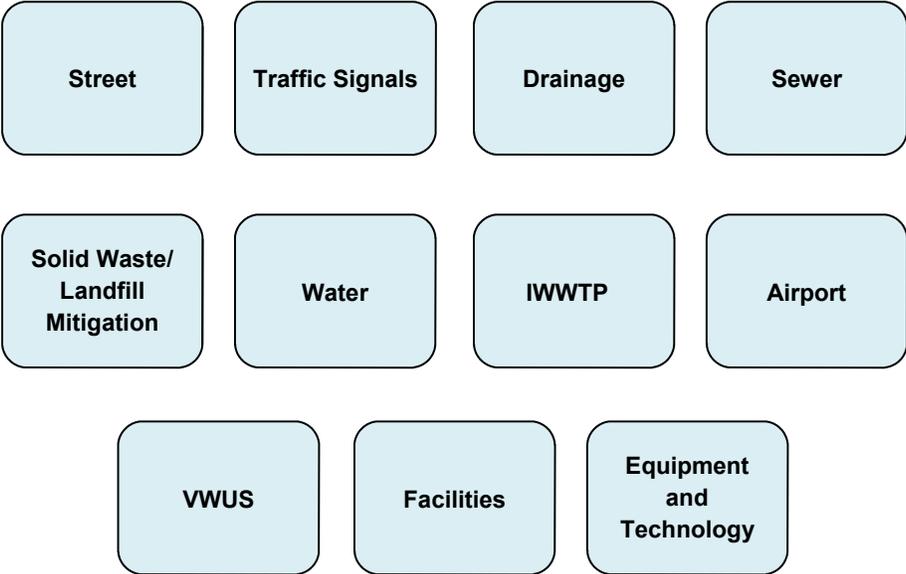


Capital Projects track the purchase or construction of major capital items.

# Capital Project Types



## Capital Improvement Plan

The Capital Improvement Plan is a long range fiscal forecast, which identifies major public improvements to the City's infrastructure over the next five years. Planning for capital improvements is an ongoing process that continues to be adjusted as the City's priorities change. The plan provides cost estimates for each project and identifies funding sources with consideration given to ongoing resources. Because priorities can change, projects are not guaranteed for funding.

As part of the annual budget process, the CIP is updated. This allows the City's departments to re-evaluate priorities and needs based on the most current revenue and project priorities. CIP projects are requested by the departments, reviewed and evaluated by the City Manager, and ultimately approved by the City Council as part of the budget.

The City places priority on construction, rehabilitation, and maintenance efforts to ensure its infrastructure improvements are built and maintained according to best practices and promote environmental sustainability. Capital improvements of city infrastructure include: streets, traffic signals, bridges, storm drain, sewer, pipelines, parks and public service facilities.

Infrastructure improvements are considered capital improvement projects when the expected life is in excess of two years and expenditures are at least \$50,000. In contrast, scheduled purchases of vehicles, computer hardware and equipment are capitalized when the individual cost is \$5,000 or more with an estimated useful life of greater than two years. These routine purchases are generally accounted for out of special funds or enterprise funds. There are 43 vehicle, equipment, and computer capital purchases budgeted for FY 2015-16.

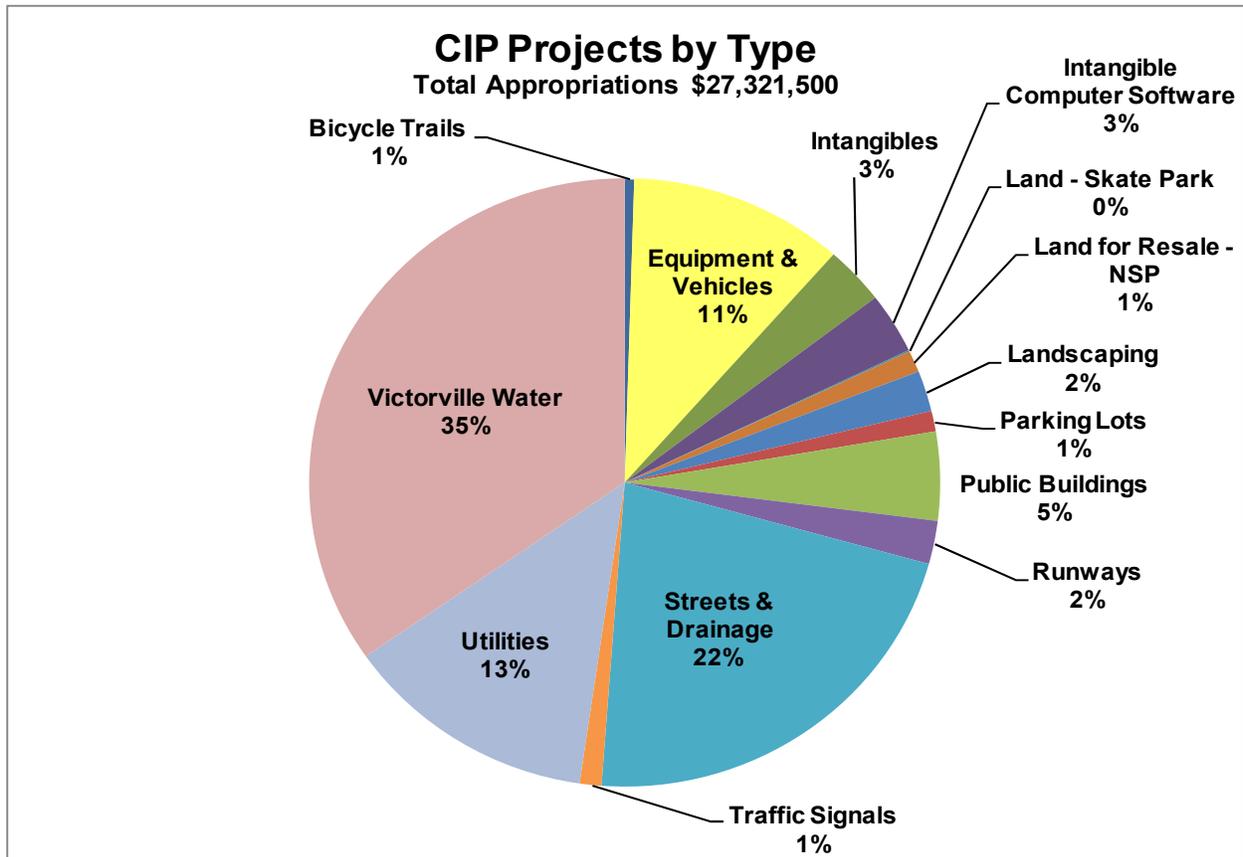
The FY 2015-16 CIP budget funds 57 projects; 27 of which are part of the City's infrastructure rehabilitation program. The remaining 30 projects are classified as new construction or design.

# Capital Improvement Plan

Table 1

	New	Rehabilitation	Grand Total
Bicycle Trails	130,000.00		130,000.00
Equipment & Vehicles	3,007,200.00		3,007,200.00
Intangible	845,000.00		845,000.00
Intangible - Computer software	884,244.00		884,244.00
Land - Skate Park	20,000.00		20,000.00
Land for Resale - NSP	315,000.00		315,000.00
Landscaping	283,000.00	310,000.00	593,000.00
Parking Lots		300,000.00	300,000.00
Public Buildings	508,413.00	783,494.00	1,291,907.00
Runways		625,168.00	625,168.00
Street & Drainage	1,073,191.00	4,895,064.00	5,968,255.00
Traffic Signals	203,000.00	100,000.00	303,000.00
Utility	3,557,226.00		3,557,226.00
Victorville Water	3,574,000.00	5,907,500.00	9,481,500.00
<b>Grand Total</b>	<b>14,400,274</b>	<b>12,921,226</b>	<b>27,321,500</b>

Chart 1



## Capital Improvement Plan

The Capital Improvement Plan outlines planned improvements based on available resources. Funding sources for the current capital projects are displayed on the following table and chart.

Approximately 7% of the FY 2015-2016 CIP budget originates from grants, developer contributions or other one-time revenues sources, while the rest are made up of recurring City revenues. Additionally, certain revenue sources are restricted to specific types of projects, areas, or types of construction (new versus rehabilitation).

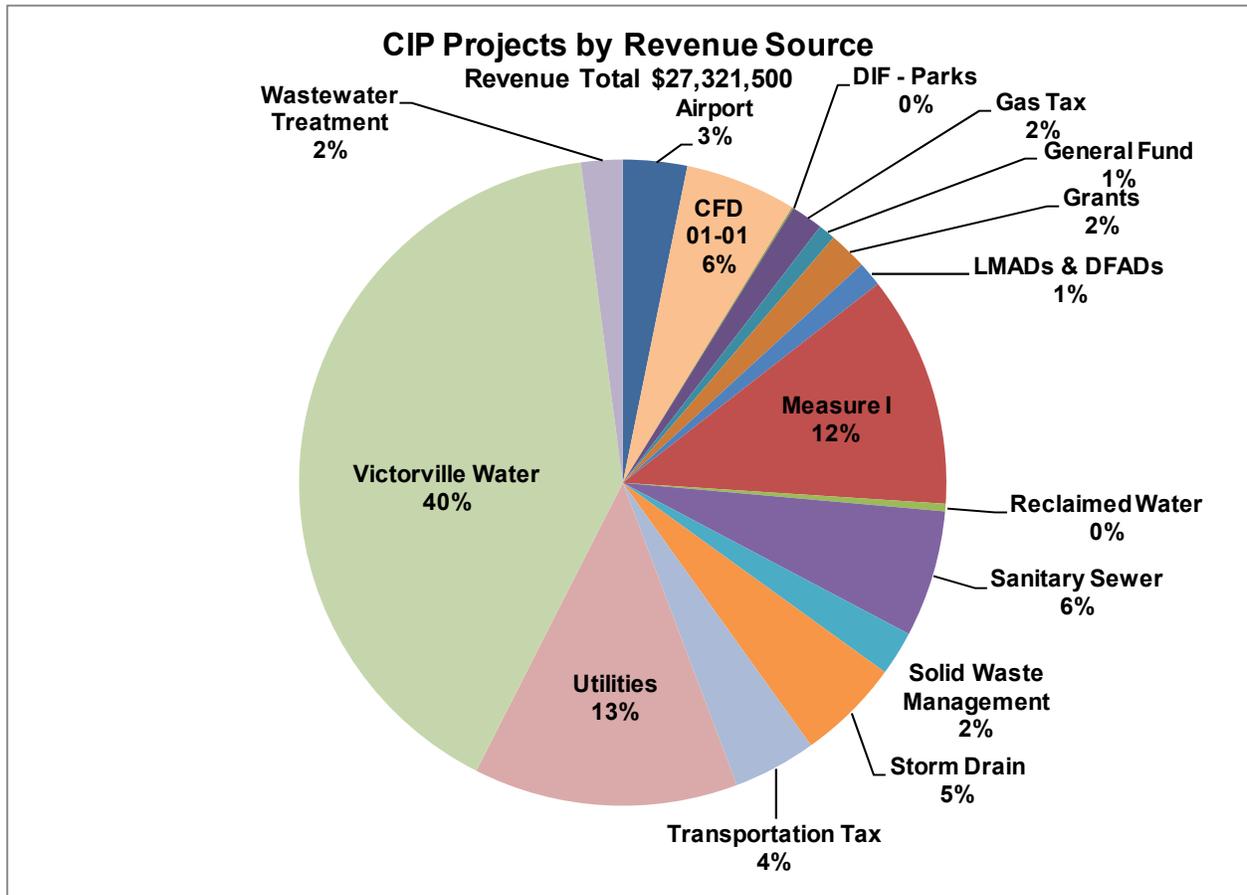
Funding sources falling into the restricted category are LMAD/DFAD fund 370, Storm Drain Utility fund 202, Gas Tax fund 220, Transportation Tax funds 230 and 234, Measure I funds 250, 251 and 255. Fund summaries for these funds are located in the Special Funds section of this document. All funds shown in the table below are restricted for specific use with the exception of the General Fund.

