

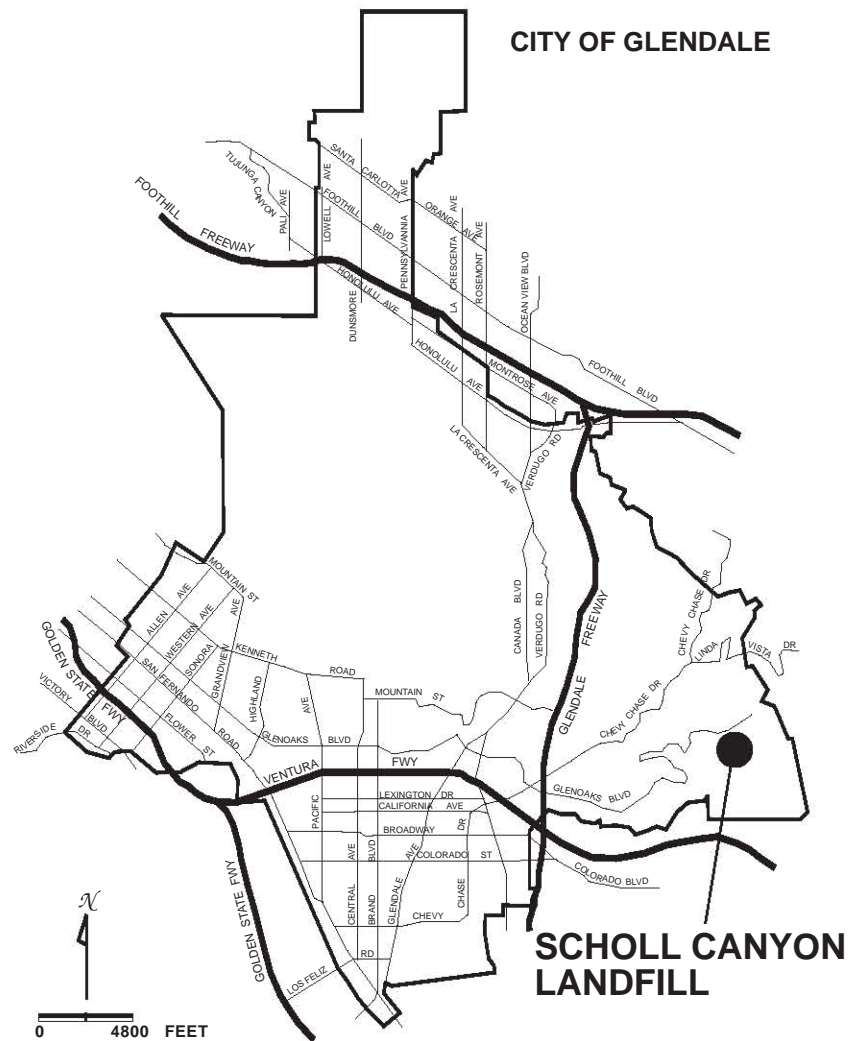
City Facilities ▼ Technology & Equipment ▼ Parks & Open Space ▼ Streets ▼ Transportation ▼  
Utilities ▼ Community Development & Housing ▼ Economic Development ▼ City Facilities ▼  
Technology & Equipment ▼ Parks & Open Space ▼ Streets ▼ Transportation ▼ Utilities ▼  
Community Development & Housing ▼ Economic Development ▼ City Facilities ▼ Technology &  
Equipment ▼ Parks & Open Space ▼ Streets ▼ Transportation ▼ Utilities ▼ Community  
Development & Housing ▼ Economic Development ▼ City Facilities ▼ Technology & Equipment  
▼ Parks & Open Space ▼ Streets ▼ Transportation ▼ Utilities ▼ Economic Development ▼

# Utilities



**NAME:** Scholl Canyon Landfill Reserve

**PROJECT  
LOCATION  
& MAP**



# CIP Project Description

TITLE: Scholl Canyon Landfill Reserve  
 DESCRIPTION: To fulfill post closure funding requirements in compliance with AB2448 and regulations established by the CA Integrated Waste Management Board  
 DEPARTMENT: Public Works Administration  
 STRATEGIC PLAN:  
 DIRECTION/STRATEGY: Quality of Life

PROGRAM NUMBER: 401-50049

REMARKS:

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	3,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	15,500	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	-	3,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	15,500	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	3,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	15,500	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	-	3,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	15,500	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:						PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-											
M & O	-						10-YEAR CIP TOTAL					15,500
CAPITAL OUTLAY	-						EXISTING BALANCE					-
REVENUE (SUBTRACTED)	-						ESTIMATED COSTS AFTER 10-YEAR CIP					-
<b>TOTAL:</b>	-						<b>TOTAL:</b>					15,500

### Treatment Plant



# CIP Project Description

TITLE: Hyperion Wastewater System  
 DESCRIPTION: Capital upgrade of the Hyperion Wastewater Treatment Plant and Conveyance System Facilities to meet federal and state mandates.  
 DEPARTMENT: Public Works Administration/Environmental Management Section  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:  
 REMARKS:

PROGRAM NUMBER: 525-51673

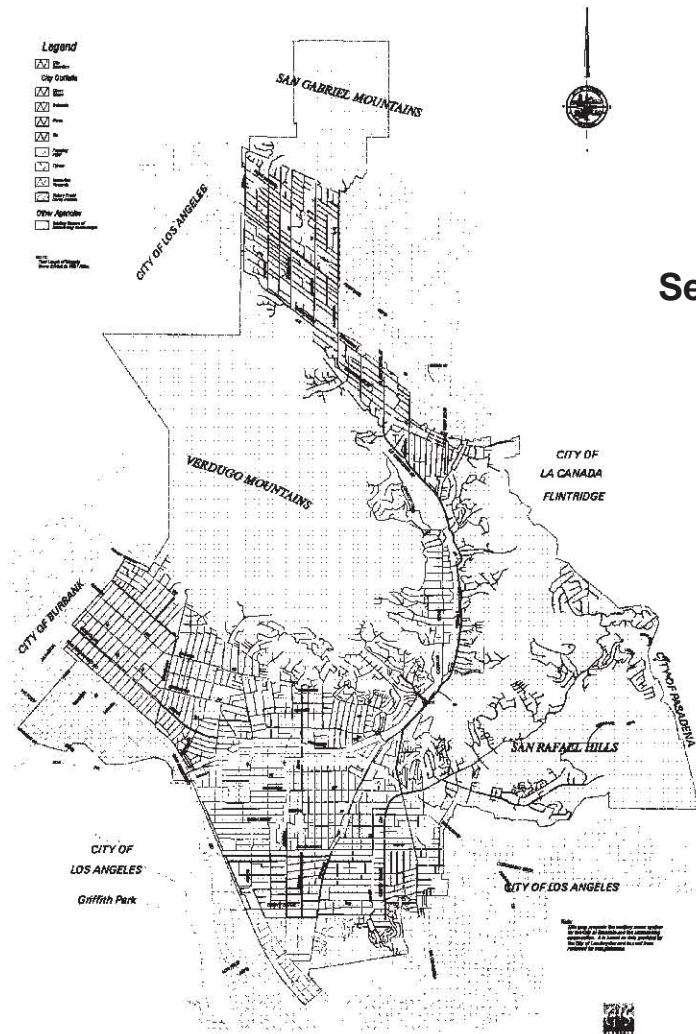
Glendale wastewater is transported via conveyance system to Los Angeles/Glendale Water Reclamation Plant (LAGWRP) with bypass and downstream discharge transported to Hyperion Treatment Plant. LAGWRP removes water for irrigation uses and Glendale shares in 50% of the associated cost. Hyperion removes/disposes sludge and treats remaining water in accordance with EPA and SWQCB standards. Glendale shares approximately 4.6% of the associated costs at Hyperion.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	59,000	
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>5,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>59,000</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	59,000	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>5,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>59,000</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-								
CAPITAL OUTLAY	-	-	-	-								
REVENUE (SUBTRACTED)	-	-	-	-								
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>								
					10-YEAR CIP TOTAL							59,000
					EXISTING BALANCE							-
					ESTIMATED COSTS AFTER 10-YEAR CIP							-
					<b>TOTAL:</b>							<b>59,000</b>

# NAME: Sewer Reconstruction Program

## PROJECT LOCATION & MAP



Sewer Map



# CIP Project Description

TITLE: Sewer Reconstruction Program  
 DESCRIPTION: This is an annual program to reconstruct or line damaged sections of existing sewer mains, and replace deteriorated manholes and appurtenant structures.

PROGRAM NUMBER: 525-51510

DEPARTMENT: Public Works/Engineering  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY: Public Safety and Financial Resources

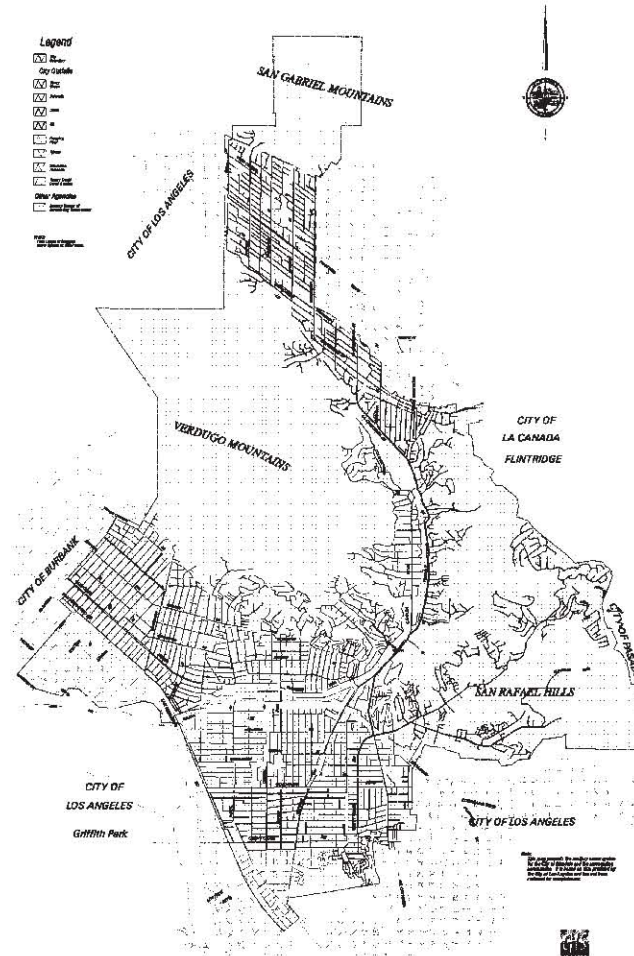
REMARKS: This program will eliminate recurring maintenance costs and burden on City resources and minimizes sewage backup of sewer mains.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	67	70	73	77	81	85	89	93	93	93	821
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	598	625	657	688	724	760	796	837	837	837	7,359
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>665</b>	<b>695</b>	<b>730</b>	<b>765</b>	<b>805</b>	<b>845</b>	<b>885</b>	<b>930</b>	<b>930</b>	<b>930</b>	<b>8,180</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	665	695	730	765	805	845	885	930	930	930	8,180
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>665</b>	<b>695</b>	<b>730</b>	<b>765</b>	<b>805</b>	<b>845</b>	<b>885</b>	<b>930</b>	<b>930</b>	<b>930</b>	<b>8,180</b>
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>TOTAL:</b>						
											8,180
											566
											-
											8,746

**NAME:** Wastewater Capacity Improvement

PROJECT  
LOCATION  
& MAP





# CIP Project Description

TITLE: Wastewater Capacity Improvement

PROJECT NUMBER: 525-51511

DESCRIPTION: Replace the existing substandard sewer main with larger pipes. The project will include replacing the sewer pipe, modifying and/or replacing manholes, repairing sewer connections to private property, repairing and replacing traffic signal loop detectors and private water services.

