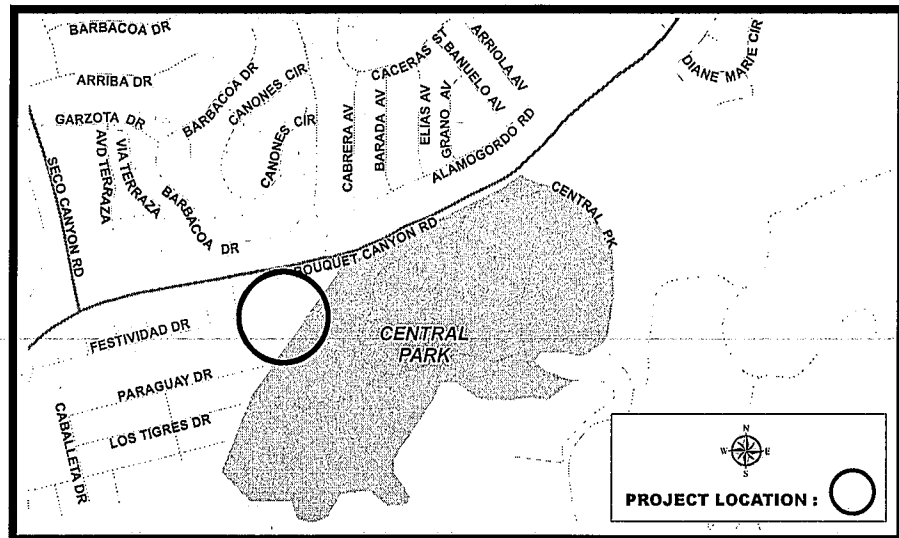


BOUQUET CANYON CREEK RESTORATION

Project Number: R4001

Project Location:
Bouquet Canyon Creek
adjacent to Central
Park.



Description: This effort will acquire and restore a three-acre section of Bouquet Canyon Creek adjacent to Central Park. The effort will prevent erosion by providing improved vegetation sites to promote and maintain the natural value of this waterway.

Justification: This effort will restore the creek's natural value. Additionally, the City is bound by an agreement with the Santa Clarita Organization for Planning the Environment (SCOPE) to acquire and restore this section of the waterway.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Travis Lange

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	50,575	0	0	0	0	0	50,575
Right-of-Way	15,950	0	0	0	0	0	15,950
Construction	0	4,000	0	0	0	0	4,000
Inspection & Admin	60,000	0	0	0	0	0	60,000
Contingency	10,000	0	0	0	0	0	10,000
Total Costs:	\$136,525	\$4,000	\$0	\$0	\$0	\$0	\$140,525

Project Funding:

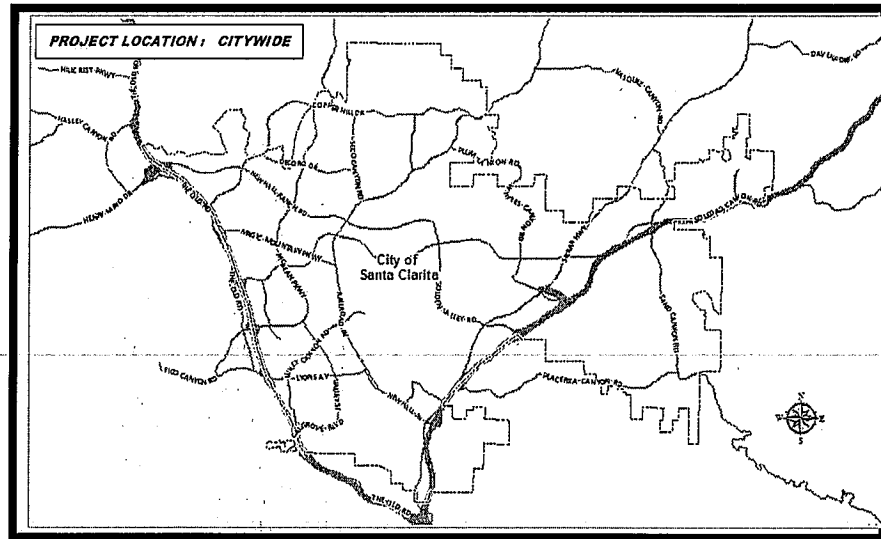
<u>Funding Source:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
DBAA	38,000	4,000	0	0	0	0	42,000
Dev. Fees (SCOPE)	25,000	0	0	0	0	0	25,000
General Fund	11,000	0	0	0	0	0	11,000
RWCQG SEP Grant	62,525	0	0	0	0	0	62,525
Misc Grant	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$136,525	\$4,000	\$0	\$0	\$0	\$0	\$140,525

Impact On Operations: None.

