

WATER RESOURCES -- DRAINAGE

Executive Summary

The Department of Water Resources constructs drainage improvement projects intended to mitigate or prevent flood damage in developed areas. Projects are intended to minimize flooding during large storm events through upgrading existing portions of the drainage system, adding new facilities to the existing system, and by ensuring the reliability of existing drainage facilities through back-up facilities.

Most of the constructed projects consist of upgrades (either by upsizing in place or by construction of parallel systems) to underground piped drainage systems in existing residential neighborhoods which have experienced flooding in the past. The existing systems that are upgraded are typically 40-years old or more and do not meet the current design standards for drainage capacity and flood protection. The goal of such projects is to bring the existing system as close as possible to meeting current standards and to minimize potential flood damage in a 100-year event.

Some of the planned projects entail providing upgrades to existing drainage pump stations. Some of the existing pump stations in the County require additional pumping capacity to increase the level of protection of low-lying residences. Additionally, some of the pump stations lack a back-up power source in the event that power is lost during a storm event and have old electrical systems that need to be upgraded. Further, the performance of pump stations may also be hindered by blockages caused by the build-up of debris carried in the storm runoff.

The estimated capital cost for the 21 projects identified in the Five-Year CIP is \$31.4 million. Projects proposed to be completed in the Fiscal Year 2013-14 Capital Budget include an "Operating Budget Impact" statement.

There are eight projects identified in the Fiscal Year 2013-14 CIP that are either under construction, or planned for construction, by Water Resources in Fiscal 2013-14. The following brief descriptions highlight three projects that demonstrate the magnitude and range of construction undertaken by the County.

- **D05 Howe Avenue Storm Drain Pump Station Rehabilitation** -- This project will increase pumping capacity, upgrade electrical systems, and make minor site improvements to the storm drain pump station. The pumping capacity increase will come from replacing four and rehabilitating three of the 56-year old pump/motor units. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance issues. The site improvements will correct long-standing maintenance issues. **Estimated Total Cost: \$5,806,480**

- **Elkhorn Boulevard/Schofield Way Storm Drain Improvement Project – Phase 3**
-- This project, in conjunction with the Black Duck Way/Harlequin Way Storm Drain Improvement Project, will alleviate house, garage, yard, and street flooding along Black Duck Way, Butterball Way, Harlequin Way, Lumry Street, Sea Duck Court, Weddigen Way, and other surrounding streets. The project has been constructed in three phases. The first two phases were built in the spring and summer of 2011 and 2012. The third phase is under construction now with an anticipated end date of October 2013.

The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, a new storm drain trunk line was designed for Schofield Way and Elkhorn Boulevard from Schofield Way to McDermott Drive. In addition, improvements were designed for the channel culvert at Larchmont Drive and the channel lining between Larchmont Drive and Schofield Way. The first two phases installed the trunk line in Schofield Way and Elkhorn Boulevard up to Weddigen Way, improved the channel culvert, and upgraded the channel lining. In this final phase, the remaining portion of the trunk line in Elkhorn Boulevard is being installed from Weddigen Way to McDermott Drive. **Estimated Total Cost: \$3,075,983**

- **Kentfield Drive/Watt Avenue Storm Drain Improvement** -- This project will alleviate structure, garage, yard, and street flooding in the surrounding streets near the intersection of Watt Avenue and El Camino Avenue. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Watt Avenue, El Camino Avenue, and Kentfield Drive. **Estimated Total Cost: \$1,018,306**

WATER RESOURCES -- DRAINAGE

SUMMARY

PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2013-14 PY Rollover	FISCAL YEAR 2013-14 Budget	FISCAL YEAR 2014-15	FISCAL YEAR 2015-16	FISCAL YEAR 2016-17	FISCAL YEAR 2017-18	TOTAL
1	ALERT System Rehabilitation	\$28,052	\$0	\$656,129	\$10,000	\$0	\$0	\$0	\$694,181
2	D02 Kadema Storm Drain Pump Station Rehabilitation	14,471	0	200,704	535,000	45,000	0	0	795,175
3	D05 Howe Avenue Storm Drain Pump Station Rehabilitation	570,269	0	4,898,211	338,000	0	0	0	5,806,480
4	D09 Mayhew Storm Drain Pump Station Rehabilitation	14,471	0	200,704	535,000	45,000	0	0	795,175
5	D10 Manlove Storm Drain Pump Station Generator Improvement	0	0	0	247,500	1,430,500	104,500	0	1,782,500
6	El Camino Avenue Transportation Project - Phase 1	45,329	0	0	0	15,000	346,500	41,500	448,329
7	Elkhorn Blvd/Schofield Way Storm Drain Improvement - Phase 3	562,723	2,076,796	436,464	0	0	0	0	3,075,983
8	Femoyer Street Outfall Storm Drain Improvement	793	0	271,450	0	0	0	0	272,243
9	Florin Road/Frasinetti Road Storm Drain Improvement	32,000	0	321,312	0	0	0	0	353,312
10	Kentfield Drive/Watt Avenue Storm Drain Improvement	119,265	0	884,041	15,000	0	0	0	1,018,306
11	Kings Way/Verna Way Storm Drain Improvement	101,079	0	69,883	0	0	761,000	59,000	990,962
12	Kovanda Avenue Storm Drain Improvement	87,442	0	360,431	0	0	0	0	447,873
13	Mather Dam Improvement	140,847	0	991,349	5,091,180	200,000	0	0	6,423,376
14	Miramar Storm Drain Improvement	5,130	0	0	0	382,500	85,000	0	472,630
15	Ravenwood Avenue Storm Drain Improvement	150,609	0	156,252	1,720,420	127,980	0	0	2,155,261
16	Rich Hill Drive Storm Drain Improvement	129,269	0	0	0	0	11,500	1,328,800	1,469,569
17	Rowena Way Storm Drain Improvement	64,851	0	393,965	0	0	0	0	458,816

PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2013-14 PY Rollover	FISCAL YEAR 2013-14 Budget	FISCAL YEAR 2014-15	FISCAL YEAR 2015-16	FISCAL YEAR 2016-17	FISCAL YEAR 2017-18	TOTAL
18	Silver Legends Storm Drain Improvement	4,958	0	0	0	0	119,500	24,000	148,458
19	Storm Drain Pump Stations Rehabilitation - Phase 3	7,169	0	0	120,000	1,065,000	80,000	0	1,272,169
20	Storm Drain Pump Stations Rehabilitation - Phase 4	7,169	0	0	0	120,000	1,065,000	80,000	1,272,169
21	Storm Drain Pump Stations Rehabilitation - Phase 5	7,169	0	0	0	0	120,000	1,145,000	1,272,169
TOTAL		\$2,093,065	\$2,076,796	\$9,840,895	\$8,612,100	\$3,430,980	\$2,693,000	\$2,678,300	\$31,425,136

WATER RESOURCES -- DRAINAGE
PRIOR YEAR DELETED/COMPLETED

PROJECT	PRIOR YEARS	FISCAL YEAR 2013-14	FISCAL YEAR 2014-15	FISCAL YEAR 2015-16	FISCAL YEAR 2016-17	FISCAL YEAR 2017-18	TOTAL	REASON DROPPED
3509 El Camino Avenue Storm Drain Improvement	\$89,673	\$5,000	\$864,000	\$71,000	\$0	\$0	\$1,029,673	Project scope revised to create Kentfield Drive/Watt Avenue project
El Sur Way/Arden Way Storm Drain Improvement	1,120,864	0	0	0	0	0	1,120,864	Construction complete
Elkhorn Blvd/Schofield Way Storm Drain Improvement - Phase 1	1,597,663	0	0	0	0	0	1,597,663	Construction complete
Elkhorn Blvd/Schofield Way Storm Drain Improvement - Phase 2	1,588,783	0	0	0	0	0	1,588,783	Construction complete
Flagstone Street/Agate Way Storm Drain Improvement	995,158	0	0	0	0	0	995,158	Construction complete
New York Avenue/Oriana Court Storm Drain Improvement	333,700	0	0	0	0	0	333,700	Construction complete
Storm Drain Pump Stations Rehabilitation - Phase 1	368,093	983,700	84,800	0	0	0	1,436,593	Project scope expanded to create D05 Howe Avenue Storm Drain Pump Station Rehabilitation project
Storm Drain Pump Stations Rehabilitation - Phase 2	45,074	10,000	1,060,000	90,000	0	0	1,205,074	Project scope revised to create D02 Kadema & D09 Mayhew Storm Drain Pump Station Rehabilitation projects
TOTAL	\$6,139,008	\$998,700	\$2,008,800	\$161,000	\$0	\$0	\$9,307,508	

ALERT System Rehabilitation

Sacramento County

Project #1

Department: Water Resources

Estimated Project Cost: \$694,181

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund & State DWR Grant
Funding

Project Description:

Subject to funding availability, this project will upgrade approximately 50 ALERT stations throughout the County. The upgrades will make the system more reliable and safer to maintain.

