



# **Fiscal Year 2019-20 Capital Improvement Program**

Presented by:

City of Rancho Cucamonga  
Engineering Services Department

10500 Civic Center Drive  
Rancho Cucamonga, California 91730  
Tel: 909.477.2740  
Fax: 909.477.2741  
[www.cityofrc.com](http://www.cityofrc.com)

## SUMMARY

<u>Categories</u>		<u><b>Budgeted</b></u>	<u>Unfunded</u>	<u>General Plan: Policy Reference</u>
A. Landscaping.....	(2)	\$ 800,000	\$ -	GP: CM-3.11,PS-12.7
B. Drainage.....	0	\$ -	\$ -	
C. Facilities.....	(15)	\$ 5,421,000	\$ -	GP: ED-3.1, PF-1.1, PF-1.4, PF-1.5
D. Miscellaneous.....	(10)	\$ 2,229,890	\$ -	GP: CM-1.4, CM-2.1, CM-3.7, CS-6.3, LU-11.2, PS-12.4
E. Municipal Utility.....	(5)	\$ 1,445,000	\$ -	GP: PF-1.4, RC-4.2
F. Parks.....	(9)	\$ 2,494,100	\$ -	GP: CS-1.8, PF-1.4
G. Railroad Crossings.....	(1)	\$ 225,000	\$ -	GP: CM-1.2, CM-4.4
H. Streets.....	(12)	\$ 57,123,000	\$ -	GP: CM-1.1, CM-2.1, CM-4.4, ED-4.3
I. Traffic.....	(7)	\$ 8,415,660	\$ -	GP: CM-4.1, CM-4.2
TOTAL.....	(61)	\$ 78,153,650	\$ -	
J. Future & Unfunded Projects.....	(23)		\$ 26,092,160	GP: CM-1.1, CM-4.4, ED-3.1, PS-12.4

**CITY OF RANCHO CUCAMONGA - CAPITAL IMPROVEMENT PROGRAM - FISCAL YEAR 2019/20**

<b>No.</b>	<b>Project</b>	<b>Fund</b>	<b>Account</b>	<b>Amount (\$)</b>
<b>A. Landscaping</b>				
1	LMD 2 Water Conservation and Landscape Renovations (Multi-Phased Project)	LMD 2	11313035650/1787131-0	<b>400,000</b>
2	LMD 4R Water Conservation and Landscape Renovations (Multi-Phased Project)	LMD 4R	11343035650/1787134-0	<b>400,000</b>
<b>Landscaping Funded Total:</b>				<b>800,000</b>
<b>B. Drainage</b>				
<b>Drainage Funded Total:</b>				<b>0</b>
<b>C. Facilities</b>				
1	Central Park - Makeover	Capital Reserve	1025001-5602	<b>12,000</b>
2	City Facilities - Roof Replacement and Repairs	Capital Reserve	1025001-5602	<b>250,000</b>
3	City Yard - Roof Repair	Capital Reserve	1025001-5304	<b>70,000</b>
4	Civic Center - Carpet and Reconfiguration	Capital Reserve	1025001-5602	<b>525,000</b>
5	Cultural Center - Courtyard Redesign	Capital Reserve	10250015650/1894025-0	<b>15,000</b>
6	Cultural Center - Lighting Control System	Capital Reserve	1025001-5300	<b>15,000</b>
7	Fire District - East Ave Fire Station 176	Fire Capital Projects	32885015650/1995288-0	<b>75,000</b>
8	Fire District - Public Safety Facility	Fire Capital Projects	32885015650/1733288-0	<b>150,000</b>
9	Fire District - Town Center Station 178	Fire Capital Projects	32885015650/1645288-0	<b>75,000</b>
10	Fire District - Water Conservation Lndscp/ADA Compliance/EV Circulation	Fire Capital Projects	3288501-5607	<b>1,100,000</b>
11	LoanMart Stadium - Seating Area Concrete Sealing	Sports Complex	1700312-5607	<b>15,000</b>
12	Metrolink Station - Improvements	LMD 3B	1133303-5304	<b>204,000</b>
13	Paul A. Biane Library - Second Story Project	Libray Capital Fund	13296015650/1867329-0	<b>575,000</b>
14	Public Works Services Department - Warehouse Expansion	Capital Reservice	10250015650/1927025-0	<b>2,140,000</b>
15	R.C. Sports Center - Compressed Natural Gas Station	AB 2766	1105208-5607	<b>160,000</b>
		Fire Capital	3288501-5607	<b>40,000</b>
				<b>200,000</b>
<b>Facilities Funded Total:</b>				<b>5,421,000</b>
<b>D. Miscellaneous</b>				
1	6th St Cycle Track & Milliken Bike Lane (going to be reimb with ATP Cycle 4)	Citywide Infrastructure	11983035650/2005198-0	<b>170,690</b>
2	9th St n/side 900'-200' West of Vineyard Ave - Sidewalk Improvements	Citywide Infrastructure	11983035650/1808198-0	<b>95,200</b>
		Safe Routes to School	12343035650/1808234-0	<b>90,800</b>
				<b>186,000</b>
3	Barrier Replacements @ Flood Control Entrance/Exit	Beautification	11103165650/2012110-0	<b>60,000</b>
4	Citywide Concrete Repair	General Fund	10013185650/1991001-0	<b>500,000</b>
		Measure I	11773035650/1991177-0	<b>100,000</b>
				<b>600,000</b>
5	Day Creek Channel Bike Trail: Jack Benny to Base Line	Ped Grant/Art 3	12143035650/2014214-0	<b>403,000</b>
		AB 2766	11052085650/2014105-0	<b>217,000</b>
				<b>620,000</b>
6	LMD 4R - Wrought Iron Fencing	LMD 4R	1134303-5607	<b>385,000</b>