CATCH BASIN TRASH EXCLUDERS

Project Number: R0010

Project Location:
City wide.



Description: The new Stormwater permit requires the City install trash excluders on all catch basins known for having high trash/debris generation. Trash excluders are placed either on or inside catch basins to prevent trash from entering the storm drain and the river. There are 19 catch basins in the City that are determined to be in this category.

Justification: This is a requirement of the NPDES permit, which will help to reduce the time staff uses to clean out the storm drains. Staff has done research into the cost to purchase and install the equipment. Installation of the excluders will improve efficiency for the stormwater staff because the trash/debris will be blocked from entering the storm drain system, allowing for minimized cleaning time throughout the year.

Project Status: Proposed. **Department:** Public Works **Project Supervisor:** Travis Lange

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	0	1,500	0	0	0	0	1,500
Right-of-Way	0	0	0	0	0	0	0
Construction	0	35,000	0	0	0	0	35,000
Inspection & Admin	0	0	0	0	0	0	0
Contingency	0	1,500	0	0	0	0	1,500
Total Costs:	\$0	\$38,000	\$0	\$0	\$0	\$0	\$38,000

Project Funding:

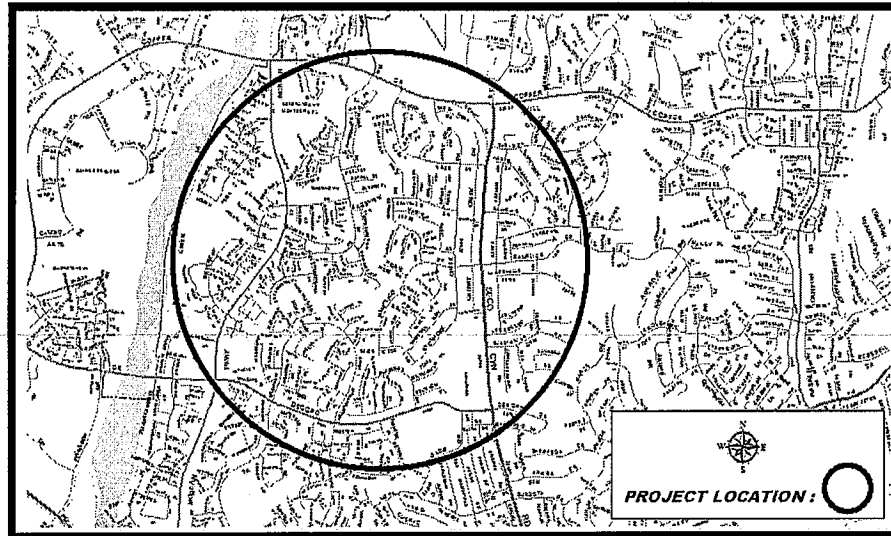
<u>Funding Source:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Storm Water Utility	0	38,000	0	0	0	0	38,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$38,000	\$0	\$0	\$0	\$0	\$38,000

Impact On Operations: Savings due to anticipated reduction in storm drain cleaning efforts.

**PASEO LIGHTS
CONVERSION TO LIGHT-EMITTING DIODES**

Project Number: R1002

Project Location:
LMD Zone T-46,
Northbridge.



Description: This project will replace the 420 "shoebox" paseo light pole heads which use sodium vapor technology with "shoebox" paseo light pole heads that use light-emitting diode (LED) technology.

Justification: This proposed project reduces the amount of kilowatts used on the existing lights by 61%.

Project Status: Proposed. **Department:** Administrative Services **Project Supervisor:** Dennis Luppens

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	0	15,000	0	0	0	0	15,000
Right-of-Way	0	0	0	0	0	0	0
Construction	0	342,300	0	0	0	0	342,300
Inspection & Admin	0	37,400	0	0	0	0	37,400
Contingency	0	0	0	0	0	0	0
Total Costs:	\$0	\$394,700	\$0	\$0	\$0	\$0	\$394,700

Project Funding:

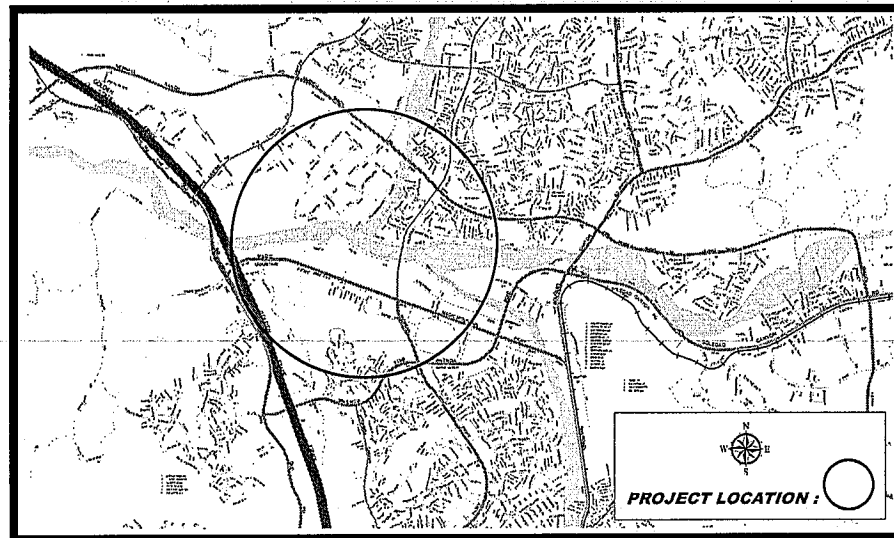
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
LMD Zone T-46	0	394,700	0	0	0	0	394,700
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$394,700	\$0	\$0	\$0	\$0	\$394,700

Impact On Operations: 61% reduction in energy costs.

SANTA CLARA RIVER PLANT REMOVAL

Project Number: R4002

Project Location:
Upper Santa Clara River.



Description: This project will manage invasive arundo and tamarisk, as well as other invasive plants from the City-owned portions of the Santa Clara River. The demonstration site, which raised awareness of the issue, focused on the 297 acres between Bouquet Canyon Road/Saugus Water Reclamation Plant and Interstate 5. The project also educates private property owners on removing invasive and noxious weeds.

Justification: The City successfully obtained grant funds from IRWMP/Proposition 84 and a Sanitation District Supplemental Environmental Project to continue the arundo and tamarisk management effort. Removing these plants is highly desirable, as these plants out-compete native vegetation, waste valuable groundwater and vernal pools, degrade water quality, increase fire hazards in the area, and obstruct water flow, which can lead to erosion problems. The City is working with a local task force to remove these invasive and noxious weeds from City-owned property along the Santa Clara River and its tributaries.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Travis Lange

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Environ/NPDES	80,000	20,000	0	0	0	0	100,000
Design/Plan Review	0	0	0	0	0	0	0
Right-of-Way	0	0	0	0	0	0	0
Construction	300,000	235,155	0	0	0	0	535,155
Inspection & Admin	80,000	20,000	0	0	0	0	100,000
Contingency	8,178	20,000	0	0	0	0	28,178
Total Costs:	\$468,178	\$295,155	\$0	\$0	\$0	\$0	\$763,333

Project Funding:

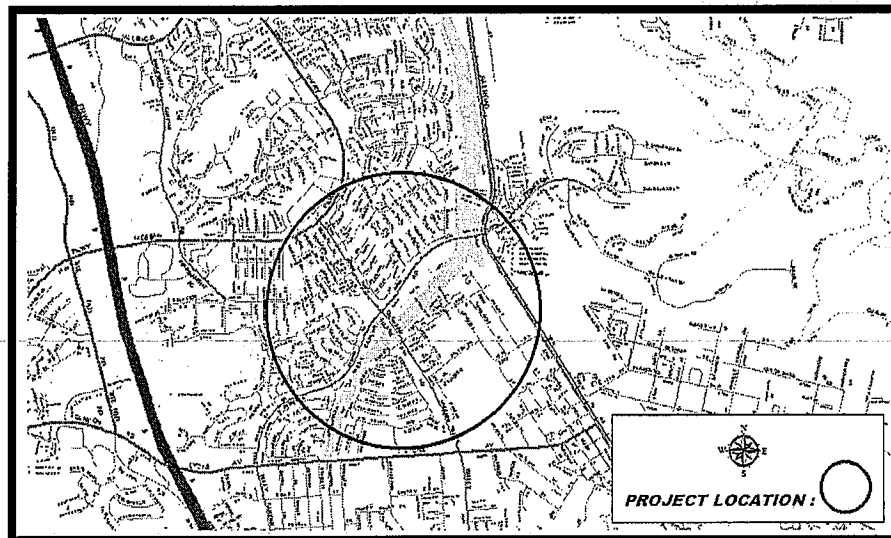
<u>Funding Source:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Federal Grant	83,934	0	0	0	0	0	83,934
IRWMP/Prop.84	24,845	295,155	0	0	0	0	320,000
RWCQB SEP Grant	359,399	0	0	0	0	0	359,399
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$468,178	\$295,155	\$0	\$0	\$0	\$0	\$763,333

Impact On Operations: None.