ALERT System Rehabilitation

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	550,000	0	0	0	0	550,000
Project Management/ Design	28,052	0	41,129	10,000	0	0	0	79,181
Consultant Services	0	0	0	0	0	0	0	0
Construction Inspection	0	0	60,000	0	0	0	0	60,000
Misc. Project Costs	0	0	5,000	0	0	0	0	5,000
TOTAL	28,052	0	656,129	10,000	0	0	0	694,181

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	28,052	0	534,629	10,000	0	0	0	572,681
State DWR Grant Funding	0	0	121,500	0	0	0	0	121,500
TOTAL	28,052	0	656,129	10,000	0	0	0	694,181

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

D02 Kadema Storm Drain Pump Station Rehabilitation

Sacramento, CA 95864

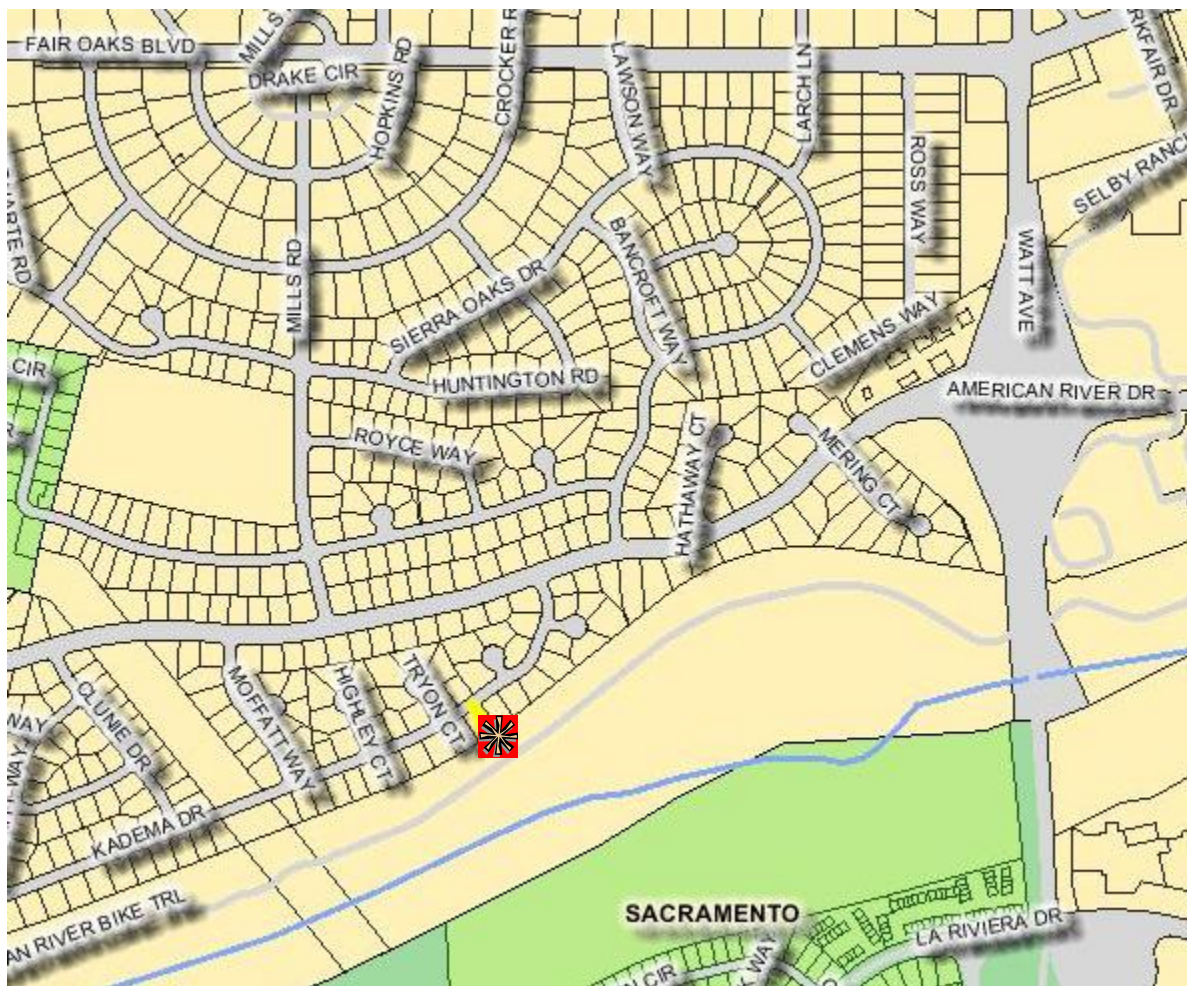
Project #2

Department: Water Resources

Estimated Project Cost: \$795,175

Expected Completion Date: 2015

Funding Sources: Storm Water Utility (SWU) Capital Construction Fund



Project Description:

This project is one of the two projects developed from the Storm Drain Pump Stations Rehabilitation – Phase 2 project. This project will upgrade electrical systems and make minor site improvements to the storm drain pump station. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance issues. The site improvements will correct long-standing maintenance issues.

D02 Kadema Storm Drain Pump Station Rehabilitation

Project Costs	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover	Fiscal Year 2014-15 Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total
Construction Costs	0	0	0	500,000	0	0	0	500,000
Project Management/ Design	14,471	0	68,204	10,000	10,000	0	0	102,675
Consultant Services	0	0	125,000	0	0	0	0	125,000
Construction Inspection	0	0	0	15,000	35,000	0	0	50,000
Misc. Project Costs	0	0	7,500	10,000	0	0	0	17,500
TOTAL	14,471	0	200,704	535,000	45,000	0	0	795,175

Funding Sources	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover	Fiscal Year 2014-15 Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total
SWU Capital Construction Fund	14,471	0	200,704	535,000	45,000	0	0	795,175

NOTE: Construction Costs are encumbered in Fiscal Year 2014-15, but spent in Fiscal Years 2014-15 & 2015-16.

D05 Howe Avenue Storm Drain Pump Station Rehabilitation

Sacramento, CA 95825

Project #3

Department: Water Resources

Estimated Project Cost: \$5,806,480

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU) Capital Construction Fund & Zone 11B Fund



Project Description:

This project is the lone project developed from the Storm Drain Pump Stations Rehabilitation – Phase 1 project. This project will increase pumping capacity, upgrade electrical systems, and make minor site improvements to the storm drain pump station. The pumping capacity increase will come from replacing four and rehabilitating three of the 56-year old pump/motor units. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance issues. The site improvements will correct long-standing maintenance issues.

D05 Howe Avenue Storm Drain Pump Station Rehabilitation

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	4,625,000	0	0	0	0	4,625,000
Project Management/ Design	402,670	0	144,131	48,000	0	0	0	594,801
Consultant Services	167,599	0	93,080	0	0	0	0	260,679
Construction Inspection	0	0	20,000	290,000	0	0	0	310,000
Misc. Project Costs	0	0	16,000	0	0	0	0	16,000
TOTAL	570,269	0	4,898,211	338,000	0	0	0	5,806,480

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	570,269	0	1,150,970	79,300	0	0	0	1,800,539
Zone 11B Fund	0	0	3,747,241	258,700	0	0	0	4,005,941
TOTAL	570,269	0	4,898,211	338,000	0	0	0	5,806,480

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

D09 Mayhew Storm Drain Pump Station Rehabilitation

Sacramento, CA 95826

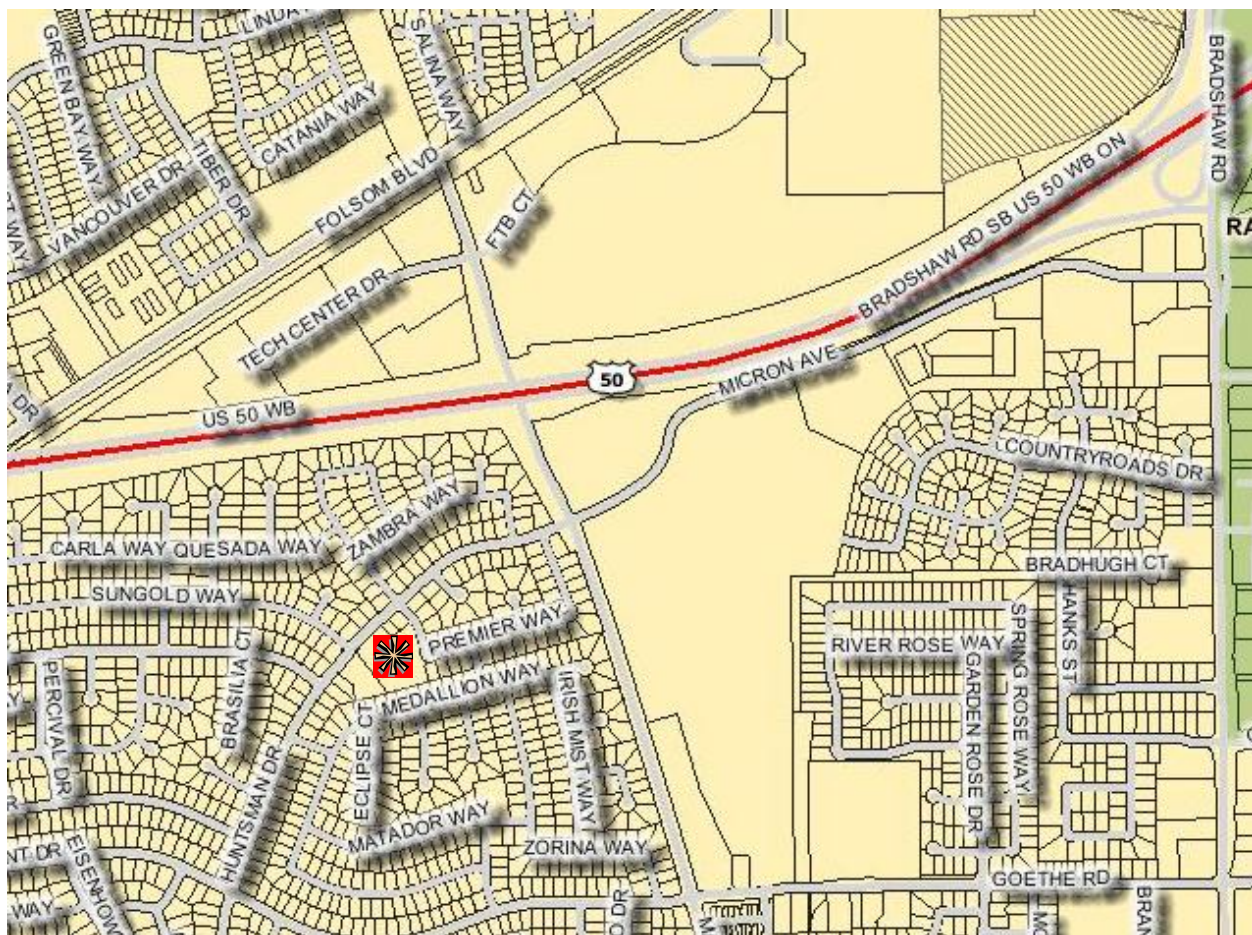
Project #4

Department: Water Resources

Estimated Project Cost: \$795,175

Expected Completion Date: 2015

Funding Sources: Storm Water Utility (SWU) Capital Construction Fund



Project Description:

This project is one of the two projects developed from the Storm Drain Pump Stations Rehabilitation – Phase 2 project. This project will upgrade electrical systems and make minor site improvements to the storm drain pump station. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance issues. The site improvements will correct long-standing maintenance issues.