7	Milliken Ave Underpass - Sidewalk Expansion	LMD 3B	11333035650/1977133-0	90,000
8	Pacific Electric Trail- Drainage Improvements	LMD 1	11303035650/2011130-0	50,000
9	Sidewalk Improvements for Bus Stops @ Four locations	Gas Tax R&T 7360 Ped Grant/Art 3	11743035650/1823174-0 12143035650/1823214-0	13,000 48,000 <u>61,000</u>
10	Southeast Corner Foothill Boulevard and Etiwanda Avenue - Sidewalk Survey	Community Dev Block Grant	12043145650/2017204-0	7,200
			<b>Miscellaneous Funded Total:</b>	<b>2,229,890</b>
<b>E. Municipal Utility - Electrical &amp; Fiber Optics</b>				
1	6th St from W/O Haven Ave to Center Ave - Electric and Fiber Extension	Municipal Utility	17053035650/1997705-0	275,000
2	7th St from W/O Haven Ave to RR Tracks - Electric and Fiber Line Extension	Municipal Utility	17053035650/1998705-0	275,000
3	City Hall East Parking Lot - Electric Line Extension	Municipal Utility	17053035650/1986705-0	150,000
4	Etiwanda Ave from Arrow Rte to Whittram Ave - Electric Dist Line Extension	Municipal Utility	17053035650/1999705-0	300,000
5	Rancho Cucamonga Fiber Optic Network	Fiber Optic Network	17113035650/1910711-0	445,000
			<b>Municipal Utility Funded Total:</b>	<b>1,445,000</b>
<b>F. Parks</b>				
1	Etiwanda Creek Park - Phase II	Park Development	11204015650/1664120-0	450,000
2	Garcia Park - Ball Field Lights	LMD 9	11393035650/1981139-0	500,000
3	Heritage Park - Equestrian Main Area Refurbish	PD 85	1848303-5607	50,000
4	Heritage Park - Replace Restroom & Storage Building Roof	PD 85	1848303-5607	75,000
5	Old Town Park - Sports Lighting Foundation	LMD 1	1130303-5607	50,000
6	Parks Facility Painting	LMD 2 LMD 4R LMD 6 LMD 9 LMD 10	1131303-5300 1134303-5300 1136303-5300 1139303-5300 1140303-5300	74,300 148,650 5,000 31,500 34,800 <u>294,250</u>
7	Paseo Lighting Retrofits	LMD 2	11313035650/1716131-0	242,550
8	Replace Rubberized Playground Surface	LMD 1 LMD 2 LMD 4R PD85 CFD 2000-03	1130303-5607 1131303-5607 1134303-5607 1848303-5607 1868203-5607	313,000 114,000 45,000 210,300 150,000 <u>832,300</u>
			<b>Parks Funded Total:</b>	<b>2,494,100</b>
<b>G. Railroad Crossings</b>				
1	6th St at BNSF Spur Crossing west of Etiwanda Avenue	Transportation	11243035650/1839124-0	225,000
			<b>Railroad Crossings Funded Total:</b>	<b>225,000</b>
<b>H. Streets</b>				
1	ADA Ramps at Various Locations	Measure I Gas Tax R&T 7360	11773035650/1150177-0 11743035650/1150174-0	100,000 150,000 <u>250,000</u>
2	Base Line Road Utility Underground	Underground Utilities	11293035650/1776129-0	77,000
3	Church St: Haven to Milliken - Pavement Rehab	Measure I	11773035650/2013177-0	625,000
4	Etiwanda Ave east side widening from 400' north Whittram Ave to 300' s/o Arrow Rte	Measure I Community Dev Block Grant	11773035650/2002177-0 12043145650/2002204-0	550,000 30,000 <u>580,000</u>
5	Etiwanda Ave from Foothill Blvd to Wilson Ave - Pavement Rehabilitation	Measure I	11773035650/2007177-0	50,000

