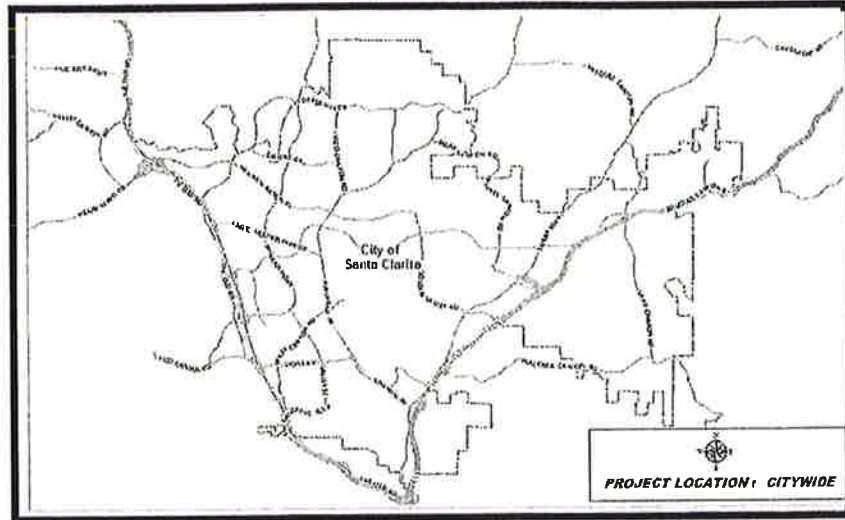


CATCH BASIN TRASH EXCLUDERS

Project Number: R0010

Project Location:
Citywide.



Description: The new storm water permit requires the City install connector pipe screens or other devices on all catch basins known for having high trash/debris generation. Trash devices 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 staff time 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: In progress. **Department:** Public Works **Project Supervisor:** Travis Lange

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</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:

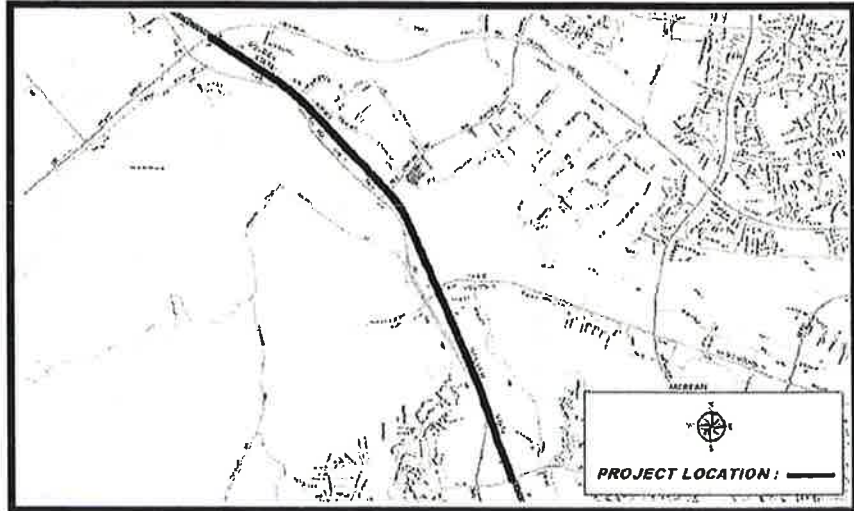
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Storm Water Utility	0	38,000	0	0	0	0	38,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$38,000	\$0	\$0	\$0	\$0	\$38,000

Impact On Operations: Anticipate staff hour savings due to reduction in storm drain cleaning efforts.

**ELECTRIC VEHICLE CHARGING STATIONS
AND SUPPORT FOR DC FAST FILL**

Project Number: R0014

Project Location:
Locations within one
mile of Interstate 5.



Description: Project scope is a multi-agency collaborative effort with the Southern California Association of Governments (SCAG) and Cleantech Institute for the construction of electric vehicle fueling stations along Interstate 5 from San Diego to Sacramento. The City effort will provide for the cost of upgrading an electrical service line that will accommodate one fast-fill DC unit. Two slow-fill stations, capable of operating from existing electrical service lines will also be constructed in the City.

