$0	\$29,353,749	\$0	\$0
	Total	\$15,328,616	\$15,270,426	\$80,342	\$83,154	\$29,428,749	\$1,893,500	\$75,000

2013 - 2018 Funding \$31,560,745
Est. Project Cost \$46,889,361
FY2013/14 Funding \$80,342
Prior Year Expenditures \$58,190

Council District 3, 4, 5, 6

Plan Area

Project Location Combined Sewer System

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14110400

Project Name **WASTEWATER MANHOLE REHABILITATION/REPLACEMENT PROGRAM**

Project Description Reconstruct existing deteriorated or substandard manholes and construct new manholes where access to wastewater mains is difficult.

Project Objectives Ensure the capability of existing manholes to convey wastewater and ensure adequate access for maintenance.

Existing Situation Some manholes have deteriorated due to age and wear or were constructed to obsolete standards. Others do not exist in streets, but rather in backyards which are difficult to access using maintenance equipment. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$200,000	\$29,677	\$53,561	\$55,436	\$50,000	\$50,000	\$50,000
6320	WASTEWATER REVENUE BONDS	\$108,997	\$108,997	\$0	\$0	\$0	\$0	\$0
	Total	\$308,997	\$138,674	\$53,561	\$55,436	\$50,000	\$50,000	\$50,000

2013 - 2018 Funding	\$258,997
Est. Project Cost	\$567,994
FY2013/14 Funding	\$53,561
Prior Year Expenditures	\$170,323

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento Capital Improvement Program

X14120200

Project Name FLOW MONITORING/HYDROLOGY

Project Description Install flow monitoring equipment to monitor and interpret flow quantities in the wastewater system.

Project Objectives Measure and interpret wastewater flows for planning, modeling, and design of the wastewater and combined systems and aid in the design of individual projects.

Existing Situation Without accurate flow data, staff cannot measure improvements, evaluate performance of system during storms, and determine priorities where future projects are needed. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

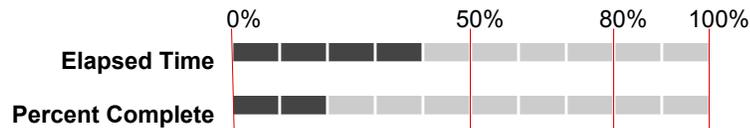
Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$75,000	\$7,899	\$0	\$110,872	\$100,000	\$100,000	\$100,000
6011	STORM DRAINAGE	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$107,123	\$107,123	\$0	\$0	\$0	\$0	\$0
Total		\$307,123	\$115,022	\$0	\$110,872	\$100,000	\$100,000	\$100,000

2013 - 2018 Funding \$410,872
Est. Project Cost \$717,995
FY2013/14 Funding \$0
Prior Year Expenditures \$192,101

Project Start Date July 2011

Est. Complete Date January 2016



Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14120300

Project Name MISCELLANEOUS WASTEWATER REPAIRS PROGRAM

Project Description Contract to perform repairs on portions of wastewater collection system that cannot be done by Department of Utilities crews.

Project Objectives Protect public health by ensuring the continuing function of the wastewater collection system and supplementing staff in responding to failures in the system.

Existing Situation Department of Utilities staff are backlogged on identified repair projects and need assistance by contracting out for portions of their work.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$170,000	\$55,713	\$107,123	\$110,872	\$100,000	\$100,000	\$100,000
	Total	\$170,000	\$55,713	\$107,123	\$110,872	\$100,000	\$100,000	\$100,000

2013 - 2018 Funding \$517,995
Est. Project Cost \$687,995
FY2013/14 Funding \$107,123
Prior Year Expenditures \$114,287

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

**City of Sacramento
Capital Improvement Program**

X14120400

Project Name **ON-CALL WASTEWATER PIPE CLEANING & CCTV PROGRAM**

Project Description Contract to clean and inspect pipe using closed circuit television (CCTV) cameras under the direction of the Engineering Division.

Project Objectives Enhance the scoping and evaluation of potential CIPs by inspecting pipes of interest, and perform additional CCTV inspection of pipes under design.

Existing Situation Field Division camera crews cannot keep up with the inspection demands of the Department of Utilities. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$100,000	\$97,863	\$107,123	\$110,872	\$100,000	\$100,000	\$100,000
6320	WASTEWATER REVENUE BONDS	\$107,123	\$107,123	\$0	\$0	\$0	\$0	\$0
	Total	\$207,123	\$204,986	\$107,123	\$110,872	\$100,000	\$100,000	\$100,000

2013 - 2018 Funding	\$517,995
Est. Project Cost	\$725,118
FY2013/14 Funding	\$107,123
Prior Year Expenditures	\$2,137

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130100

Project Name **WASTEWATER IT IMPROVEMENT PROGRAM**

Project Description Improve wastewater IT facilities by monitoring pump stations to comply with regulatory compliance and reporting requirements. Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Ensure information technology is current and functional in the wastewater program.

Existing Situation Lack of current technology hinders the wastewater operating and maintenance management efforts.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0
6320	WASTEWATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$1,417,327	\$0	\$0
	Total	\$0	\$0	\$0	\$0	\$1,417,327	\$100,000	\$0
	2013 - 2018 Funding	\$1,517,327						
	Est. Project Cost	\$1,517,327						
	FY2013/14 Funding	\$0						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130200

Project Name **WASTEWATER MASTER PLANNING PROGRAM**

Project Description Identify capacity constraints and needed improvements in wastewater basins to meet current regulatory requirements.

Project Objectives Create current master plans for existing wastewater basins.