6	Etiwanda Ave Grade Separation Project	SB-1 TCEP Citywide Infrastructure	11813035650/1922181-0 11983035650/1922198-0	<b>52,150,000</b> <b>25,000</b> <b>52,175,000</b>
7	Grind and Patch Asphalt Pavement at Arterial Intersection	Gas Tax R&T 7360	11743035650/2010174-0	<b>50,000</b>
8	Hermosa Ave from Banyan to Wilson - Pavement Rehabilitation	Road Maint & Rehab	11793035650/1815179-0	<b>266,000</b>
9	Hermosa Ave n/o Fthll to Church St - Widening	Beautification Gas Tax R&T 7360	11103165650/1976110-0 11743035650/1976174-0	<b>350,000</b> <b>150,000</b> <b>500,000</b>
10	Highland Ave, from Archibald to Haven - Pavement Rehabilitation	Road Maint & Rehab	11793035650/1960179-0	<b>600,000</b>
11	Local Street Pavement Rehabilitation at Various Locations	Measure I  Road Maint & Rehab	11773035650/1022177-0 11773035650/1022176-0 11793035650/1022179-0	<b>700,000</b> <b>200,000</b> <b>1,000,000</b> <b>1,900,000</b>
12	Youngs Canyon Rd - Extension from Koch Place to Cherry Avenue	AD88-2 Etiw/Highland Improv	18132035650/1601813-0	<b>50,000</b>
<b>Streets Funded Total:</b>				<b>57,123,000</b>
<b>I. Traffic</b>				
1	Advance Traffic Management System - Phase I	Transportation	11243035650/1982124-0	<b>4,039,000</b>
2	Advance Traffic Management System - Phase 2	Transportation	11243035650/2004124-0	<b>2,828,000</b>
3	Day Creek: Upgrade LT Phases	Transportation	11243035650/1956124-0	<b>329,000</b>
4	School Crosswalk Improvements	Transportation	11243035650/2015124-0	<b>83,500</b>
5	Southwest Cucamonga Class I Bike Trail Project	AB 2766	11052085650/1953105-0	<b>596,160</b>
6	Traffic Signal Battery Back-Up Replacements	Equip/Veh Replacement Gas Tax R&T 7360	17120015650/1980712-0 11743035650/1980174-0	<b>150,000</b> <b>150,000</b> <b>300,000</b>
7	Vineyard Avenue @ San Bernardino Rd - Traffic Signal Modification	Transportation Fire Capital	11243035650/1994124-0 32885015650/1994288-0	<b>90,000</b> <b>150,000</b> <b>240,000</b>
<b>Traffic Funded Total:</b>				<b>8,415,660</b>
<b>J. Future &amp; Unfunded Projects</b>				
1	4th St from Haven Ave to Ontario Mills Dr - Pavement Rehabilitation	Gas Tax R&T 7360 Measure I	11743035650/2001174-0 11773035650/2001177-0	480,000 500,000 980,000
2	Amethyst Ave: Hillside-FCD stockpile Pavement Rehab	Gas Tax R&T 7360	11743035650/1724174-0	250,000
3	Arrow Rte and Rochester Ave, n/w corner - Animal Exercise Yard Improv	Park Development	11204015650/1955120-0	80,000
4	Banyan St from Haven Ave to Rochester Ave Pavement Rehabilitation	Measure I	11773035650/1984177-0	1,096,000
5	Center Ave from 6th St to 8th St - Pavement Rehabilitation	Gas Tax R&T 7360	11743035650/2008174-0	356,000
6	Central Park - Amphitheatre	Unknown	xxxxxxxxxx/xxxxxxxx-0	7,000,000
7	Central Park - Dog Park	Unknown	xxxxxxxxxx/xxxxxxxx-0	3,000,000
8	Central Park - Trail Head Improvements	Park Development	11204015650/1871120-0	1,890,000
9	Citywide - HVAC & Lighting Controls	Capital Reserve	10250015650/1978025-0	400,000
10	Civic Center - Waterproof/Planter Box Repair	Capital Reserve	10250015650/1950025-0	50,000
11	Cucamonga Storm Drain Upper Ph3 e/o Hellman, Amethyst-19th	General Drainage Measure I Citywide Infrastructure	11123035650/1928112-0 11763035650/1928176-0 11983035650/1928198-0	450,000 166,050 3,503,620 4,119,670
12	Cultural Center - Loading Bay	Capital Reserve	10250015650/1895025-0	210,000

13	Davis Trail Landslide	LMD 1	11303035650/2009130-0	12,290
14	Foothill Blvd from Grove Ave to San Bernardino Rd - Street Improvements	Gas Tax R&T 7360	11743035650/1964174-0	1,415,000
15	Foothill Blvd from Milliken Ave to Freeway I-15 - Pavement Rehabilitation	Road Maint & Rehab	11793035650/1985179-0	1,950,000
16	Haven Ave: Wilson Ave-Vivienda St Community Trail	Beautification	11103165650/1829110-0	150,000
17	Heritage Park - Bridge Replacement Design	Unknown	xxxxxxxxxx/1963xxx-0	50,000
18	Lemon Ave from London Ave to Haven Ave - Pavement Rehabilitation	Unknown	xxxxxxxxxx/1793xxx-0	665,000
19	Milliken Ave from 210 Freeway to Banyan St - Pavement Rehabilitation	Measure I	11773035650/xxxx177-0	497,000
20	Olive Grove Park - Drainage	CFD 2000-03	18682035650/1979868-0	303,000
21	Rochester Ave from 6th St to Arrow Rte - Pavement Rehabilitation	Measure I	11773035650/2000177-0	611,000
22	Rochester Ave from Base Line Rd to Banyan St - Pavement Rehabilitation	Measure I Road Maint & Rehab	11773035650/1935177-0 11793035650/1935179-0	150,000 <u>800,000</u> 950,000
23	Westerly Sidewalk Improvmeents along Hellman Ave	Community Dev Block Grant	12043145650/2016204-0	57,200
<b>Future &amp; Unfunded Total:</b>				26,092,160