**Table 2**

<b>Funding Source</b>	<b>New</b>	<b>Rehabilitation</b>	<b>Grand Total</b>
AIRPORT	248,413.00	625,168.00	873,581.00
CFD 01-01		1,521,564.00	1,521,564.00
DIF - Parks	20,000.00		20,000.00
Gas Tax	436,504.00		436,504.00
General Fund	222,500.00	12,300.00	234,800.00
Grants	315,000.00	208,194.00	523,194.00
LMADs & DFADs	141,662.00	200,000.00	341,662.00
Measure I	569,000.00	2,593,500.00	3,162,500.00
Reclaimed Water	105,000.00		105,000.00
Sanitary Sewer	1,622,003.00	110,000.00	1,732,003.00
Solid Waste Management	327,000.00	275,000.00	602,000.00
Storm Drain	846,766.00	560,000.00	1,406,766.00
Transporation Tax	515,691.00	620,000.00	1,135,691.00
Utilities	3,607,226.00		3,607,226.00
Victorville Water	5,123,509.00	5,930,500.00	11,054,009.00
Wastewater Treatment	300,000.00	265,000.00	565,000.00
<b>Grand Total</b>	<b>14,400,274.00</b>	<b>12,921,226.00</b>	<b>27,321,500.00</b>

# Capital Improvement Plan

Chart 2



## Capital Improvement Plan Summary

Fund	Fund Name	2016 Proposed Budget	Streets	Traffic Signals	Drainage	Sewer	Solid Waste	Water	IWWTP	Airport	VMUS	Facilities	Equipment & Technology
100	General Fund	20,300	-	-	-	-	-	-	-	-	-	20,300	8,000
120	Fueling Stations	214,500	-	-	-	-	-	-	-	-	-	157,500	57,000
202	Storm Drain Utility	1,406,766	200,000	-	1,051,500	149,262	-	-	-	-	-	-	6,004
220	Gas Tax	436,504	290,000	-	134,500	-	-	-	-	-	-	-	12,004
230	LTF	905,000	780,000	45,000	80,000	-	-	-	-	-	-	-	-
234	AB 2766	230,691	230,691	-	-	-	-	-	-	-	-	-	-
250	Measure I Projects	3,162,500	2,744,500	258,000	160,000	-	-	-	-	-	-	-	-
280	HUD Grants	523,194	-	-	-	-	-	-	-	-	-	523,194	-
354	Recreation DIF	20,000	-	-	-	-	-	-	-	-	-	20,000	-
370	LMAD/DFAD/MAD	341,662	-	-	285,000	46,662	-	-	-	-	-	-	10,000
410	Water Operations	11,054,009	-	-	6,500	-	-	10,910,000	-	-	-	-	137,509
412	Wastewater Treatment	565,000	-	-	-	-	-	-	565,000	-	-	-	-
413	Reclaimed Water	105,000	-	-	-	-	-	105,000	-	-	-	-	-
419	VVMUS Gas	142,000	-	-	-	-	-	-	-	-	142,000	-	-
420	VVMUS Electric	3,465,226	-	-	-	-	-	-	-	-	3,465,226	-	-
425	Sewer/Sanitary	1,705,003	-	-	86,500	1,019,276	-	-	-	-	-	110,000	489,227
426	Solid Waste	329,000	-	-	-	-	54,000	-	-	-	-	275,000	-
427	Landfill Mitigation	300,000	-	-	-	-	300,000	-	-	-	-	-	-
450	Airport	873,581	-	-	-	-	-	-	-	873,581	-	-	-
611	CFD 01-01	1,521,564	1,521,564	-	-	-	-	-	-	-	-	-	-
	<b>GRAND TOTAL*</b>	<b>27,321,500</b>	<b>5,766,755</b>	<b>303,000</b>	<b>1,804,000</b>	<b>1,215,200</b>	<b>354,000</b>	<b>11,015,000</b>	<b>565,000</b>	<b>873,581</b>	<b>3,607,226</b>	<b>1,105,994</b>	<b>719,744</b>

\*Includes Capital Purchases and Capital Improvement Projects

## Capital Improvement Projects Streets Summary

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Street Sweeper - CNG - Replacement	202	97036	200,000	-	-	-	-
	220	97036	200,000	-	-	-	-
Saw, Concrete 26" - Replacement	220	70625	10,000	-	-	-	-
	230	70625	10,000	-	-	-	-
Skip Loader (210 LE) Replacement	220	70626	40,000	-	-	-	-
	220	70626	40,000	-	-	-	-
	230	70626	40,000	-	-	-	-
Truck, Pickup - Replacement	230	70624	35,000	-	-	-	-
BEAR VALLEY ROAD							
Bridge Widening at BNSF Railroad							
Environmental & Design	230	60014	25,000	-	-	-	-
Construction	255	60014	374,000	-	-	-	-
BEAR VALLEY ROAD							
Curb, gutter, sidewalk at Oro Grande Wash	230	70025	200,000	-	250,000	-	-
BEAR VALLEY ROAD							
Balsam to Amargosa							
Pavement Rehabilitation	250	60075	2,100,000	-	-	-	-
EL EVADO ROAD							
Hook Blvd to Mojave Dr - add shoulders	250	60072	158,500	-	-	-	-
FOXBOROUGH							
CNG station	234	70612	230,691	-	-	-	-
GREEN TREE BLVD							
Hesperia Rd/Ridgecrest/Yates - Yucca Loma Bridge	250	60013	10,000	-	-	-	-

**Capital Improvement Projects**  
Streets Summary (cont.)

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
LA MESA ROAD							
At US-395 (Cantina Dr to Mesa View)							
New road connections and new traffic signal	230	60064	25,000	-	-	-	-
Design and construction	611	60064	1,521,564	-	-	-	-
MOJAVE RIVER WALK							
Preliminary engineering-ATP Grant App	230	70611	30,000	-	-	-	-
SPRING VALLEY PARKWAY							
Bear Valley Rd to Huerta Rd	250	60081	75,000	-	-	-	-
TRANSPORTATION CENTER							
Parking lot pavement rehabilitation	230	70620	300,000	-	-	-	-
CITY WIDE							
Bike Routes - Various	230	60080	100,000	-	-	-	-
New sidewalk and required curb & gutter	230	70026	15,000	-	-	-	-
Thermoplastic Road Marking Machine	251	62032	27,000	-	-	-	-
<b>TOTAL FOR STREETS</b>			<b>5,766,755</b>	<b>-</b>	<b>250,000</b>	<b>-</b>	<b>-</b>

## Capital Improvement Projects

### Streets Summary (cont.)

Project Title: CNG Street Sweeper

Project Type: Equipment purchase

Project Description: CNG Street Sweeper purchase to replace a 2002 street sweeper that has surpassed its useful life and requires excessive maintenance.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	400,000	-	-	-	-	400,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>400,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>400,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2025060-55040-97036	200,000	-	-	-	-	200,000
2205005-55040-97036	200,000	-	-	-	-	200,000
						-
<b>Total</b>	<b>400,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400,000</b>

Location: McArt Yard

## Capital Improvement Projects Streets Summary (cont.)

Project Title: Concrete Saw 26"

Project Type: Equipment purchase

Project Description: Purchase of new concrete saw with 26" blade capacity to replace old equipment and aid in reducing our emissions output

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	20,000	-	-	-	-	20,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2205001-55040-70625	10,000	-	-	-	-	10,000
2305002-55040-70625	10,000	-	-	-	-	10,000
						-
<b>Total</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>

Location: McArt Yard

## Capital Improvement Projects

### Streets Summary (cont.)

Project Title: Skip Loader 210 LE

Project Type: Equipment purchase

Project Description: New skip loader 210LE to replace existing equipment to meet compliance requirements under new off road emissions standards.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	120,000	-	-	-	-	120,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2205001-55040-70626	40,000	-	-	-	-	40,000
2205003-55040-70626	40,000	-	-	-	-	40,000
2305002-55040-70626	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

Location: McArt Yard

## Capital Improvement Projects

### Streets Summary (cont.)

Project Title: Pickup Truck R & R

Project Type: Vehicle purchase

Project Description: New Bus Shelter Maintenance Pickup Truck to replace old vehicle with over 100,000 miles on it.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles	35,000	-	-	-	-	35,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>35,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>35,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2305402-55045-70624	35,000	-	-	-	-	35,000
						-
<b>Total</b>	<b>35,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,000</b>

Location: McArt Yard

## Capital Improvement Projects Streets Summary (cont.)

Project Title: Bear Valley Road - Bridge Widening at BNSF Railroad

Project Type: Street

Project Description: Widen, seismically retrofit and rehabilitate bridge over BNSF Railroad. Widen road approaches from Industrial Blvd to approximately 600 feet east of Ridgecrest Rd. Construct additional eastbound left turn lane on Bear Valley Rd at Ridgecrest Rd. Improve intersections and modify traffic signals.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental	25,000					25,000
Construction	374,000	-	-	-	-	374,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>399,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>399,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>399,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>399,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55315-60014	25,000	25,000.00	-	-	-	50,000
2504500-55315-60014	374,000	5,324,000.00	-	-	-	5,698,000
						-
<b>Total</b>	<b>399,000</b>	<b>5,349,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,748,000</b>

Location: Bear Valley Rd from Industrial Blvd to east of Ridgecrest Rd



## Capital Improvement Projects Streets Summary (cont.)

Project Title: Citywide Curb, Gutter and Sidewalks

Project Type: Street

Project Description: Install new sidewalk and curb and gutter with pavement widening or reconstruction. This will help facilitate proper drainage and sidewalks will create pedestrian access along reconstructed or new roadways.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	200,000	-	250,000	250,000	250,000	950,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>200,000</b>	<b>-</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>950,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>200,000</b>	<b>-</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>950,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2305000-55315-70025	200,000	-	250,000	250,000	250,000	950,000
						-
<b>Total</b>	<b>200,000</b>	<b>-</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>950,000</b>

Location: Various

## Capital Improvement Projects Streets Summary (cont.)

Project Title: Bear Valley Road - Balsam Road to Amargosa Road

Project Type: Street

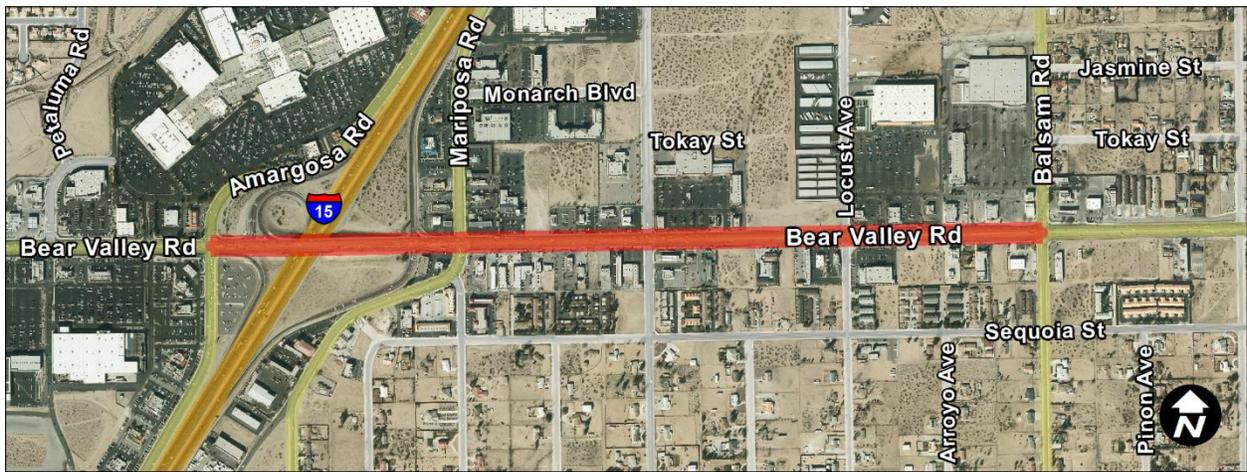
Project Description: Reconstruct failed and distressed pavement. Repave Bear Valley Road between Balsam Road and Amargosa Road due to high traffic volume.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	2,100,000					2,100,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>2,100,000</b>	-	-	-	-	<b>2,100,000</b>

<b>Operations &amp; Maintenance</b>						
Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	<b>2,100,000</b>	-	-	-	-	<b>2,100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504500-55315-60075	2,100,000	-	-	-	-	2,100,000
						-
<b>Total</b>	<b>2,100,000</b>	-	-	-	-	<b>2,100,000</b>

Location: Bear Valley Rd from Balsam Road to Amargosa Road



## Capital Improvement Projects Streets Summary (cont.)

Project Title: El Evado Road - Hook to Mojave

Project Type: Streets

Project Description: Pave shoulders on El Evado between Hook and Mojave through the narrow section under the LADWP power lines.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	158,500	-	-	-	-	158,500
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>158,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>158,500</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>158,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>158,500</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504500-55315-60072	158,500	-	-	-	-	158,500
						-
<b>Total</b>	<b>158,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>158,500</b>