DEPARTMENT: Public Works

STRATEGIC PLAN

DIRECTION/STRATEGY: Character and Design

REMARKS: In 1997, the City hired Kennedy-Jenks to prepare a City-wide sewer study and analysis. The consultant identified wastewater lines in several City areas as inadequate, thus needing upgrading. This annual project supplements the City's annual sewer replacement program by replacing segments of substandard sanitary sewers.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	465	485	510	535	565	590	620	655	655	655	5,735
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>465</b>	<b>485</b>	<b>510</b>	<b>535</b>	<b>565</b>	<b>590</b>	<b>620</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>5,735</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	465	485	510	535	565	590	620	655	655	655	5,735
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>465</b>	<b>485</b>	<b>510</b>	<b>535</b>	<b>565</b>	<b>590</b>	<b>620</b>	<b>655</b>	<b>655</b>	<b>655</b>	<b>5,735</b>
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>TOTAL:</b>						
											6,194

**NAME:** Stormwater Pollutant Treatment Systems



10-10

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Stormwater Pollutant Treatment Systems  
 DESCRIPTION: Design and construction of low flow diversion in place of treatment process devices

PROGRAM NUMBER: 525-51632

DEPARTMENT: Public Works Administration  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY: Public Safety

REMARKS: The EPA and Regional Water Quality Board mandate compliance with upcoming Total Maximum Daily Load (TMDL).

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	50	50	50	50	50	50	50	50	50	450
CONSTRUCTION	50	750	750	750	750	750	750	750	750	750	6,800
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	50	800	800	800	800	800	800	800	800	800	7,250
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	50	800	800	800	800	800	800	800	800	800	7,250
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	50	800	800	800	800	800	800	800	800	800	7,250
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	-	-	-	-	<b>TOTAL:</b>						
											7,300

**NAME:** Upgrade Fuel Dispensing System

10-12

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Upgrade Fuel Dispensing System  
 DESCRIPTION: Upgrade existing Fuel Dispensing System to meet SCAQMD regulatory requirements by April 2009. Location: Utility Operations Center, 800 Air Way, Glendale, CA 91201.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Electric

STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: Continuing changes to SCAQMD regulations require existing fuel dispensing systems to be upgraded. These changes must be made by a stated regulatory date of April, 2009.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	40	-	-	-	-	-	-	-	-	-	40	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	40	-	-	-	-	-	-	-	-	-	40	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	30	-	-	-	-	-	-	-	-	-	30	
WATER	10	-	-	-	-	-	-	-	-	-	10	
<b>TOTAL:</b>	40	-	-	-	-	-	-	-	-	-	40	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							40
M & O	-	-	-	-	EXISTING BALANCE							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							40
<b>TOTAL:</b>	-	-	-	-								40

**NAME:** Canada Blvd. Storm Drain System



10-14

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Canada Blvd Storm Drain System

PROJECT NUMBER: 525-51634

DESCRIPTION: The project consists of the installation of reinforced concrete pipes and construction of new catch basins, manholes, and transition structures.

Location: Ramona Ave. between Hermosita Dr. and Canada Blvd.; Canada Blvd. between Ramona Ave. and El Rito St.; and El Rito St. between Canada Blvd. and Verdugo Wash.

DEPARTMENT: Public Works

STRATEGIC PLAN

DIRECTION/STRATEGY: Public Safety, Focus on Prevention

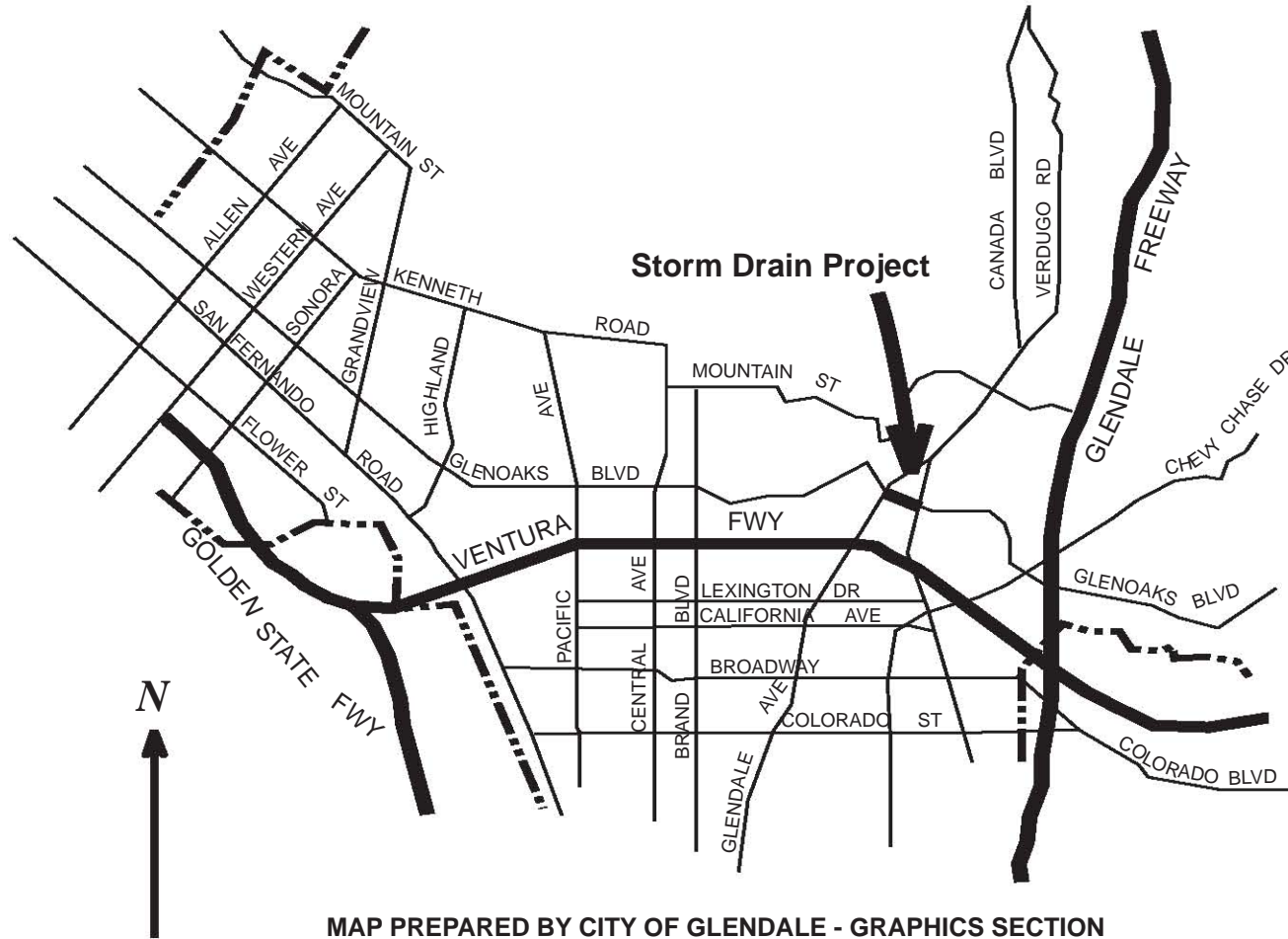
REMARKS: The existing culverts crossing Canada Blvd. are deteriorated and rusted as a result of heavy rain. This project is necessary to minimize temporary flooding of the street and will eliminate the accumulation of debris and silt on Ramona Avenue.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	750	1,000	-	-	-	-	-	-	-	-	1,750
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>750</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,750</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	750	1,000	-	-	-	-	-	-	-	-	1,750
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>750</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,750</b>
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-							
CAPITAL OUTLAY	-	-	-	-							
REVENUE (SUBTRACTED)	-	-	-	-							
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>							
					10-YEAR CIP TOTAL						
					EXISTING BALANCE						
					ESTIMATED COSTS AFTER 10-YEAR CIP						
					<b>TOTAL:</b>						
					1,750						
					300						
					-						
					2,050						

**NAME:** Glenoaks Blvd./Adams St. Storm Drain System

**PROJECT  
LOCATION  
& MAP**





# CIP Project Description

TITLE: Glenoaks Blvd./Adams Street Storm Drain System

PROJECT NUMBER: 525-D

DESCRIPTION: The project consists of the installation of reinforced concrete pipes; construction of new catch basins, manholes, and junction structures; reconstruction of the easterly portion of the intersection at Verdugo Road and Glenoaks Blvd. Location: Glenoaks Blvd. between Verdugo and Adams; and Adams Street between Glenoaks Blvd. and Monterey Road.