VALENCIA REFORESTATION PROGRAM

Project Number: R1001

Project Location:
Valencia community
east of McBean, north
of Via Princessa and
east of Railroad Avenue.



Description: This five-year reforestation project will remove 20 large sycamore trees per year and reinstall appropriate replacements. Many of the large trees in this community are causing major damage to private property in the Valencia area. The selected locations include Del Monte Drive, El Paseo Drive, Estaban Drive, Carrizo Drive, John Russell Drive, Cortina Drive, Avenida Navarre, Alta Madera Road, Avenida Velarte, and Alicante Drive.

Justification: Of the 450 trees within the project area, 25 percent of the tree sites have significant damage. This five-year project will reduce the sudden impact to the community of removing too many trees in a short time frame.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Byron Moline

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	0	0	0	0	0	0	0
Right-of-Way	0	0	0	0	0	0	0
Construction	33,000	33,000	33,000	33,000	33,000	0	165,000
Inspection & Admin	0	0	0	0	0	0	0
Contingency	2,000	2,000	2,000	2,000	2,000	0	10,000
Total Costs:	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$0	\$175,000

Project Funding:

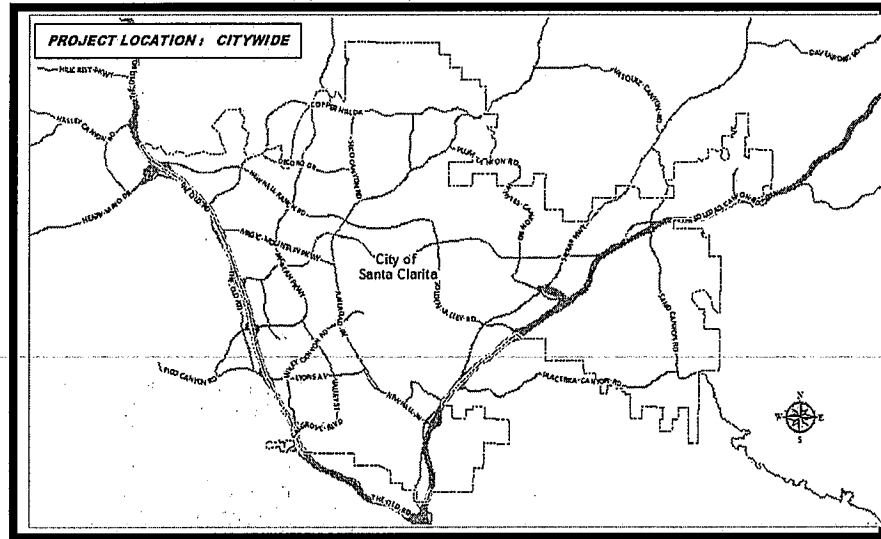
<u>Funding Source:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Developer Fees	35,000	0	0	0	0	0	35,000
Gas Tax	0	35,000	0	0	0	0	35,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	35,000	35,000	35,000	0	105,000
Total Costs:	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$0	\$175,000

Impact On Operations: None.

VFD CONTROLLERS ON POOL PUMPS

Project Number: R0011

Project Location:
Various parks City wide.



Description: The project will install Variable Frequency Drives (VFD) on the pool pumps at Santa Clarita, Newhall, and North Oaks parks pools. The VFD is the equipment that was installed at the Aquatics Complex, with support from the utility provider's rebate incentive program.

Justification: The City along with Southern California Edison determined these three pools have existing pump systems that would realize energy savings with installation of a VFD. This effort is consistent with City goals to maintain its facilities using best management practices and incorporating new technologies to reduce costs and energy consumption.

Project Status: Proposed. **Department:** Parks, Recreation & Community Services **Project Supervisor:** Ron Fierro

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	0	0	0	0	0	0	0
Right-of-Way	0	0	0	0	0	0	0
Construction	0	54,000	0	0	0	0	54,000
Inspection & Admin	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Total Costs:	\$0	\$54,000	\$0	\$0	\$0	\$0	\$54,000

Project Funding:

<u>Funding Source:</u>	<u>Prior Years</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>Total</u>
General Fund	0	54,000	0	0	0	0	54,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$54,000	\$0	\$0	\$0	\$0	\$54,000

Impact On Operations: Measureable reduction in electricity used for these systems, resulting in an estimated savings in utility costs of \$15,000 annually.