Location: El Evado Road - Hook Blvd to Mojave Dr



## Capital Improvement Projects Streets Summary (cont.)

Project Title: CNG Fuel Station at Foxborough

Project Type: Building/Building Improvements

Project Description: Build a new CNG fuel station at Foxborough due to the increase in demand from external customers and utilize AB2766 and MDAQMD grand funds.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	230,691	-	-	-	-	230,691
Miscellaneous						-
<b>Total Construction</b>	<b>230,691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>230,691</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>230,691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>230,691</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2345035-55060-70612	230,691	-	-	-	-	230,691
						-
<b>Total</b>	<b>230,691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>230,691</b>

Location: Foxborough



## Capital Improvement Projects Streets Summary (cont.)

Project Title: Green Tree Boulevard - Hesperia Rd to Ridgecrest Rd/Yates Rd

Project Type: Street

Project Description: Design a new roadway between Hesperia Road and Ridgecrest with a bridge over the BNSF railroad to connect the new Yucca Loma Bridge and Hesperia Road.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental	10,000					10,000
Construction						-
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>10,000</b>	-	-	-	-	<b>10,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	<b>10,000</b>	-	-	-	-	<b>10,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504500-55315-60013	10,000	-	-	-	-	10,000
						-
<b>Total</b>	<b>10,000</b>	-	-	-	-	<b>10,000</b>

Location: Green Tree Blvd - Hesperia Rd and Ridgecrest/Yates Rd



## Capital Improvement Projects Streets Summary (cont.)

Project Title: La Mesa Road at US-395

Project Type: Street

Project Description: Install a new signal and pavement from Cantina to Mesa View. This project will connect Cantina with Pena Road with a signalized intersection at US-395.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental	25,000					25,000
Construction	1,521,564	-	-	-	-	1,521,564
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>1,546,564</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,546,564</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>1,546,564</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,546,564</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55315-60064	25,000	-	-	-	-	25,000
6114500-55315-60064	1,521,564	-	-	-	-	1,521,564
						-
<b>Total</b>	<b>1,546,564</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,546,564</b>

Location: La Mesa Road from Cantina to Mesa View



## Capital Improvement Projects Streets Summary (cont.)

Project Title: Mojave River Walk

Project Type: Recreation Trail

Project Description: Design the Mojave River Walk from Trail Head at Bear Valley Road to Yucca Loma and obtain environmental permits. This is a bike path that will be from the Trail Head at Bear Valley Road and Fish Hatchery and continue along an existing levee to tie into the Yucca Loma Bridge Construction and then into Mojave Narrows.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental	30,000	-	-	-	-	30,000
Construction						-
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>30,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>30,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2305000-55070-70611	30,000	-	-	-	-	30,000
<b>Total</b>	<b>30,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30,000</b>

Location: Mojave River from Bear Valley to Yucca Loma



## Capital Improvement Projects Streets Summary (cont.)

Project Title: Spring Valley Parkway - Bear Valley to Huerta St. Pavement Rehabilitation

Project Type: Street

Project Description: Rehabilitate existing pavement from Bear Valley Road to Huerta. Existing pavement is severely damaged and needs replacing. The County and SVL HOA will contribute to total cost of the project.

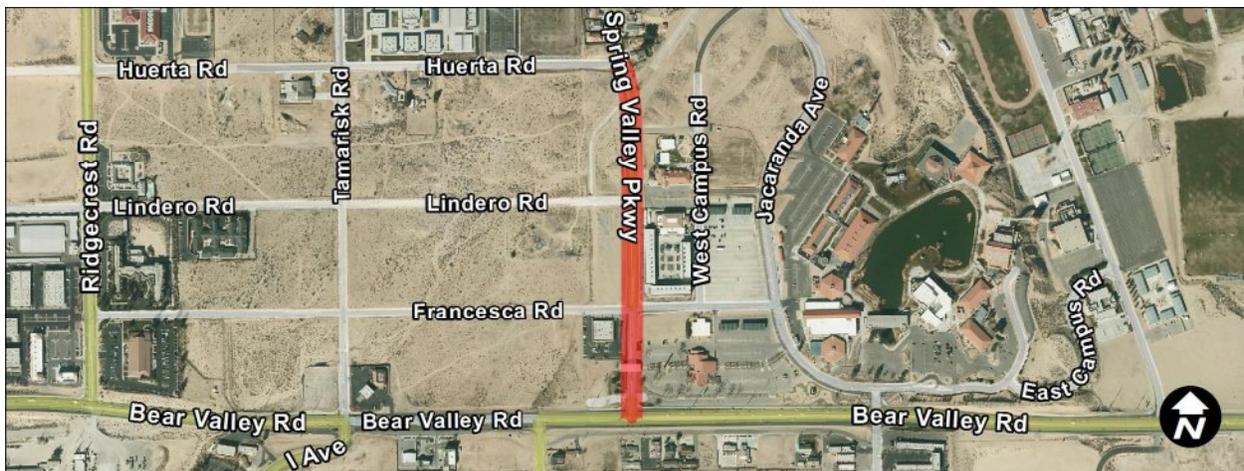
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	75,000					75,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>75,000</b>	-	-	-	-	<b>75,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	<b>75,000</b>	-	-	-	-	<b>75,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504500-55315-60081	75,000	-	-	-	-	75,000
						-
<b>Total</b>	<b>75,000</b>	-	-	-	-	<b>75,000</b>

Location: Spring Valley Lake Parkway from Bear Valley to Huerta



## Capital Improvement Projects Streets Summary (cont.)

Project Title: Transportation Center Parking Lot  
 Project Type: Improvements other than buildings  
 Project Description: Parking lot pavement reconditioning at Transportation Center.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	300,000	-	-	-	-	300,000
Miscellaneous						-
<b>Total Construction</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2305403-55070-70620	300,000	-	-	-	-	300,000
						-
<b>Total</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

Location: Transportation Center



## Capital Improvement Projects Streets Summary (cont.)

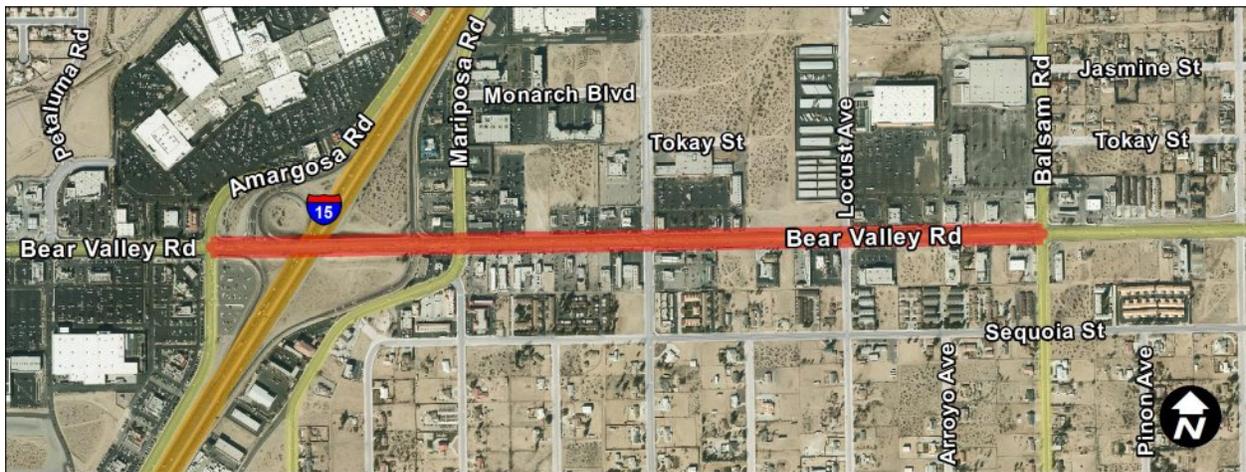
Project Title: Bike Routes  
 Project Type: Street  
 Project Description: Add bike routes on Bear Valley Rd between Balsam Road and Amargosa Road for safety and traffic concerns.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	100,000	-	-	-	-	100,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

<b>Operations &amp; Maintenance</b>						
Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55315-60080	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: Bear Valley Rd from Balsam Road to Amargosa Road



## Capital Improvement Projects Streets Summary (cont.)

Project Title: Access ramp and sidewalk repairs and replacement

Project Type: Street

Project Description: Existing handicap ramps and sidewalks need to be removed and replaced at various locations to meet the current ADA standards.

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	-	-	-	-	-	-
Project Management	100,000	-	-	-	-	100,000
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
2305000-55330-70026	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: Various

## Capital Improvement Projects Streets Summary (cont.)

Project Title: Thermo Plastic Machine

Project Type: Equipment purchase

Project Description: Purchase a machine that will allow our Traffic Striping crew the ability to maintain and apply thermoplastic traffic control stripes and legends

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	27,000	-	-	-	-	27,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2515008-55040-62032	27,000	-	-	-	-	27,000
						-
						-
						-
<b>Total</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

Location: McArt Yard

**Capital Improvement Projects**  
**Traffic Signals Summary**

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
AMETHYST RD	230	62025	15,000	-	-	-	-
Hook Blvd - Construct Signal - Federal Highway Safety Improvement Grant	250	62025	48,000	-	-	-	-
MOJAVE DRIVE							
East Trail - construct traffic signal	230	62030	15,000	-	-	-	-
	250	62030	43,300	-	-	-	-
NISQUALLI ROAD							
First Avenue - construct traffic signal	230	62031	15,000	-	-	-	-
	250	62031	51,700	-	-	-	-
CITYWIDE							
CMU Tester	250	62033	15,000	-	-	-	-
City/CalTrans Communication Upgrade	250	62034	50,000	-	-	-	-
Various Traffic Controls	250	62035	50,000	-	-	-	-
<b>TOTAL FOR TRAFFIC SIGNALS</b>			<b>303,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## Capital Improvement Projects Traffic Signals Summary (cont.)

Project Title: LTF - Amethyst/Hook Traffic Signal

Project Type: Streets - traffic signals

Project Description: Installation of new traffic signal at Amethyst and Hook

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	63,000	-	-	-	-	63,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>63,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>63,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55330-62025	15,000	-	-	-	-	15,000
2504500-55330-62025	48,000	-	-	-	-	48,000
						-
<b>Total</b>	<b>63,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63,000</b>

Location: Amethyst/Hook



## Capital Improvement Projects

### Traffic Signals Summary (cont.)

Project Title: LTF Mojave Drive/East Trail Traffic Signal

Project Type: Streets - traffic signals

Project Description: Installation of new traffic signal at Mojave Drive and East Trail

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	58,300	-	-	-	-	58,300
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>58,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>58,300</b>

#### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>58,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>58,300</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55330-62030	15,000	-	-	-	-	15,000
2504500-55330-62030	43,300	-	-	-	-	43,300
						-
<b>Total</b>	<b>58,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>58,300</b>

Location: Mojave Drive/East Trail



## Capital Improvement Projects Traffic Signals Summary (cont.)

Project Title: LTF Nisqualli/First Traffic Signal  
 Project Type: Street - Traffic Signal installation  
 Project Description: Installation of new traffic signal at Nisqualli and 1st Avenue.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	66,700	-	-	-	-	66,700
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>66,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>66,700</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>66,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>66,700</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55330-62031	15,000	-	-	-	-	15,000
2504500-55330-62031	51,700	-	-	-	-	51,700
						-
<b>Total</b>	<b>66,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>66,700</b>

Location: Nisqualli / First



## Capital Improvement Projects

### Traffic Signals Summary (cont.)

Project Title: CMU Tester

Project Type: Equipment purchase

Project Description: Purchase a new Conflict Monitor Unit to test safety equipment located inside existing traffic signal controller cabinets located at signalized intersections

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	15,000	-	-	-	-	15,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>15,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>15,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504503-55040-62033	15,000	-	-	-	-	15,000
						-
<b>Total</b>	<b>15,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>

Location: McArt Yard

## Capital Improvement Projects

### Traffic Signals Summary (cont.)

Project Title: City/Caltrans Community Upgrade

Project Type: Street

Project Description: Upgrade existing traffic signal communication system by installing radios or fiber optic cable

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications	50,000	-	-	-	-	50,000
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504503-55050-62034	50,000	-	-	-	-	50,000
						-
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Location: N/A

## Capital Improvement Projects

### Traffic Signals Summary (cont.)

Project Title: Citywide Traffic Signal Communication Upgrades

Project Type: Street

Project Description: Upgrade existing traffic signal communication system by installing radios or fiber optic cable to better manager our Citywide traffic signal system and improve on staff's ability to respond to complaints and improve coordination

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	50,000	-	-	-	-	50,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2504503-55040-62035	50,000	-	-	-	-	50,000
						-
						-
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Location: Various

