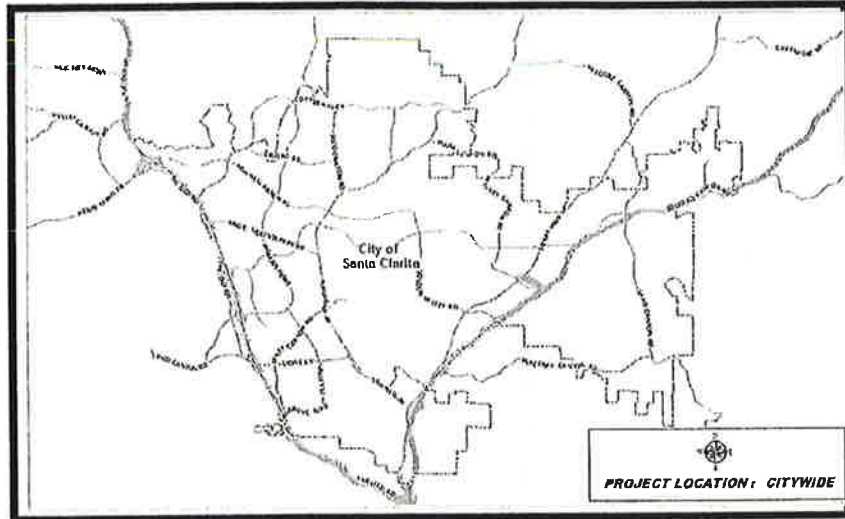


**2013-14 CIRCULATION AND SAFETY
IMPROVEMENT PROGRAM**

Project Number: C2024

Project Location:
Newhall Avenue at
Railroad Avenue.



Description: This effort will construct a pedestrian refuge island and a bulb-out at the intersection of Newhall Avenue and Railroad Avenue to improve visibility and the delineation of the westbound right-turning lanes. This project will also modify the signal to accommodate the new street improvements in this area.

Justification: Each year the City dedicates a portion of the capital budget for this effort. This annual commitment improves traffic circulation by addressing necessary modifications to raised medians or islands where circulation concerns exist. An analysis of this location demonstrates a need to provide an island to improve pedestrian passage and the delineation of the westbound right-turn lanes.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Andrew Yi

Project Cost Est. (\$):

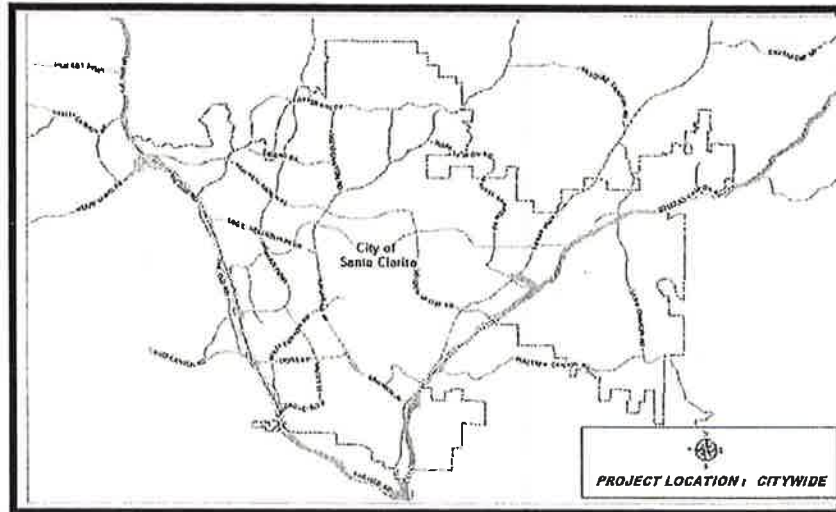
<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	50,000	0	0	0	0	0	50,000
Right-of-Way	0	0	0	0	0	0	0
Construction	0	130,000	0	0	0	0	130,000
Inspection & Admin	0	10,000	0	0	0	0	10,000
Contingency	0	10,000	0	0	0	0	10,000
Total Costs:	\$50,000	\$150,000	\$0	\$0	\$0	\$0	\$200,000

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>
Gas Tax	50,000	150,000	0	0	0	0	200,000
	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:	\$50,000	\$150,000	\$0	\$0	\$0	\$0	\$200,000

Impact On Operations: None.