DEPARTMENT: Public Works

STRATEGIC PLAN

DIRECTION/STRATEGY: Character & Design, Public Safety

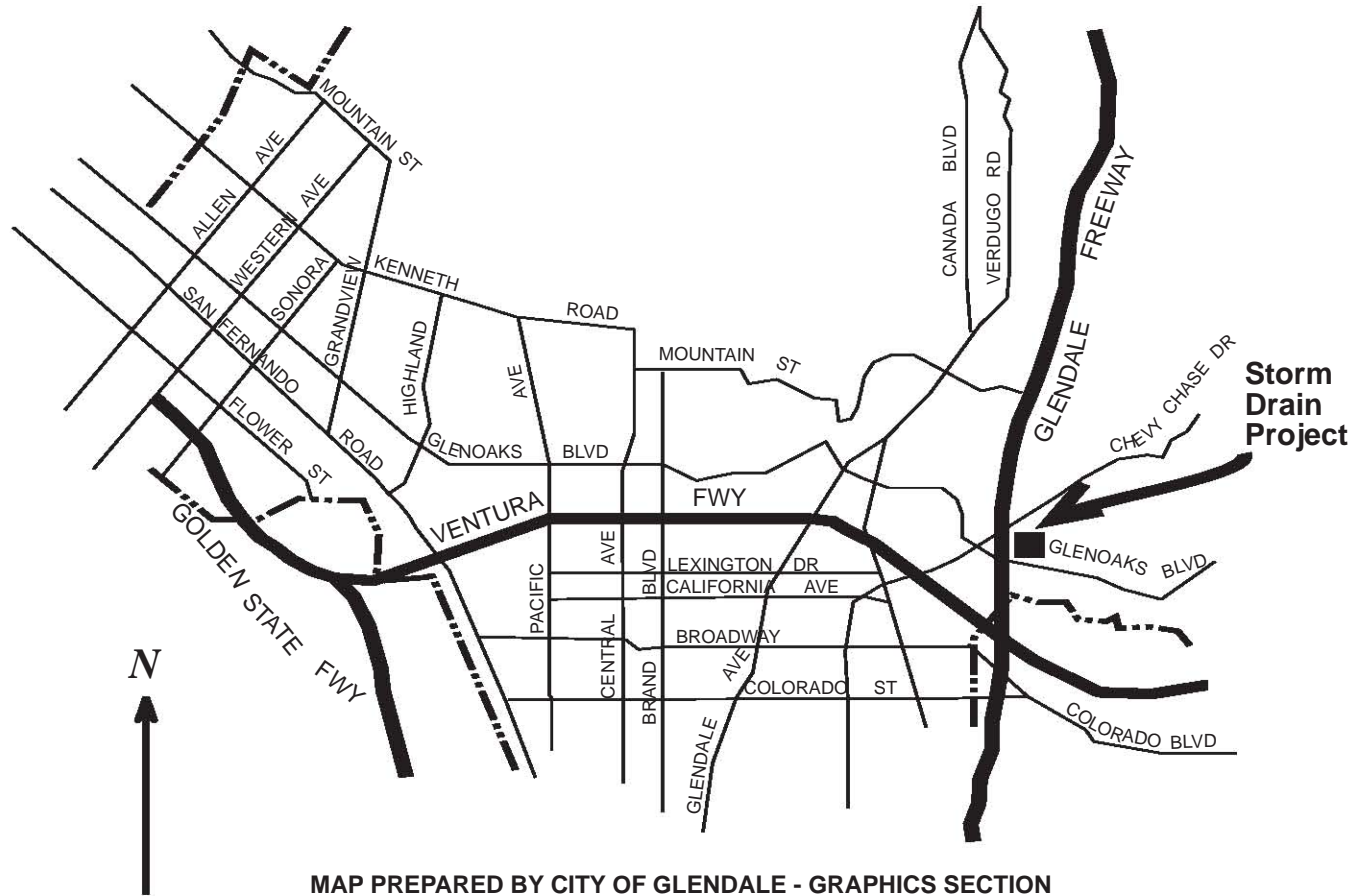
REMARKS: This project will reduce the existing traffic hazard by eliminating the dip at the signalized intersection at Verdugo Road and Glenoaks Blvd.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	140	-	-	-	-	-	-	-	-	140	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	-	-	550	-	-	-	-	-	-	-	550	
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	-	140	550	-	-	-	-	-	-	-	690	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	140	550	-	-	-	-	-	-	-	690	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	-	140	550	-	-	-	-	-	-	-	690	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							690
M & O	-	-	-	-	EXISTING BALANCE							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							690
<b>TOTAL:</b>	-	-	-	-								690

**NAME:** Glenmore Blvd. Storm Drain System

**PROJECT  
LOCATION  
& MAP**



# CIP Project Description

TITLE: Glenmore Blvd. Storm Drain System PROJECT NUMBER: 525-E

DESCRIPTION: The project consists of installation of reinforced concrete pipes and construction of new catch basins, manholes, and junction structures, and construction of a City maintained debris basin.  
Location: Glenmore Blvd. between Chevy Chase Dr. and northerly terminus.

DEPARTMENT: Public Works

STRATEGIC PLAN

DIRECTION/STRATEGY: Character & Design, Public Safety

REMARKS: This project is necessary to minimize temporary flooding of the street and eliminate the accumulation of debris and silt on Glenmore Blvd.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	260	-	-	-	-	-	-	-	260
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	1,040	-	-	-	-	-	-	1,040
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	-	-	260	1,040	-	-	-	-	-	-	1,300
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	260	1,040	-	-	-	-	-	-	1,300
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	-	-	260	1,040	-	-	-	-	-	-	1,300
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	-	-	-	-	<b>TOTAL:</b>						
											1,300

**NAME:** LA/GLN Water Reclamation Plant (LAGWRP)

10-20

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Los Angeles/Glendale Water Reclamation Plant (LAGWRP)  
 DESCRIPTION: Capital upgrade of the LAGWRP and conveyance system facilities to meet federal and state mandates.  
 DEPARTMENT: Public Works Administration/Environmental Management Section

PROGRAM NUMBER: 525-51674

STRATEGIC PLAN  
 DIRECTION/STRATEGY:

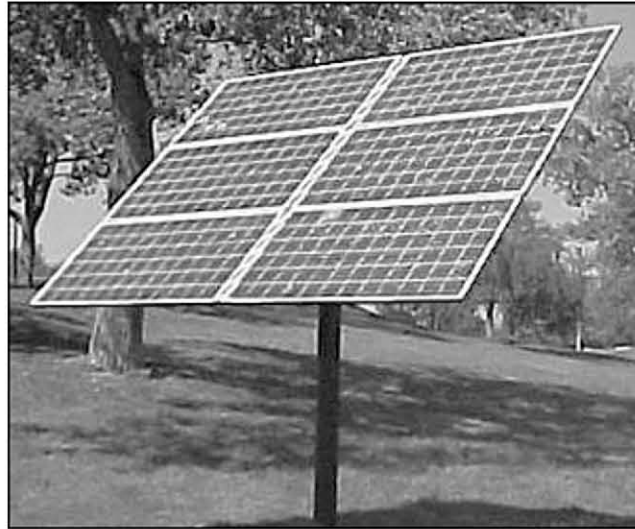
REMARKS: Glendale wastewater is transported via conveyance system to Los Angeles/Glendale Water Reclamation Plant (LAGWRP) with bypass and downstream discharge transported to Hyperion Treatment Plant. LAGWRP removes water for irrigation uses and Glendale shares in 50% of the associated cost. Hyperion removes/disposes sludge and treats remaining water in accordance with EPA and SWQCB standards.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	5,000	7,000	5,000	5,500	5,500	6,000	6,000	6,500	6,500	7,000	60,000
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>5,000</b>	<b>7,000</b>	<b>5,000</b>	<b>5,500</b>	<b>5,500</b>	<b>6,000</b>	<b>6,000</b>	<b>6,500</b>	<b>6,500</b>	<b>7,000</b>	<b>60,000</b>
<b>FUNDING SOURCES:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>TOTAL</b>
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	5,000	7,000	5,000	5,500	5,500	6,000	6,000	6,500	6,500	7,000	60,000
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>5,000</b>	<b>7,000</b>	<b>5,000</b>	<b>5,500</b>	<b>5,500</b>	<b>6,000</b>	<b>6,000</b>	<b>6,500</b>	<b>6,500</b>	<b>7,000</b>	<b>60,000</b>

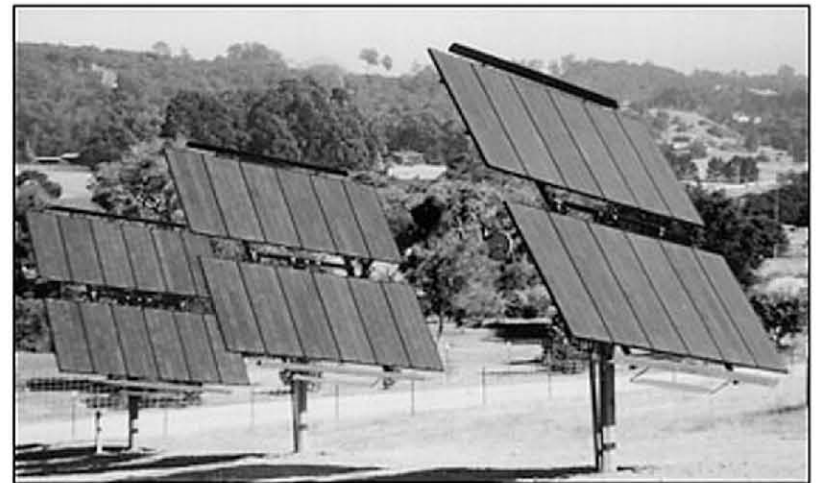
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:	PROJECT COST SUMMARY:
SALARIES AND BENEFITS	-
M & O	-
CAPITAL OUTLAY	-
REVENUE (SUBTRACTED)	-
<b>TOTAL:</b>	<b>-</b>
	10-YEAR CIP TOTAL
	EXISTING BALANCE
	ESTIMATED COSTS AFTER 10-YEAR CIP
	<b>TOTAL:</b>
	60,000

PROJECT  
LOCATION  
& MAP



**Universal Top-of-Pole Mount**

**Solar Panel  
Project**



Zomeworks UTR-F 120 Track Rack™ by Renewable Energy Concepts



# CIP Project Description

TITLE: Grayson Power Plant BOP and Auxiliaries Capital Improvements  
 DESCRIPTION: Includes miscellaneous improvement projects covering environmental programs and solar projects.

PROGRAM NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Power Management

STRATEGIC PLAN

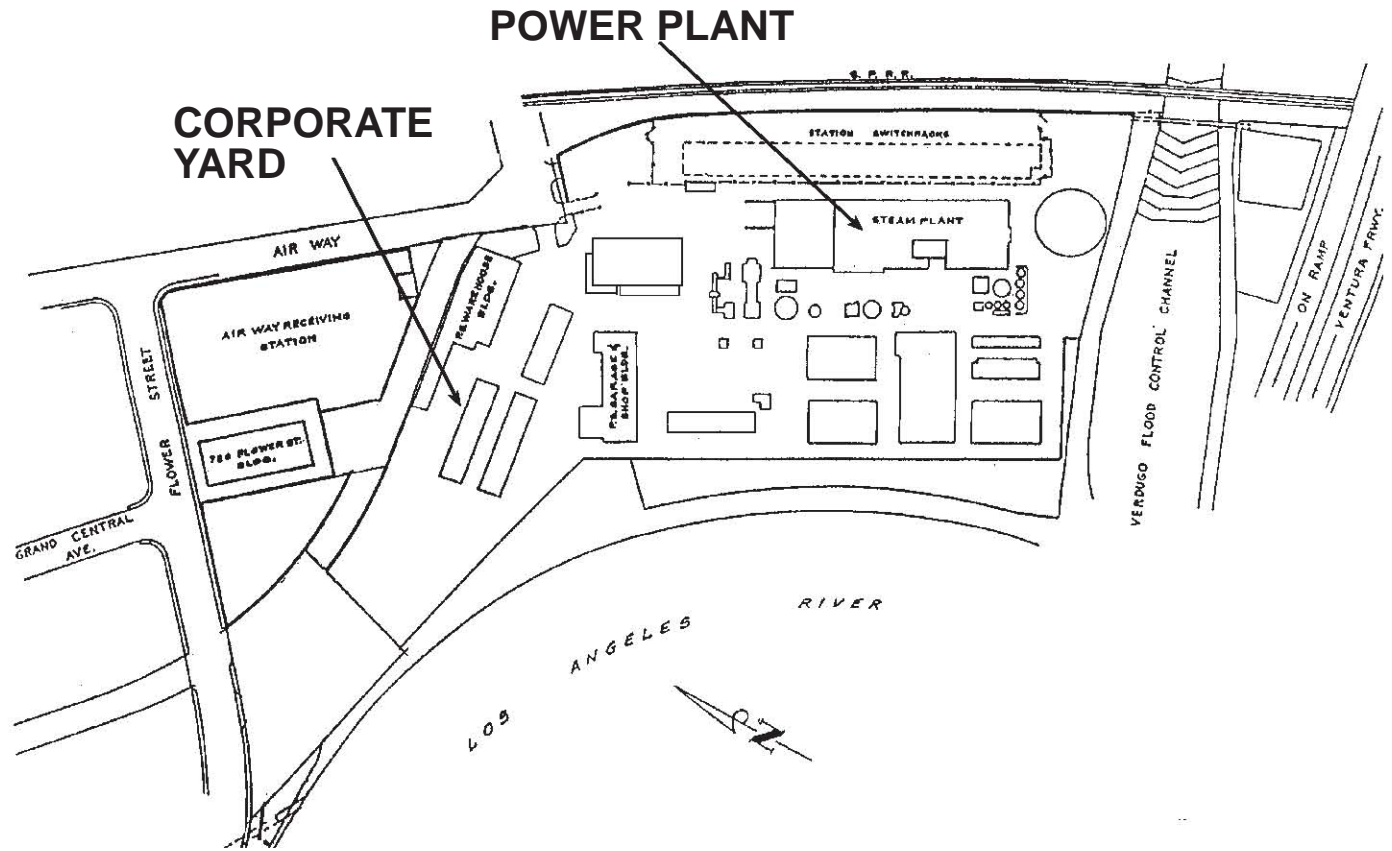
DIRECTION/STRATEGY: Service Delivery / Encouragement of Innovation and Creativity. Focus on Quality.