Existing Situation Many wastewater basins have not had a current master plan created. This planning is necessary in order to evaluate and establish the improvements needed to conform to current City standards. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$110,872	\$250,000	\$250,000	\$250,000
6320	WASTEWATER REVENUE BONDS	\$107,123	\$107,123	\$0	\$0	\$0	\$0	\$0
	Total	\$107,123	\$107,123	\$0	\$110,872	\$250,000	\$250,000	\$250,000

2013 - 2018 Funding	\$860,872
Est. Project Cost	\$967,995
FY2013/14 Funding	\$0
Prior Year Expenditures	\$0

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130300

Project Name **COMBINED WASTEWATER PLANNING PROGRAM**

Project Description This program continually evaluates the combined wastewater master plan for improvements that will bring the combined system into conformance with current City standards.

Project Objectives Achieve the ultimate goal of having the entire combined system conform to the current City 10-year storm runoff standards.

Existing Situation Areas of the combined wastewater system struggle to meet street flooding criteria with a 10-year storm.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$53,561	\$55,436	\$50,000	\$50,000	\$50,000
	Total	\$0	\$0	\$53,561	\$55,436	\$50,000	\$50,000	\$50,000
	2013 - 2018 Funding	\$258,997						
	Est. Project Cost	\$258,997						
	FY2013/14 Funding	\$53,561						
	Prior Year Expenditures	\$0						

Council District 3, 4, 5, 6

Plan Area

Project Location Various

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130400

Project Name **WASTEWATER FLOW METERING PROGRAM**

Project Description This project evaluates existing flow meters at wastewater sumps citywide for precision and accuracy; and provides for constructing flow meters at unmetered sumps.

Project Objectives Confirm existing flow meters are calibrated correctly; replace meters that exceed recommended life; provide meters for unmetered sumps.

Existing Situation The City uses flow meters to confirm compliance with regulatory permits and interagency agreements.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$166,307	\$150,000	\$150,000	\$150,000
6320	WASTEWATER REVENUE BONDS	\$326,991	\$326,991	\$0	\$0	\$0	\$0	\$0
	Total	\$326,991	\$326,991	\$0	\$166,307	\$150,000	\$150,000	\$150,000

2013 - 2018 Funding \$616,307
Est. Project Cost \$943,298
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130500

Project Name **WASTEWATER CONDITION ASSESSMENT PROGRAM**

Project Description Assess the condition of the wastewater infrastructure in support of the Department of Utilities' ongoing asset management program.

Project Objectives Document the condition of various wastewater assets, and projected life cycles and prioritize funding for replacement of the wastewater infrastructure.

Existing Situation Much of the wastewater infrastructure is underground and difficult to assess without the aid of remotely operated data collection devices. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$110,872	\$250,000	\$250,000	\$250,000
6320	WASTEWATER REVENUE BONDS	\$107,123	\$107,123	\$0	\$0	\$0	\$0	\$0
	Total	\$107,123	\$107,123	\$0	\$110,872	\$250,000	\$250,000	\$250,000

2013 - 2018 Funding \$860,872
Est. Project Cost \$967,995
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130600

Project Name **WASTEWATER COLLECTION PIPE REPLACEMENT PROGRAM**

Project Description Repair/Replace failed pipe infrastructure within the separated wastewater system. Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Protect public health and safety by reducing wastewater overflows by ensuring reliable function of the wastewater system.

Existing Situation Various wastewater mains have failed causing excessive maintenance and impaired service, including wastewater overflows. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6002	WASTEWATER IMPACT FEE	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
6006	WASTEWATER	\$0	\$0	\$0	\$0	\$0	\$0	\$2,814,000
6320	WASTEWATER REVENUE BONDS	\$2,948,046	\$2,948,046	\$0	\$0	\$7,923,422	\$0	\$0
	Total	\$3,148,046	\$3,148,046	\$0	\$0	\$7,923,422	\$0	\$2,814,000

2013 - 2018 Funding \$10,737,422
Est. Project Cost \$13,885,468
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130700

Project Name **WASTEWATER COLLECTION PIPE LINING PROGRAM**

Project Description Rehabilitate various wastewater mains throughout the City by installing internal liners. Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Protect public health and safety by reducing wastewater overflows by ensuring reliable function of the wastewater system.

Existing Situation Various wastewater mains have failed causing excessive maintenance and impaired service, including wastewater overflows. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$104,583	\$0	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$1,601,506	\$1,601,506	\$0	\$0	\$1,721,964	\$0	\$0
	Total	\$1,601,506	\$1,601,506	\$0	\$104,583	\$1,721,964	\$0	\$0

2013 - 2018 Funding \$1,826,547
Est. Project Cost \$3,428,053
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130800

Project Name **WASTEWATER COLLECTION PIPE BURSTING PROGRAM**

Project Description Rehabilitate leaky wastewater mains located in backyard easements using the pipe bursting technique. Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Eliminate wastewater overflows and restore reliable service in primarily undersized mains that contain defects and need rehabilitation.

Existing Situation Many wastewater mains are located in backyards, are six inches in diameter, and have leaky joints and/or connections. These factors result in intrusion of tree roots and excessive wastewater overflows. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$554,359	\$0	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$1,483,432	\$1,483,432	\$0	\$0	\$1,721,964	\$0	\$0
	Total	\$1,483,432	\$1,483,432	\$0	\$554,359	\$1,721,964	\$0	\$0
	2013 - 2018 Funding	\$2,276,323						
	Est. Project Cost	\$3,759,755						
	FY2013/14 Funding	\$0						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14130900

Project Name **WASTEWATER SUMP REHABILITATION/REPLACEMENT PROGRAM**

Project Description Repairing and/or replacing capital assets at the wastewater pump stations.

Project Objectives Protect public health and safety by reducing wastewater overflows by ensuring reliable function of the wastewater system.