D09 Mayhew Storm Drain Pump Station Rehabilitation

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	0	500,000	0	0	0	500,000
Project Management/ Design	14,471	0	68,204	10,000	10,000	0	0	102,675
Consultant Services	0	0	125,000	0	0	0	0	125,000
Construction Inspection	0	0	0	15,000	35,000	0	0	50,000
Misc. Project Costs	0	0	7,500	10,000	0	0	0	17,500
TOTAL	14,471	0	200,704	535,000	45,000	0	0	795,175

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	14,471	0	200,704	535,000	45,000	0	0	795,175

NOTE: Construction Costs are encumbered in Fiscal Year 2014-15, but spent in Fiscal Years 2014-15 & 2015-16.

D10 Manlove Storm Drain Pump Station Generator Improvement

Sacramento, CA 95826

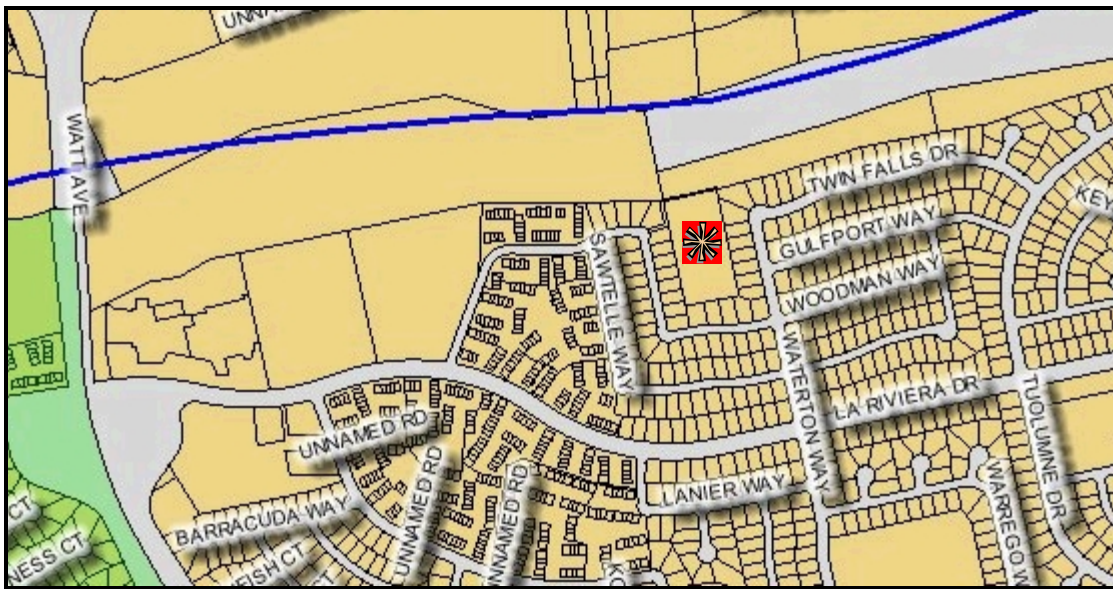
Project #5

Department: Water Resources

Estimated Project Cost: \$1,782,500

Expected Completion Date: 2016

Funding Sources: Storm Water Utility (SWU) Capital Construction Fund



Project Description:

This project will alleviate garage, yard, and street flooding within the drainage system served by the pump station during SMUD power outages. The existing pump station does not have an emergency generator causing two of the three pumps to be impacted during a power outage. Therefore, to alleviate the flooding during power outages, an on-site emergency generator and electrical connections that automatically turn the generator “on” will be installed.

D10 Manlove Storm Drain Pump Station Generator Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	0	0	1,350,000	0	0	1,350,000
Project Management/ Design	0	0	0	32,500	25,000	10,000	0	67,500
Consultant Services	0	0	0	202,500	0	0	0	202,500
Construction Inspection	0	0	0	0	40,500	94,500	0	135,000
Misc. Project Costs	0	0	0	12,500	15,000	0	0	27,500
TOTAL	0	0	0	247,500	1,430,500	104,500	0	1,782,500

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	0	0	0	247,500	1,430,500	104,500	0	1,782,500

NOTE: Construction Costs are encumbered in Fiscal Year 2015-16, but spent in Fiscal Years 2015-16 & 2016-17.

El Camino Avenue Transportation Project – Phase 1

Sacramento, CA 95821

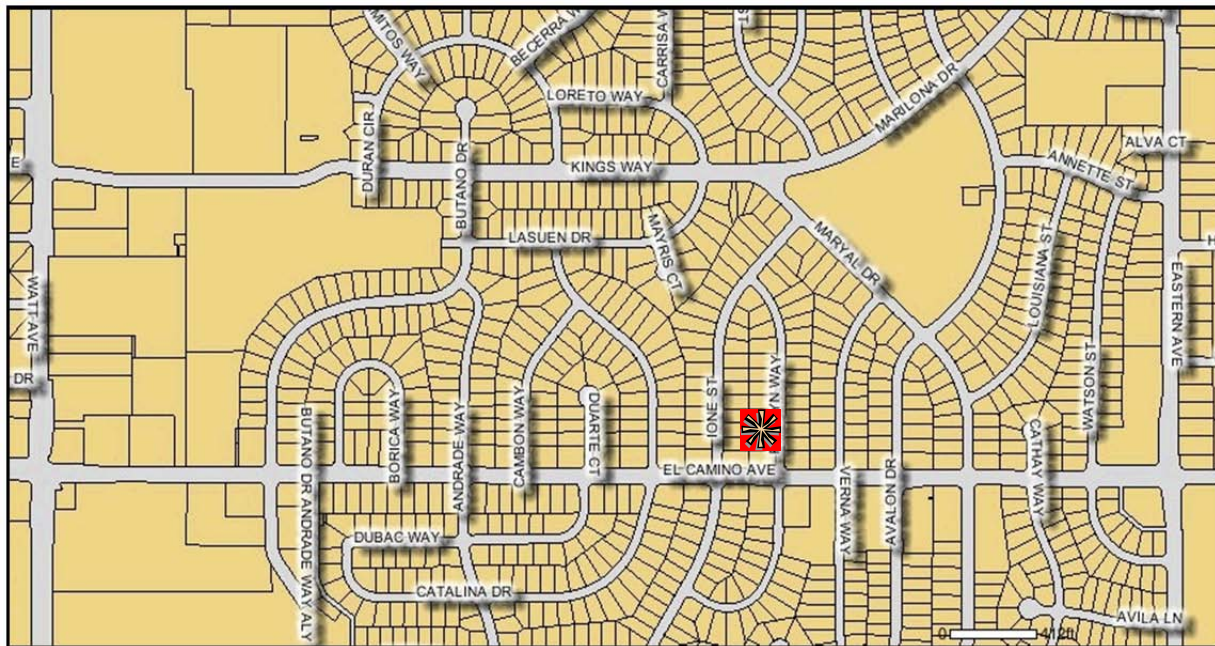
Project #6

Department: Water Resources

Estimated Project Cost: \$448,329

Expected Completion Date: 2017

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project was part of the Kings Way/Verna Way Storm Drain Improvement Project. The project was separated to coordinate storm drain improvements with the County of Sacramento Department of Transportation (DOT) El Camino Avenue – Street and Sidewalk Improvements Phase 1-Watt Avenue To Mission Avenue project. The project has been delayed until funding is available for DOT to construct this portion of their project. This project in conjunction with the Kings Way/Verna Way Storm Drain Improvement Project will alleviate structure, garage, yard, and street flooding in the surrounding streets near the intersection of Kings Way and Maryal Drive. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Kings Way, Marilona Drive, Maryal Drive, Lasuen Drive, and Verna Way.

El Camino Avenue Transportation Project - Phase 1

Project Costs	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover	Fiscal Year 2014-15 Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total
Construction Costs	0	0	0	0	0	300,000	0	300,000
Project Management/ Design	43,997	0	0	0	0	15,000	10,000	68,997
Construction Inspection	0	0	0	0	0	13,500	31,500	45,000
Misc. Project Costs	1,332	0	0	0	15,000	18,000	0	34,332
TOTAL	45,329	0	0	0	15,000	346,500	41,500	448,329

Funding Sources	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover	Fiscal Year 2014-15 Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total
SWU Capital Construction Fund	45,329	0	0	0	15,000	346,500	41,500	448,329

NOTE: Construction Costs are encumbered in Fiscal Year 2016-17, but spent in Fiscal Years 2016-17 & 2017-18.