## Capital Improvement Projects Drainage Summary

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Truck, 4x4 1 Ton Crew Cab - Replacement	202	70628	15,000	-	-	-	-
	220	70628	10,000	-	-	-	-
	220	70628	8,000	-	-	-	-
	425	70628	10,000	-	-	-	-
Front End Loader (544E) Replacement	202	70629	70,000	-	-	-	-
	220	70629	70,000	-	-	-	-
	425	70629	70,000	-	-	-	-
Survey Instruments	202	60082	6,500	-	-	-	-
	220	60082	6,500	-	-	-	-
	425	60082	6,500	-	-	-	-
	410	60082	6,500	-	-	-	-
AIR EXPRESSWAY At Turner Wash	202	61025	100,000	-	-	-	-
BEAR VALLEY ROAD From Dunia Rd to Amethyst	202	60071	460,000	-	-	-	-
	230	60071	80,000	-	-	-	-
	255	60071	160,000	-	-	-	-
GREEN TREE BLVD Desert Scape Upgrade	220	70619	40,000	-	-	-	-
MARIPOSA ROAD Oro Grande Wash access road	202	61031	100,000	-	-	-	-
SENECA ROAD North side at Oro Grande Wash-wages	202	61029	100,000	-	-	-	-
US-395 / Oro Grande Wash improvements	202	61030	150,000	-	-	-	-

**Capital Improvement Projects**  
**Drainage Summary (cont.)**

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
MASTER PLAN OF DRAINAGE							
Update Master Plan / Mapping. Drainage Development Impact Fee Study- Matching Funds to grant-wages	202	61024	50,000	-	-	-	-
VARIOUS DRAINAGE REPAIRS & CONTROLS							
Paseo/Wash access - Mesa Linda School	370	70634	40,000	-	-	-	-
Landscaping - various	370	70635	50,000	-	-	-	-
Masonry Block Wall - Hillcrest	370	70616	45,000	-	-	-	-
Masonry Block Wall - various	370	70636	150,000	-	-	-	-
<b>TOTAL FOR DRAINAGE</b>			<b>1,804,000</b>	-	-	-	-

## Capital Improvement Projects Drainage Summary (cont.)

Project Title: 4 Wheel Drive Crew Cab

Project Type: Vehicle purchase

Project Description: New 4 Wheel Drive Crew Cab to replace existing 2001 vehicle. 4-wheel drive needed to monitor sewer easements in drainage channels.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	43,000	-	-	-	-	43,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>43,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,000</b>

<b>Operations &amp; Maintenance</b>						
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>43,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2205005-55045-70628	8,000	-	-	-	-	8,000
2205004-55045-70628	10,000	-	-	-	-	10,000
4250700-55045-70628	10,000	-	-	-	-	10,000
2025060-55045-70628	15,000	-	-	-	-	15,000
						-
<b>Total</b>	<b>43,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,000</b>

Location: McArt Yard

## Capital Improvement Projects Drainage Summary (cont.)

Project Title: 544E Front End Loader

Project Type: Equipment purchase

Project Description: 544E Front End Loader to replace current loader which does not meet newly mandated off road emissions requirements. Lead time for manufacturer is 18 months.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	210,000	-	-	-	-	210,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>210,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>210,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2025060-55040-70629	70,000	-	-	-	-	70,000
2205004-55040-70629	70,000	-	-	-	-	70,000
4250700-55040-70629	70,000	-	-	-	-	70,000
						-
<b>Total</b>	<b>210,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210,000</b>

Location: McArt Yard

## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Survey Instrument

Project Type: Equipment purchase

Project Description: Purchase of a new Total Station Survey system to replace existing non-functioning equipment

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	26,000	-	-	-	-	26,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>26,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>26,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2024500-55040-60082	6,500	-	-	-	-	6,500
2205001-55040-60082	6,500	-	-	-	-	6,500
4104500-55040-60082	6,500	-	-	-	-	6,500
4250700-55040-60082	6,500	-	-	-	-	6,500
						-
<b>Total</b>	<b>26,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,000</b>

Location: Various

## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Air Expressway at Turner Wash

Project Type: Drainage

Project Description: Install New wing walls to repair and preserve existing culvert and roadway and to stabilize the downstream slopes with rip rap.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	100,000	-	-	-	-	100,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2024500-55325-61025	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: Air Expressway at Turner Wash



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Bear Valley Road - Dunia Rd to Amethyst

Project Type: Street

Project Description: Reconstruct the pavement with a grind and overlay or full reconstruction as old pavement is delaminating and has severe cracks. Install a new 60" Storm Drain to capture storm water and drain it to the wash which will improve the roadway. Install new curb and gutter and sidewalk across the wash and between Pacoima and Shooting Star. Also upgrade existing ramps to meet current ADA requirements.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	700,000	-	-	-	-	700,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>700,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>700,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2304500-55315-60071	80,000	-	-	-	-	80,000
2504500-55315-60071	160,000	-	-	-	-	160,000
2024500-55325-60071	460,000	-	-	-	-	460,000
<b>Total</b>	<b>700,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>700,000</b>

Location: Bear Valley Road from Dunia Road to Amethyst Rd



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Greentree Island Desert Scape Upgrade

Project Type: Open Space/LMAD

Project Description: Desertscape upgrade of Greentree Islands to reduce water consumption and maintenance efforts. Projects designed to use Cash for Grass incentives.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	40,000	-	-	-	-	40,000
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2205007-55070-70619	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: Greentree Islands



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Mariposa Road Drainage Access

Project Type: Drainage

Project Description: To Install a new access ramp to get into the Oro Grande Wash on the east side of Mariposa. This is needed to be able to maintain the wash downstream of the interchange.

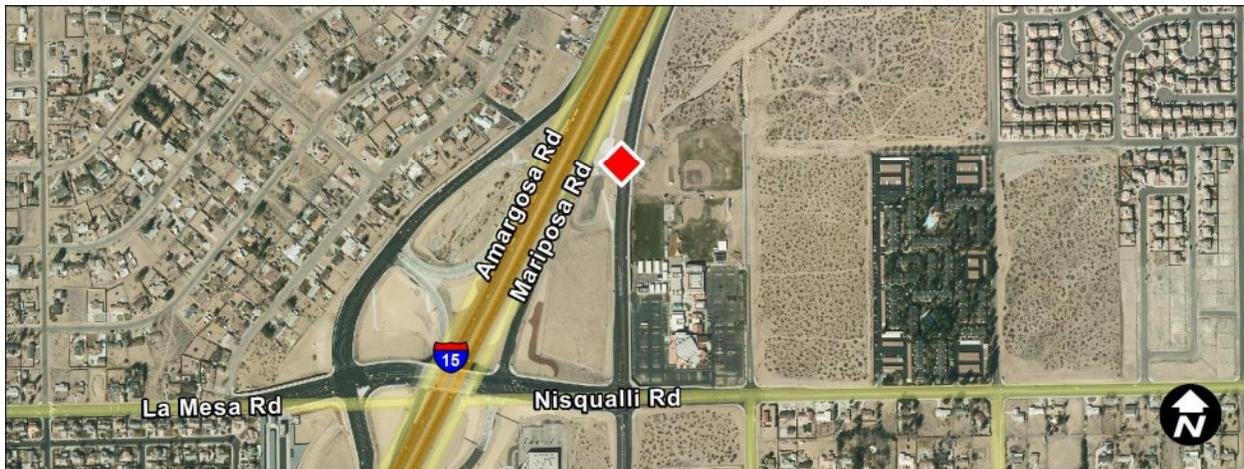
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	100,000	-	-	-	-	100,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2024500-55325-61031	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: Oro Grande Wash on east side of Mariposa



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Seneca Road Drainage Stabilization

Project Type: Drainage

Project Description: Stabilize existing slopes and install new energy dissipating structures. The existing wash has eroded the existing dirt leaving 30 ft cliffs. The new Rip Rap will dissipate some of the energy the water is carrying through the wash.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	100,000	-	-	-	-	100,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2024500-55325-61029	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: Seneca Road at the Oro Grande Wash



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: US-395, Luna Road to north of Dos Palmas Road

Project Type: Drainage

Project Description: Install erosion control improvements along US-395, repair the existing earthen slopes and widen the existing drainage channel along Highway 395 north of Dos Palmas Road to prevent erosion and stabilize the slope.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	150,000	-	-	-	-	150,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2024500-55325-61030	150,000	-	-	-	-	150,000
						-
<b>Total</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

Location: US-395, Luna Road to north of Dos Palmas Road



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: Drainage Master Plan

Project Type: Master Plan/Study

Project Description: Prepare a Drainage Development Impact Fee Study to assist in determination of the collection of fees to maintain existing drainage infrastructure that is being impacted by developers.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	50,000	-	-	-	-	50,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2024500-55035-61024	50,000	-	-	-	-	50,000
						-
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Location: Citywide

## Capital Improvement Projects Drainage Summary (cont.)

Project Title: LMAD 2 Paseo/Wash Access

Project Type: Open Space/LMAD

Project Description: Installation of driveway into the wash area to allow maintenance access behind Mesa Linda School

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	40,000	-	-	-	-	40,000
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
3705502-55070-70634	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: LMAD 2 Paseo/Wash behind Mesa Linda School



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: LMAD 6 Landscaping Various

Project Type: Open Space/LMAD

Project Description: Installation of new irrigation and landscaping in LMAD 6 at Ottawa, Nisqualli, and Arrowhead to uncompleted tracts

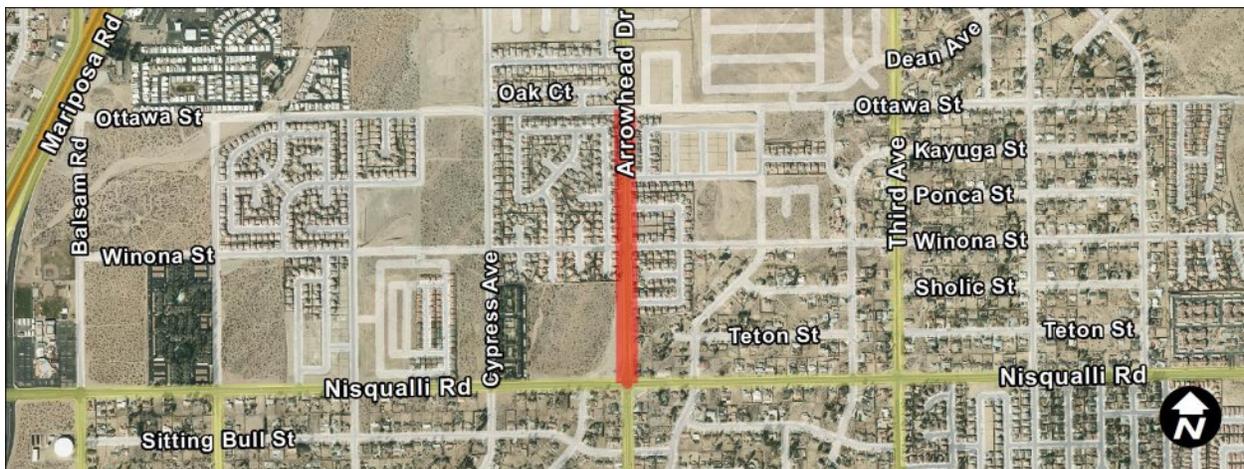
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	50,000	-	-	-	-	50,000
Miscellaneous						-
<b>Total Construction</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
3705506-55070-70635	50,000	-	-	-	-	50,000
						-
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Location: LMAD 6



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: DFAD1-Masonry wall  
 Project Type: Open Space/LMAD  
 Project Description: Replacement of chain link fence with block wall to provide high level of security, improve aesthetics in residential area of Hillcrest and Highcrest.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	45,000	-	-	-	-	45,000
Miscellaneous						-
<b>Total Construction</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
3705530-55070-70616	45,000	-	-	-	-	45,000
						-
<b>Total</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,000</b>

Location: DFAD 1



## Capital Improvement Projects Drainage Summary (cont.)

Project Title: DFAD 1 Masonry Wall Various

Project Type: Open Space/LMAD

Project Description: Replacement of chain link fence with masonry block walls in DFAD 1 at Highcrest, Foxborough, and Aurora to provide high level of security, improve aesthetics in residential area

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	150,000	-	-	-	-	150,000
Miscellaneous						-
<b>Total Construction</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
3705530-55070-70636	150,000	-	-	-	-	150,000
						-
<b>Total</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