Project Location:
Citywide.



Description: This grant-funded construction-only effort will make modifications to the intersections of Orchard Village Road at Wiley Canyon Road, Seco Canyon Road at Pamplico Drive, and State Route 14 at Sand Canyon Road. Modifications will include the implementation of protected left-turn signal phasing and the extension of left-turn pockets.

Justification: An analysis of these locations demonstrates a need to make improvements, addressing circulation needs. The proposed improvements for these intersections are currently in design. City staff successfully secured a construction grant for these improvements which will address circulation needs and improve safety at these locations.

Project Status: Approved. **Department:** Public Works **Project Supervisor:** Curtis Nay

Project Cost Est. (\$):

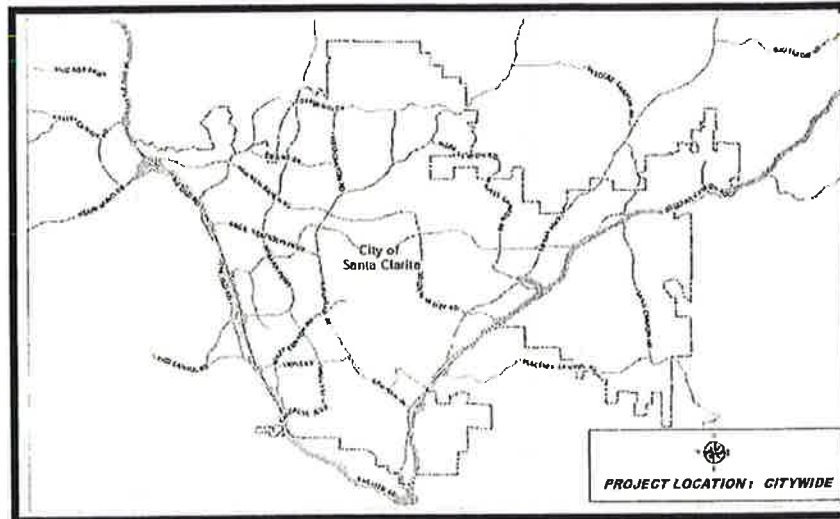
<u>Expenditure/Category:</u>	<u>Prior Years</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	0	0	0	0	0	0	0
Right-of-Way	0	0	0	0	0	0	0
Construction	0	599,300	0	0	0	0	599,300
Inspection & Admin	0	50,000	0	0	0	0	50,000
Contingency	0	16,800	0	0	0	0	16,800
Total Costs:	\$0	\$666,100	\$0	\$0	\$0	\$0	\$666,100

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>
Federal HSIP Grant	0	565,200	0	0	0	0	565,200
TDA Article 8	0	100,900	0	0	0	0	100,900
	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	\$666,100	\$0	\$0	\$0	\$0	\$666,100

Impact On Operations: None.

Project Location:
City limits in the Valencia and Canyon Country communities.



Description: This effort will design signal and roadway modifications for the extension of the south approach left-turn pocket on Orchard Village Road at Wiley Canyon to increase vehicle capacity. Design will include modifications to the signal and mast arms to allow for a protected left-turn phasing operation at this location and at the intersection of Sand Canyon Road/State Route 14, which was added to this design effort.

Justification: Each year, the City dedicates a portion of its capital budget to projects that address Intersection and safety issues. Improvements to this intersection will include protected left-turn enhancements to the signal and median modifications. Based on traffic volume and annual accident analysis, this location has demonstrated a need to provide protected left-turns and a median modification to increase capacity for northbound left-turning traffic.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Andrew Yi

Project Cost Est. (\$):