# Landscaping



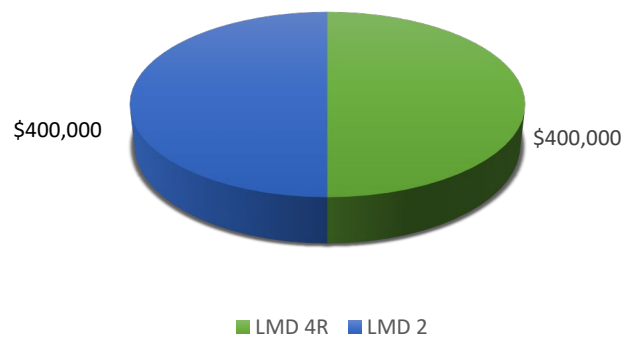
Typical Beautification projects include parkway landscape, median islands, plant material replacement, community trail landscape and open space preservation. The City strives to plan and budget for projects that exemplify Rancho Cucamonga's aesthetic standards, particularly in areas of the City that are older and undergoing rehabilitation. Many Beautification projects bring these areas into alignment with the rest of the City.

The City adheres to a Xeriscape policy in all of its plant material selection, ensuring current water conservation standards, as well as the adaptability of plants, trees, flowers and shrubs to Southern California's warm and dry climate. This practice helps to reduce ongoing maintenance and irrigation costs. The Beautification Fee Program was discontinued in 2014 and fees are no longer being collected. Current and future projects will utilize these funds until the remaining fund balance has been depleted.

## Project List & FY 2019-20 Expenditures

1 LMD 2 Water Conservation	\$ 400,000
2 LMD 4R Water Conservation	\$ 400,000
	<u>\$ 800,000</u>

## Sources of Funding for FY 2019-20



Project Number:  
JL Key: 1787  
Object: 5650  
District: 3

## LMD 2 Victoria - Water Conservation/Landscape Renovation

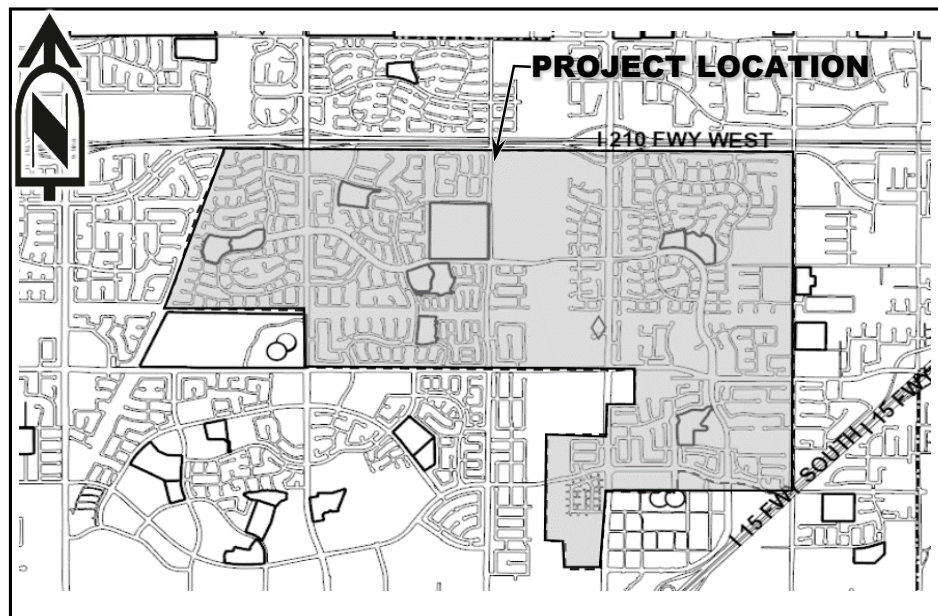
**Project Location:**  
LMD 2

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Dean Rodia



**Description:** Continuation of previous year's turf removals and replacement with drought tolerant landscaping.

**Justification:** Appropriation was carried forward from FY 18/19. Will reduce water usage and labor costs to irrigate and maintain landscaping in LMD 2. Demonstrate to public that drought tolerant landscaping is aesthetically pleasing and easy to maintain.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$165,030	\$0	\$0	\$0	\$0	\$0	\$165,030
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$360,000	\$0	\$0	\$0	\$0	\$360,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
<b>Total Costs:</b>	\$165,030	\$400,000	\$0	\$0	\$0	\$0	\$565,030

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 2 (131)	\$165,030	\$400,000	\$0	\$0	\$0	\$0	\$565,030
<b>Total Costs:</b>	\$165,030	\$400,000	\$0	\$0	\$0	\$0	\$565,030

**Impact on Operations:** Reduce water usage. Reduce irrigation and maintenance time and costs required at renovated sites.