Existing Situation Wastewater pumping facilities degrade over time, requiring capital replacements. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$166,308	\$150,000	\$150,000	\$150,000
6320	WASTEWATER REVENUE BONDS	\$476,991	\$476,991	\$0	\$0	\$0	\$0	\$0
	Total	\$476,991	\$476,991	\$0	\$166,308	\$150,000	\$150,000	\$150,000

2013 - 2018 Funding \$616,308
Est. Project Cost \$1,093,299
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14131000

Project Name **SUMP 1/1A REHABILITATION/REPAIR PROGRAM**

Project Description This project funds capital replacement and improvements at Sump 1/1A.

Project Objectives Improve reliability and reduce wastewater overflows to the river. Reduce surcharging of combined wastewater to City streets and properties during storms and comply with the National Pollutant Discharge Elimination System (NPDES) permit by the U.S. Environmental Protection Agency (EPA).

Existing Situation The Department of Utilities continues to assess Sump 1/1A operations to ensure conformance with the NPDES permit. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$11,087	\$10,000	\$10,000	\$10,000
6320	WASTEWATER REVENUE BONDS	\$31,799	\$31,799	\$0	\$0	\$0	\$0	\$0
	Total	\$31,799	\$31,799	\$0	\$11,087	\$10,000	\$10,000	\$10,000

2013 - 2018 Funding \$41,087
Est. Project Cost \$72,887
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District 4

Plan Area

Project Location 2100 Block Of Front Street

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14131100

Project Name **SUMP 2/2A REHABILITATION/REPAIR PROGRAM**

Project Description Fund repairs and improvements of capital assets at Sump 2/2A.

Project Objectives Improve reliability and reduce wastewater overflows to the river. Reduce surcharging of combined wastewater to City streets and properties during storms and comply with the National Pollutant Discharge Elimination System (NPDES) permit by the U.S. Environmental Protection Agency (EPA).

Existing Situation Sump 2/2A is the primary pumping facility for the combined system. The Department of Utilities continually evaluates station performance in light of regulation, seeking efficiencies through asset repair and improvements. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$110,872	\$100,000	\$100,000	\$100,000
6320	WASTEWATER REVENUE BONDS	\$317,994	\$317,994	\$0	\$0	\$0	\$0	\$0
	Total	\$317,994	\$317,994	\$0	\$110,872	\$100,000	\$100,000	\$100,000
	2013 - 2018 Funding	\$410,872						
	Est. Project Cost	\$728,866						
	FY2013/14 Funding	\$0						
	Prior Year Expenditures	\$0						

Council District 4

Plan Area

Project Location 3530 Riverside Boulevard

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14131200

Project Name **COMBINED WATER TREATMENT PLANT REHABILITATION/REPAIR PROGRAM**

Project Description This project funds rehabilitation and improvements of capital assets at the Combined Water Treatment Plant (CWTP). Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Improve reliability and reduce wastewater overflows to the river. Reduce surcharging of combined wastewater to City streets and properties during storms and comply with the National Pollutant Discharge Elimination System (NPDES) permit by the U.S. Environmental Protection Agency (EPA).

Existing Situation The program is a major operational component for the combined wastewater system. The Department of Utilities continually evaluates plant performance in light of regulation, seeking efficiencies through asset repair and improvements. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$277,179	\$0	\$50,000	\$50,000
6320	WASTEWATER REVENUE BONDS	\$794,986	\$794,986	\$0	\$0	\$277,179	\$0	\$0
	Total	\$794,986	\$794,986	\$0	\$277,179	\$277,179	\$50,000	\$50,000

2013 - 2018 Funding \$654,358

Est. Project Cost \$1,449,344

FY2013/14 Funding \$0

Prior Year Expenditures \$0

Council District 5

Plan Area

Project Location 1395 35th Avenue

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14131300

Project Name PIONEER RESERVOIR REHABILITATION/REPAIR PROGRAM

Project Description This project funds rehabilitation and improvements of capital assets at Pioneer Reservoir.

Project Objectives Improve reliability and reduce wastewater overflows to the river. To reduce surcharging of combined wastewater to City streets and properties during storms and to comply with the National Pollutant Discharge Environmental System (NPDES) permit by the U.S. Environmental Protection Agency (EPA).

Existing Situation Pioneer Reservoir is a major operational component for the combined wastewater system. The Department of Utilities continually evaluates plant performance in light of regulation, seeking efficiencies through asset repair and improvements. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$110,872	\$100,000	\$50,000	\$50,000
6320	WASTEWATER REVENUE BONDS	\$217,994	\$217,994	\$0	\$0	\$0	\$0	\$0
	Total	\$217,994	\$217,994	\$0	\$110,872	\$100,000	\$50,000	\$50,000

2013 - 2018 Funding \$310,872
Est. Project Cost \$528,866
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District 4

Plan Area

Project Location Pioneer Reservoir - Front & V Streets

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14131400

Project Name MISCELLANEOUS FACILITY REPAIR PROGRAM

Project Description Rehabilitation and improvements of capital assets at facilities managed by the Department of Utilities.

Project Objectives Keep the Department of Utilities managed facilities running efficiently.

Existing Situation Many of the facilities are aging and need miscellaneous repairs to run more efficiently. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$27,718	\$25,000	\$25,000	\$25,000
6320	WASTEWATER REVENUE BONDS	\$54,499	\$54,499	\$0	\$0	\$0	\$0	\$0
	Total	\$54,499	\$54,499	\$0	\$27,718	\$25,000	\$25,000	\$25,000
	2013 - 2018 Funding	\$102,718						
	Est. Project Cost	\$157,217						
	FY2013/14 Funding	\$0						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Brett Grant

City of Sacramento
Capital Improvement Program

X14131500

Project Name FACILITY ELECTRICAL REHABILITATION PROGRAM

Project Description Replace electrical equipment at various Department of Utilities facilities in the Wastewater and Combined Sewer Systems (CSS). Future funding for this project is not currently expected to be financed by the 2013 wastewater revenue bonds. The FY2015/16 funding for this project would come from an additional wastewater revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Protect public health and safety by improving the reliability of these facilities.