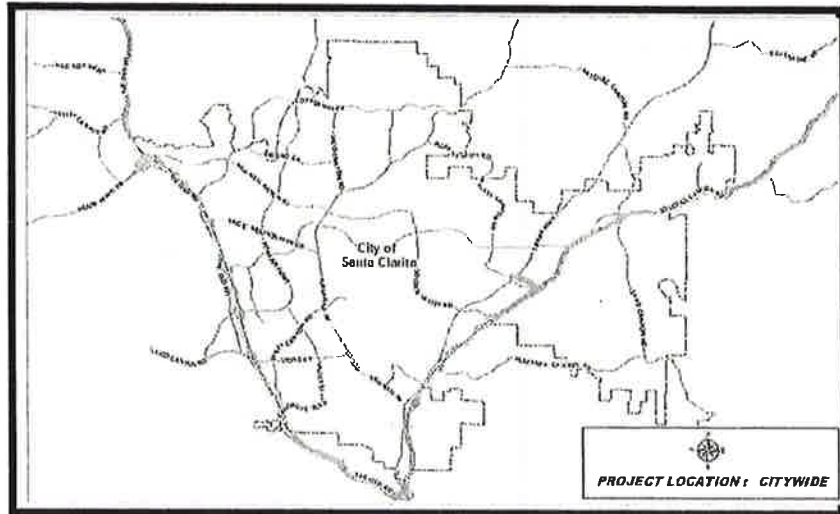
<u>Expenditure/Category:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Environ/NPDES	0	0	0	0	0	0	0
Design/Plan Review	58,500	105,500	0	0	0	0	164,000
Right-of-Way	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0
Inspection & Admin	0	5,500	0	0	0	0	5,500
Contingency	0	7,500	0	0	0	0	7,500
Total Costs:	\$58,500	\$118,500	\$0	\$0	\$0	\$0	\$177,000

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>
Gas Tax	58,500	118,500	0	0	0	0	177,000
	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:	\$58,500	\$118,500	\$0	\$0	\$0	\$0	\$177,000

Impact On Operations: None.

Project Location:
Citywide.



Description: This project will make striping modifications to one or more locations in the City to improve traffic circulation.

Justification: Each year the City dedicates a portion of the capital budget to improve traffic circulation by making necessary modifications to either mitigate anticipated changes in traffic flow, or improve traffic flow where circulation concerns exist. Improving traffic circulation may improve air quality by reducing travel time, thus reducing auto emissions.

Project Status: Approved. **Department:** Public Works **Project Supervisor:** Andrew Yi

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	500	500	500	500	500	2,500
Design/Plan Review	0	3,500	3,500	3,500	3,500	3,500	17,500
Right-of-Way	0	0	0	0	0	0	0
Construction	0	40,000	40,000	40,000	40,000	40,000	200,000
Inspection & Admin	0	2,000	2,000	2,000	2,000	2,000	10,000
Contingency	0	4,000	4,000	4,000	4,000	4,000	20,000
Total Costs:	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Project Funding:

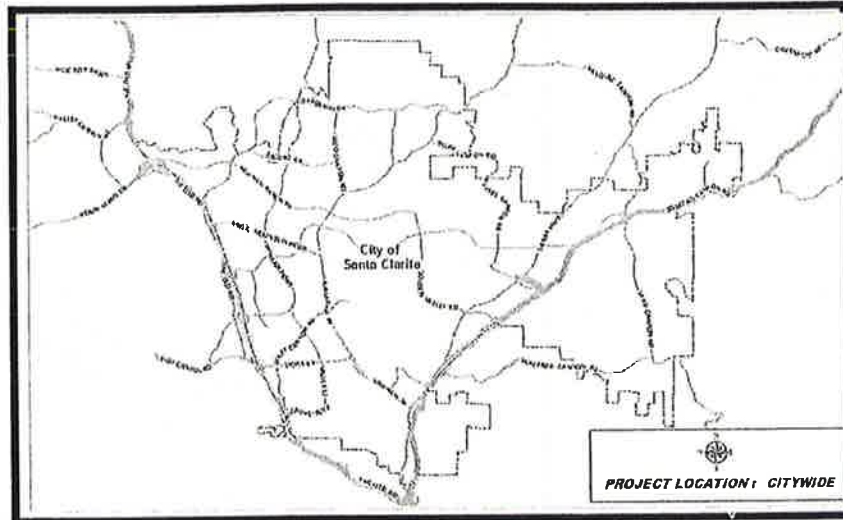
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Gas Tax	0	50,000	0	0	0	0	50,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	50,000	50,000	50,000	50,000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

Impact On Operations: Minor increase to operational budget for restriping of faded lineage.

2014-15 INTERSECTION IMPROVEMENT PROGRAM

Project Number: C0045

Project Location:
Citywide.



Description: This annual effort will modify an existing traffic signal operation to include changing the signal phasing to provide protected left-turn phasing at one or more locations in the City.