Location: DFAD 1

**Capital Improvement Projects**  
**Sewer Summary**

<b>Projects</b>	<b>Funding Source</b>	<b>Proj</b>		<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>
Arrow Board, Trailer SolarGuide	202	70631	2,600	-	-	-	-
	425	70631	2,600	-	-	-	-
Truck - Sewer Combo Cleaning - Replacement	202	70630	100,000	-	-	-	-
	425	70630	400,000	-	-	-	-
Back Hoe - Replacement	202	97033	46,662	-	-	-	-
	370	97033	46,662	-	-	-	-
	425	97033	46,676	-	-	-	-
Master Plan Main Projects	425	77418	250,000	-	-	-	-
Citywide Sewer Master Plan	425	77001	300,000	-	-	-	-
Sanitary Related Equipment	425	70013	20,000	-	20,000	20,000	20,000
Work order software	425	77419	471,220	-	-	-	-
<b>TOTAL FOR SEWER</b>			<b>1,686,420</b>	<b>-</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>

## Capital Improvement Projects Sewer Summary (cont.)

Project Title: Trailer Solarguide

Project Type: Equipment purchase

Project Description: Purchase of a new Arrow Board, Trailer Solarguide Lite 98 x 48, 25 LED 50w, Soar, 2-6v Battery to replace existing board from 1990.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	5,200	-	-	-	-	5,200
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>5,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,200</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>5,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,200</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2025060-55040-70631	2,600	-	-	-	-	2,600
4250700-55040-70631	2,600	-	-	-	-	2,600
						-
<b>Total</b>	<b>5,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,200</b>

Location: McArt Yard

## Capital Improvement Projects Sewer Summary (cont.)

Project Title: Sewer Combo Cleaning Truck

Project Type: Equipment purchase

Project Description: Purchase of new sewer Combination Cleaning Truck to replace existing Vector truck to meet compliance requirements under new off road emissions standards.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	500,000	-	-	-	-	500,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2025060-55040-70630	100,000	-	-	-	-	100,000
4250700-55040-70630	400,000	-	-	-	-	400,000
						-
						-
						-
<b>Total</b>	<b>500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500,000</b>

Location: McArt Yard

## Capital Improvement Projects Sewer Summary (cont.)

Project Title: Back Hoe

Project Type: Equipment purchase

Project Description: New Backhoe to replace a piece of equipment no longer compliant with new mandated off road emissions regulations.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	140,000	-	-	-	-	140,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>140,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>140,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>140,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>140,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
2025060-55040-97033	46,662	-	-	-	-	46,662
3705531-55040-97033	46,662	-	-	-	-	46,662
4250700-55040-97033	46,676	-	-	-	-	46,676
						-
<b>Total</b>	<b>140,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>140,000</b>

Location: McArt Yard

## Capital Improvement Projects Sewer Summary (cont.)

Project Title: Master Plan Main Projects

Project Type: Master Plan/Study

Project Description: The sewer master plan identifies sewer lines that the system is missing. This project is to address completion of those missing links.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	250,000	-	-	-	-	250,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4254500-55030-77418	250,000	-	-	-	-	250,000
						-
<b>Total</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>

Location: Various

## Capital Improvement Projects Sewer Summary (cont.)

Project Title: Citywide Sewer Master Plan  
 Project Type: Master Plan/Study  
 Project Description: Update the existing 2006 Sewer Master Plan.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	300,000	-	-	-	-	300,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4254500-55035-77001	300,000	-	-	-	-	300,000
						-
<b>Total</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

Location: Citywide

## Capital Improvement Projects Sewer Summary (cont.)

Project Title: Sanitary Related Equipment  
 Project Type: Equipment purchase  
 Project Description: Annual allotment to purchase additional equipment needed by crews for sewer work.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	20,000	-	20,000	20,000	20,000	80,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>20,000</b>	<b>-</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>80,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>20,000</b>	<b>-</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>80,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4250700-55040-70013	20,000	-	20,000	20,000	20,000	80,000
						-
<b>Total</b>	<b>20,000</b>	<b>-</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>80,000</b>

Location: McArt Yard

**Capital Improvement Projects**  
**Solid Waste/Landfill Mitigation Summary**

<b>Projects</b>	<b>Funding Source</b>	<b>Proj</b>	<b>2016 Budget</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>
Truck, 4x4 Extended Cab	426	97022	27,000	-	-	-	-
Truck, 4x2 Extended Cab	426	97046	27,000	-	-	-	-
Vehicles	427	97030	300,000	-	-	-	-
<b>TOTAL FOR SOLID WASTE</b>			<b>54,000</b>	-	-	-	-
<b>TOTAL FOR LANDFILL MITIGATION</b>			<b>300,000</b>	-	-	-	-

**Capital Improvement Projects**  
**Solid Waste/Landfill Mitigation Summary (cont.)**

Project Title: 4WD Extended Cab Pickup SW

Project Type: Vehicle purchase

Project Description: Purchase of new pickup truck; approved in FY 2015 but purchase was delayed. This is needed to accommodate the current staffing levels for Solid Waste division.

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles	27,000	-	-	-	-	27,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

**Operations & Maintenance**

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4260400-55045-97022	27,000	-	-	-	-	27,000
						-
<b>Total</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

Location: City Hall

**Capital Improvement Projects**  
**Solid Waste/Landfill Mitigation Summary (cont.)**

Project Title: 2WD Extended Cab Pickup SW

Project Type: Vehicle purchase

Project Description: Purchase of pickup truck; approved in FY 2015 but purchase was delayed. Existing vehicle is past service life and needs to be replaced.

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles	27,000	-	-	-	-	27,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

**Operations & Maintenance**

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4260400-55045-97046	27,000	-	-	-	-	27,000
						-
<b>Total</b>	<b>27,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,000</b>

Location: City Hall

**Capital Improvement Projects**  
**Solid Waste/Landfill Mitigation Summary (cont.)**

Project Title: Rear Loader Trash Truck

Project Type: Vehicle purchase

Project Description: Purchase of a 30 cubic yard rear loading trash truck for use in illegal dump abatement/cleanup; approved in FY 2015 but purchase was delayed.

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles	300,000	-	-	-	-	300,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

**Operations & Maintenance**

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4274201-55045-97030	300,000	-	-	-	-	300,000
						-
<b>Total</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>

Location: McArt Yard

## Capital Improvement Projects Water Summary

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Backhoe - Replacements							
Replace #05668	410	74211	120,000	-	-	-	-
Replace #16007	410	74214	120,000	-	-	-	-
Booster Pumping Station - Hwy 395 - Power Supply	410	74176	59,000	-	-	-	-
Booster Pumping Station - Hwy 395 - Upgrade	410	74138	200,000	-	-	-	-
Booster Pumping Station - ID1-ID2	410	74242	1,540,000	-	-	-	-
Compressor - Replacements							
Replace #CL297	410	74218	15,000	-	-	-	-
Demonstration Gardens/Low Water Use Conversions	410	74219	115,000	-	-	-	-
Dump Truck - New 10-wheel large							
Replace 07091	410	74231	100,000	-	-	-	-
Facilities Improvements - Security Fences - Weir Gates	410	74247	23,000	-	-	-	-
Wall-Warehouse	410	74160	33,000				
WID2-Warehouse Upgrade	410	74212	10,000				
WID1-Warehouse Upgrade	410	74213	25,000				
Fiber Optic Upgrade	410	74220	85,000	-	-	-	-
Forklift Replacement							
Replace #02580	410	74221	25,000	-	-	-	-
IVR - Telephone System Enhancements	410	74142	81,500	-	-	-	-

**Capital Improvement Projects**  
Water Summary (cont.)

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
GIS Mapping Master Plan	410	77024	150,000	-	-	-	-
Master Plan - Update	410	74011	100,000	-	-	-	-
Urban Water Management Plan	410	74073	25,000	-	-	-	-
Vulnerability Assessment Update	410	74163	20,000	-	-	-	-
Meter Replacement - Large	410	74012	100,000	103,000	106,000	109,000	112,000
Pipeline - Dos Palmas Trench Repair	410	74181	190,000	-	-	-	-
Pipeline - Fireflow Project 01-57	410	74236	-	1,000,000	1,210,000	1,240,000	1,280,000
Pipeline - Mainline	410	74186	787,500	550,000	242,000	-	-
Pipeline - Service Line Replacement							
Phase 1	410	74244	862,000	-	-	-	-
Phase 2	410	74245	626,000	-	-	-	-
Pipeline - Small Diameter Replacement	410	74126	1,300,000	4,103,000	3,908,000	5,295,000	5,683,000
Pipeline - Stoddard Wells	410	74134	2,107,000				
PRV Metering at Mojave and El Evado	410	74188	60,000	-	-	-	-
PRV Station at Seneca and Amethyst	410	74190	60,000	-	-	-	-
PRV Station at Seneca and El Evado	410	74191	60,000	-	-	-	-
Pump to Waste - T&D	410	74032	200,000	220,000	-	-	-

**Capital Improvement Projects**  
Water Summary (cont.)

<b>Projects</b>	<b>Funding Source</b>	<b>Proj</b>	<b>2016 Budget</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>
Reclaimed Water T&D	413	74057	105,000	-	-	-	-
Right of Way Relocations	410	74020	125,000	129,000	133,000	137,000	141,000
Right of Way Relocations - I-15 Widening	410	74192	1,100,000	-	-	-	-
Truck - Hydraulic Pump	410	74146	97,000	-	-	-	-
Truck Replacement							
Truck - Replace Vehicle 21084	410	74197	40,000	-	-	-	-
Truck - Replace Vehicle 35967	410	74229	40,000	-	-	-	-
Truck - Replace Vehicle 83409	410	74230	40,000	-	-	-	-
Meter Vehicle - Replace Vehicle 00213	410	74148	47,000	-	-	-	-
Meter Vehicle - Replace Vehicle 93663	410	74149	32,500	-	-	-	-
Meter Vehicle - Replace Vehicle 69557	410	74150	32,500	-	-	-	-
Truck - Replace Vehicle 69608	410	74137	72,000	-	-	-	-
Truck - Replace Vehicle 69609	410	74227	40,000	-	-	-	-
Truck - Replace Vehicle 52051	410	74226	45,000	-	-	-	-
<b>TOTAL 2016 PROJECT</b>			<b>11,015,000</b>	<b>6,105,000</b>	<b>5,599,000</b>	<b>6,781,000</b>	<b>7,216,000</b>

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Backhoe - Replace 05668

Project Type: Equipment purchase

Project Description: New equipment to replace 1970 Case 480D backhoe; required to meet emission standards.  
MUNIS Asset #12361

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	120,000	-	-	-	-	120,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55040-74211	120,000	-	-	-	-	120,000
						-
<b>Total</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

Location: Eureka Yard

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Backhoe - Replace 16007

Project Type: Equipment purchase

Project Description: New equipment to replace 1989 Case 580K backhoe; required to meet emission standards.  
MUNIS Asset #12395

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	120,000	-	-	-	-	120,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55040-74214	120,000	-	-	-	-	120,000
						-
<b>Total</b>	<b>120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120,000</b>

Location: Eureka Yard

## Capital Improvement Projects Water Summary (cont.)

Project Title: Booster Pumping Station - Hwy 395 - Power Supply

Project Type: Water

Project Description: New power supply for Booster Pumping Station - Genset purchased in FY2015; remaining carryover balance for ATS, controller, soft start, service conductors, & motor leads

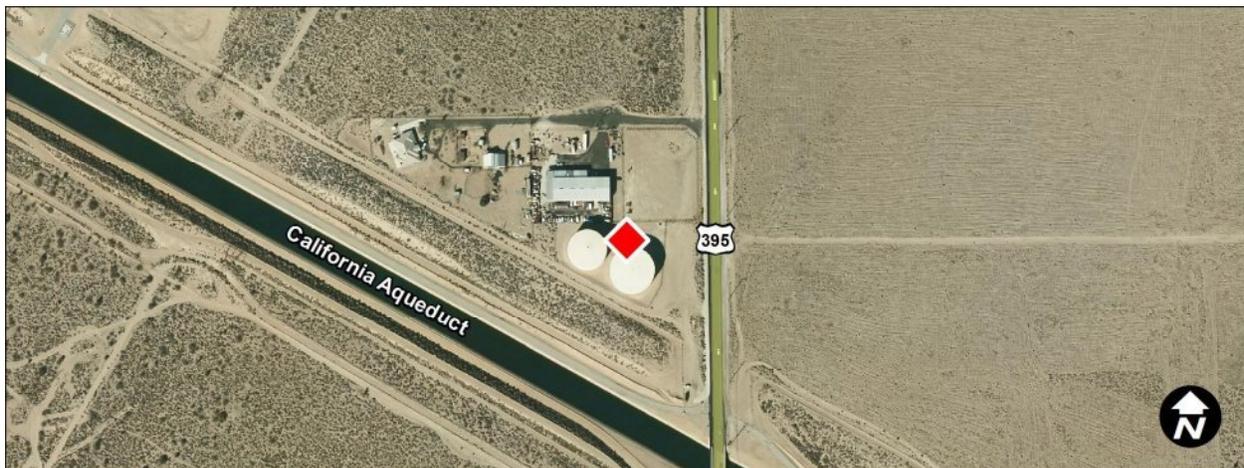
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	59,000	-	-	-	-	59,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>59,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>59,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55360-74176	59,000	-	-	-	-	59,000
						-
<b>Total</b>	<b>59,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,000</b>