Existing Situation Existing electrical equipment is deteriorated and antiquated, making repair difficult due to the lack of available parts. Failure of this equipment can result in wastewater backing up into streets and properties. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$83,154	\$0	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$1,325,889	\$1,325,889	\$0	\$0	\$284,940	\$0	\$0
	Total	\$1,325,889	\$1,325,889	\$0	\$83,154	\$284,940	\$0	\$0

2013 - 2018 Funding	\$368,094
Est. Project Cost	\$1,693,983
FY2013/14 Funding	\$0
Prior Year Expenditures	\$0

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Dave Hansen

City of Sacramento
Capital Improvement Program

X14131600

Project Name **WASTEWATER PLANT REGULATORY IMPROVEMENT PROGRAM**

Project Description This program funds improvements required by regulatory agencies such as ADA (Americans with Disabilities Act) improvements, generator replacements, and wastewater system securities.

Project Objectives Comply with ADA, air quality, and homeland security regulations.

Existing Situation As regulations change, the Department of Utilities needs to upgrade or improve deficient facilities. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6006	WASTEWATER	\$0	\$0	\$0	\$149,677	\$160,000	\$10,000	\$10,000
6320	WASTEWATER REVENUE BONDS	\$254,615	\$254,615	\$0	\$0	\$0	\$0	\$0
	Total	\$254,615	\$254,615	\$0	\$149,677	\$160,000	\$10,000	\$10,000

2013 - 2018 Funding \$329,677
Est. Project Cost \$584,292
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Pete Millino

City of Sacramento
Capital Improvement Program

Y14000100

Project Name **LANDFILL SITE CLOSURE PROGRAM**

Project Description California law requires that funding be set aside each year to ensure that there will be sufficient resources to cover future closure activities.

Project Objectives Keep the closed City landfill in compliance with the approved Final Closure/Post-Closure Plan.

Existing Situation The City has completed the landfill closure. However, as part of the annual 30-year post-closure care, the City must provide annual funds.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6007	SOLID WASTE	\$3,087,873	\$1,817,434	\$217,000	\$217,000	\$217,000	\$217,000	\$217,000
6008	LANDFILL CLOSURE	\$5,195,273	\$0	\$0	\$0	\$0	\$0	\$0
Total		\$8,283,146	\$1,817,434	\$217,000	\$217,000	\$217,000	\$217,000	\$217,000

2013 - 2018 Funding \$1,085,000
Est. Project Cost \$9,368,146
FY2013/14 Funding \$217,000
Prior Year Expenditures \$6,465,712

Council District 3

Plan Area

Project Location 28th Street Landfill

Project Manager Utilities, William Skinner

City of Sacramento
Capital Improvement Program

Y14000400

Project Name **GROUNDWATER REMEDIATION PROGRAM**

Project Description State mandated financial requirements for the landfill's groundwater corrective action program require owners of solid waste facilities to establish financial assurance to cover a "reasonably foreseeable release" into the groundwater.

Project Objectives Satisfy state-mandated financial assurance requirements for California Health and Safety Code Title 23, Articles 5 and 10. Control/mitigate groundwater contamination beneath the City Landfill.

Existing Situation The existing landfill has affected the shallow groundwater aquifer directly under the site. Documented releases were described in the June 1987 Solid Waste Assessment Test Report.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6007	SOLID WASTE	\$351,875	\$104,001	\$20,000	\$21,000	\$22,000	\$23,000	\$23,000
	Total	\$351,875	\$104,001	\$20,000	\$21,000	\$22,000	\$23,000	\$23,000

2013 - 2018 Funding	\$109,000
Est. Project Cost	\$460,875
FY2013/14 Funding	\$20,000
Prior Year Expenditures	\$247,874

Council District 3

Plan Area

Project Location 28th Street Landfill

Project Manager Utilities, William Skinner

City of Sacramento
Capital Improvement Program

Y14000900

Project Name **SOLID WASTE FACILITY REPAIR & REHABILITATION PROGRAM**

Project Description Ongoing program to provide sufficient resources to address facility related issues at the Meadowview City Service Center including, but not limited to, the repair or rehabilitation of the building interior and exteriors, electrical, parking lot paving, etc.

Project Objectives Provide funding to maintain Solid Waste facilities.

Existing Situation Several rehabilitation projects are in the planning stages.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6007	SOLID WASTE	\$2,272,850	\$2,209,632	\$900,000	\$1,225,000	\$1,250,000	\$1,275,000	\$1,275,000
	Total	\$2,272,850	\$2,209,632	\$900,000	\$1,225,000	\$1,250,000	\$1,275,000	\$1,275,000
	2013 - 2018 Funding	\$5,925,000						
	Est. Project Cost	\$8,197,850						
	FY2013/14 Funding	\$900,000						
	Prior Year Expenditures	\$63,218						

Council District 8

Plan Area

Project Location 2812 Meadowview Road

Project Manager Utilities, David Levine

City of Sacramento
Capital Improvement Program

Z14000500

Project Name **WATER SUPPLY MASTER PLAN PROGRAM**

Project Description Water System Master Planning includes planning of major transmission mains, pumping and storage facilities, and water supply.