Justification: Many residents from the community have contacted the City requesting additional electric vehicle charging stations in the Santa Clarita Valley. This would support the growing number of EV owners, improve air quality, and supports local energy instead of imported fuel.

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

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</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	49,000	0	0	0	0	49,000
Inspection & Admin	0	1,000	0	0	0	0	1,000
Contingency	0	0	0	0	0	0	0
Total Costs:	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Project Funding:

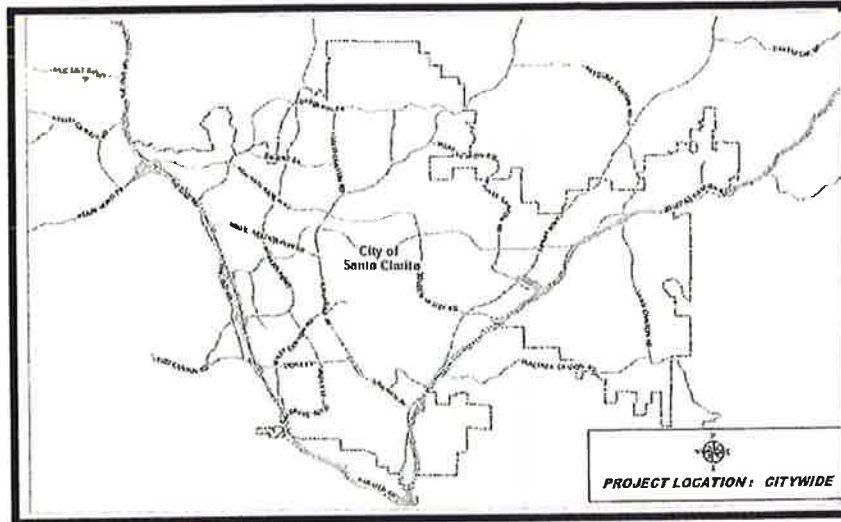
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
General Fund Capital	0	50,000	0	0	0	0	50,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Impact On Operations: Grant would support 4 years of maintenance. Actual maintenance costs are undetermined at this time, but will be built into user fees.

LOW IMPACT DEVELOPMENT PARKING LOT RETROFIT

Project Number: R0012

Project Location:
City limits.



Description: This project will retrofit an existing public parking lot with low impact development improvements. This retrofit will allow polluted storm water to soak into the ground for treatment rather than entering the storm drain pipes. Normally, polluted stormwater runoff enters the storm drain that empties at the Santa Clara River, which is the local groundwater supply.

Justification: The City of Santa Clarita was able to obtain a grant funded by Los Angeles County Sanitation District fines, to retrofit a public parking lot. Retrofitting parking lots with low impact development and green streets is a requirement to meeting National Pollutant Discharge Elimination System (NPDES) permit required pollution limits. Staff is working to determine the most suitable location for the limited grant budget provided.

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

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Environ/NPDES	0	2,500	0	0	0	0	2,500
Design/Plan Review	0	20,000	0	0	0	0	20,000
Right-of-Way	0	0	0	0	0	0	0
Construction	0	95,000	0	0	0	0	95,000
Inspection & Admin	0	10,000	0	0	0	0	10,000
Contingency	0	10,000	0	0	0	0	10,000
Total Costs:	\$0	\$137,500	\$0	\$0	\$0	\$0	\$137,500