Project Number:  
JL Key: 1787  
Object: 5650  
District: 3

## LMD 4R Terra Vista - Water Conservation/Landscape Renovation

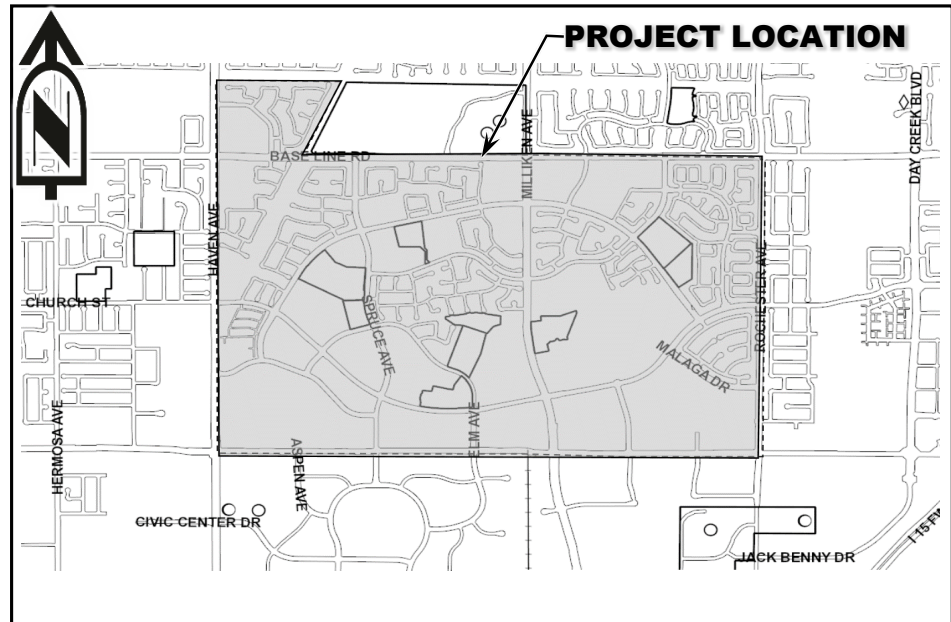
**Project Location:**  
LMD 4R

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Dean Rodia



**Description:** Continuation of previous year's turf removals and replacement with drought tolerant landscaping.

**Justification:** Appropriation carried over from FY 18/19. Reduce water usage and labor costs to irrigate and maintain landscaping in LMD 2. Demonstrate to public that drought tolerant landscaping is aesthetically pleasing and easy to maintain.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$360,000	\$0	\$0	\$0	\$0	\$360,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
<b>Total Costs:</b>	\$100,000	\$400,000	\$0	\$0	\$0	\$0	\$500,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 4R (134)	\$100,000	\$400,000	\$0	\$0	\$0	\$0	\$500,000
<b>Total Costs:</b>	\$100,000	\$400,000	\$0	\$0	\$0	\$0	\$500,000

**Impact on Operations:** Reduce water usage. Reduce irrigation and maintenance time and costs required at renovated sites.

# Drainage

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Drainage projects include the construction of new storm drains, storm drain lateral connections, flood control channels, catch basins, debris racks and other forms of infrastructure that protect the public right-of-way from hazards caused by flooding and severe weather events.

Drainage projects are scheduled and planned due to the availability of funding, safety concerns, new development, and weather/emergency events. In extreme circumstances, inadequate drainage can prevent development from taking place.

The City consults with many other agencies when constructing new drainage improvements, including utility companies, the Cucamonga Valley Water District, the San Bernardino Flood Control District and the Army Corps of Engineers, as needs dictate.

Drainage projects are typically funded from Drainage Funds and eligible street funding sources such as Measure I or Gas Tax.

# Facilities



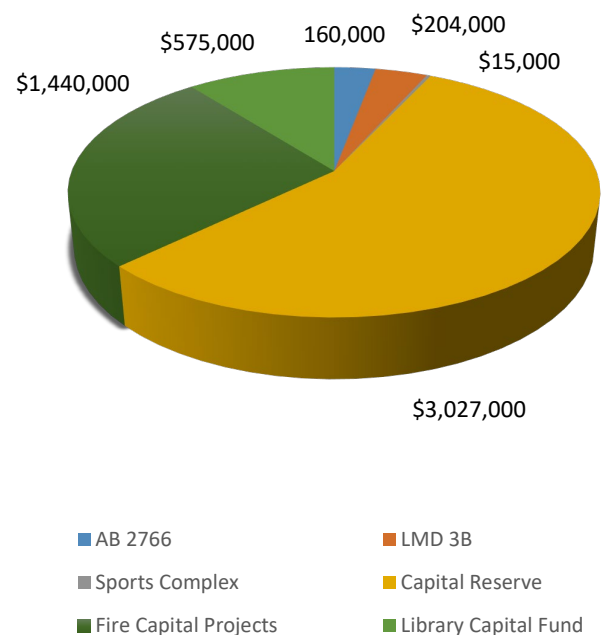
Projects that construct new buildings or that either improve, add on to, or renovate existing buildings and ancillary structures are typically classified as Facilities Projects. These projects ultimately result in new structures being added to the City's fixed facility inventory; however, some projects placed in this category are considered capital rehabilitation as they focus on the remodeling or restoration of existing facilities.