Project Objectives Recommend water system improvements which are cost-effective and meet water system service goals. Recommend operational changes to reduce operation costs, or increase system efficiency and performance.

Existing Situation Currently, the water system supplies water in sufficient capacity and quality to meet the City's needs. Ongoing development has put demands on the system that need to be analyzed and planned for on a citywide basis to minimize impacts to the system.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6001	WATER IMPACT FEE	\$45,100	\$8,733	\$0	\$0	\$0	\$0	\$0
6005	WATER	\$3,415,687	\$0	\$100,000	\$100,000	\$100,000	\$500,000	\$150,000
Total		\$3,460,787	\$8,733	\$100,000	\$100,000	\$100,000	\$500,000	\$150,000

2013 - 2018 Funding \$950,000
Est. Project Cost \$4,410,787
FY2013/14 Funding \$100,000
Prior Year Expenditures \$3,452,054

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Dan Sherry

City of Sacramento
Capital Improvement Program

Z14000700

Project Name BASE CIP RESERVE PROGRAM - WATER

Project Description Reserve funds for unforeseen capital program needs.

Project Objectives Facilitate completion of capital projects by reserving appropriations for minor overruns. Provide a source of funds for small projects that could not be anticipated before the start of the fiscal year.

Existing Situation It is prudent to maintain a capital program reserve, renewed annually as needed, as a source of funding should the need arise to provide additional funding for an existing project due to unforeseen conditions.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$1,114,182	\$1,086,149	\$1,197,416	\$1,356,000	\$3,905,000	\$4,967,990	\$1,802,500
6310	WATER REVENUE BONDS	\$429,301	\$429,301	\$0	\$0	\$0	\$0	\$0
	Total	\$1,543,483	\$1,515,450	\$1,197,416	\$1,356,000	\$3,905,000	\$4,967,990	\$1,802,500

2013 - 2018 Funding \$13,228,906
Est. Project Cost \$14,772,389
FY2013/14 Funding \$1,197,416
Prior Year Expenditures \$28,033

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Dan Sherry

City of Sacramento
Capital Improvement Program

Z14000800

Project Name **BACKFLOW PREVENTION DEVICE PROGRAM**

Project Description Purchase backflow prevention assemblies for City-owned facilities. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Protect the water distribution system from possible contamination and bring facilities into compliance with state cross-connection control regulations.

Existing Situation The California Code of Regulations, Title 17 mandated that back-flow prevention devices must be installed on water supply lines to prevent contamination of the water supply.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$3,081,913	\$762,858	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$600,000	\$600,000	\$0	\$0	\$745,854	\$0	\$0
Total		\$3,681,913	\$1,362,858	\$0	\$0	\$745,854	\$0	\$0

2013 - 2018 Funding \$745,854
Est. Project Cost \$4,427,767
FY2013/14 Funding \$0
Prior Year Expenditures \$2,319,055

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Craig Robinson

City of Sacramento
Capital Improvement Program

Z14001300

Project Name UTILITIES ADA IMPROVEMENT PROGRAM

Project Description Modify existing buildings for conformance to requirements of Americans with Disabilities Act (ADA). Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Bring existing buildings at 1391 35th Avenue and Building #20 at the Corporation Yard up to existing ADA requirements.

Existing Situation Existing buildings and structures are not completely up to current ADA requirements.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$70,000	\$31,337	\$10,000	\$10,000	\$0	\$0	\$0
6006	WASTEWATER	\$10,000	\$4,542	\$0	\$0	\$0	\$0	\$0
6007	SOLID WASTE	\$5,000	\$2,271	\$0	\$0	\$0	\$0	\$0
6011	STORM DRAINAGE	\$51,000	\$23,167	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$31,351	\$0	\$0
Total		\$136,000	\$61,318	\$10,000	\$10,000	\$31,351	\$0	\$0
2013 - 2018 Funding		\$51,351						
Est. Project Cost		\$187,351						
FY2013/14 Funding		\$10,000						
Prior Year Expenditures		\$74,682						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Pete Millino

City of Sacramento
Capital Improvement Program

Z14001500

Project Name **DRINKING WATER QUALITY PROGRAM**

Project Description Provide for source water regulatory efforts specific to the City's water production wells and common to both surface water and groundwater. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Comply with source water requirements of the California Surface Water Treatment Rule and Clean Water Act.

Existing Situation The City conducts studies and efforts to provide source water protection including required monitoring, tracking upcoming source water related regulations, and information collection on special topics.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$1,842,996	\$347,107	\$175,000	\$100,000	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$372,927	\$0	\$0
	Total	\$1,842,996	\$347,107	\$175,000	\$100,000	\$372,927	\$0	\$0

2013 - 2018 Funding	\$647,927
Est. Project Cost	\$2,490,923
FY2013/14 Funding	\$175,000
Prior Year Expenditures	\$1,495,889

Council District All

Plan Area

Project Location Various

Project Manager Utilities, Dan Sherry

City of Sacramento
Capital Improvement Program

Z14001800

Project Name **GROUNDWATER PROTECTION PROGRAM**

Project Description Pilot project to determine best possible well site treatment technologies. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Identify the level of and test technologies for well head treatment to meet future health regulations, particularly at sites with space constraints.

Existing Situation Currently, well water is chlorinated and fluoridated at the well head. New regulations may require treatment for other constituents as well.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$216,106	\$67,606	\$100,000	\$100,000	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$372,927	\$0	\$0
Total		\$216,106	\$67,606	\$100,000	\$100,000	\$372,927	\$0	\$0

2013 - 2018 Funding	\$572,927
Est. Project Cost	\$789,033
FY2013/14 Funding	\$100,000
Prior Year Expenditures	\$148,500

Council District All
Plan Area
Project Location Citywide
Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14001900

Project Name **UTILITY ENERGY EFFICIENCY PROGRAM**

Project Description Energy consumption improvements to the Department of Utilities' fixtures and equipment, focus on energy efficiency and conservation measures, including solar panel installation and lighting fixture upgrades.