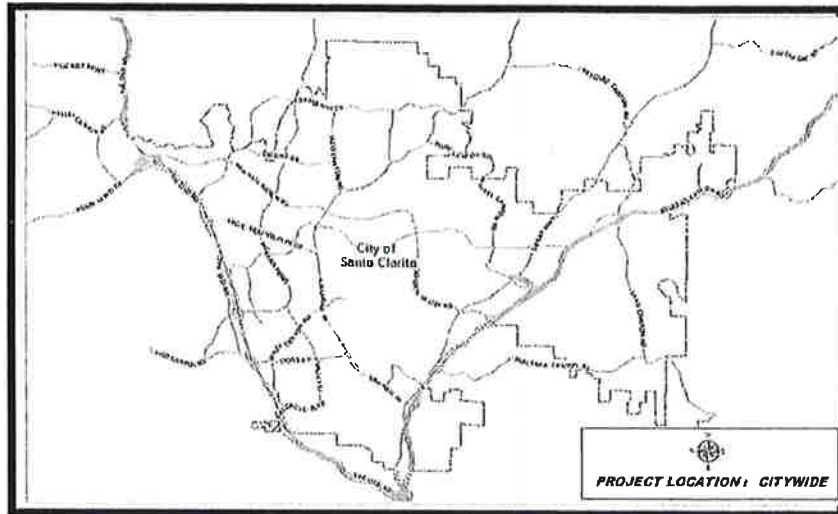
Project Funding:

<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
General Fund Capital	0	40,000	0	0	0	0	40,000
SEP Grant	0	97,500	0	0	0	0	97,500
	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	\$137,500	\$0	\$0	\$0	\$0	\$137,500

Impact On Operations: None.

SANTA CLARA RIVER ARUNDO AND TAMARISK REMOVAL EXPANSION EFFORT Project Number: R4003

Project Location:
Upper Santa Clara River.



Description: This project will expand the efforts to remove invasive and destructive arundo and tamarisk plants from the Santa Clara River. The Department of Water Resources has recommended approval of the upper Santa Clara River Integrated Regional Water Management Program (IRWMP) grant package to continue the efforts in Bouquet Creek and San Francisquito Creek. The City portion is \$500,000 for continuation of the arundo removal project. This would also provide support for private well and landowners in Bouquet Creek in the amount of \$72,225 administered by the City.

Justification: Arundo and tamarisk are destructive plants that impair the river. They are fire hazards and use twice as much water as native habitat. This is water that would otherwise infiltrate into the groundwater. This project was the highest ranked multi-benefit project in the IRWMP due to the benefits to water quality, waste supply, water demand, flooding, and resource stewardship.

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

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Environ/NPDES	0	60,000	0	0	0	0	60,000
Design/Plan Review	0	2,275	0	0	0	0	2,275
Right-of-Way	0	0	0	0	0	0	0
Construction	0	397,250	0	0	0	0	397,250
Inspection & Admin	0	67,700	0	0	0	0	67,700
Contingency	0	45,000	0	0	0	0	45,000
Total Costs:	\$0	\$572,225	\$0	\$0	\$0	\$0	\$572,225

Project Funding:

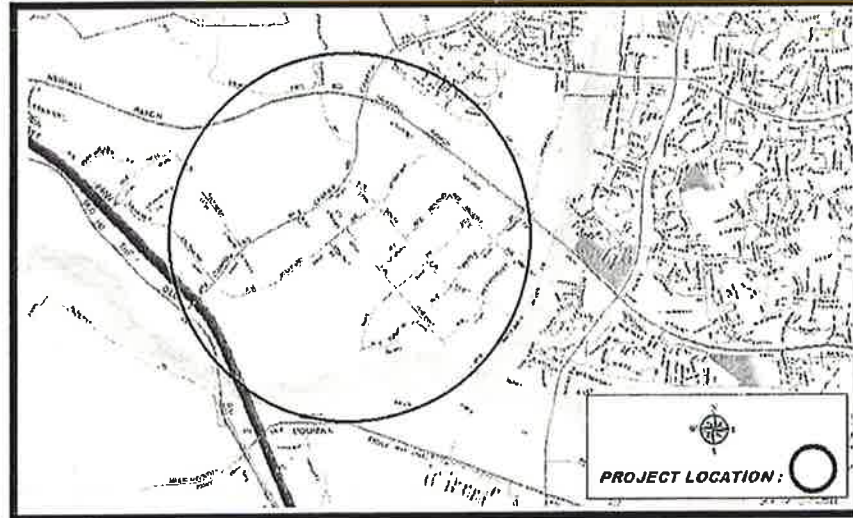
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Prop.84 IRWMP Grant	0	422,225	0	0	0	0	422,225
Storm Water Utility	0	150,000	0	0	0	0	150,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$572,225	\$0	\$0	\$0	\$0	\$572,225

Impact On Operations: None.