Location: Highway 395



## Capital Improvement Projects Water Summary (cont.)

Project Title: Booster Pumping Station - Hwy 395 - Upgrade

Project Type: Water

Project Description: Upgrade for booster station that is no longer adequate for demand; includes setup, additional pump, motor, & pump control valve; MUNIS Asset #12757

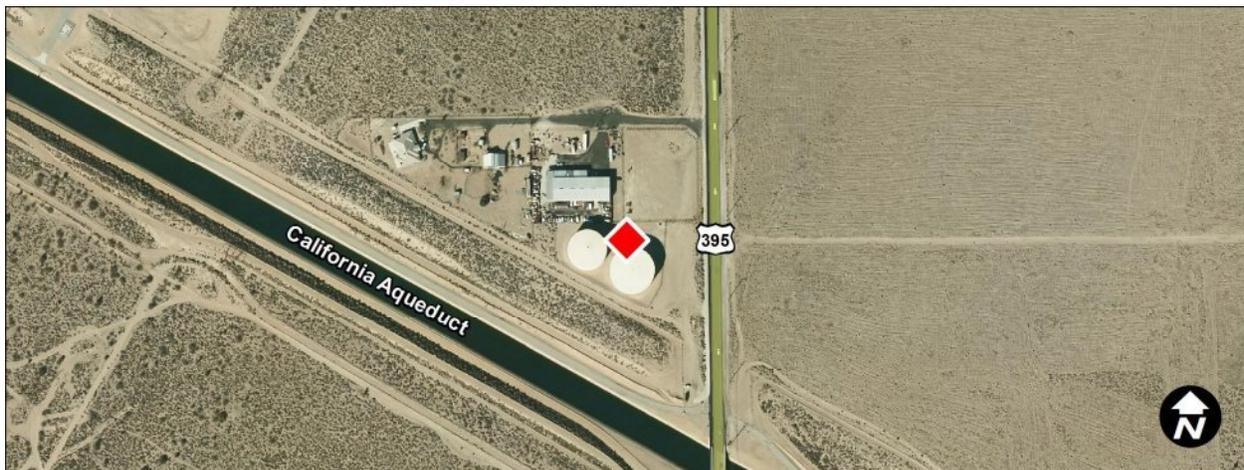
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	200,000	-	-	-	-	200,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55360-74138	200,000	-	-	-	-	200,000
						-
<b>Total</b>	<b>200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200,000</b>

Location: Highway 395



## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Booster Pumping Station - WID1 -WID2

Project Type: Water

Project Description: Improvements required in the balancing of pressure zones as identified in the Master Plan Table 9.9

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	1,540,000	-	-	-	-	1,540,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>1,540,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,540,000</b>

#### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>1,540,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,540,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55360-74242	1,540,000	-	-	-	-	1,540,000
						-
<b>Total</b>	<b>1,540,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,540,000</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Compressor - Replace CL297

Project Type: Equipment purchase

Project Description: New equipment to replace 2001 Ingersoll Rand P185 compressor; replacement required to meet new emissions standards. MUNIS Asset #12823

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	15,000	-	-	-	-	15,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>15,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>15,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55040-74218	15,000	-	-	-	-	15,000
						-
<b>Total</b>	<b>15,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>

Location: Eureka Yard

## Capital Improvement Projects Water Summary (cont.)

Project Title: Demonstration Gardens/Low Water Use Conversions

Project Type: Water

Project Description: Demonstration Gardens & Water Use Conversions for public awareness and conservation

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	115,000	-	-	-	-	115,000
Miscellaneous						-
<b>Total Construction</b>	<b>115,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>115,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>115,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>115,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100525-55070-74219	115,000	-	-	-	-	115,000
						-
<b>Total</b>	<b>115,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>115,000</b>

Location: Mojave River Education Trailway, Library, City Hall, Sunset Ridge Park

## Capital Improvement Projects Water Summary (cont.)

Project Title: Truck, Dump - Replace 07091

Project Type: Equipment purchase

Project Description: Purchase of new dump truck to replace Chevrolet Kodiak 6500 based on age & condition

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	100,000	-	-	-	-	100,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55040-74231	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: Eureka Yard

## Capital Improvement Projects Water Summary (cont.)

Project Title: Weir Gates at El Evado  
 Project Type: Non-building improvements - Water  
 Project Description: Gates to secure facilities at El Evado and Cholame

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	23,000	-	-	-	-	23,000
Miscellaneous						-
<b>Total Construction</b>	<b>23,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>23,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100515-55060-74247	23,000	-	-	-	-	23,000
						-
<b>Total</b>	<b>23,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23,000</b>

Location: El Evado/Cholame



## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Stoddard Wells

Project Type: Water

Project Description: Infrastructure improvements required in the balancing of pressure zones 2890 and 2906

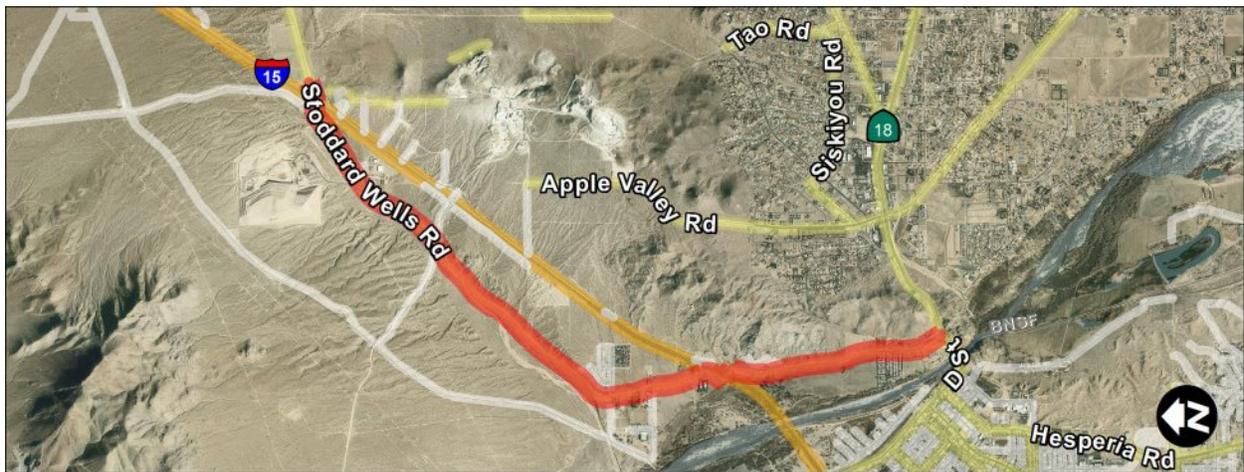
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	2,107,000.00	-	-	-	-	2,107,000.00
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>2,107,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,107,000.00</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74134	2,107,000.00	-	-	-	-	2,107,000.00
						-
<b>Total</b>	<b>2,107,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,107,000.00</b>

Location: Stoddard Wells Road



## Capital Improvement Projects Water Summary (cont.)

Project Title: WID2-Warehouse Upgrade  
 Project Type: Water  
 Project Description: Camera and security monitoring.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	10,000.00					10,000.00
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>10,000.00</b>	-	-	-	-	<b>10,000.00</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	-	-	-	-	-	-

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55060-74212	10,000.00	-	-	-	-	10,000.00
						-
<b>Total</b>	<b>10,000.00</b>	-	-	-	-	<b>10,000.00</b>

Location: 13777 Hesperia Road



## Capital Improvement Projects Water Summary (cont.)

Project Title: WID 1-Warehouse Upgrade  
 Project Type: Water  
 Project Description: Camera and security monitoring.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	25,000.00	-	-	-	-	25,000.00
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>25,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000.00</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	-	-	-	-	-	-

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55060-74213	25,000.00	-	-	-	-	25,000.00
						-
<b>Total</b>	<b>25,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000.00</b>

Location: 13777 Hesperia Road



## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Fiber Optic Upgrade

Project Type: Water

Project Description: Expansion of fiber optic communication in support of SCADA

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	85,000	-	-	-	-	85,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>85,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>85,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>85,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>85,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100505-55034-74220	85,000	-	-	-	-	85,000
						-
<b>Total</b>	<b>85,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>85,000</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Forklift - Replace 02580

Project Type: Equipment purchase

Project Description: New equipment to replace 1989 Caterpillar T40D forklift; MUNIS Asset #12246

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	25,000	-	-	-	-	25,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55040-74221	25,000	-	-	-	-	25,000
						-
<b>Total</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000</b>

Location: Eureka Yard

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: IVR Telephone System Enhancements, Phase II

Project Type: Communications equipment purchase

Project Description: Interactive Voice Response (IVR) system in support of Customer Service/Billing processes

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	81,500	-	-	-	-	81,500
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>81,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>81,500</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>81,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>81,500</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100545-55034-74142	81,500	-	-	-	-	81,500
						-
<b>Total</b>	<b>81,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>81,500</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: GIS Mapping

Project Type: Water

Project Description: GIS Mapping required in support of Master Plan update, infrastructure engineering & systems planning to include entry of data points.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	150,000	-	-	-	-	150,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4104500-55035-77024	150,000	-	-	-	-	150,000
						-
<b>Total</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150,000</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: Master Plan - Update

Project Type: Master Plan/Study

Project Description: Master Water Plan required 5-year update which is to include new installations & reclaimed water system. Carryover from FY2015.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	100,000	-	-	-	-	100,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4104500-55035-74011	100,000	-	-	-	-	100,000
						-
<b>Total</b>	<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: Urban Water Management Plan

Project Type: Master Plan/Study

Project Description: UWMP Update is statutorily required every 5 years.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	25,000	-	-	-	-	25,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100525-55030-74073	25,000	-	-	-	-	25,000
						-
<b>Total</b>	<b>25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,000</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: Vulnerability Assessment Update

Project Type: Master Plan/Study

Project Description: Vulnerability Assessment update has been advised by risk management; project carryover from FY2015

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	20,000	-	-	-	-	20,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4104500-55035-74163	20,000	-	-	-	-	20,000
						-
<b>Total</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>

Location: City Hall

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Meter Replacement - Large

Project Type: Water

Project Description: Annual provision for replacement of large, non-functioning/malfunctioning meters and vaults for water conservation & accurate flow recording/billing

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	100,000	103,000	106,000	109,000	112,000	530,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>100,000</b>	<b>103,000</b>	<b>106,000</b>	<b>109,000</b>	<b>112,000</b>	<b>530,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	<b>100,000</b>	<b>103,000</b>	<b>106,000</b>	<b>109,000</b>	<b>112,000</b>	<b>530,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100530-55370-74012	100,000	103,000	106,000	109,000	112,000	530,000
						-
<b>Total</b>	<b>100,000</b>	<b>103,000</b>	<b>106,000</b>	<b>109,000</b>	<b>112,000</b>	<b>530,000</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Dos Palmas Trench Repair  
 Project Type: Water  
 Project Description: Replace pipeline due to pipeline trench failure

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	190,000	-	-	-	-	190,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>190,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>190,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74181	190,000	-	-	-	-	190,000
						-
<b>Total</b>	<b>190,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190,000</b>

Location: Dos Palmas Road

## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Fire flow Projects 01 - 57

Project Type: Water

Project Description: Provision for pipeline required for fire flow as identified in the Master Plan Table 9.9

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	-	1,000,000	1,210,000	1,240,000	1,280,000	4,730,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	-	1,000,000	1,210,000	1,240,000	1,280,000	4,730,000

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	-	1,000,000	1,210,000	1,240,000	1,280,000	4,730,000

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74236	-	1,000,000	1,210,000	1,240,000	1,280,000	4,730,000
						-
<b>Total</b>	-	1,000,000	1,210,000	1,240,000	1,280,000	4,730,000