The majority of these projects are funded via City Reserve funds. Major projects may qualify for state, federal and/or grant funding. Typical operating expenses for facilities include increases in staffing, building and systems maintenance costs, overhead expenses and utilities.

## Project List & FY 2019-20 Expenditures

1	Central Park-Makeover	\$	12,000
2	City Facilities-Roof Rplcmt and Repairs	\$	250,000
3	City Yard-Roof Repair	\$	70,000
4	Civic Center-Carpet and Reconfiguration	\$	525,000
5	Cultural Center-Courtyard Redesign	\$	15,000
6	Cultural Center- Lighting Control System	\$	15,000
7	Fire District-East Ave Fire Station 176	\$	75,000
8	Fire District-Public Safety Facility	\$	150,000
9	Fire District-Town Ctr Station 178	\$	75,000
10	Fire District- Water Conservation	\$	1,100,000
11	Lndscp/ADA Compliance/EV Circulation	\$	15,000
12	LoanMart Stadium-Seating Area Concrete Sealing	\$	204,000
13	Metrolink Station Improvements	\$	575,000
14	Paul A. Biane Library-Second Story	\$	2,140,000
15	Public Works Svcs Ctr-Warehouse Exp	\$	200,000
	R.C. Sports Ctr-CNG Station	\$	5,421,000

## Sources of Funding for FY 2019-2020



Project Number:  
JL Key:  
Object: 5602  
District: 3

## Central Park - Makeover

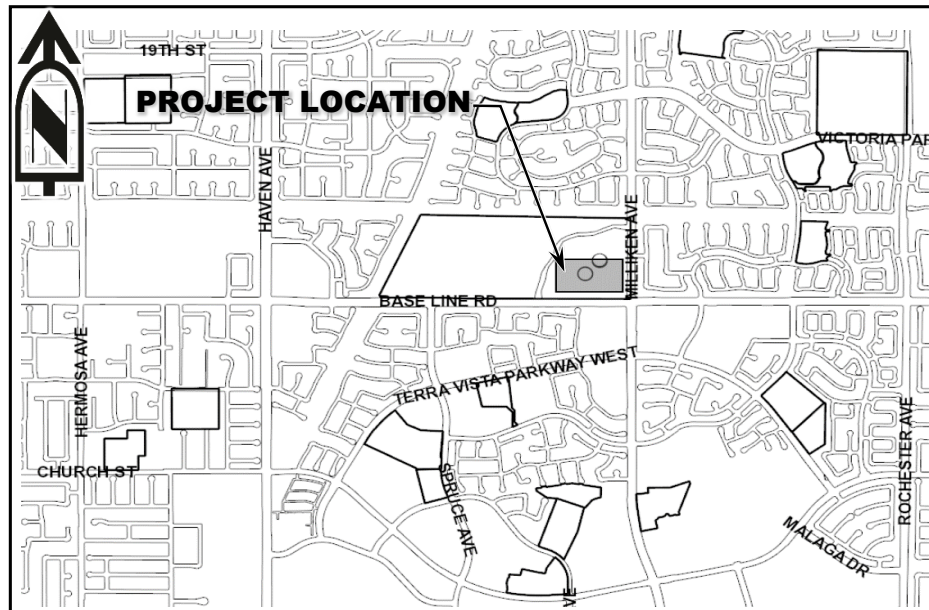
**Project Location:**  
Central Park

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Neil Plummer



**Description:** Refinish all the wood casework (front counters, shelving, etc.) throughout the building along with the wood dance floor and stage in Dryer Hall.

**Justification:** Central Park opened in 2005. By 2010, constant usage required that the wood casework and flooring be refinished. The maple dance floors are badly scuffed and need to be sanded then re-stained. The wood casework needs to be stripped then re-varnished. This refinishing work is a proactive, economical way of extending the service life of the casework, flooring and stage. The cost to replace these items is significantly higher.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$12,000	\$0	\$0	\$0	\$0	\$12,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$9,000	\$0	\$0	\$0	\$9,000
<b>Total Costs:</b>	\$0	\$12,000	\$99,000	\$0	\$0	\$0	\$111,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$0	\$12,000	\$99,000	\$0	\$0	\$0	\$111,000
<b>Total Costs:</b>	\$0	\$12,000	\$99,000	\$0	\$0	\$0	\$111,000

**Impact on Operations:** Central Park must be closed to the public (and CSD staff) for a minimum of one week. The refinishing work will be in public areas. It is not possible to confine the dust and hazardous fumes while existing wood finishes are sanded, removed, prepped then refinished. Also, the building must be vented to avoid the accumulation of fumes during this work.