Project Objectives Reduce energy consumption while focusing on energy efficiency and conservation measures.

Existing Situation Currently the utility facilities utilize fixtures and equipment that are not energy efficient.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$597,817	\$550,130	\$500,000	\$0	\$0	\$0	\$0
6006	WASTEWATER	\$51,802	\$5,304	\$0	\$0	\$0	\$0	\$0
6011	STORM DRAINAGE	\$76,261	\$28,202	\$0	\$0	\$0	\$0	\$0
Total		\$725,880	\$583,636	\$500,000	\$0	\$0	\$0	\$0

2013 - 2018 Funding \$500,000
Est. Project Cost \$1,225,880
FY2013/14 Funding \$500,000
Prior Year Expenditures \$142,244

Council District All
Plan Area
Project Location Citywide
Project Manager Utilities

City of Sacramento Capital Improvement Program

Z14003400

Project Name ASSET MANAGEMENT PROGRAM - WATER

Project Description A systematic process of operating, maintaining, upgrading, and disposing of assets effectively. Includes the management of the whole life cycle of infrastructure assets through the collection and analysis of assessment and criticality data. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Manage assets with minimizing the cost of owning and operating the system over time, achieving industry best practices, and delivering levels of service. Improve and validate its asset inventory, systematically prioritize capital improvement projects, develop comprehensive condition assessment, and short and long term funding needs.

Existing Situation Precise information including asset data is not readily available for assessment and analysis purposes.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$220,000	\$77,617	\$50,000	\$50,000	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$186,464	\$0	\$0
	Total	\$220,000	\$77,617	\$50,000	\$50,000	\$186,464	\$0	\$0

2013 - 2018 Funding	\$286,464
Est. Project Cost	\$506,464
FY2013/14 Funding	\$50,000
Prior Year Expenditures	\$142,383

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Dan Sherry

City of Sacramento
Capital Improvement Program

Z14003600

Project Name **INFORMATION TECHNOLOGY PROGRAM**

Project Description Develop information technology (IT) projects that support utilities maintenance programs, asset management program, Supervisory Control and Data Acquisition (SCADA), customer service efforts, and other Department of Utilities (DOU) business processes. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Support the City's Computerized Maintenance Management System (CMMS) upgrade, SCADA system security study, DOU IT masterplan, and other IT projects as necessary.

Existing Situation DOU IT applications and systems require periodic maintenance, upgrades, study, or revisions as necessary to support our business needs. Note: The budget and estimated balance for FY13 in Fund 6320 was approved on June 11, 2013.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$385,886	\$385,886	\$250,000	\$100,000	\$0	\$0	\$0
6006	WASTEWATER	\$32,783	\$32,783	\$0	\$0	\$0	\$0	\$0
6011	STORM DRAINAGE	\$326,142	\$326,142	\$250,000	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$1,561,205	\$0	\$0
6320	WASTEWATER REVENUE BONDS	\$658,678	\$658,678	\$0	\$0	\$0	\$0	\$0
Total		\$1,403,489	\$1,403,489	\$500,000	\$100,000	\$1,561,205	\$0	\$0

2013 - 2018 Funding \$2,161,205
Est. Project Cost \$3,564,694
FY2013/14 Funding \$500,000
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide
Project Manager Utilities

City of Sacramento Capital Improvement Program

Z14004000

Project Name T-MAIN POWER INN ROAD

Project Description Construct approximately 32,000 feet of pipeline from the Fairbairn Water Treatment Plant to the Florin Reservoir. Pipe size ranges from 66-inch diameter to 36-inch diameter. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Provide water to new development within the City and new wholesale and wheeling customers with the City's Place of Use (Sacramento County Zone 40 Florin Gap/Vineyard area).

Existing Situation Currently the City is only wheeling water to the County Zone 40 area at Franklin Boulevard and City limits.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$864,000	\$7,853	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$25,074,044	\$0	\$0
Total		\$864,000	\$7,853	\$0	\$0	\$25,074,044	\$0	\$0

2013 - 2018 Funding \$25,074,044
Est. Project Cost \$25,938,044
FY2013/14 Funding \$0
Prior Year Expenditures \$856,147

Project Start Date July 2005

Est. Complete Date June 2020



Council District 6

Plan Area

Project Location Power Inn Road From The Fairbairn Water Treatment Plant To The Florin Reservoir

Project Manager Utilities, Robert Armijo

City of Sacramento
Capital Improvement Program

Z14006100

Project Name PIPE CONDITION ASSESSMENT PROGRAM

Project Description Develop a pipeline condition assessment program. Determine best technology to assess pipe conditions. Perform condition assessment on the City's older and more critical pipelines. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Identify water transmission mains that are in poor condition and should be replaced prior to failure.

Existing Situation The City currently estimates pipe condition based on type of pipe material and age of pipe.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$1,300,000	\$1,242,422	\$0	\$1,000,000	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$1,802,131	\$0	\$0
	Total	\$1,300,000	\$1,242,422	\$0	\$1,000,000	\$1,802,131	\$0	\$0

2013 - 2018 Funding \$2,802,131
Est. Project Cost \$4,102,131
FY2013/14 Funding \$0
Prior Year Expenditures \$57,578

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Richard Dalrymple

City of Sacramento
Capital Improvement Program

Z14006800

Project Name WATER UNPLANNED REPAIRS PROGRAM

Project Description Project to correct and repair unexpected critical failures with the City's water infrastructure.