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Steel Replacements

Project Type: Water

Project Description: Provision for steel pipeline replacements as identified in the Master Plan Table 9.9

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	787,500	550,000	242,000	-	-	1,579,500
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>787,500</b>	<b>550,000</b>	<b>242,000</b>	<b>-</b>	<b>-</b>	<b>1,579,500</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>787,500</b>	<b>550,000</b>	<b>242,000</b>	<b>-</b>	<b>-</b>	<b>1,579,500</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74186	787,500	550,000	242,000	-	-	1,579,500
						-
<b>Total</b>	<b>787,500</b>	<b>550,000</b>	<b>242,000</b>	<b>-</b>	<b>-</b>	<b>1,579,500</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Service Line Replacements Phase I  
 Project Type: Water  
 Project Description: Provision for replacement of failing service lines

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	862,000	-	-	-	-	862,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>862,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>862,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>862,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>862,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4100535-55360-74244	862,000	-	-	-	-	862,000
						-
<b>Total</b>	<b>862,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>862,000</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Service Line Replacements Phase II  
 Project Type: Water  
 Project Description: Provision for replacement of failing service lines

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	626,000	-	-	-	-	626,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>626,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>626,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>626,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>626,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74245	626,000	-	-	-	-	626,000
						-
<b>Total</b>	<b>626,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>626,000</b>

Location: Various

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Pipeline - Small Diameter Replacement

Project Type: Water

Project Description: Small diameter pipeline replacements. Provision for small diameter pipeline replacements as identified in the Master Plan Table 9.9

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	1,300,000	4,103,000	3,908,000	5,295,000	5,683,000	20,289,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>1,300,000</b>	<b>4,103,000</b>	<b>3,908,000</b>	<b>5,295,000</b>	<b>5,683,000</b>	<b>20,289,000</b>

#### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	<b>1,300,000</b>	<b>4,103,000</b>	<b>3,908,000</b>	<b>5,295,000</b>	<b>5,683,000</b>	<b>20,289,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74126	1,300,000	4,103,000	3,908,000	5,295,000	5,683,000	20,289,000
						-
<b>Total</b>	<b>1,300,000</b>	<b>4,103,000</b>	<b>3,908,000</b>	<b>5,295,000</b>	<b>5,683,000</b>	<b>20,289,000</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Wall-Warehouse

Project Type: Water

Project Description: Landscaping at new WID 1 block wall \$15,000 and gate motors \$18,000

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	33,000.00	-	-	-	-	33,000.00
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>33,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>33,000.00</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55070-74160	33,000.00	-	-	-	-	33,000.00
						-
<b>Total</b>	<b>33,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>33,000.00</b>

Location: 13777 Hesperia Road



## Capital Improvement Projects Water Summary (cont.)

Project Title: PRV Station at Mojave & El Evado

Project Type: Water

Project Description: Pressure Reducing Valve Station needed for pressure zone balancing as identified in the Master Plan Table 9.9

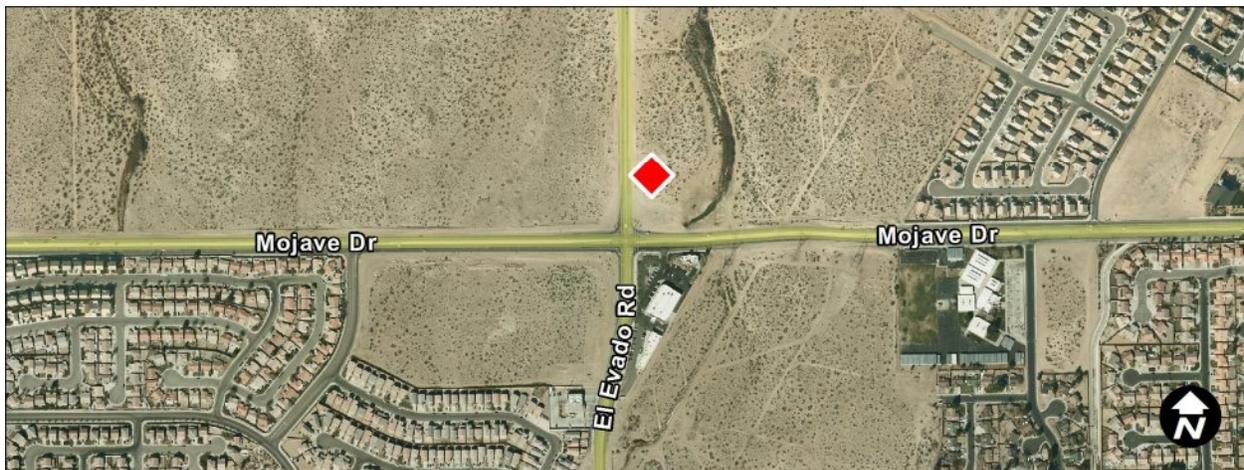
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	60,000	-	-	-	-	60,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55351-74188	60,000	-	-	-	-	60,000
						-
<b>Total</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

Location: Mojave & El Evado



## Capital Improvement Projects Water Summary (cont.)

Project Title: PRV Station at Seneca & Amethyst

Project Type: Water

Project Description: Pressure Reducing Valve Station needed for pressure zone balancing as identified in the Master Plan Table 9.9

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	60,000	-	-	-	-	60,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55351-74190	60,000	-	-	-	-	60,000
						-
<b>Total</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

Location: Seneca & Amethyst



## Capital Improvement Projects Water Summary (cont.)

Project Title: PRV Station at Seneca & El Evado

Project Type: Water

Project Description: Pressure Reducing Valve Station needed for pressure zone balancing as identified in the Master Plan Table 9.9

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	60,000	-	-	-	-	60,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55351-74191	60,000	-	-	-	-	60,000
						-
<b>Total</b>	<b>60,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,000</b>

Location: Seneca & El Evado



## Capital Improvement Projects Water Summary (cont.)

Project Title: Pump to Waste

Project Type: Water

Project Description: Updating pump to waste to existing wells required to meet State quality standards & avoid high water flows as required by the California DHS.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	200,000	220,000	-	-	-	420,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>200,000</b>	<b>220,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>420,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>200,000</b>	<b>220,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>420,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55360-74032	200,000	220,000	-	-	-	420,000
						-
<b>Total</b>	<b>200,000</b>	<b>220,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>420,000</b>

Location: Wells 116, 120, 121, 122, 127, 131, 204, 208

## Capital Improvement Projects Water Summary (cont.)

Project Title: Pipeline - Missing Links Reclaimed Water

Project Type: Water

Project Description: Extension of Recycled Water System linkage of area missing completion of reclaimed water access as identified by staff

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	105,000	-	-	-	-	105,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>105,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>105,000</b>

### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>105,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>105,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4130520-55360-74057	105,000	-	-	-	-	105,000
						-
<b>Total</b>	<b>105,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>105,000</b>

Location: Various

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Right of Way Relocations

Project Type: Water

Project Description: Right of Way water infrastructure relocations provision for infrastructure relocation as statutorily required; Caltrans I-15 widening; subject to State reimbursements

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	125,000	129,000	133,000	137,000	141,000	665,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>125,000</b>	<b>129,000</b>	<b>133,000</b>	<b>137,000</b>	<b>141,000</b>	<b>665,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	-	-	-	-	-	-
<b>Total Project Costs</b>	<b>125,000</b>	<b>129,000</b>	<b>133,000</b>	<b>137,000</b>	<b>141,000</b>	<b>665,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74020	125,000	129,000	133,000	137,000	141,000	665,000
						-
<b>Total</b>	<b>125,000</b>	<b>129,000</b>	<b>133,000</b>	<b>137,000</b>	<b>141,000</b>	<b>665,000</b>

Location: Various

## Capital Improvement Projects Water Summary (cont.)

Project Title: Right of Way Relocations - I-15 Widening

Project Type: Water

Project Description: Right of Way water infrastructure relocations provision for infrastructure relocation as statutorily required; Caltrans I-15 widening; subject to State reimbursements

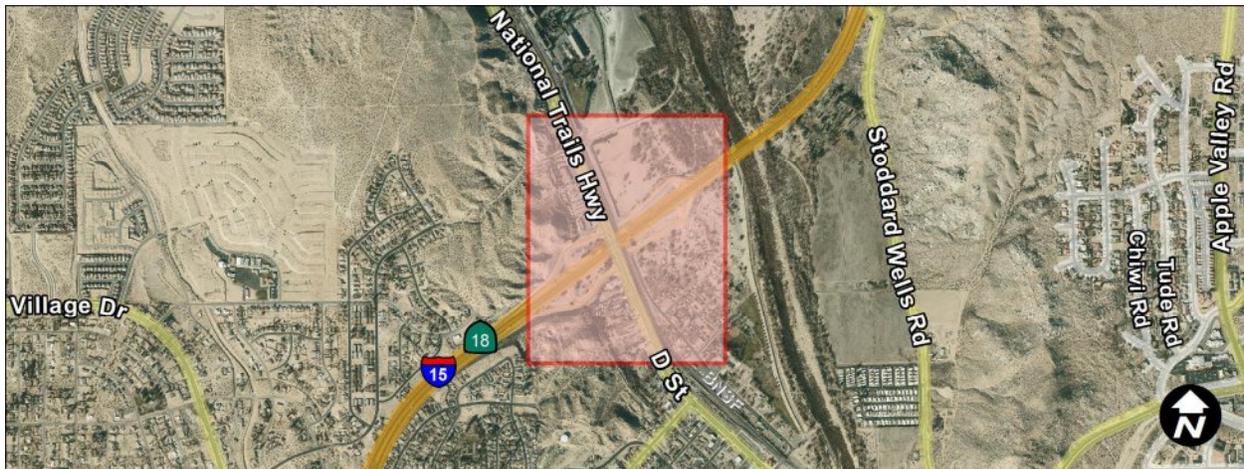
Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles	1,100,000	-	-	-	-	1,100,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>1,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,100,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>1,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55360-74192	1,100,000	-	-	-	-	1,100,000
						-
<b>Total</b>	<b>1,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,100,000</b>

Location: I-15 at D Street & E Street



## Capital Improvement Projects Water Summary (cont.)

Project Title: Truck - New

Project Type: Vehicle purchase

Project Description: New crew truck, 4-door Ford F550 with service bed; equipped with air compressor, hose reel, hydraulic pump; carryover from FY2014

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	97,000	-	-	-	-	97,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>97,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>97,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>97,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>97,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55040-74146	97,000	-	-	-	-	97,000
						-
<b>Total</b>	<b>97,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>97,000</b>

Location: City Hall

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Truck - Replace 21084

Project Type: Vehicle purchase

Project Description: New service truck in support of new position - Backflow Technician

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	40,000	-	-	-	-	40,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55045-74197	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: City Hall

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Truck - Replace 83406

Project Type: Vehicle purchase

Project Description: Replace 2002 Ford Ranger service truck; MUNIS Asset #12319. Replacement based on age & condition

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	40,000	-	-	-	-	40,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55045-74229	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: Truck - Replace 83409

Project Type: Vehicle purchase

Project Description: New vehicle to replace 2002 Ford Ranger service truck based on age and condition; MUNIS Asset #12316

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	40,000	-	-	-	-	40,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100500-55045-74230	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: City Hall

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Truck - Replace 00213

Project Type: Vehicle purchase

Project Description: New truck to replace 2001 GMC Sonoma on-call truck based on age and condition; MUNIS Asset #12232

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	47,000	-	-	-	-	47,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>47,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>47,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100530-55045-74148	47,000	-	-	-	-	47,000
						-
<b>Total</b>	<b>47,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47,000</b>

Location: City Hall

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Truck - Replace 93663

Project Type: Vehicle purchase

Project Description: New vehicle to replace 2006 Chevrolet Silverado 1500 based on age & condition

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles	32,500	-	-	-	-	32,500
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>32,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,500</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>32,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,500</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100530-55045-74149	32,500	-	-	-	-	32,500
						-
<b>Total</b>	<b>32,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,500</b>

Location: City Hall

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Truck - Replace 69559

Project Type: Vehicle purchase

Project Description: New truck to replace 2003 Chevrolet Silverado 1500 service truck; MUNIS Asset #12301 based on age and condition.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	32,500	-	-	-	-	32,500
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>32,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,500</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>32,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,500</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100530-55045-74150	32,500	-	-	-	-	32,500
						-
<b>Total</b>	<b>32,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,500</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: Truck - Replace 69608  
 Project Type: Water  
 Project Description: Replace 2003 Chevrolet Silverado 2500 service truck.