Project Number:  
JL Key:  
Object: 5602  
District: 1, 2

## City Facilities - Roof Replacement and Repair

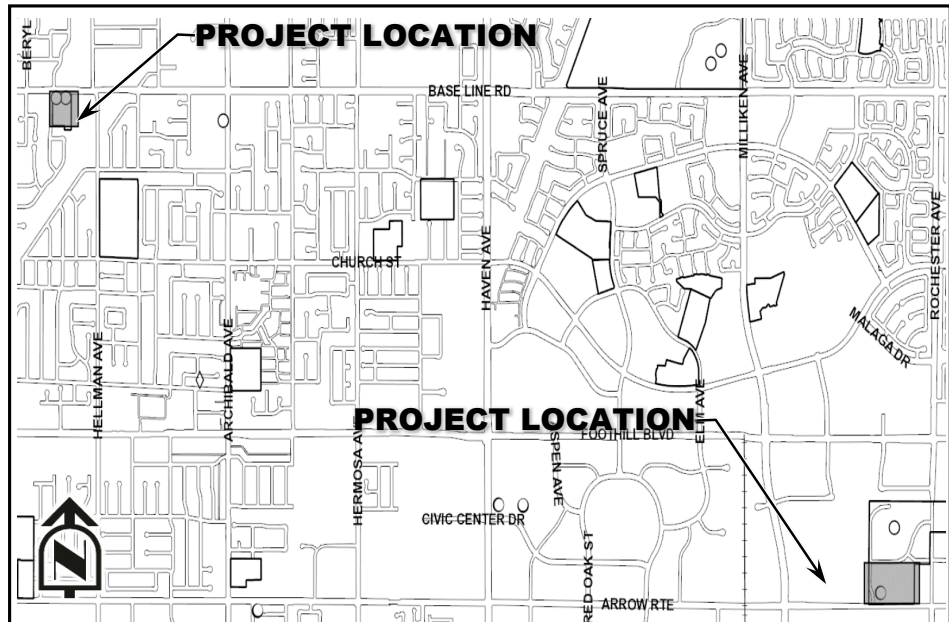
**Project Location:**  
Lions West, Lions East and Animal  
Care & Adoption Center

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Neil Plummer



**Description:** Replace existing roof at Lions West plus repair roofs at Lions East (awarded FY 18/19 with estimated completion summer 2019) and Animal Care & Adoption Center (to bid in early FY 19/20 with estimated completion later in FY 19/20).

**Justification:** The roofs at these facilities leak and must be replaced or repaired (as called for by the roofing consultant).

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$28,500	\$0	\$0	\$0	\$0	\$0	\$28,500
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$290,260	\$228,000	\$0	\$0	\$0	\$0	\$518,260
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$22,000	\$0	\$0	\$0	\$0	\$22,000
<b>Total Costs:</b>	\$318,760	\$250,000	\$0	\$0	\$0	\$0	\$568,760

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$318,760	\$250,000	\$0	\$0	\$0	\$0	\$568,760
<b>Total Costs:</b>	\$318,760	\$250,000	\$0	\$0	\$0	\$0	\$568,760

**Impact on Operations:** Service calls to fix leaks and/or clean up after leaks will stop after the roof replacement/repair work has been completed.

Project Number:  
 JL Key:  
 Object: 5304  
 District: 2

## City Yard - Roof Repair

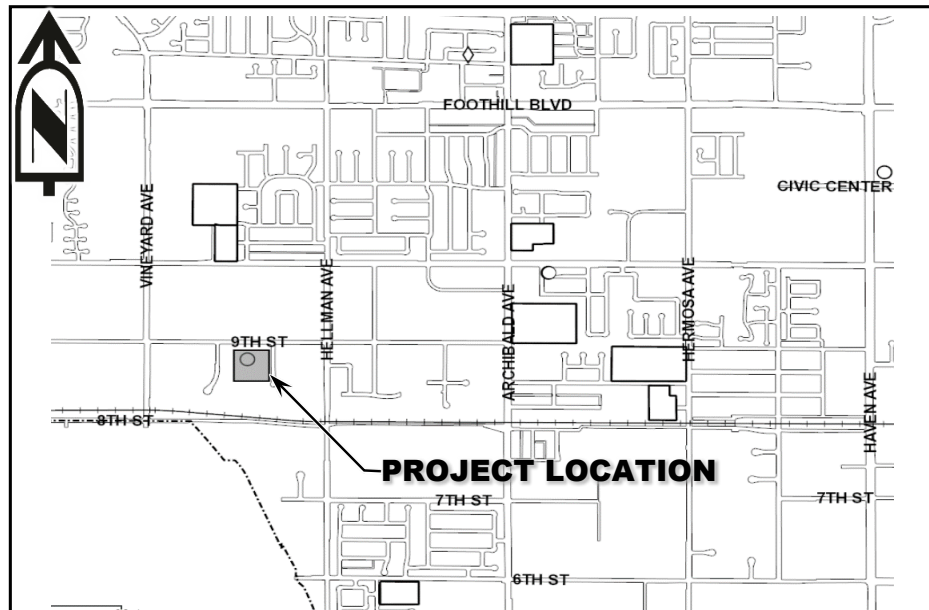
**Project Location:**  
 Public Works Services Center