REMARKS: Grayson Power Plant balance of plant (BOP) and auxiliaries are reaching their "design life." This capital improvement program will preserve these units and equipment and continue plant operation that is safe, reliable and efficient.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	1,045	425	80	2,000	3,000	1,000	1,000	1,000	1,000	1,000	11,550
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>1,045</b>	<b>425</b>	<b>80</b>	<b>2,000</b>	<b>3,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>11,550</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	1,045	425	80	2,000	3,000	1,000	1,000	1,000	1,000	1,000	11,550
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>1,045</b>	<b>425</b>	<b>80</b>	<b>2,000</b>	<b>3,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>11,550</b>
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>TOTAL:</b>						
											11,550

**PROJECT  
LOCATION  
& MAP**





# CIP Project Description

**TITLE:** Grayson Power Plant Steam Unit Capital Improvements  
**DESCRIPTION:** Includes all capital improvement projects for the steam turbines and projects with SCAQMD CEMS requirement and Rule 1135.  
**DEPARTMENT:** Glendale Water & Power - Power Management  
**STRATEGIC PLAN DIRECTION/STRATEGY:** Service Delivery/Encouragement of Innovation and Creativity. Focus on Quality.  
**REMARKS:** The steam turbine-generator units are reaching their "design life." This life extension program will preserve these units and continue plant operation that is safe, reliable and efficient.

**PROJECT NUMBER:** VARIOUS

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	2,876	1,680	1,953	255	56	-	-	-	-	-	6,820
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>2,876</b>	<b>1,680</b>	<b>1,953</b>	<b>255</b>	<b>56</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,820</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	2,876	1,680	1,953	255	56	-	-	-	-	-	6,820
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>2,876</b>	<b>1,680</b>	<b>1,953</b>	<b>255</b>	<b>56</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,820</b>
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>TOTAL:</b>						
											6,820

**NAME:** Grayson Power Plant Gas Unit Capital Improvements

10-26

PROJECT  
LOCATION  
& MAP



# CIP Project Description

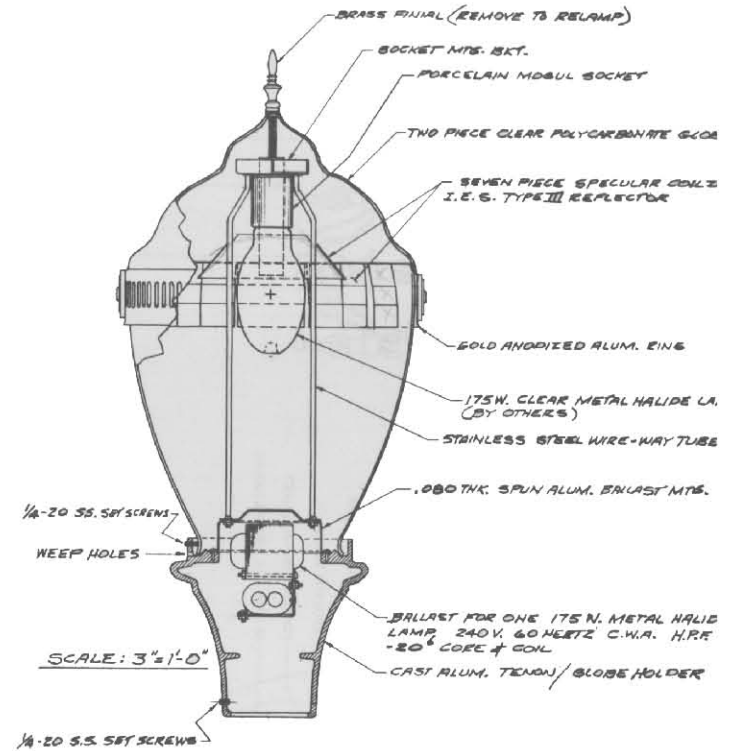
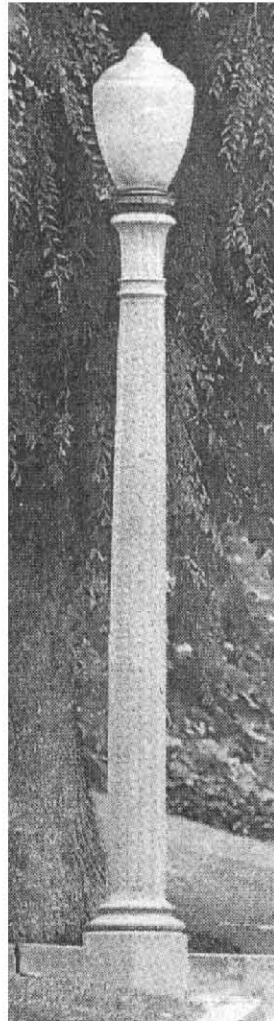
**TITLE:** Grayson Power Plant Gas Unit Capital Improvements  
**DESCRIPTION:** Includes all capital improvement projects for the gas turbines and projects with the SCAQMD CEMS requirement and Rule 1134.  
**DEPARTMENT:** Glendale Water & Power - Power Management  
**STRATEGIC PLAN DIRECTION/STRATEGY:** Service Delivery/Encouragement of Innovation and Creativity. Focus on Quality.  
**REMARKS:** The gas turbine-generator units are reaching their "design life." This life extension program will preserve these units and continue plant operation that is safe, reliable and efficient.

**PROJECT NUMBER:** VARIOUS

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	1,400	1,715	19,050	38,500	1,250	1,000	1,000	1,000	1,000	1,000	66,915
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	1,400	1,715	19,050	38,500	1,250	1,000	1,000	1,000	1,000	1,000	66,915
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	1,400	1,715	19,050	38,500	1,250	1,000	1,000	1,000	1,000	1,000	66,915
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	1,400	1,715	19,050	38,500	1,250	1,000	1,000	1,000	1,000	1,000	66,915
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-							
CAPITAL OUTLAY	-	-	-	-							
REVENUE (SUBTRACTED)	-	-	-	-							
<b>TOTAL:</b>	-	-	-	-							
					10-YEAR CIP TOTAL						
					EXISTING BALANCE						
					ESTIMATED COSTS AFTER 10-YEAR CIP						
					<b>TOTAL:</b>						
					66,915						

PROJECT  
LOCATION  
& MAP



**FINISH NOTE:**

LUMINAIRS & POLE ARE TO HAVE AN  
APPLIED FINISH, COLOR AS SELECTED



# CIP Project Description

TITLE: Street Light System Capital PROJECT NUMBER: VARIOUS  
 DESCRIPTION: Work associated with installing and providing electric services to new street lights, replacing street lights due to deterioration and damage, as well as converting high voltage series street lights to low voltage.  
 DEPARTMENT: Glendale Water & Power- Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:  
 REMARKS: New street lights must be installed in areas with approved petitions for new lights, damaged and deteriorating street lights must be replaced, and the program of converting high voltage series street lighting to low voltage must be continued.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	811	770	787	826	867	893	920	948	976	1,005	8,803	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>811</b>	<b>770</b>	<b>787</b>	<b>826</b>	<b>867</b>	<b>893</b>	<b>920</b>	<b>948</b>	<b>976</b>	<b>1,005</b>	<b>8,803</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	811	770	787	826	867	893	920	948	976	1,005	8,803	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>811</b>	<b>770</b>	<b>787</b>	<b>826</b>	<b>867</b>	<b>893</b>	<b>920</b>	<b>948</b>	<b>976</b>	<b>1,005</b>	<b>8,803</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							8,803
M & O	-	-	-	-	EXISTING BALANCE							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							<b>8,803</b>
<b>TOTAL:</b>	-	-	-	-								

**NAME:** Distribution System Expansion



10-30

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Distribution System Expansion  
 DESCRIPTION: Work associated with new and existing distribution lines and stations.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: General distribution line (both overhead and underground) and station work, including the installation costs of new line extensions to new customers, new 12kV transformers and equipment in distribution stations, and additions of underground lines for system improvement, load growth, redevelopment, and street reconstructions and widenings.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	270	1,247	890	333	343	353	364	374	386	397	4,957	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	270	1,247	890	333	343	353	364	374	386	397	4,957	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	270	1,247	890	333	343	353	364	374	386	397	4,957	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	270	1,247	890	333	343	353	364	374	386	397	4,957	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							4,957
M & O	-	-	-	-	EXISTING BALANCE							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							4,957
<b>TOTAL:</b>	-	-	-	-								4,957

**NAME:** Distribution System Reliability Improvements



10-32

PROJECT  
LOCATION  
& MAP





# CIP Project Description

TITLE: Distribution System Reliability Improvements  
 DESCRIPTION: Work associated with improving the reliability of the electric distribution system.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power- Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:

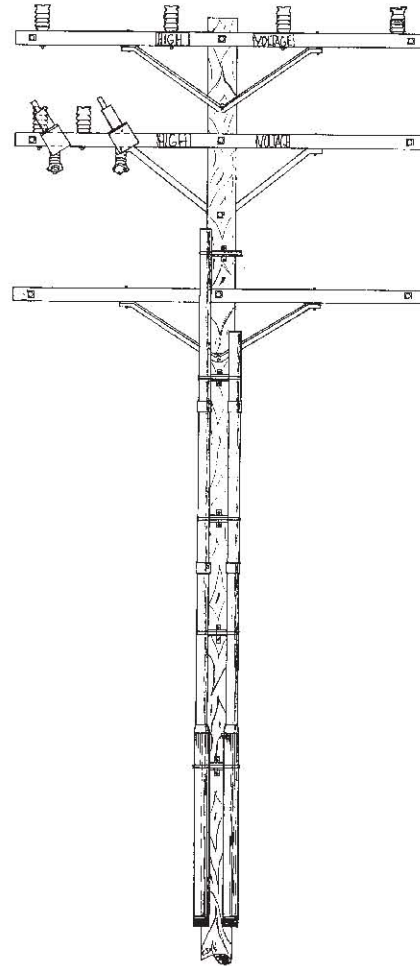
REMARKS: Increasing energy needs during peak demand necessitates a highly reliable electric distribution system.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	11,149	11,679	3,319	3,522	232	238	245	253	261	268	31,166	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	11,149	11,679	3,319	3,522	232	238	245	253	261	268	31,166	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	11,149	11,679	3,319	3,522	232	238	245	253	261	268	31,166	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	11,149	11,679	3,319	3,522	232	238	245	253	261	268	31,166	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-								
CAPITAL OUTLAY	-	-	-	-								
REVENUE (SUBTRACTED)	-	-	-	-								
<b>TOTAL:</b>	-	-	-	-								
					10-YEAR CIP TOTAL							31,166
					EXISTING BALANCE							-
					ESTIMATED COSTS AFTER 10-YEAR CIP							-
					<b>TOTAL:</b>							31,166



PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Distribution System Modifications/Replacements  
 DESCRIPTION: Work associated with modifications or replacements of existing distribution lines and station equipment.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power- Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: Old equipment and lines which have become difficult to maintain due to unavailability of spare parts, or which break down due to age, must be replaced.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	1,702	1,551	1,354	1,432	1,500	1,545	1,591	1,639	1,688	1,739	15,741	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	1,702	1,551	1,354	1,432	1,500	1,545	1,591	1,639	1,688	1,739	15,741	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	1,702	1,551	1,354	1,432	1,500	1,545	1,591	1,639	1,688	1,739	15,741	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	1,702	1,551	1,354	1,432	1,500	1,545	1,591	1,639	1,688	1,739	15,741	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-								
CAPITAL OUTLAY	-	-	-	-								
REVENUE (SUBTRACTED)	-	-	-	-								
<b>TOTAL:</b>	-	-	-	-								
					10-YEAR CIP TOTAL							15,741
					EXISTING BALANCE							-
					ESTIMATED COSTS AFTER 10-YEAR CIP							-
					<b>TOTAL:</b>							15,741



PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Electric Meters and Services  
 DESCRIPTION: Provide electric service to new customers.  
 DEPARTMENT: Glendale Water & Power- Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:  
 REMARKS:

PROJECT NUMBER: VARIOUS

These projects include all work (labor and material) necessary to provide secondary and on-site services to new customers. Included are transformers, service wires, watt-hour meters, and other devices related to the installation of new and reconnected services.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	4,772	4,986	5,528	5,950	6,404	6,596	6,794	6,998	7,208	7,424	62,660	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>4,772</b>	<b>4,986</b>	<b>5,528</b>	<b>5,950</b>	<b>6,404</b>	<b>6,596</b>	<b>6,794</b>	<b>6,998</b>	<b>7,208</b>	<b>7,424</b>	<b>62,660</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	4,772	4,986	5,528	5,950	6,404	6,596	6,794	6,998	7,208	7,424	62,660	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>4,772</b>	<b>4,986</b>	<b>5,528</b>	<b>5,950</b>	<b>6,404</b>	<b>6,596</b>	<b>6,794</b>	<b>6,998</b>	<b>7,208</b>	<b>7,424</b>	<b>62,660</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-								
CAPITAL OUTLAY	-	-	-	-								
REVENUE (SUBTRACTED)	-	-	-	-								
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>								
					10-YEAR CIP TOTAL							62,660
					EXISTING BALANCE							-
					ESTIMATED COSTS AFTER 10-YEAR CIP							-
					<b>TOTAL:</b>							<b>62,660</b>

**NAME:** Distribution System Overhead / Underground Conversion

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Distribution System OH/UG Conversions  
 DESCRIPTION: Work associated with converting existing overhead lines to underground

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power- Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: Existing overhead lines that come in conflict with proposed projects are converted to underground.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	630	799	841	899	962	991	1,021	1,051	1,083	1,115	9,392
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>630</b>	<b>799</b>	<b>841</b>	<b>899</b>	<b>962</b>	<b>991</b>	<b>1,021</b>	<b>1,051</b>	<b>1,083</b>	<b>1,115</b>	<b>9,392</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	630	799	841	899	962	991	1,021	1,051	1,083	1,115	9,392
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>630</b>	<b>799</b>	<b>841</b>	<b>899</b>	<b>962</b>	<b>991</b>	<b>1,021</b>	<b>1,051</b>	<b>1,083</b>	<b>1,115</b>	<b>9,392</b>
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:						
SALARIES AND BENEFITS	-	-	-	-							
M & O	-	-	-	-	10-YEAR CIP TOTAL						
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE						
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP						
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>TOTAL:</b>						
											9,392
											-
											-
											9,392

**NAME:** Distribution System 4-12kV Conversion



10-40

PROJECT  
LOCATION  
& MAP





# CIP Project Description

TITLE: Distribution System 4kV to 12kV Conversions  
 DESCRIPTION: Work associated with converting existing 4kV lines to 12kV  
 DEPARTMENT: Glendale Water & Power - Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:  
 REMARKS: Lines operating at 12kV have lower losses and can carry three times the amount of power of comparable 4kV lines.

PROJECT NUMBER: VARIOUS

(Thousands of Dollars)

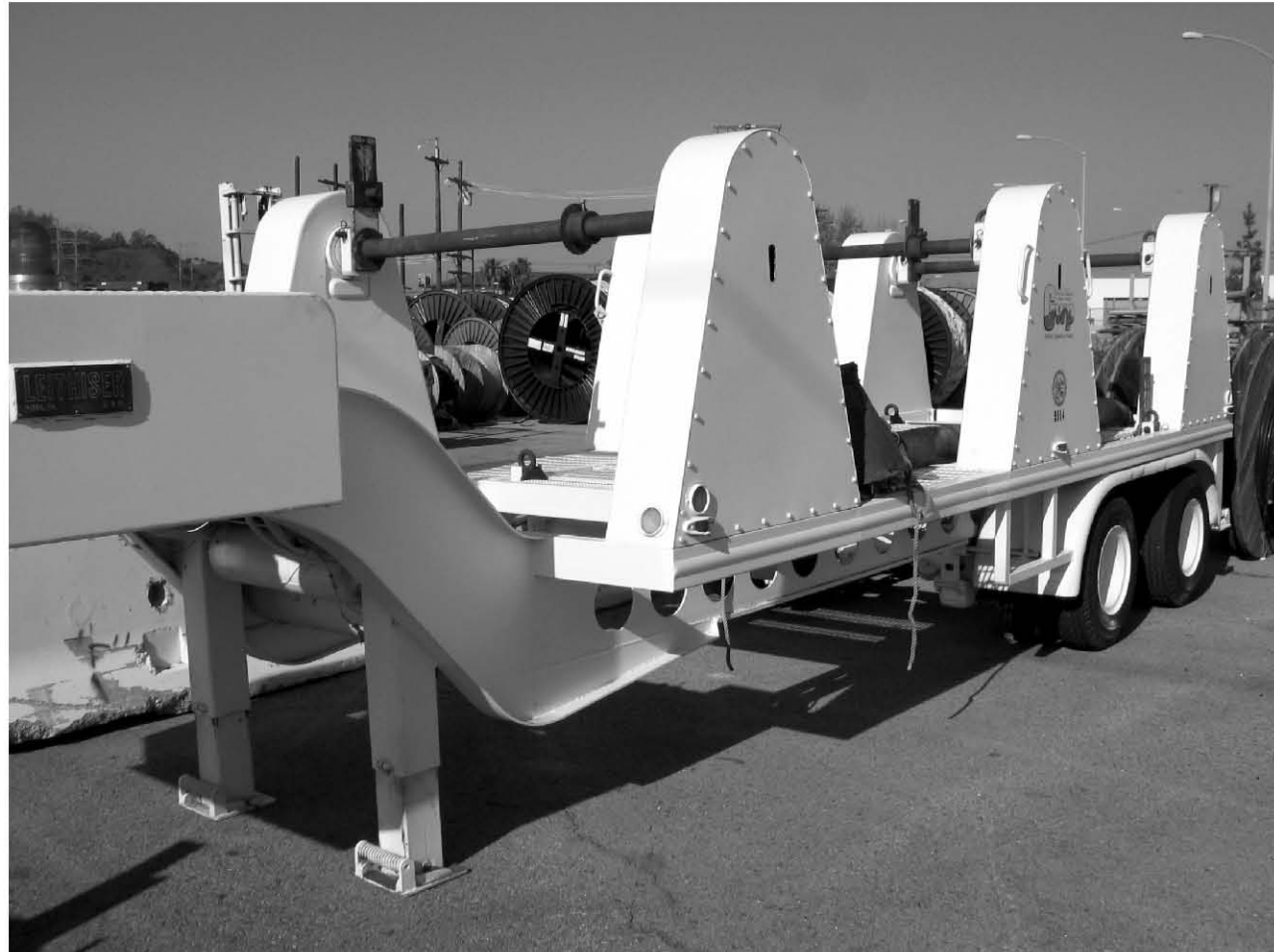
10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	7,550	8,622	8,751	-	-	-	-	-	-	-	24,923	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>7,550</b>	<b>8,622</b>	<b>8,751</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,923</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	7,550	8,622	8,751	-	-	-	-	-	-	-	24,923	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>7,550</b>	<b>8,622</b>	<b>8,751</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,923</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-								
CAPITAL OUTLAY	-	-	-	-								
REVENUE (SUBTRACTED)	-	-	-	-								
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>								
					10-YEAR CIP TOTAL							24,923
					EXISTING BALANCE							-
					ESTIMATED COSTS AFTER 10-YEAR CIP							-
					<b>TOTAL:</b>							<b>24,923</b>

**NAME:** Rebuild Leitheiser Three Reel Trailer



10-42

PROJECT  
LOCATION  
& MAP



# CIP Project Description

**TITLE:** Rebuild Leitheiser Three Reel Trailer **PROJECT NUMBER:** VARIOUS  
**DESCRIPTION:** Rebuild existing equipment # 5554, a Leitheiser Three Reel Trailer. Equipment will be moved from a 5th wheel trailer frame to a tag-along trailer frame. Hydraulics and power unit will be replaced. Other items will be replaced or refurbished as needed.  
**DEPARTMENT:** Glendale Water & Power - Electric  
**STRATEGIC PLAN DIRECTION/STRATEGY:**  
**REMARKS:** Current equipment is 39 years old. Parts availability for trailer brakes, axles, wheels and lights is difficult, resulting in increased downtime and maintenance costs. Existing layout and design will be remounted on a new trailer frame and refurbished as needed.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	185	-	-	-	-	-	-	-	-	-	185
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	185	-	-	-	-	-	-	-	-	-	185
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	185	-	-	-	-	-	-	-	-	-	185
WATER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	185	-	-	-	-	-	-	-	-	-	185
<b>ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:</b>						<b>PROJECT COST SUMMARY:</b>					
SALARIES AND BENEFITS	-	-	-	-	-	-	-	-	-	-	-
M & O	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
REVENUE (SUBTRACTED)	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	-	-	-	-	-	-	-	-	-	-	-
						10-YEAR CIP TOTAL 185					
						EXISTING BALANCE -					
						ESTIMATED COSTS AFTER 10-YEAR CIP -					
<b>TOTAL:</b>						<b>TOTAL:</b> 185					