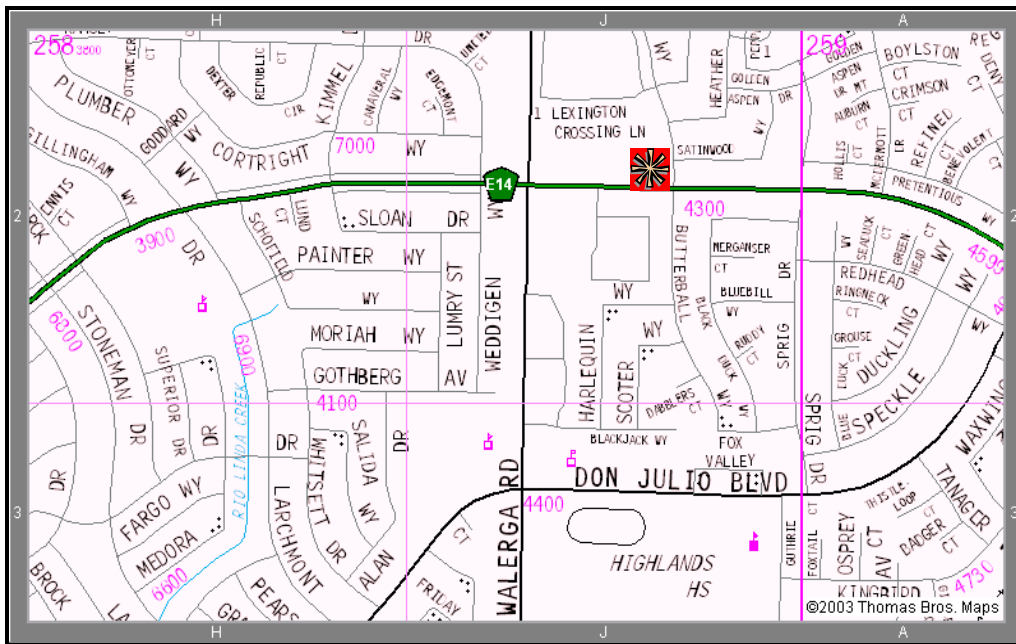
Elkhorn Boulevard/Schofield Way Storm Drain Improvement - Phase 3
 Sacramento, CA 95842 Project #7

Department: Water Resources

Estimated Project Cost: \$3,075,983

Expected Completion Date: 2013

Funding Sources: Storm Water Utility (SWU)
 Capital Construction Fund



Project Description:

This project, in conjunction with the Black Duck Way/Harlequin Way Storm Drain Improvement Project, will alleviate house, garage, yard, and street flooding along Black Duck Way, Butterball Way, Harlequin Way, Lumry Street, Sea Duck Court, Weddigen Way, and other surrounding streets. The project has been constructed in three phases. The first two phases were built in the spring and summer of 2011 and 2012. The third phase is under construction now with an anticipated end date of October 2013.

The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, a new storm drain trunk line was designed for Schofield Way and Elkhorn Boulevard from Schofield Way to McDermott Drive. In addition, improvements were designed for the channel culvert at Larchmont Drive and the channel lining between Larchmont Drive and Schofield Way. The first two phases installed the trunk line in Schofield Way and Elkhorn Boulevard up to Weddigen Way, improved the channel culvert, and upgraded the channel lining. In this final phase, the remaining portion of the trunk line in Elkhorn Boulevard is being installed from Weddigen Way to McDermott Drive.

Operating Budget Impact:

The completion of this project has no measurable impact on the operating budget.

Elkhorn Boulevard/Schofield Way Storm Drain Improvement - Phase 3

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
Construction Costs	0	2,076,796	207,680	0	0	0	2,284,476
Project Management/ Design	491,743	0	78,784	0	0	0	570,527
Construction Inspection	45,090	0	130,000	0	0	0	175,090
Misc. Project Costs	25,890	0	20,000	0	0	0	45,890
TOTAL	562,723	2,076,796	436,464	0	0	0	3,075,983

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	562,723	2,076,796	436,464	0	0	0	3,075,983

NOTE: Construction Costs are encumbered in Fiscal Year 2012-13, but spent in Fiscal Years 2013-14.

Femoyer Street Outfall Storm Drain Improvement

Mather, CA 95655

Project #8

Department: Water Resources

Estimated Project Cost: \$272,243

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund & Mather Facilities Fund



Project Description:

This project will alleviate street flooding on Femoyer Street. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainline and outfall structure) will be installed from Femoyer Street to the drainage channel within an existing drainage easement.

Femoyer Street Outfall Storm Drain Improvement

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	223,300	0	0	0	0	223,300
Project Management/ Design	793	0	11,150	0	0	0	0	11,943
Consultant Services	0	0	0	0	0	0	0	0
Construction Inspection	0	0	20,000	0	0	0	0	20,000
Misc. Project Costs	0	0	17,000	0	0	0	0	17,000
TOTAL	793	0	271,450	0	0	0	0	272,243

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	793	0	11,450	0	0	0	0	12,243
Mather Facilities Fund	0	0	260,000	0	0	0	0	260,000
TOTAL	793	0	271,450	0	0	0	0	272,243

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

Florin Road/Frasinetti Road Storm Drain Improvement

Sacramento, CA 95828

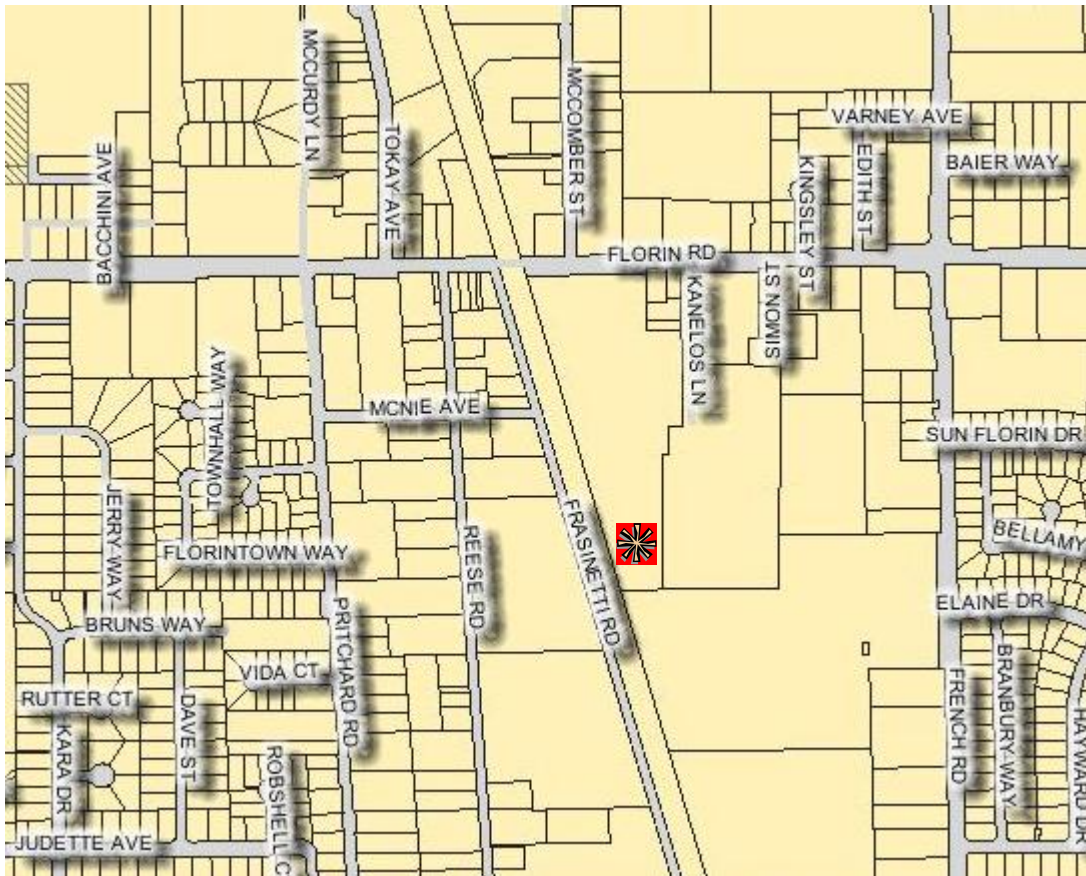
Project #9

Department: Water Resources

Estimated Project Cost: \$353,312

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate industrial business property flooding along the Union Pacific Railroad tracks south of Florin Road. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (railroad culvert and drainage ditches) will be made along Frasinetti Road.

Florin Road/Frasinetti Road Storm Drain Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	164,000	0	0	0	0	164,000
Project Management/ Design	32,000	0	84,512	0	0	0	0	116,512
Construction Inspection	0	0	32,800	0	0	0	0	32,800
Misc. Project Costs	0	0	40,000	0	0	0	0	40,000
TOTAL	32,000	0	321,312	0	0	0	0	353,312

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	32,000	0	321,312	0	0	0	0	353,312