Project Objectives Enable repairs needed to continue operating efficiently.

Existing Situation Due to the size and age of the City's infrastructure, unplanned failures occur. In order to have funding to make the necessary repairs, the Department of Utilities has designated a single project, funded annually for response to these events.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$454,628	\$288,693	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
	Total	\$454,628	\$288,693	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
	2013 - 2018 Funding	\$1,250,000						
	Est. Project Cost	\$1,704,628						
	FY2013/14 Funding	\$250,000						
	Prior Year Expenditures	\$165,935						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Dan Sherry

City of Sacramento
Capital Improvement Program

Z14007900

Project Name WATER FACILITIES SECURITY PROGRAM

Project Description Develop and implement security policies and procedures for the water treatment and distribution system.

Project Objectives Prevent potential malice actions on the water treatment and distribution system.

Existing Situation There are no formal security policies and procedures for the water system.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$225,000	\$146,510	\$150,000	\$150,000	\$0	\$0	\$0
	Total	\$225,000	\$146,510	\$150,000	\$150,000	\$0	\$0	\$0

2013 - 2018 Funding \$300,000
Est. Project Cost \$525,000
FY2013/14 Funding \$150,000
Prior Year Expenditures \$78,490

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14009400

Project Name FIRE HYDRANT & GATE VALVE REPLACEMENT PROGRAM

Project Description Replace valves and fire hydrants in the water distribution system that have failed. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Replace dysfunctional valves and fire hydrants for facilitation of positive system shutdowns and improvement to system's reliability and safety.

Existing Situation Fewer valves and fire hydrants are replaced due to funding shortfall.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$450,000	\$110,885	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$450,000	\$450,000	\$0	\$0	\$559,391	\$0	\$0
Total		\$900,000	\$560,885	\$0	\$0	\$559,391	\$0	\$0

2013 - 2018 Funding	\$559,391
Est. Project Cost	\$1,459,391
FY2013/14 Funding	\$0
Prior Year Expenditures	\$339,115

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Craig Robinson

City of Sacramento
Capital Improvement Program

Z14010000

Project Name **RESIDENTIAL WATER METER PROGRAM**

Project Description Provide funding for the installation of water meters at residences throughout the City that do not have them so that City will be in compliance with Assembly Bill 2572 that requires water meters on existing water service connections by 2025. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Bill water services on a metered basis.

Existing Situation More than 75% of all City customers pay for water services on a flat rate.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$931,502	\$279,907	\$1,217,584	\$6,784,000	\$15,245,000	\$3,282,010	\$13,772,500
6006	WASTEWATER	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$65,420,699	\$65,420,699	\$0	\$0	\$93,076,065	\$0	\$0
Total		\$66,352,201	\$65,700,606	\$1,217,584	\$6,784,000	\$108,321,065	\$3,282,010	\$13,772,500

2013 - 2018 Funding \$133,377,159
Est. Project Cost \$199,729,360
FY2013/14 Funding \$1,217,584
Prior Year Expenditures \$651,595

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Michelle Carrey

City of Sacramento
Capital Improvement Program

Z14110100

Project Name WELL REHABILITATION PROGRAM

Project Description Rehabilitate and replace dilapidated infrastructure at the City potable groundwater facilities. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Improve City’s water supply reliability and groundwater extraction capability. Have a reliable groundwater supply which will allow the City to participate in future drought banking programs and water transfers.

Existing Situation Most groundwater wells in the City are 50 years old or older and require extensive rehabilitation or repairs on the mechanical equipment, electrical switchgear, and well casing.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$3,215	\$0	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$6,300,000	\$6,300,000	\$0	\$0	\$6,946,626	\$0	\$0
	Total	\$6,303,215	\$6,300,000	\$0	\$0	\$6,946,626	\$0	\$0

2013 - 2018 Funding \$6,946,626
Est. Project Cost \$13,249,841
FY2013/14 Funding \$0
Prior Year Expenditures \$3,215

Council District All
Plan Area
Project Location Citywide

Project Manager Utilities, Dan Sherry

City of Sacramento Capital Improvement Program

Z14111100

Project Name UTILITIES FACILITY ROOF REHABILITATION

Project Description Repair leaking roofs on structures located at the Fairbairn Water Treatment Plant and Sacramento River Water Treatment Plant. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Repair leaking roofs to avoid costly roof replacements.

Existing Situation Facilities management has assessed the roofs on several structures at the water treatment plants and have provide a list of roofs that require repair.

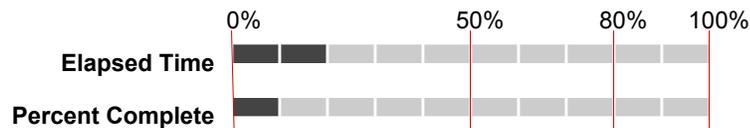
Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$235,000	\$235,000	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$63,525	\$0	\$0
Total		\$235,000	\$235,000	\$0	\$0	\$63,525	\$0	\$0

2013 - 2018 Funding \$63,525
Est. Project Cost \$298,525
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Project Start Date July 2011

Est. Complete Date June 2020



Council District 3, 6

Plan Area

Project Location Fairbairn Water Treatment Plant & Sacramento River Water Treatment Plant

Project Manager Utilities, Pete Millino

City of Sacramento Capital Improvement Program

Z14130200

Project Name FAIRBAIRN WATER TREATMENT PLANT (FWTP) REHABILITATION

Project Description Rehabilitate the E.A. Fairbairn Water Treatment Plant (FWTP) structures constructed in 1964, including flocculation/sedimentation basin, filters, high lift pump station, and replacing filter media. Funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Make available to the City a reliable 200 million gallons per day of water treatment capacity.