Justification: Each year the City dedicates a portion of the Capital budget to projects that address circulation issues. Improvements may include installation of left-turn enhancements of signals, median modifications, or signing and striping. Location(s) will be selected based on traffic analysis.

Project Status: Approved. **Department:** Public Works **Project Supervisor:** Andrew Yi

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	500	500	500	500	500	2,500
Design/Plan Review	0	3,500	3,500	3,500	3,500	3,500	17,500
Right-of-Way	0	0	0	0	0	0	0
Construction	0	40,000	40,000	40,000	40,000	40,000	200,000
Inspection & Admin	0	2,000	2,000	2,000	2,000	2,000	10,000
Contingency	0	4,000	4,000	4,000	4,000	4,000	20,000
Total Costs:	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Project Funding:

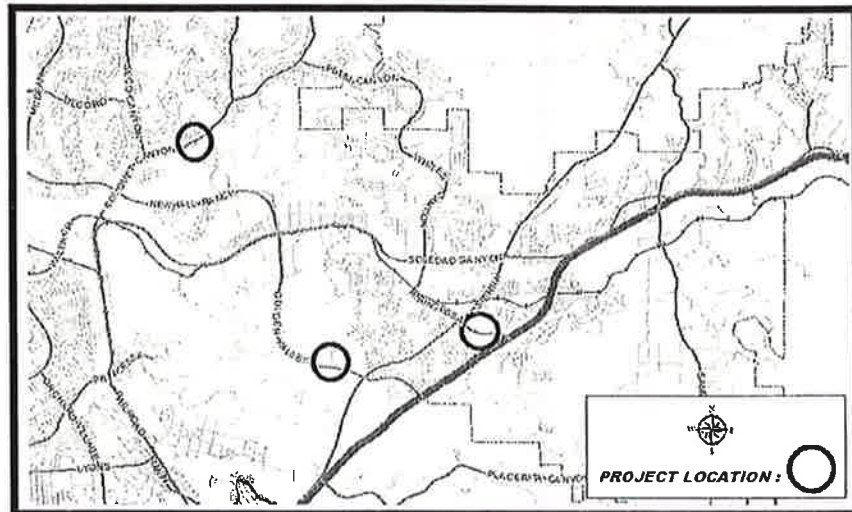
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Gas Tax	0	50,000	0	0	0	0	50,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	50,000	50,000	50,000	50,000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

Impact On Operations: None.

**CENTRAL PARK/BOUQUET, VIA PRINCESSA/VISTA DEL
CANON AND GOLDEN VALLEY/ROBERT C. LEE IMPROVEMENTS**

Project Number: C4011

Project Location:
Central Park/Bouquet
Canyon Road; Via
Princessa/Vista Del
Canon; and Golden
Valley Road/Robert C
Lee Parkway.



Description: This effort will make modifications to the intersections of: Central Park at Bouquet Canyon Road and Via Princessa at Vista Del Canon, and Golden Valley Road at Robert C Lee Parkway. Modifications may include median modifications and left-turn phasing for protected left-turn movement.

Justification: Each year the City dedicates a portion of its capital budget to address median modifications and roadway safety. This effort represents a one-time request to allocate the modification and roadway safety funds for these locations. These intersections experience heavy traffic volumes during peak hours, creating circulation issues. Constructing the proposed improvements will alleviate this.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Curtis Nay

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	20,000	0	0	0	0	0	20,000
Right-of-Way	0	0	0	0	0	0	0
Construction	491,007	0	0	0	0	0	491,007
Inspection & Admin	70,843	10,000	0	0	0	0	80,843
Contingency	73,650	0	0	0	0	0	73,650
Total Costs:	\$655,500	\$10,000	\$0	\$0	\$0	\$0	\$665,500

Project Funding:

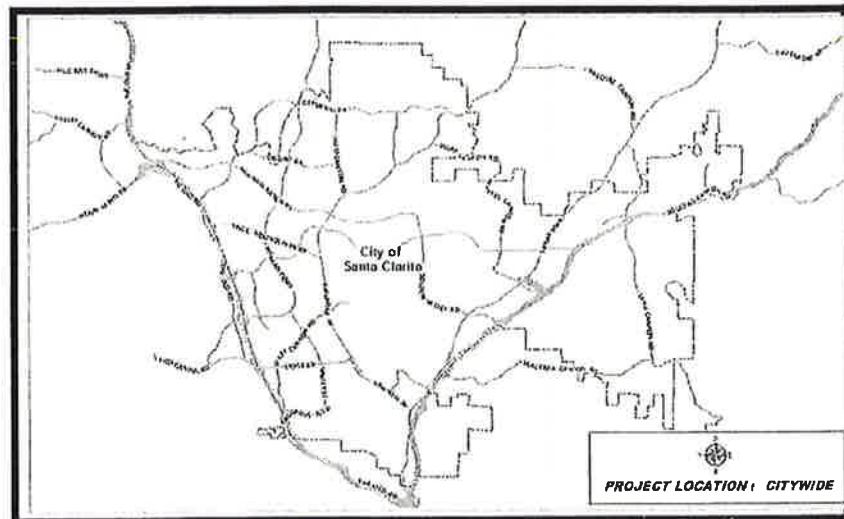
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Federal HSIP Grant	485,500	0	0	0	0	0	485,500
TDA Article 8	170,000	10,000	0	0	0	0	180,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$655,500	\$10,000	\$0	\$0	\$0	\$0	\$665,500

Impact On Operations: None.

**INTELLIGENT TRANSPORTATION SYSTEMS PHASE IV
AND SIGNAL SYNCHRONIZATION GAP CLOSURE**

Project Number: 10009

Project Location:
Citywide.



Description: This effort will start designing the Intelligent Transportation Systems (ITS) Phase IV project. The project will install fiber optic wiring at locations where gaps in the wiring currently exist. The effort will create a continuous communication system, an adaptive signal system, and additional system detection to expand the City's ability to actively manage traffic.

Justification: The City has taken a proactive stance on congestion management due to heavy growth and the increasing cut through traffic across the City. The project should result in an overall improvement in mobility, which would reduce costs associated with moving people and goods, pollution, and other congestion-related factors.

Project Status: Approved. **Department:** Public Works **Project Supervisor:** Curtis Nay

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	24,730	0	0	0	0	24,730
Design/Plan Review	0	407,400	0	0	0	0	407,400
Right-of-Way	0	0	0	0	0	0	0
Construction	0	2,655,911	0	0	0	0	2,655,911
Inspection & Admin	0	150,000	0	0	0	0	150,000
Contingency	0	663,977	0	0	0	0	663,977
Total Costs:	\$0	\$3,902,018	\$0	\$0	\$0	\$0	\$3,902,018

Project Funding:

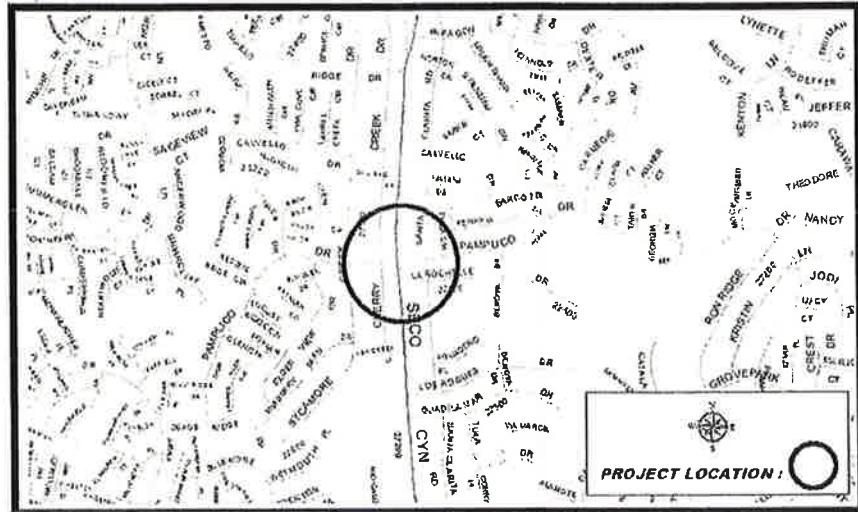
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
AQMD	0	438,129	0	0	0	0	438,129
Gas Tax	0	100,000	0	0	0	0	100,000
Prop. C Grant	0	3,031,868	0	0	0	0	3,031,868
Prop. C Local	0	332,021	0	0	0	0	332,021
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$0	\$3,902,018	\$0	\$0	\$0	\$0	\$3,902,018

Impact On Operations: None.