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

Kentfield Drive/Watt Avenue Storm Drain Improvement

Sacramento, CA 95821

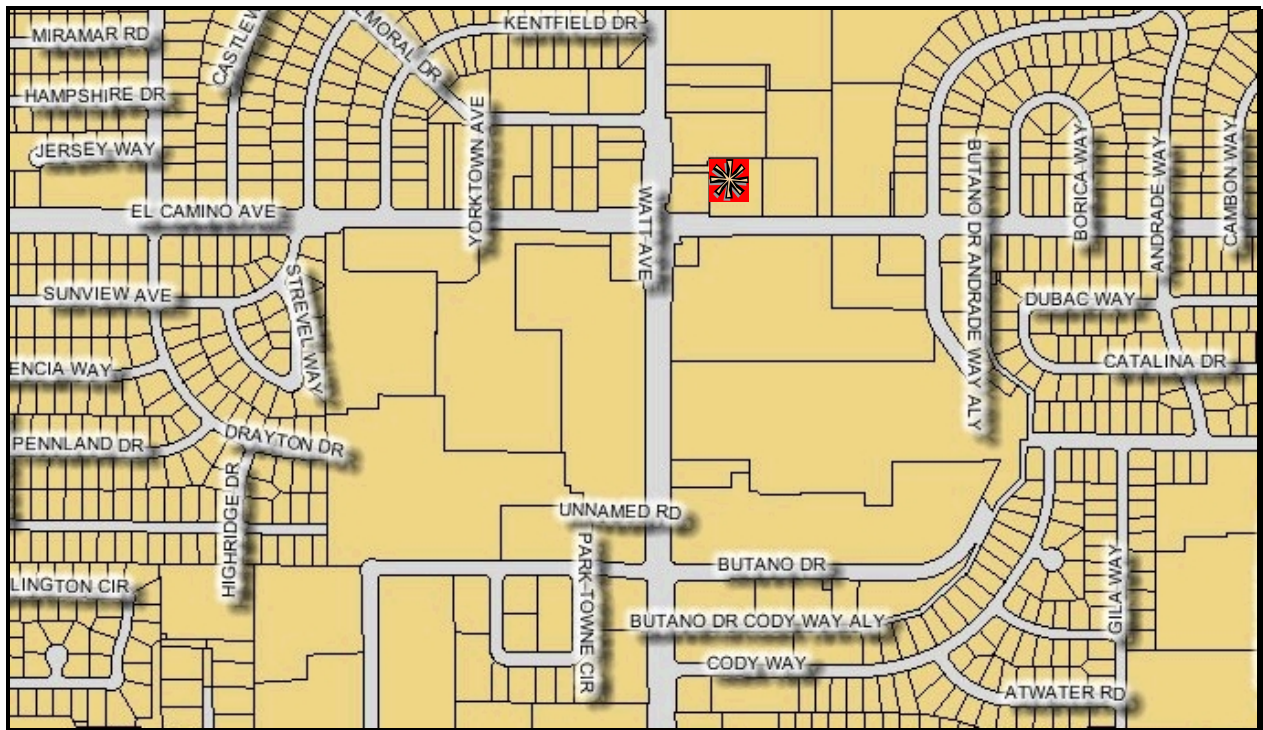
Project #10

Department: Water Resources

Estimated Project Cost: \$1,018,306

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate structure, garage, yard, and street flooding in the surrounding streets near the intersection of Watt Avenue and El Camino Avenue. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Watt Avenue, El Camino Avenue, and Kentfield Drive.

Kentfield Drive/Watt Avenue Storm Drain Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
Construction Costs	0	0	660,000	0	0	0	660,000
Project Management/ Design	99,765	0	120,541	15,000	0	0	235,306
Construction Inspection	0	0	80,000	0	0	0	80,000
Misc. Project Costs	19,500	0	23,500	0	0	0	43,000
TOTAL	119,265	0	884,041	15,000	0	0	1,018,306

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	119,265	0	884,041	15,000	0	0	1,018,306

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

Kings Way/Verna Way Storm Drain Improvement

Sacramento, CA 95821

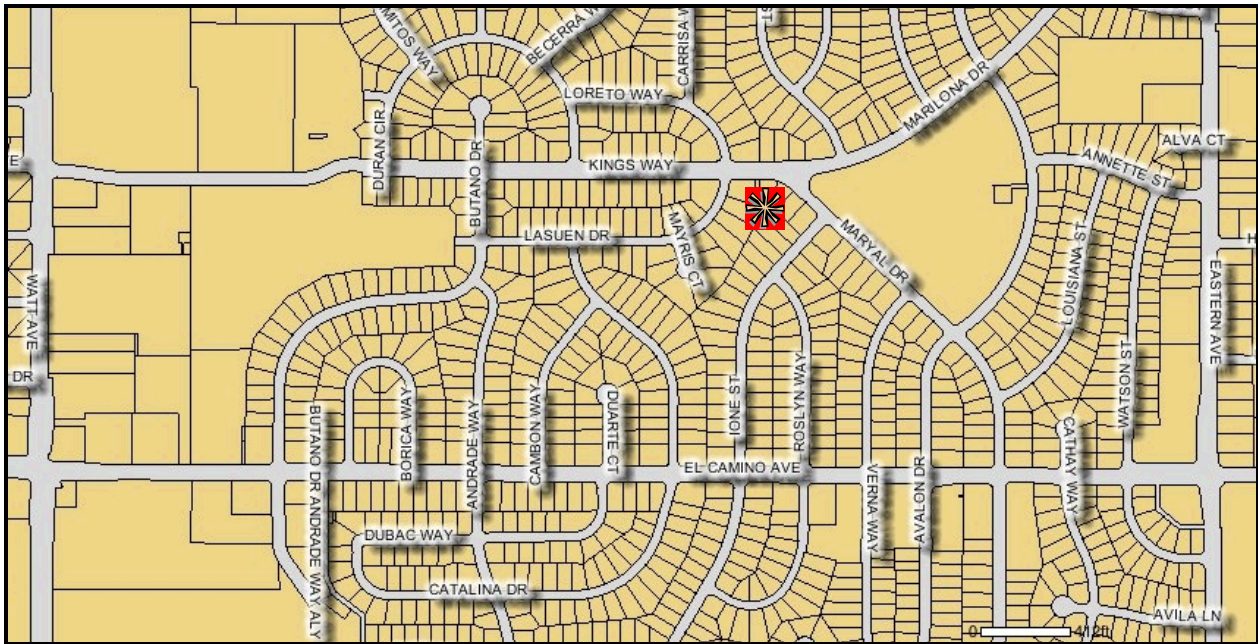
Project #11

Department: Water Resources

Estimated Project Cost: \$990,962

Expected Completion Date: 2017

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate structure, garage, yard, and street flooding in the surrounding streets near the intersection of Kings Way and Maryal Drive. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Kings Way, Marilona Drive, Maryal Drive, Lasuen Drive, and Verna Way.

Kings Way/Verna Way Storm Drain Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	0	0	0	700,000	0	700,000
Project Management/ Design	90,129	0	53,383	0	0	15,000	10,000	168,512
Construction Inspection	0	0	0	0	0	21,000	49,000	70,000
Misc. Project Costs	10,950	0	16,500	0	0	25,000	0	52,450
TOTAL	101,079	0	69,883	0	0	761,000	59,000	990,962

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	101,079	0	69,883	0	0	761,000	59,000	990,962

NOTE: Construction Costs are encumbered in Fiscal Year 2016-17, but spent in Fiscal Years 2016-17 & 2017-18.

Kovanda Avenue Storm Drain Improvement

Carmichael, CA 95608

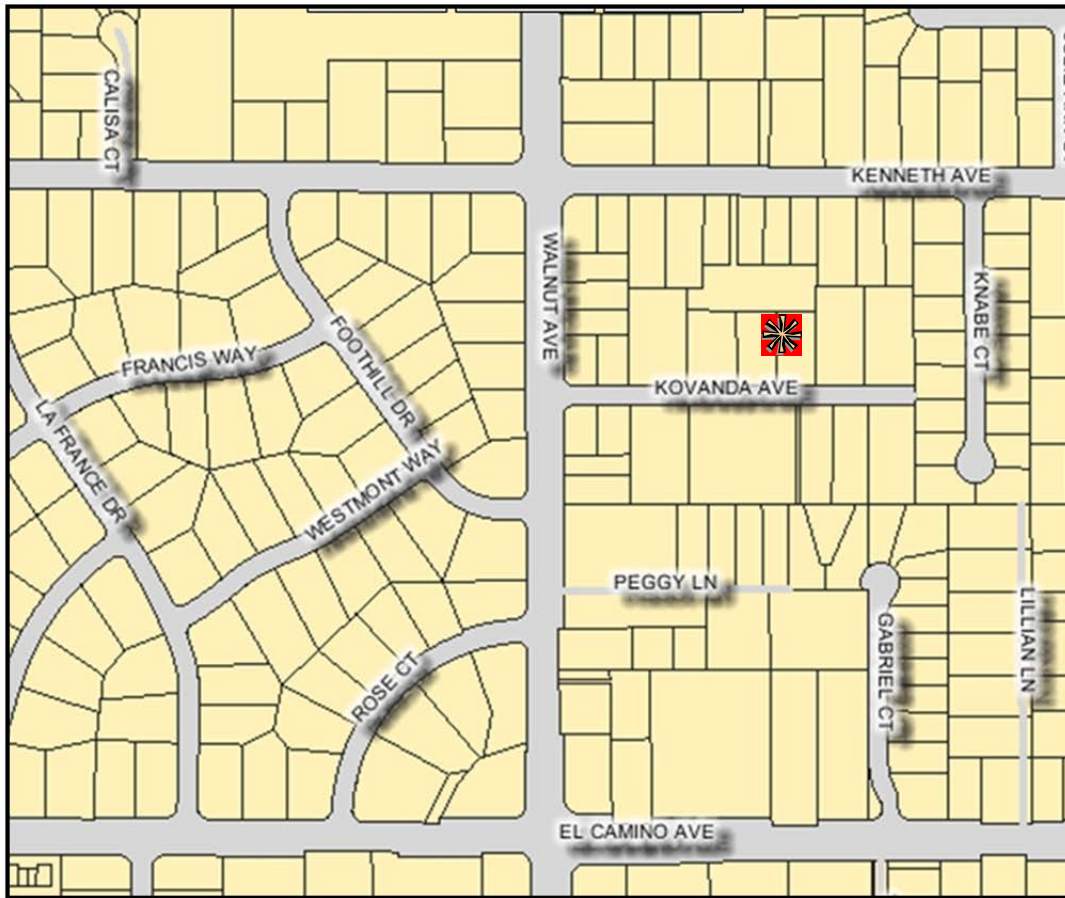
Project #12

Department: Water Resources

Estimated Project Cost: \$447,873

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate garage, yard, and street flooding on Kovanda Avenue. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Kovanda Avenue.