Existing Situation In 2009, Carollo Engineering prepared a study that evaluated the condition of the City's water treatment facilities. The report identified extensive concrete spalling and cracking in critical treatment process structures at the FWTP that should be rehabilitated by 2018.

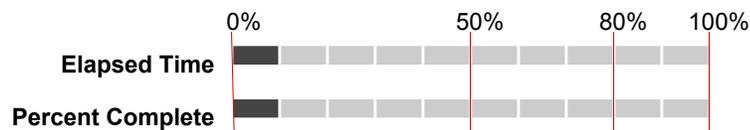
Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$1,800,000	\$1,800,000	\$0	\$0	\$33,065,220	\$0	\$0
	Total	\$2,000,000	\$2,000,000	\$0	\$0	\$33,065,220	\$0	\$0

2013 - 2018 Funding \$33,065,220
Est. Project Cost \$35,065,220
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Project Start Date July 2012

Est. Complete Date July 2020



Council District 6

Plan Area

Project Location 7501 College Town Drive

Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14130300

Project Name **TRANSMISSION MAIN REHABILITATION PROGRAM**

Project Description Replace existing water transmission mains (pipes larger than 12-inch diameter) that have a record of maintenance issues or are over 100 years old with new reliable mains that meet City standards. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Ensure the reliability of the water distribution system and reduce potential damage from transmission main breaks.

Existing Situation This pipeline replacement program replaces water transmission mains that have exceeded their useful life. Older mains require additional maintenance, reduce system reliability and no longer meet current City standards.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$216,667	\$216,667	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$17,076,543	\$0	\$0
	Total	\$216,667	\$216,667	\$0	\$0	\$17,076,543	\$0	\$0

2013 - 2018 Funding \$17,076,543
Est. Project Cost \$17,293,210
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide
Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14130400

Project Name **DISTRIBUTION MAIN REHABILITATION PROGRAM**

Project Description Replace water distribution mains (pipes 12-inch in diameter or smaller) that have maintenance issues or have exceeded 100-year life. Funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Improve water distribution system reliability including increased pressures and fire suppression capabilities.

Existing Situation Approximately 119 miles or 8% of the distribution pipe is over 100 years old.

Operating Budget Impact Reduce operations maintenance costs on main repairs.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$30,488,216	\$0	\$0
	Total	\$300,000	\$300,000	\$0	\$0	\$30,488,216	\$0	\$0

2013 - 2018 Funding \$30,488,216
Est. Project Cost \$30,788,216
FY2013/14 Funding \$0
Prior Year Expenditures \$0

Council District All
Plan Area
Project Location Citywide
Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14130500

Project Name RESERVOIR REHABILITATION PROGRAM

Project Description Miscellaneous rehabilitation at water reservoirs and booster pump stations. Work will include patching the reservoir interior and exterior coatings, improvements to the cathodic protection systems, pump and motor improvements, and electrical upgrades. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Improve the water system reliability and extend the useful life of the City's 11 reservoirs and 10 booster pump stations.

Existing Situation Reservoirs and booster pump stations range in age from 5 years to 50 years old and require upgrades and modifications to comply with regulatory requirements.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$300,000	\$300,000	\$0	\$0	\$848,238	\$0	\$0
Total		\$400,000	\$400,000	\$0	\$0	\$848,238	\$0	\$0

2013 - 2018 Funding	\$848,238
Est. Project Cost	\$1,248,238
FY2013/14 Funding	\$0
Prior Year Expenditures	\$0

Council District All
Plan Area
Project Location Citywide
Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14130600

Project Name **FLUORIDE EQUIPMENT REHABILITATION PROGRAM**

Project Description Install new fluoride delivery systems or rehabilitate existing systems at the groundwater wells and water treatment plants. Future funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Provide reliable fluoride delivery systems into the City's water distribution system that will minimize operations and maintenance costs.

Existing Situation Existing fluoride delivery systems require continuous maintenance and repairs.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6005	WATER	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
6310	WATER REVENUE BONDS	\$2,000,000	\$2,000,000	\$0	\$0	\$2,540,995	\$0	\$0
Total		\$2,200,000	\$2,200,000	\$0	\$0	\$2,540,995	\$0	\$0

2013 - 2018 Funding	\$2,540,995
Est. Project Cost	\$4,740,995
FY2013/14 Funding	\$0
Prior Year Expenditures	\$0

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities

City of Sacramento
Capital Improvement Program

Z14140400

Project Name **WELLS - NEW PRODUCTION PROGRAM**

Project Description This program will focus on identifying new groundwater well locations, acquiring property, complying with California Environmental Quality Act (CEQA), developing groundwater well design standards and constructing new groundwater wells. Funding for this project is not currently expected to be financed by the 2013 water revenue bonds. The FY2015/16 funding for this project would come from an additional water revenue bond issuance in 2016 that would require City Council authorization.

Project Objectives Increase the City's groundwater production to increase the City's water supply reliability and support the City conjunctive use program.

Existing Situation The City doesn't have a new groundwater well program.

Operating Budget Impact None.

Fund	Fund Description	As of 2/2013		2013/14	2014/15	2015/16	2016/17	2017/18
		Budget	Unobligated					
6310	WATER REVENUE BONDS	\$0	\$0	\$0	\$0	\$1,188,278	\$0	\$0
	Total	\$0	\$0	\$0	\$0	\$1,188,278	\$0	\$0
	2013 - 2018 Funding	\$1,188,278						
	Est. Project Cost	\$1,188,278						
	FY2013/14 Funding	\$0						
	Prior Year Expenditures	\$0						

Council District All

Plan Area

Project Location Citywide

Project Manager Utilities, Dan Sherry