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Distribution System Control Systems  
 DESCRIPTION: Work associated with new and existing electric supervisory, control, and data acquisition systems.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: A good supervisory, control, and data acquisition (SCADA) system is required to reliably monitor and control the operation of the electric distribution system. The existing SCADA system is old and needs to be replaced.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	3,676	513	-	-	-	-	-	-	-	-	4,189	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>3,676</b>	<b>513</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,189</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	3,676	513	-	-	-	-	-	-	-	-	4,189	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>3,676</b>	<b>513</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,189</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							4,189
M & O	-	-	-	-	EXISTING BALANCE							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							<b>4,189</b>
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>								<b>4,189</b>



PROJECT  
LOCATION  
& MAP



**GRAYSON POWER PLANT**



# CIP Project Description

TITLE: General Plant Capital - Common Facilities  
 DESCRIPTION: Provides for the addition of new general facilities at the yard and improvements to existing facilities at the yard and the Perkins building.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Administration

STRATEGIC PLAN  
 DIRECTION/STRATEGY:

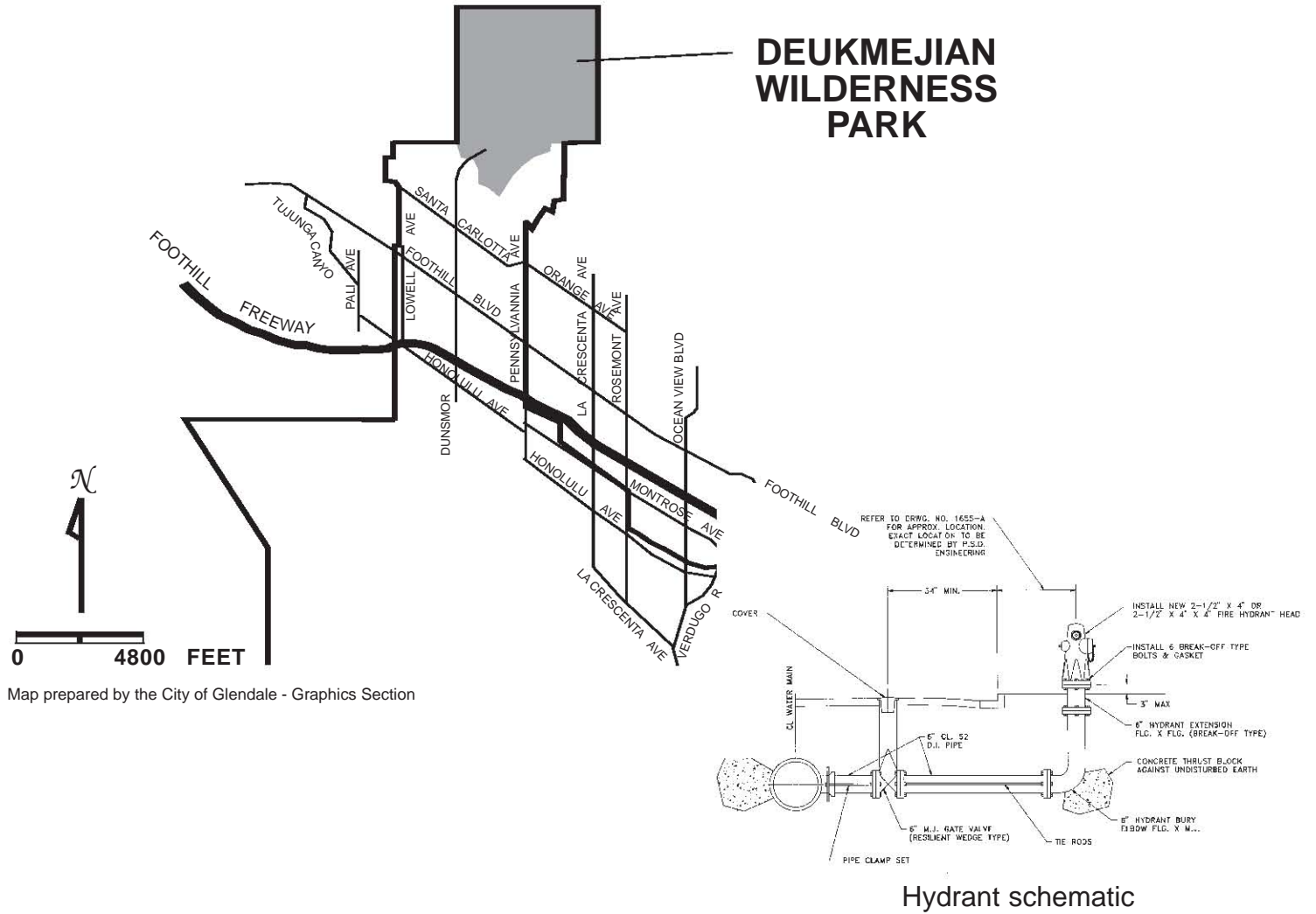
REMARKS: Various facility modifications are needed for environmental regulations, safety and security requirements.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	4,578	6,457	780	-	-	-	-	-	11,815
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	6,000	10,000	3,115	1,759	68	-	-	-	-	-	20,942
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>6,000</b>	<b>10,000</b>	<b>7,693</b>	<b>8,216</b>	<b>848</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,757</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	4,500	7,500	5,770	6,162	636	-	-	-	-	-	24,568
WATER	1,500	2,500	1,923	2,054	212	-	-	-	-	-	8,189
<b>TOTAL:</b>	<b>6,000</b>	<b>10,000</b>	<b>7,693</b>	<b>8,216</b>	<b>848</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,757</b>
<b>ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:</b>						<b>PROJECT COST SUMMARY:</b>					
SALARIES AND BENEFITS											
M & O											
CAPITAL OUTLAY											
REVENUE (SUBTRACTED)											
<b>TOTAL:</b>											
						<b>10-YEAR CIP TOTAL</b>					32,757
						<b>EXISTING BALANCE</b>					-
						<b>ESTIMATED COSTS AFTER 10-YEAR CIP</b>					-
						<b>TOTAL:</b>					32,757

**NAME:** Potable Water Mains, Hydrants, Services & Meters

**PROJECT  
LOCATION  
& MAP**





# CIP Project Description

TITLE: Potable Water Mains, Hydrants, Services & Meters PROJECT NUMBER: VARIOUS  
 DESCRIPTION: Installing new services and meters, replacing old meters, replacing fire hydrants, and replacing galvanized services with copper tube. Installation of water mains including the Deiderich water main.  
 DEPARTMENT: Glendale Water & Power - Water  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:  
 REMARKS: Necessary to meet customer requirements and to upgrade and replace inadequate facilities. A flat charge is collected from applicants for water service.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	14,625	10,402	7,345	1,273	1,333	1,373	1,414	1,456	1,500	1,545	42,266	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	14,625	10,402	7,345	1,273	1,333	1,373	1,414	1,456	1,500	1,545	42,266	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	14,625	10,402	7,345	1,273	1,333	1,373	1,414	1,456	1,500	1,545	42,266	
<b>TOTAL:</b>	14,625	10,402	7,345	1,273	1,333	1,373	1,414	1,456	1,500	1,545	42,266	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-	10-YEAR CIP TOTAL							42,266
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE							-
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
<b>TOTAL:</b>	-	-	-	-	<b>TOTAL:</b>							42,266



**PROJECT  
LOCATION  
& MAP**

**GLENDALE  
RESERVOIRS  
RESERVOIRS**



# CIP Project Description

TITLE: Potable Water Reservoirs/Tanks  
 DESCRIPTION: Site improvements at various tank and reservoir sites which include fencing, asphalt, erosion protection, drainage, valving and SCADA system improvements.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Water

STRATEGIC PLAN  
 DIRECTION/STRATEGY:

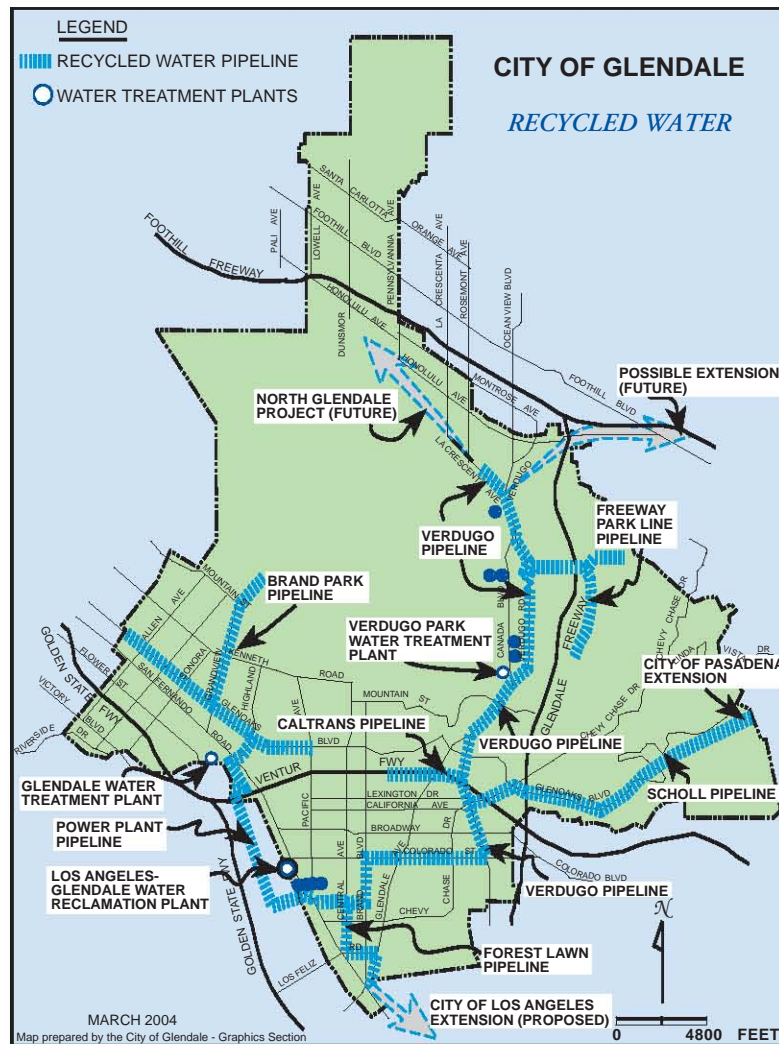
REMARKS: Storage facilities in the water system require replacement and major rehabilitation of the water system.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	21,058	5,710	1,098	1,147	1,200	1,235	1,273	1,311	1,350	1,391	36,773	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>21,058</b>	<b>5,710</b>	<b>1,098</b>	<b>1,147</b>	<b>1,200</b>	<b>1,235</b>	<b>1,273</b>	<b>1,311</b>	<b>1,350</b>	<b>1,391</b>	<b>36,773</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	21,058	5,710	1,098	1,147	1,200	1,235	1,273	1,311	1,350	1,391	36,773	
<b>TOTAL:</b>	<b>21,058</b>	<b>5,710</b>	<b>1,098</b>	<b>1,147</b>	<b>1,200</b>	<b>1,235</b>	<b>1,273</b>	<b>1,311</b>	<b>1,350</b>	<b>1,391</b>	<b>36,773</b>	
<b>ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:</b>						<b>PROJECT COST SUMMARY:</b>						
SALARIES AND BENEFITS						-						
M & O						-						
CAPITAL OUTLAY						-						
REVENUE (SUBTRACTED)						-						
<b>TOTAL:</b>						<b>-</b>						
						10-YEAR CIP TOTAL						36,773
						EXISTING BALANCE						-
						ESTIMATED COSTS AFTER 10-YEAR CIP						-
						<b>TOTAL:</b>						<b>36,773</b>