Kovanda Avenue Storm Drain Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
Construction Costs	0	0	274,000	0	0	0	274,000
Project Management/ Design	79,942	0	42,431	0	0	0	122,373
Construction Inspection	0	0	30,000	0	0	0	30,000
Misc. Project Costs	7,500	0	14,000	0	0	0	21,500
TOTAL	87,442	0	360,431	0	0	0	447,873

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	87,442	0	360,431	0	0	0	447,873

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

Mather Dam Improvement

Sacramento, CA 95655

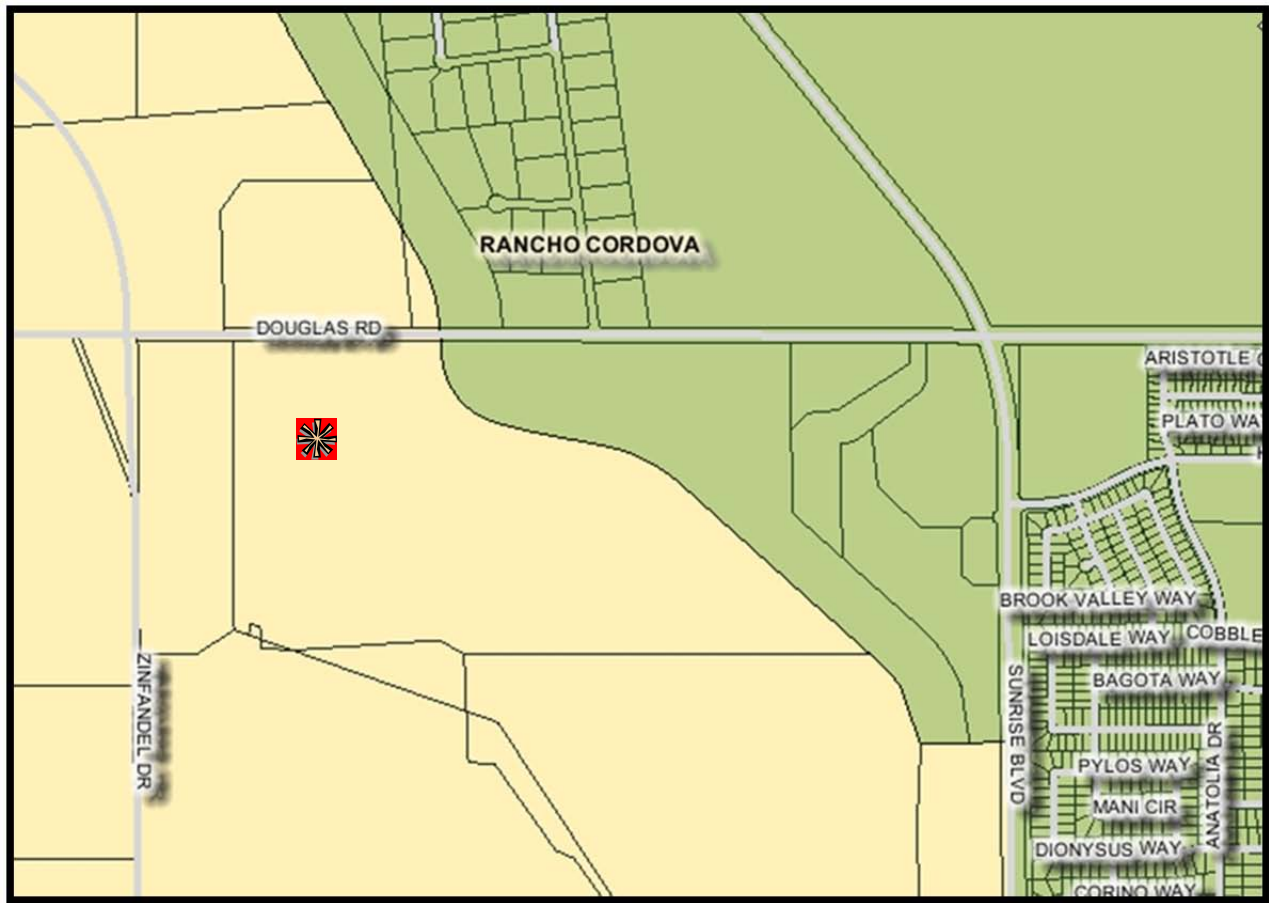
Project #13

Department: Water Resources

Estimated Project Cost: \$6,423,376

Expected Completion Date: 2015

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund & USAF Cooperative Agreement



Project Description:

This project will construct a new spillway, remove existing trees and roots, repair rodent damage, and improve soil composition and compaction to meet State of California, Division of Safety of Dams compliance standards.

Mather Dam Improvement

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	0	4,901,180	0	0	0	4,901,180
Project Management/ Design	76,511	0	132,349	50,000	25,000	0	0	283,860
Consultant Services	53,752	0	404,000	0	0	0	0	457,752
Construction Inspection	0	0	0	75,000	175,000	0	0	250,000
Misc. Project Costs	10,584	0	455,000	65,000	0	0	0	530,584
TOTAL	140,847	0	991,349	5,091,180	200,000	0	0	6,423,376

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	140,847	0	641,349	4,541,180	-4,250,000	0	0	1,073,376
US Air Force Cooperative Agreement	0	0	350,000	550,000	4,450,000	0	0	5,350,000
TOTAL	140,847	0	991,349	5,091,180	200,000	0	0	6,423,376

NOTE: Construction Costs are encumbered in Fiscal Year 2014-15, but spent in Fiscal Years 2014-15 & 2015-16.

Miramar Storm Drain Improvement

Sacramento, CA 95821

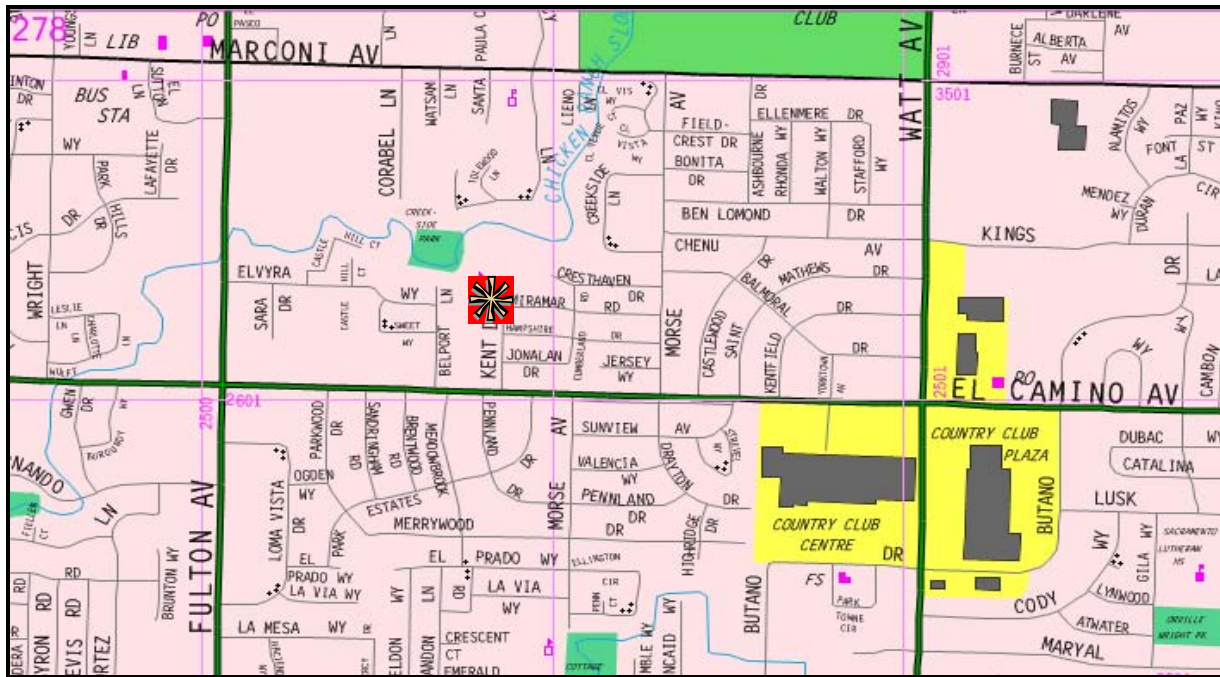
Project #14

Department: Water Resources

Estimated Project Cost: \$472,630

Expected Completion Date: 2016

Funding Sources: Storm Water Utility (SWU) Capital Construction Fund



Project Description:

This project will improve drainage on Miramar Road, Cumberland Road, Jonalan Drive, and Kent Drive. This storm drain system is comprised of six inch and eight inch diameter pipe with 14x14, type D, and type E drain inlets. There has been history of street and yard flooding as well as cracking in the pipe. The project would require installation of 1235 lateral feet of twelve inch pipe, 223 lateral feet of eighteen inch pipe, four type B drain inlets, four type C drain inlets, and six storm drain manholes.

Miramar Storm Drain Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	0	0	330,000	0	0	330,000
Project Management/ Design	5,130	0	0	0	30,000	15,000	0	50,130
Construction Inspection	0	0	0	0	15,000	35,000	0	50,000
Misc. Project Costs	0	0	0	0	7,500	35,000	0	42,500
TOTAL	5,130	0	0	0	382,500	85,000	0	472,630

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	5,130	0	0	0	382,500	85,000	0	472,630

NOTE: Construction Costs are encumbered in Fiscal Year 2015-16, but spent in Fiscal Years 2015-16 & 2016-17.