**SECO CANYON ROAD AND PAMPLICO DRIVE
SIGNAL MODIFICATION - DESIGN**

Project Number: C4012

Project Location:
Seco Canyon Road at
Pamplico Drive.



Description: This project will design several modifications to this intersection. Improvements to the existing traffic signal operation to include changing the signal phasing, and upgrades to signal infrastructure. It will also design a protected left-turn operation, and pedestrian ramps compliant with the Americans with Disabilities Act (ADA), and design improvements to the frontage road to remove dips in the vicinity of the intersection as well as address the drainage issue by connecting to an existing storm drain

Justification: This location has demonstrated a need for protected left-turn phasing based on an analysis of traffic volumes, and geometry of the intersection. The recommended improvements will improve traffic circulation in this area.

Project Status: In progress. **Department:** Public Works **Project Supervisor:** Curtis Nay

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	63,735	0	0	0	0	0	63,735
Right-of-Way	0	0	0	0	0	0	0
Construction	0	200,000	0	0	0	0	200,000
Inspection & Admin	0	11,265	0	0	0	0	11,265
Contingency	0	25,000	0	0	0	0	25,000
Total Costs:	\$63,735	\$236,265	\$0	\$0	\$0	\$0	\$300,000

Project Funding:

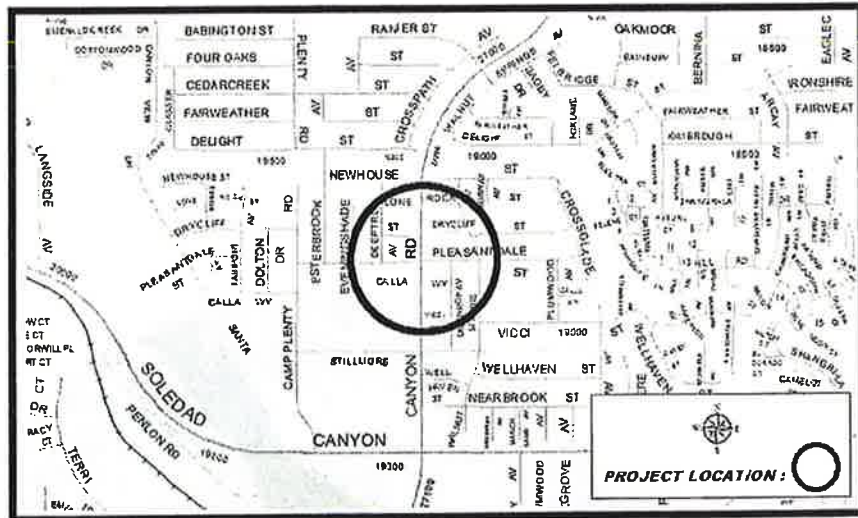
<u>Funding Source:</u>	<u>PriorYears</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
Gas Tax	63,735	236,265	0	0	0	0	300,000
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Priority Unfunded	0	0	0	0	0	0	0
Total Costs:	\$63,735	\$236,265	\$0	\$0	\$0	\$0	\$300,000

Impact On Operations: None.

WHITES CANYON ROAD/PLEASANTDALE STREET SIGNAL MODIFICATION

Project Number: C3014

Project Location:
Whites Canyon Road at
Pleasantdale Street.



Description: This project will install new signal masts and modify the existing traffic signal operation to include changing the signal phasing to provide a protected left-turn operation for motorists traveling along north and south-bound Whites Canyon Road.

Justification: This location has demonstrated a need to provide a protected left-turn operation to improve traffic flow. This is based on traffic volumes, geometry of the intersection, and traffic reports. This is a one-time request to allocate the modification and roadway funds to this effort.

Project Status: Approved. **Department:** Public Works **Project Supervisor:** Andrew Yi

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	1,500	0	0	0	0	1,500
Design/Plan Review	0	25,000	0	0	0	0	25,000
Right-of-Way	0	0	0	0	0	0	0
Construction	0	147,500	0	0	0	0	147,500
Inspection & Admin	0	15,000	0	0	0	0	15,000
Contingency	0	21,000	0	0	0	0	21,000
Total Costs:	\$0	\$210,000	\$0	\$0	\$0	\$0	\$210,000

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	210,000	0	0	0	0	210,000
	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	\$210,000	\$0	\$0	\$0	\$0	\$210,000

Impact On Operations: None.