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	72,000.00	-	-	-	-	72,000.00
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>72,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>72,000.00</b>

<b>Operations &amp; Maintenance</b>						
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>72,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>72,000.00</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4100535-55040-74137	72,000.00	-	-	-	-	72,000.00
						-
<b>Total</b>	<b>72,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>72,000.00</b>

Location: 13777 Hesperia Road

## Capital Improvement Projects

### Water Summary (cont.)

Project Title: Truck - Replace 69609

Project Type: Vehicle purchase

Project Description: New vehicle to replace 2003 Chevrolet Silverado 2500 based on age & condition

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles	40,000	-	-	-	-	40,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100530-55045-74227	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: City Hall

## Capital Improvement Projects Water Summary (cont.)

Project Title: Truck - Replace 52051  
 Project Type: Vehicle purchase  
 Project Description: Replacement of 2000 Ford F350 service truck M#12382 based on age & condition

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles	45,000	-	-	-	-	45,000
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,000</b>

<b>Operations &amp; Maintenance</b>						
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4100535-55045-74226	45,000	-	-	-	-	45,000
<b>Total</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,000</b>

Location: City Hall

**Capital Improvement Projects**  
IWWTP Summary

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Boiler Upgrade	425	76024	265,000	-	-	-	-
Trailer Mounted Trash Pump	425	76028	50,000	-	-	-	-
Additional Screen	425	76029	250,000	-	-	-	-
<b>TOTAL FOR WWTF</b>			<b>565,000</b>	-	-	-	-

## Capital Improvement Projects

### IWWTP Summary (cont.)

Project Title: IWWTP - Boiler Upgrade

Project Type: Equipment purchase

Project Description: Boiler upgrade and related modifications required to facilitate the boiler operation to function on methane gas produced at the plant resulting in greatly reduced dependence on natural gas supplies & reduction in associated costs.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	265,000	-	-	-	-	265,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>265,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>265,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4250710-55040-76024	265,000	-	-	-	-	265,000
						-
<b>Total</b>	<b>265,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265,000</b>

Location: IWWTP

## Capital Improvement Projects

### IWWTP Summary (cont.)

Project Title: IWWTP - Trash Pump

Project Type: Equipment purchase

Project Description: Purchase of a trash pump necessary to pump effluent during emergency power outages

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	50,000	-	-	-	-	50,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4250710-55040-76028	50,000	-	-	-	-	50,000
						-
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Location: IWWTP

## Capital Improvement Projects

### IWWTP Summary (cont.)

Project Title: IWWTP Additional Screen

Project Type: Equipment purchase

Project Description: Purchase of additional screen needed at the Waste Water Treatment Plant

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment	250,000	-	-	-	-	250,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4250710-55040-76029	250,000	-	-	-	-	250,000
						-
<b>Total</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250,000</b>

Location: IWWTP

**Capital Improvement Projects**  
**Airport Summary**

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
<b>AIRPORT OPERATIONS</b>							
Fuel Farm - Phase 2 - EDA Grant -916	275	95002	-				
Matching funds	450	95002	208,413	-	-	-	-
Ramp Rehabilitation - EDA Grant 560	275	95055	-	-	-	-	-
Matching	450	95055	96,650	-	-	-	-
Runway 321 Reconstruction	275	95060	-				
	450	95060	515,018	-	-	-	-
US Customs Host Computer System - Replacement	450	95065	40,000	-	-	-	-
<b>AIRPORT FACILITIES</b>							
Wildlife Assessment - FAA Grant	275	95061	-	-	-	-	-
	450	95061	13,500	-	-	-	-
<b>TOTAL FOR AIRPORT</b>			<b>873,581</b>	-	-	-	-

## Capital Improvement Projects

### Airport Summary (cont.)

Project Title: SCLA Fuel Farm Phase 2 - Generator purchase

Project Type: Equipment purchase

Project Description: Purchase and install a 64eKW electrical generator that uses biogas as fuel. A secondary function of the generator will be to produce heat to be used in the sewer digestion process. Implement various other upgrades to the plant as needed.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	208,413	-	-	-	-	208,413
Miscellaneous						-
<b>Total Construction</b>	<b>208,413</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>208,413</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>208,413</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>208,413</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4501300A-55070-95002	208,413	-	-	-	-	208,413
						-
<b>Total</b>	<b>208,413</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>208,413</b>

Location: SCLA

## Capital Improvement Projects

### Airport Summary (cont.)

Project Title: Ramp Rehabilitation

Project Type: Runways/Taxiways

Project Description: Rehabilitation of Taxiway E to replace approximately 3 acres of deteriorated concrete aircraft pavement at SCLA.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	96,650	-	-	-	-	96,650
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>96,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>96,650</b>

#### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>96,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>96,650</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4501300A-55320-95055	96,650	-	-	-	-	96,650
						-
<b>Total</b>	<b>96,650</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>96,650</b>

Location: SCLA

## Capital Improvement Projects

### Airport Summary (cont.)

Project Title: Runway 3/21 Reconstruction

Project Type: Runways/Taxiways

Project Description: Reconstruction of failing portions of Runway 3/21 with full strength pavement and approximately 500,000 square feet of asphalt shoulders. Also phase II of the construction of the high speed exit taxiway C-3 and relocation and replacement of non-standard lighting, storm drains, hydrants, electrical facilities, and ancillary utilities as needed.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	515,018	-	-	-	-	515,018
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>515,018</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>515,018</b>

#### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>515,018</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>515,018</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4501301A-55320-95060	515,018	-	-	-	-	515,018
						-
<b>Total</b>	<b>515,018</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>515,018</b>

Location: SCLA

## Capital Improvement Projects

### Airport Summary (cont.)

Project Title: US Customs Host Computer System

Project Type: Computer purchase

Project Description: US Customs requires that the host computer system be replaced as it is out of date with the advancing technology.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						-
Equipment						-
Vehicles						-
Computer/Communications	40,000	-	-	-	-	40,000
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4501013A-55050-95065	40,000	-	-	-	-	40,000
						-
<b>Total</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>

Location: SCLA

## Capital Improvement Projects Airport Summary (cont.)

Project Title: Wildlife Hazard Assessment Study

Project Type: Master Plan/Study

Project Description: Ecological study performed by an FAA approved wildlife biologist to provide information on wildlife species observed on and around the airport and to assess their numbers, locations, local movements, and daily/seasonal activities. Also to assess potential hazards that said wildlife pose to safe aircraft operations.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	13,500	-	-	-	-	13,500
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>13,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,500</b>

<b>Operations &amp; Maintenance</b>						
Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>13,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,500</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4501301A-55320-95061	13,500	-	-	-	-	13,500
						-
<b>Total</b>	<b>13,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,500</b>

Location: In and around SCLA

**Capital Improvement Projects**  
**VMUS Summary**

Projects	Funding Source	Proj	2016 Budget	FY 16/17	FY 17/18	FY 18/19	FY 19/20
MUNIS Billing Module for VMUS	419	30039	5,000	-	-	-	-
	420	30039	15,000	-	-	-	-
	420	30309	30,000	-	-	-	-
SCLA - Redundancy Equipment	420	30029	150,000	-	100,000	100,000	100,000
Oasis Electrical SMMC Infrastructure	420	30038	2,570,226	-	-	-	-
SCE Study - Permanent Capacity Foxborough	420	30012	200,000	-	500,000	500,000	500,000
SCE Study - Upgrade Options	420	30020	500,000	-	2,200,000	2,200,000	2,200,000
SCLA Gas Infrastructure Upgrades	419	30037	137,000	-	100,000	100,000	100,000
<b>TOTAL FOR VMUS</b>			<b>3,607,226</b>	<b>-</b>	<b>2,900,000</b>	<b>2,900,000</b>	<b>2,900,000</b>

## Capital Improvement Projects

### VMUS Summary (cont.)

Project Title: VMUS Billing Module for MUNIS software system

Project Type: Software upgrade

Project Description: Development and implementation of a MUNIS billing module to streamline reconciliation and administrative efforts associated with billing for VMUS Gas and Electric services.

<b>Project Costs:</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
<b>Capital Costs</b>						
Land						-
Intangibles	50,000	-	-	-	-	50,000
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

<b>Funding Sources</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>5 Year Total</b>
4190210-55030-30039	5,000	-	-	-	-	5,000
4202070-55030-30039	15,000	-	-	-	-	15,000
4202076-55030-30039	30,000	-	-	-	-	30,000
						-
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>

Location: N/A

## Capital Improvement Projects

### VMUS Summary (cont.)

Project Title: SCLA Redundancy Equipment

Project Type: Equipment purchase

Project Description: Installation of a third transformer and switch at the VMUS 33kV/12kV Substation located at SCLA to provide redundancy for maintenance and repairs. Purchase of spare parts and equipment for long lead time system components throughout multiple years will establish/maintain an inventory of spare parts/equipment to avoid costly down time.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment	150,000	-	100,000	100,000	100,000	450,000
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements						-
Miscellaneous						-
<b>Total Construction</b>	<b>150,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>450,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>150,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>450,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4202070-55040-30029	150,000	-	100,000	100,000	100,000	450,000
						-
<b>Total</b>	<b>150,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>450,000</b>

Location: SCLA

## Capital Improvement Projects VMUS Summary (cont.)

Project Title: Oasis Distribution Infrastructure

Project Type: Utility infrastructure

Project Description: Installation of a third SCE WDAT Interconnection to serve the Oasis project area, and onsite electrical infrastructure for the St. Mary Medical Center (SMMC). Fulfills obligations under Facilities Contract with SMMC, as approved by the City Council on 10/7/14.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	2,570,226	-	-	-	-	2,570,226
Miscellaneous						-
<b>Total Construction</b>	<b>2,570,226</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,570,226</b>

### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>2,570,226</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,570,226</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4202094-55070-30038	2,570,226	-	-	-	-	2,570,226
						-
<b>Total</b>	<b>2,570,226</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,570,226</b>

Location: Amargosa Rd.



## Capital Improvement Projects

### VMUS Summary (cont.)

Project Title: SCE Upgrades - Foxborough

Project Type: Master Plan/Study

Project Description: System impact and facilities study to upgrade the temporary Foxborough 12kV interconnection by determining the scope and cost of work needed to establish a permanent interconnection with firm capacity.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	200,000	-	500,000	500,000	500,000	1,700,000
Miscellaneous						-
<b>Total Construction</b>	<b>200,000</b>	<b>-</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,700,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>200,000</b>	<b>-</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,700,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4202070-55080-30012	200,000	-	500,000	500,000	500,000	1,700,000
						-
<b>Total</b>	<b>200,000</b>	<b>-</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,700,000</b>

Location: Foxborough

## Capital Improvement Projects

### VMUS Summary (cont.)

Project Title: SCE Upgrades - SCLA

Project Type: Master Plan/Study

Project Description: System impact and facilities study to increase firm electric service capacity at SCLA. Current customer peak loads have now crossed the threshold of available firm capacity.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Capital Costs</b>						
Land						-
Intangibles						
Equipment						-
Vehicles						-
Computer/Communications						-
Bldg/Other Improvements	500,000	-	2,200,000	2,200,000	2,200,000	7,100,000
Miscellaneous						-
<b>Total Construction</b>	<b>500,000</b>	<b>-</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>7,100,000</b>

#### Operations & Maintenance

Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>500,000</b>	<b>-</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>7,100,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4202076-55080-30020	500,000	-	2,200,000	2,200,000	2,200,000	7,100,000
						-
<b>Total</b>	<b>500,000</b>	<b>-</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>2,200,000</b>	<b>7,100,000</b>

Location: SCLA

## Capital Improvement Projects

### VMUS Summary (cont.)

Project Title: SCLA Upgrading Project

Project Type: Utility Infrastructure

Project Description: Infrastructure improvements related to upgrading the service pressure on the VMUS gas system at SCLA. The gas system at SCLA has reached capacity based on current customer load requirements; improvements to uprate the pressure will provide a slight increase in available capacity while future upgrade options are evaluated.

Project Costs:	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
<b>Construction Costs</b>						
Land Acquisition						-
Design/Environmental						-
Construction	137,000	-	100,000	100,000	100,000	437,000
Project Management						-
Utilities						-
Miscellaneous						-
<b>Total Construction</b>	<b>137,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>437,000</b>

#### Operations & Maintenance

Staff Salaries						-
Operations						-
Maintenance & Repair						-
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Project Costs</b>	<b>137,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>437,000</b>

Funding Sources	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Total
4190210-55080-30037	137,000	-	100,000	100,000	100,000	437,000
						-
<b>Total</b>	<b>137,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>437,000</b>

Location: SCLA