Ravenwood Avenue Storm Drain Improvement

Sacramento, CA 95821

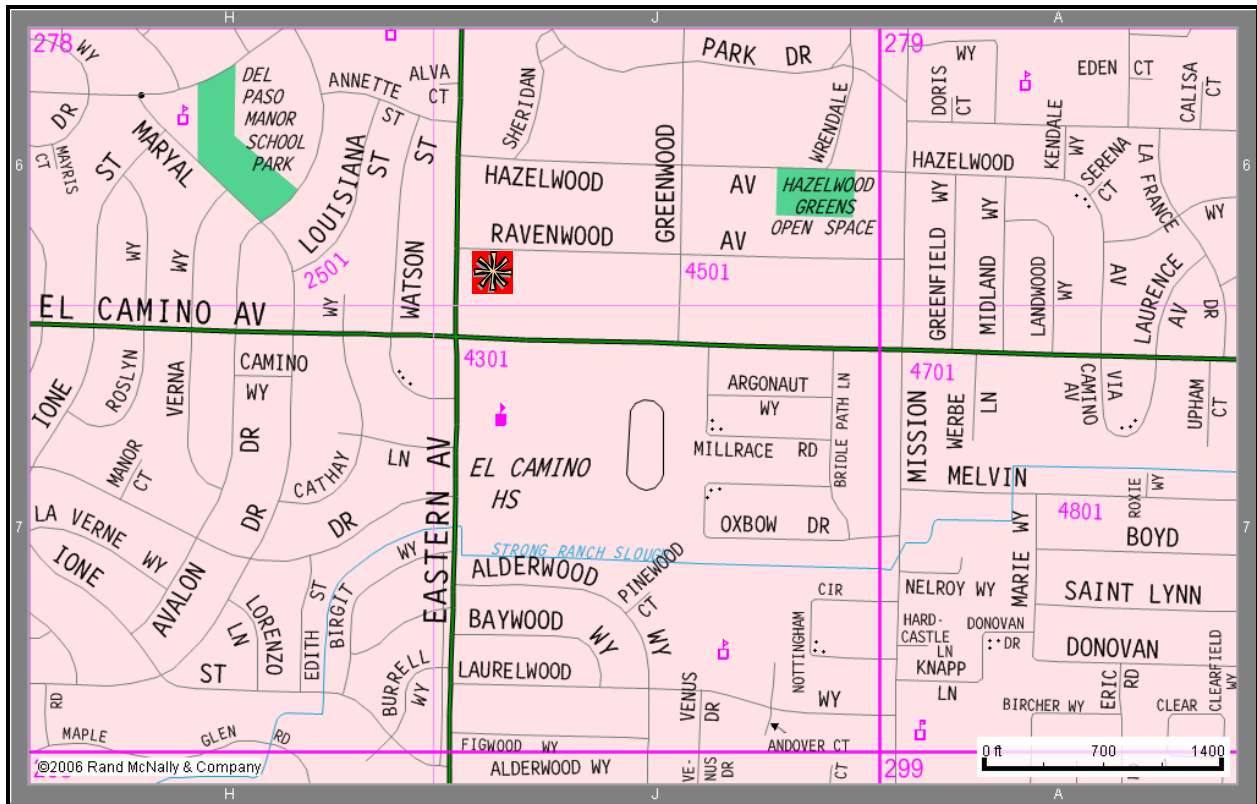
Project #15

Department: Water Resources

Estimated Project Cost: \$2,155,261

Expected Completion Date: 2015

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate structure, garage, yard, and street flooding along Cathay Way, Hazelwood Avenue, Louisiana Street, and Ravenwood Avenue. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Eastern Avenue, El Camino Avenue, Louisiana Street, Maryal Drive, Hazelwood Avenue, and Ravenwood Avenue.

Ravenwood Avenue Storm Drain Improvement

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	1,614,000	0	0	0	1,614,000
Project Management/ Design	148,451	0	128,752	30,000	15,000	0	0	322,203
Construction Inspection	0	0	0	48,420	112,980	0	0	161,400
Misc. Project Costs	2,158	0	27,500	28,000	0	0	0	57,658
TOTAL	150,609	0	156,252	1,720,420	127,980	0	0	2,155,261

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	150,609	0	156,252	1,720,420	127,980	0	0	2,155,261

NOTE: Construction Costs are encumbered in Fiscal Year 2014-15, but spent in Fiscal Years 2014-15 & 2015-16.

Rich Hill Drive Storm Drain Improvement

Orangevale, CA 95662

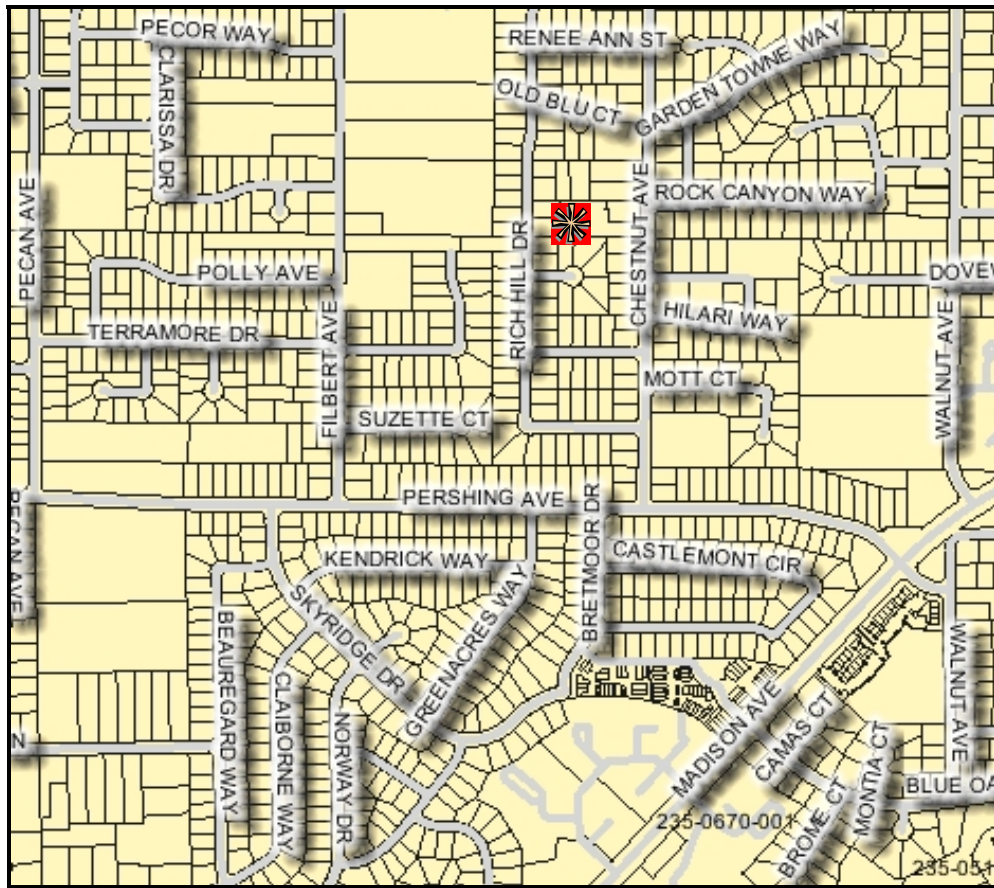
Project #16

Department: Water Resources

Estimated Project Cost: \$1,469,569

Expected Completion Date: 2018

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate structure, garage, yard, and street flooding along Bobbeck Court, Chestnut Avenue, Garden Towne Way, Mott Court, Rich Hill Drive, Rock Canyon Way, Sherilee Way, Suzette Court, and Terramore Drive. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Bobbeck Court, Chestnut Avenue, Filbert Avenue, Mott Court, Pershing Avenue, Rich Hill Drive, Sherrilee Way, and Suzette Court.

Rich Hill Drive Storm Drain Improvement

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	0	0	0	1,158,000	1,158,000
Project Management/ Design	129,269	0	0	0	0	0	30,000	159,269
Construction Inspection	0	0	0	0	0	0	115,800	115,800
Misc. Project Costs	0	0	0	0	0	11,500	25,000	36,500
TOTAL	129,269	0	0	0	0	11,500	1,328,800	1,469,569

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	129,269	0	0	0	0	11,500	1,328,800	1,469,569

NOTE: Construction Costs are encumbered in Fiscal Year 2017-18, but spent in Fiscal Years 2017-18 & 2018-19.

Rowena Way Storm Drain Improvement

Sacramento, CA 95864

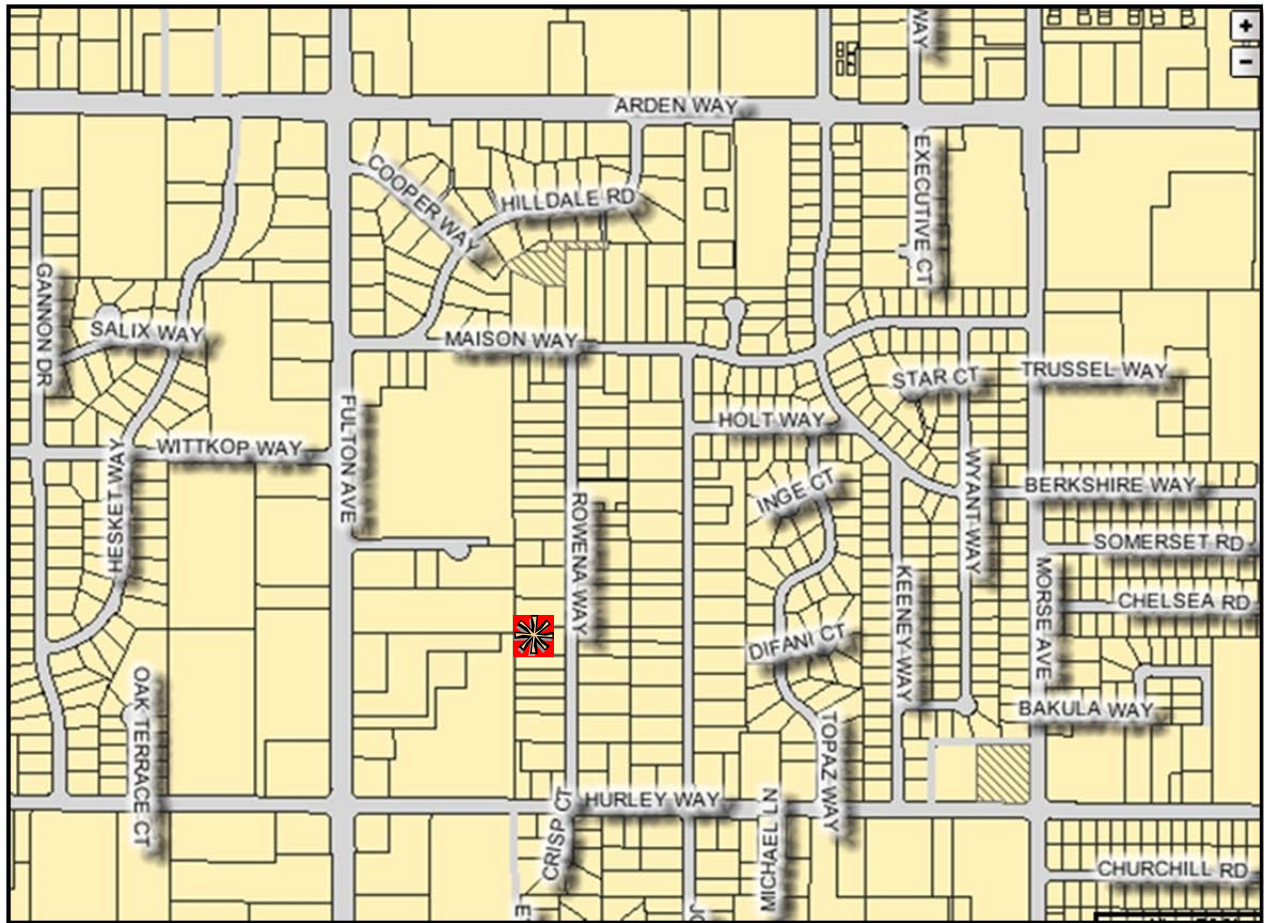
Project #17

Department: Water Resources

Estimated Project Cost: \$458,816

Expected Completion Date: 2014

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund



Project Description:

This project will alleviate structure, garage, yard, and street flooding on Rowena Way. The existing storm drain system is undersized compared to current storm runoff design standards. Therefore, to alleviate the flooding, storm drain system improvements (mainlines, laterals, and drainage inlets) will be made along Rowena Way.