NAME: Recycled Water Reservoirs, Tanks and Mains

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Recycled Water Reservoirs, Tanks and Mains  
 DESCRIPTION: Planning, design and construction of Recycled Water improvements.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power - Water

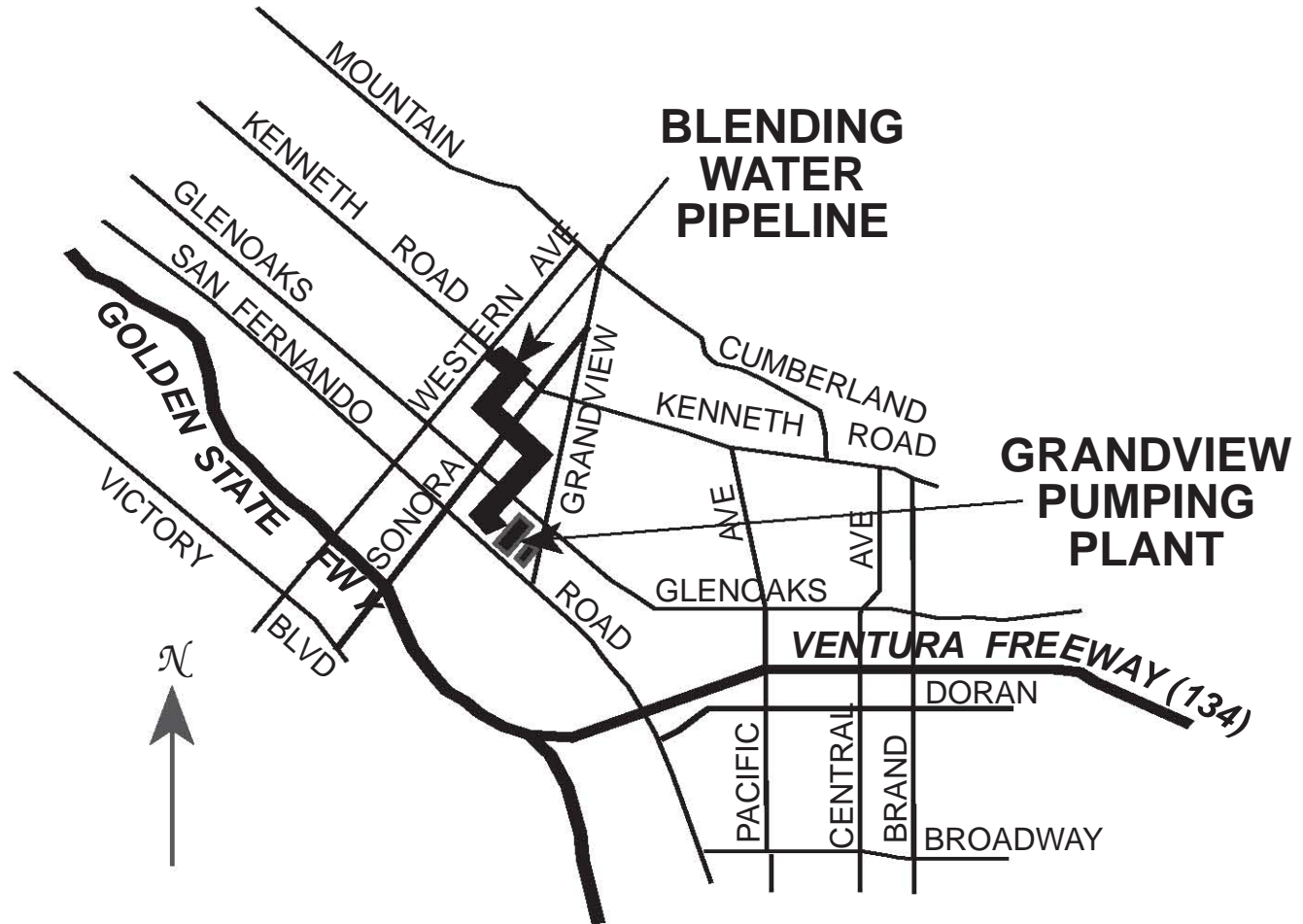
STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: New recycled water tanks and mains are needed to add reliability and insure proper operation of the system.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	285	378	1,649	1,178	1,239	1,276	1,314	1,353	1,394	1,436	11,502	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>285</b>	<b>378</b>	<b>1,649</b>	<b>1,178</b>	<b>1,239</b>	<b>1,276</b>	<b>1,314</b>	<b>1,353</b>	<b>1,394</b>	<b>1,436</b>	<b>11,502</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	285	378	1,649	1,178	1,239	1,276	1,314	1,353	1,394	1,436	11,502	
<b>TOTAL:</b>	<b>285</b>	<b>378</b>	<b>1,649</b>	<b>1,178</b>	<b>1,239</b>	<b>1,276</b>	<b>1,314</b>	<b>1,353</b>	<b>1,394</b>	<b>1,436</b>	<b>11,502</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							11,502
M & O	-	-	-	-	Existing Balance							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							<b>11,502</b>
<b>TOTAL:</b>	-	-	-	-								

**PROJECT  
LOCATION  
& MAP**



# CIP Project Description

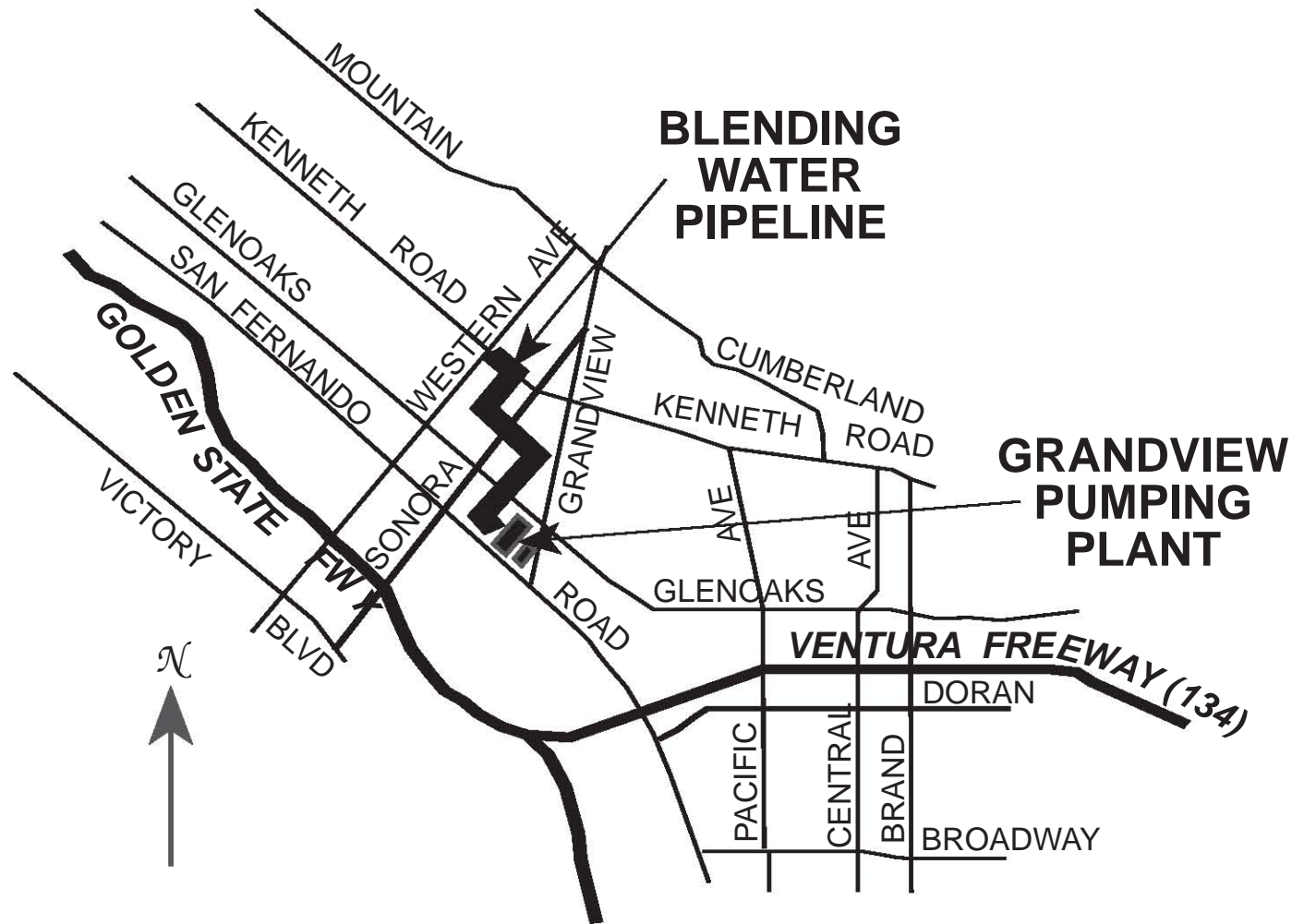
TITLE: Potable Water Quality & Treatment Improvements  
 DESCRIPTION: State Department of Health Services requirements. Add chlorine analyzers.  
 DEPARTMENT: Glendale Water & Power - Water  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY: These projects are part of an ongoing plan to ensure groundwater quality in the system.  
 REMARKS: These improvements are necessary to maintain water quality and meet requirements of the State.

PROJECT NUMBER: VARIOUS

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	607	901	106	109	113	116	119	123	127	131	2,452	
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	607	901	106	109	113	116	119	123	127	131	2,452	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	607	901	106	109	113	116	119	123	127	131	2,452	
<b>TOTAL:</b>	607	901	106	109	113	116	119	123	127	131	2,452	
<b>ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:</b>						<b>PROJECT COST SUMMARY:</b>						
SALARIES AND BENEFITS						-						
M & O						-						
CAPITAL OUTLAY						-						
REVENUE (SUBTRACTED)						-						
<b>TOTAL:</b>						-						
						10-YEAR CIP TOTAL						2,452
						EXISTING BALANCE						-
						ESTIMATED COSTS AFTER 10-YEAR CIP						-
						<b>TOTAL:</b>						2,452

**PROJECT  
LOCATION  
& MAP**





# CIP Project Description

TITLE: Public Water Source Improvements

PROJECT NUMBER: VARIOUS

DESCRIPTION: The Chromium 6 removal program involves ongoing transactional costs. The source of water supply structures, treatment facilities, and equipment are charged. The project includes the design of a new Glorietta well.

DEPARTMENT: Glendale Water & Power - Water

STRATEGIC PLAN

DIRECTION/STRATEGY: The project is part of the City's Water Resource Plan to remove the Chromium 6 from the ground water.