TRASH CONNECTOR PIPE SCREENS FOR RYE CANYON BUSINESS PARK

Project Number: R1003

Project Location:
Rye Canyon Business
Park



Description: Install 174 Trash Connector Pipe Screens at Rye Canyon Business Park to reduce trash entering the Santa Clara River from the storm drain system. This is in addition to the 19 in R0010 already required for high traffic areas to comply with the National Pollutant Eliminations System (NPDES) Permit. Los Angeles County Flood Control District (LACFCD) permitting is required. The estimated cost of \$2,300 per drain includes design, procurement and installation.

Justification: For National Pollutant Eliminations Discharge Systems permit compliance with Enhanced Watershed Management Plan(EWMP) conditions, the City is getting double credit for implementing now.

Project Status: Approved **Department:** Public Works **Project Supervisor:** Travis Lange

Project Cost Est. (\$):

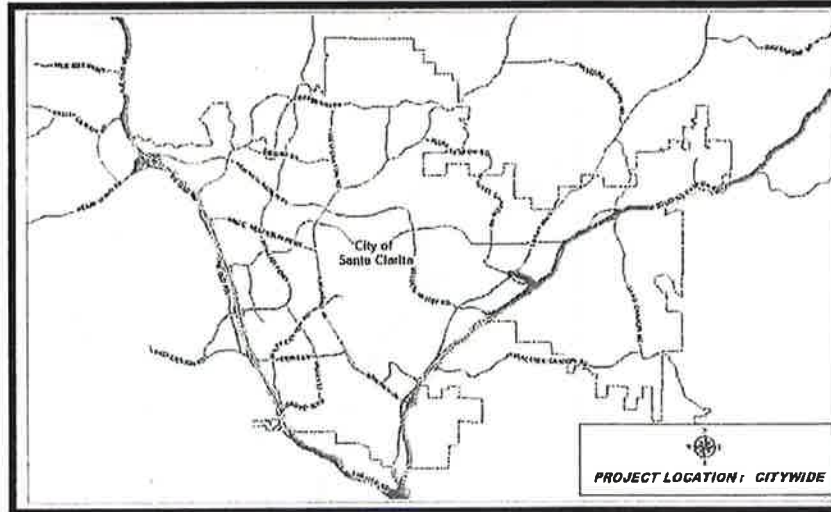
<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	0	200,000	0	0	0	0	200,000
Right-of-Way	0	0	0	0	0	0	0
Construction	0	200,000	0	0	0	0	200,000
Inspection & Admin	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Total Costs:	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000

Project Funding:

<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Storm Water Utility	0	400,000	0	0	0	0	400,000
	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	\$400,000	\$0	\$0	\$0	\$0	\$400,000

Impact On Operations: Anticipate staff hour savings due to reduction in storm drain cleaning efforts.

Project Location:
Citywide.



Description: This Citywide Urban Forest Management/Reforestation project will remove trees located in public parkways which have reached their maximum age or allowable size and can no longer be maintained due to the availability of inadequate right-of-way and/or destruction to public or private infrastructure, and replace them with tree species more appropriately sized to mitigate future property damage.

Justification: Implementing this management plan removes trees which have reached the maximum age or allowable size in small planting areas such as small parkways. Proactive management reduces sidewalk, curb, and gutter flow line damage caused by roots.

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

Project Cost Est. (\$):

<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</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	50,000	50,000	50,000	50,000	50,000	250,000
Inspection & Admin	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Total Costs:	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Project Funding:

<u>Funding Source:</u>	<u>Prior Years</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Gas Tax	0	50,000	0	0	0	0	50,000
	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
	0	0	0	0	0	0	0
Priority Unfunded	0	0	50,000	50,000	50,000	50,000	200,000
Total Costs:	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Impact On Operations: Anticipate savings to Streets Division.