Rowena Way Storm Drain Improvement

Project Costs	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
Construction Costs	0	0	286,000	0	0	0	286,000
Project Management/ Design	54,076	0	58,665	0	0	0	112,741
Construction Inspection	0	0	34,800	0	0	0	34,800
Misc. Project Costs	10,775	0	14,500	0	0	0	25,275
TOTAL	64,851	0	393,965	0	0	0	458,816

Funding Sources	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	64,851	0	393,965	0	0	0	458,816

NOTE: Construction Costs are encumbered in Fiscal Year 2013-14, but spent in Fiscal Years 2013-14 & 2014-15.

Silver Legends Storm Drain Improvement

Sacramento, CA 95829

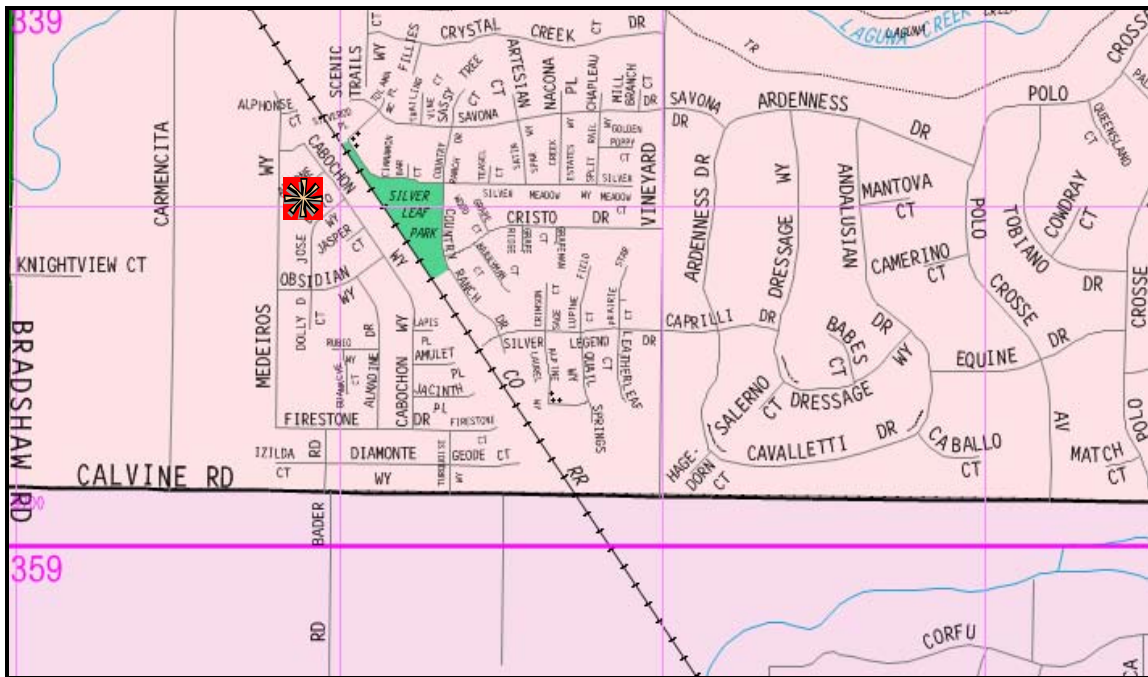
Project #18

Department: Water Resources

Estimated Project Cost: \$148,458

Expected Completion Date: 2017

Funding Sources: Storm Water Utility (SWU) Capital Construction Fund



Project Description:

This project will improve drainage adjacent to the D22 Silver Legends Pump Station by relocating the discharge to a recently placed drainage system directly south of the existing pump station. This project will include the removal of the existing drainage outlet, installation of 700 linear feet of storm drain pipe and connection and modification to the downstream manhole.

Silver Legends Storm Drain Improvement

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	0	0	96,000	0	96,000
Project Management/ Design	4,958	0	0	0	0	10,000	10,000	24,958
Construction Inspection	0	0	0	0	0	6,000	14,000	20,000
Misc. Project Costs	0	0	0	0	0	7,500	0	7,500
TOTAL	4,958	0	0	0	0	119,500	24,000	148,458

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14		2014-15	2015-16	2016-17	2017-18	
	Expenses	PY Rollover	Budget	Budget	Budget	Budget	Budget	
SWU Capital Construction Fund	4,958	0	0	0	0	119,500	24,000	148,458

NOTE: Construction Costs are encumbered in Fiscal Year 2016-17, but spent in Fiscal Years 2016-17 & 2017-18.

Storm Drain Pump Stations Rehabilitation – Phase 3

Sacramento County

Project #19

Department: Water Resources

Estimated Project Cost: \$1,272,169

Expected Completion Date: 2016

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund

Project Description:

This project will upgrade two storm drain pump stations. This project will upgrade electrical systems and make minor site improvements. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance difficulties. The minor site improvements will correct long-standing maintenance issues.

Storm Drain Pump Stations Rehabilitation - Phase 3

Project Costs	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
Construction Costs	0	0	0	0	1,000,000	0	0	1,000,000
Project Management/ Design	7,169	0	0	10,000	25,000	10,000	0	52,169
Consultant Services	0	0	0	100,000	0	0	0	100,000
Construction Inspection	0	0	0	0	30,000	70,000	0	100,000
Misc. Project Costs	0	0	0	10,000	10,000	0	0	20,000
TOTAL	7,169	0	0	120,000	1,065,000	80,000	0	1,272,169

Funding Sources	Prior	Fiscal Year		Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total
	Years	2013-14	2014-15	2015-16	2016-17	2017-18		
	Expenses	PY Rollover	Budget	Budget	Budget	Budget		
SWU Capital Construction Fund	7,169	0	0	120,000	1,065,000	80,000	0	1,272,169

NOTE: Construction Costs are encumbered in Fiscal Year 2015-16, but spent in Fiscal Years 2015-16 & 2016-17.

Storm Drain Pump Stations Rehabilitation – Phase 4

Sacramento County

Project #20

Department: Water Resources

Estimated Project Cost: \$1,272,169

Expected Completion Date: 2017

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund

Project Description:

This project will upgrade two storm drain pump stations. This project will upgrade electrical systems and make minor site improvements. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance difficulties. The minor site improvements will correct long-standing maintenance issues.

Storm Drain Pump Stations Rehabilitation - Phase 4

Project Costs	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total	
Construction Costs	0	0	0	0	0	1,000,000	0	1,000,000
Project Management/ Design	7,169	0	0	0	10,000	25,000	10,000	52,169
Consultant Services	0	0	0	0	100,000	0	0	100,000
Construction Inspection	0	0	0	0	0	30,000	70,000	100,000
Misc. Project Costs	0	0	0	0	10,000	10,000	0	20,000
TOTAL	7,169	0	0	0	120,000	1,065,000	80,000	1,272,169

Funding Sources	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total	
SWU Capital Construction Fund	7,169	0	0	0	120,000	1,065,000	80,000	1,272,169

NOTE: Construction Costs are encumbered in Fiscal Year 2016-17, but spent in Fiscal Years 2016-17 & 2017-18.

Storm Drain Pump Stations Rehabilitation – Phase 5

Sacramento County

Project #21

Department: Water Resources

Estimated Project Cost: \$1,272,169

Expected Completion Date: 2018

Funding Sources: Storm Water Utility (SWU)
Capital Construction Fund

Project Description:

This project will upgrade two storm drain pump stations. This project will upgrade electrical systems and make minor site improvements. The electrical system upgrades will replace outdated equipment to improve station reliability and decrease maintenance difficulties. The minor site improvements will correct long-standing maintenance issues.

Storm Drain Pump Stations Rehabilitation - Phase 5

Project Costs	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total
Construction Costs	0	0	0	0	0	0	1,000,000
Project Management/ Design	7,169	0	0	0	0	10,000	35,000
Consultant Services	0	0	0	0	0	100,000	0
Construction Inspection	0	0	0	0	0	0	100,000
Misc. Project Costs	0	0	0	0	0	10,000	10,000
TOTAL	7,169	0	0	0	0	120,000	1,145,000

Funding Sources	Prior Years Expenses	Fiscal Year 2013-14 PY Rollover Budget	Fiscal Year 2014-15 Budget	Fiscal Year 2015-16 Budget	Fiscal Year 2016-17 Budget	Fiscal Year 2017-18 Budget	Total
SWU Capital Construction Fund	7,169	0	0	0	0	120,000	1,145,000

NOTE: Construction Costs are encumbered in Fiscal Year 2017-18, but spent in Fiscal Years 2017-18 & 2018-19.

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