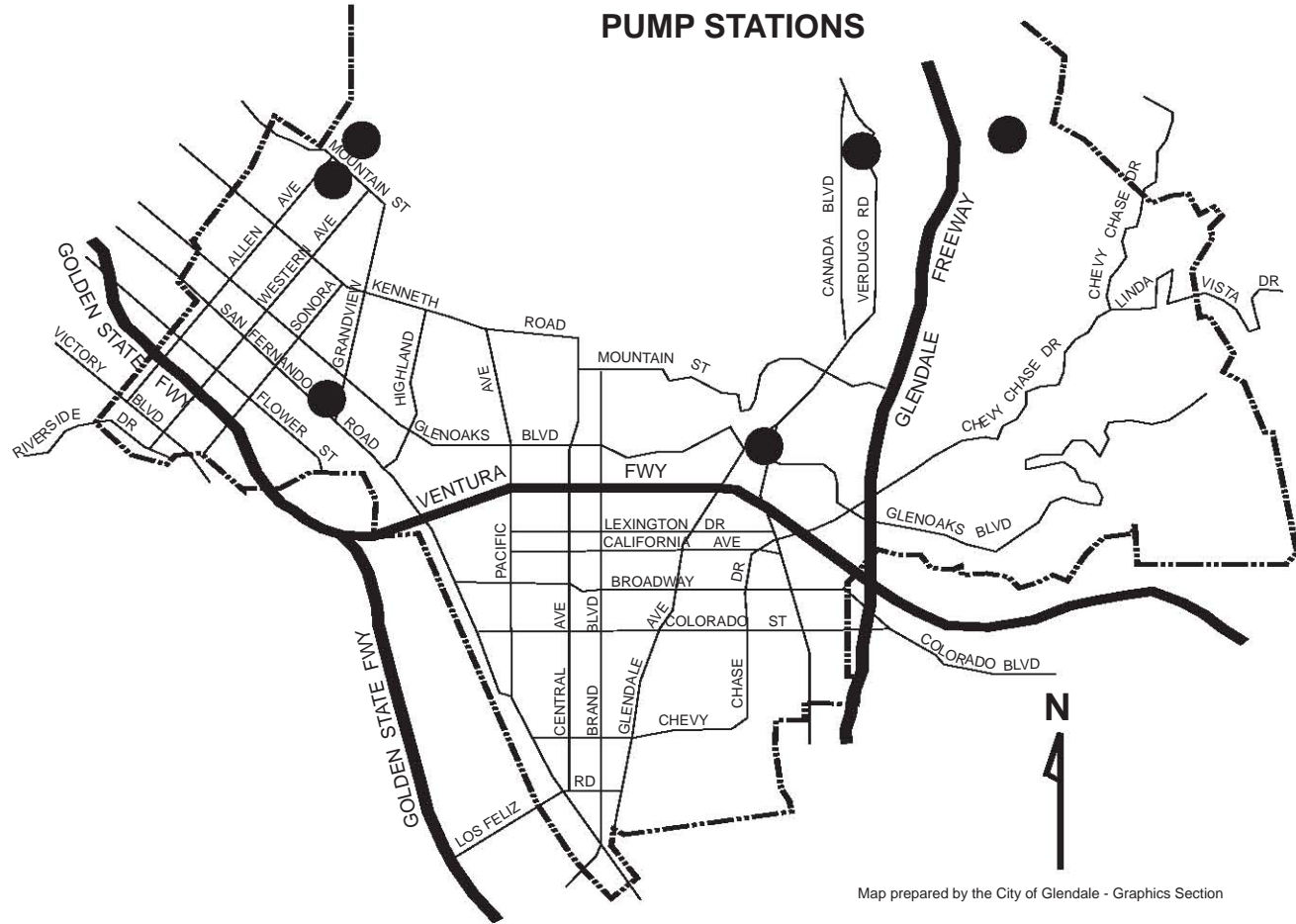
REMARKS: Removal of Chromium 6 from the Groundwater of the San Fernando Basin. Overall operation and maintenance by others. Well equipment and structures must be maintained in good operating condition to be sources of water supply to the system.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	1,386	1,210	2,332	515	545	561	578	595	613	631	8,966
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL:</b>	<b>1,386</b>	<b>1,210</b>	<b>2,332</b>	<b>515</b>	<b>545</b>	<b>561</b>	<b>578</b>	<b>595</b>	<b>613</b>	<b>631</b>	<b>8,966</b>
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-
CDBG	-	-	-	-	-	-	-	-	-	-	-
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-
PARKING	-	-	-	-	-	-	-	-	-	-	-
SEWER	-	-	-	-	-	-	-	-	-	-	-
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
WATER	1,386	1,210	2,332	515	545	561	578	595	613	631	8,966
<b>TOTAL:</b>	<b>1,386</b>	<b>1,210</b>	<b>2,332</b>	<b>515</b>	<b>545</b>	<b>561</b>	<b>578</b>	<b>595</b>	<b>613</b>	<b>631</b>	<b>8,966</b>
<b>ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:</b>						<b>PROJECT COST SUMMARY:</b>					
SALARIES AND BENEFITS	-	-	-	-	-	10-YEAR CIP TOTAL					8,966
M & O	-	-	-	-	-	EXISTING BALANCE					-
CAPITAL OUTLAY	-	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP					-
REVENUE (SUBTRACTED)	-	-	-	-	-	<b>TOTAL:</b>					<b>8,966</b>
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>						<b>8,966</b>

**NAME:** Potable Water Pumping Plant Improvements

**PROJECT  
LOCATION  
& MAP**



Map prepared by the City of Glendale - Graphics Section



# CIP Project Description

TITLE: Potable Water Pumping Plant Improvements  
 DESCRIPTION: Replacement of pumping equipment, improvements of pumping plant structures, site improvements, and installation of SCADA system hardware.  
 DEPARTMENT: Glendale Water & Power - Water  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY: Necessary to maintain overall integrity of water system.

PROJECT NUMBER: VARIOUS

REMARKS:

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	350	739	2,755	420	113	116	119	123	127	131	4,993	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	-	-	-	-	-	-	-	-	-	-	-	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	350	739	2,755	420	113	116	119	123	127	131	4,993	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	-	-	-	-	-	-	-	-	-	-	-	
WATER	350	739	2,755	420	113	116	119	123	127	131	4,993	
<b>TOTAL:</b>	350	739	2,755	420	113	116	119	123	127	131	4,993	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-	10-YEAR CIP TOTAL							4,993
CAPITAL OUTLAY	-	-	-	-	EXISTING BALANCE							-
REVENUE (SUBTRACTED)	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
<b>TOTAL:</b>	-	-	-	-	<b>TOTAL:</b>							4,993

**NAME:** Transmission Capital Improvements



10-60

PROJECT  
LOCATION  
& MAP



# CIP Project Description

TITLE: Transmission Capital Improvements  
 DESCRIPTION: Ten-year capital improvement program to extend the life of transmission lines owned by Glendale Water & Power (GWP).  
 DEPARTMENT: Glendale Water & Power - Power Management  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY: Service Delivery/Encouragement of Innovation and Creativity. Focus on Quality.  
 REMARKS: GWP in partnership with other entities own transmission lines throughout the southwestern United States. As part of the ownership contract, GWP must pay for capital improvements as needed.

PROJECT NUMBER: VARIOUS

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
PLANNING,SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	500	500	318	328	338	338	338	338	338	338	3,674	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>500</b>	<b>500</b>	<b>318</b>	<b>328</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>3,674</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	500	500	318	328	338	338	338	338	338	338	3,674	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>500</b>	<b>500</b>	<b>318</b>	<b>328</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>3,674</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-	10-YEAR CIP TOTAL							3,674
M & O	-	-	-	-	EXISTING BALANCE							-
CAPITAL OUTLAY	-	-	-	-	ESTIMATED COSTS AFTER 10-YEAR CIP							-
REVENUE (SUBTRACTED)	-	-	-	-	<b>TOTAL:</b>							<b>3,674</b>
<b>TOTAL:</b>	-	-	-	-								



PROJECT  
LOCATION  
& MAP



**GRAYSON POWER PLANT**



# CIP Project Description

TITLE: Electric General Plant Capital  
 DESCRIPTION: Various capital improvements to electrical facilities throughout the city. Includes security improvements, the fiber optic system, the GIS system.

PROJECT NUMBER: VARIOUS

DEPARTMENT: Glendale Water & Power- Electric  
 STRATEGIC PLAN  
 DIRECTION/STRATEGY:

REMARKS: To maintain and improve the infrastructure, improvements must be made to the various electrical structures.

(Thousands of Dollars)

10-YEAR EXPENDITURE PLAN:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
SALARIES & BENEFITS	-	-	-	-	-	-	-	-	-	-	-	
MAINT. & OPERATION	-	-	-	-	-	-	-	-	-	-	-	
CAPITAL OUTLAY	-	-	-	-	-	-	-	-	-	-	-	
LAND & LAND RIGHTS	-	-	-	-	-	-	-	-	-	-	-	
BUILDING & STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	
ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
PLANNING, SURVEY, & DESIGN	-	-	-	-	-	-	-	-	-	-	-	
REAL PROPERTY PURCHASE	-	-	-	-	-	-	-	-	-	-	-	
NEW STREET CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	
OTHER IMPROVEMENTS	2,754	2,821	2,907	2,944	3,114	3,207	3,304	3,403	3,505	3,610	31,569	
OTHER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>2,754</b>	<b>2,821</b>	<b>2,907</b>	<b>2,944</b>	<b>3,114</b>	<b>3,207</b>	<b>3,304</b>	<b>3,403</b>	<b>3,505</b>	<b>3,610</b>	<b>31,569</b>	
FUNDING SOURCES:	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL	
CAPITAL IMPROVEMENT FUND	-	-	-	-	-	-	-	-	-	-	-	
CERTIFICATES OF PARTICIPATION	-	-	-	-	-	-	-	-	-	-	-	
STATE GAS TAX FUND	-	-	-	-	-	-	-	-	-	-	-	
SCHOLL CANYON LIFE EXTENSION	-	-	-	-	-	-	-	-	-	-	-	
CDBG	-	-	-	-	-	-	-	-	-	-	-	
GRA I - DOWNTOWN GLENDALE	-	-	-	-	-	-	-	-	-	-	-	
GRA II - SAN FERNANDO	-	-	-	-	-	-	-	-	-	-	-	
PARKING	-	-	-	-	-	-	-	-	-	-	-	
SEWER	-	-	-	-	-	-	-	-	-	-	-	
REFUSE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-	
ELECTRIC	2,754	2,821	2,907	2,944	3,114	3,207	3,304	3,403	3,505	3,610	31,569	
WATER	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL:</b>	<b>2,754</b>	<b>2,821</b>	<b>2,907</b>	<b>2,944</b>	<b>3,114</b>	<b>3,207</b>	<b>3,304</b>	<b>3,403</b>	<b>3,505</b>	<b>3,610</b>	<b>31,569</b>	
ESTIMATED ANNUAL OPERATIONAL COSTS WHEN PROJECT IS COMPLETE:					PROJECT COST SUMMARY:							
SALARIES AND BENEFITS	-	-	-	-								
M & O	-	-	-	-								
CAPITAL OUTLAY	-	-	-	-								
REVENUE (SUBTRACTED)	-	-	-	-								
<b>TOTAL:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>								
					10-YEAR CIP TOTAL							31,569
					EXISTING BALANCE							-
					ESTIMATED COSTS AFTER 10-YEAR CIP							-
					<b>TOTAL:</b>							<b>31,569</b>