**Est. Construction Start/End:**  
 July 2019 – June 2020

**Project Status:**  
 Design/Construction

**Department:**  
 PWSD

**Project Manager:**  
 Neil Plummer



**Description:** Localized roof repairs at the Public Works Service Center to stop multiple leaks.

**Justification:** When it rains, the roof of the Public Works Service Center leaks at several locations namely over the two (2) main conference rooms, the front lobby area, the irrigation control room and the closets between the crew rooms.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$65,000	\$0	\$0	\$0	\$0	\$65,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
<b>Total Costs:</b>	\$0	\$70,000	\$0	\$0	\$0	\$0	\$70,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$0	\$70,000	\$0	\$0	\$0	\$0	\$70,000
<b>Total Costs:</b>	\$0	\$70,000	\$0	\$0	\$0	\$0	\$70,000

**Impact on Operations:** Once the roof has been repaired, it will no longer be necessary for staff set up water catchment lines and "drip" buckets under the locations of leaks.

Project Number:  
JL Key:  
Object: 5602  
District: 2

## Civic Center - Carpet and Reconfiguration

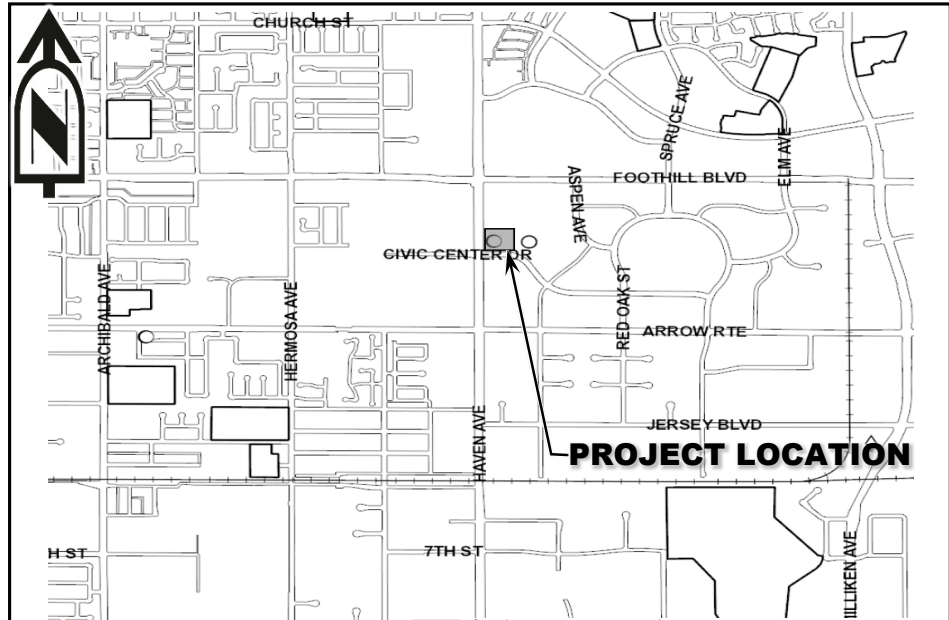
**Project Location:**  
Civic Center

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Neil Plummer



**Description:** Replacement of carpet in the upper level rotunda area and main staircase; reconfiguration of the Community Services Department's break and mail rooms; reconfiguration of the Communications Division's offices to accommodate key Department staff; and reconfiguration of the Finance Department's offices to accommodate the relocation of Special District's staff.

**Justification:** The existing carpet in the rotunda area was installed in 1990 and has reached the end of its useful life. The reconfiguration of the Finance Department and Communications Divisions offices will provide space for key staff members to be more efficiently located to better serve internal and external customers. Reconfiguration of the Community Services Department's break and mail rooms will create dedicated work and break spaces for staff.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$82,225	\$0	\$0	\$0	\$0	\$0	\$82,225
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$525,000	\$0	\$0	\$0	\$0	\$525,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$82,225	\$525,000	\$0	\$0	\$0	\$0	\$607,225

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$82,225	\$525,000	\$0	\$0	\$0	\$0	\$607,225
<b>Total Costs:</b>	\$82,225	\$525,000	\$0	\$0	\$0	\$0	\$607,225

**Impact on Operations:** Replacement of the carpet in the upper level rotunda will reduce maintenance required for this flooring. The reconfigurations will result in providing additional and more efficient spaces for key Department staff.

Project Number:  
JL Key: 1894  
Object: 5650  
District: 3

## Cultural Center - Courtyard Redesign

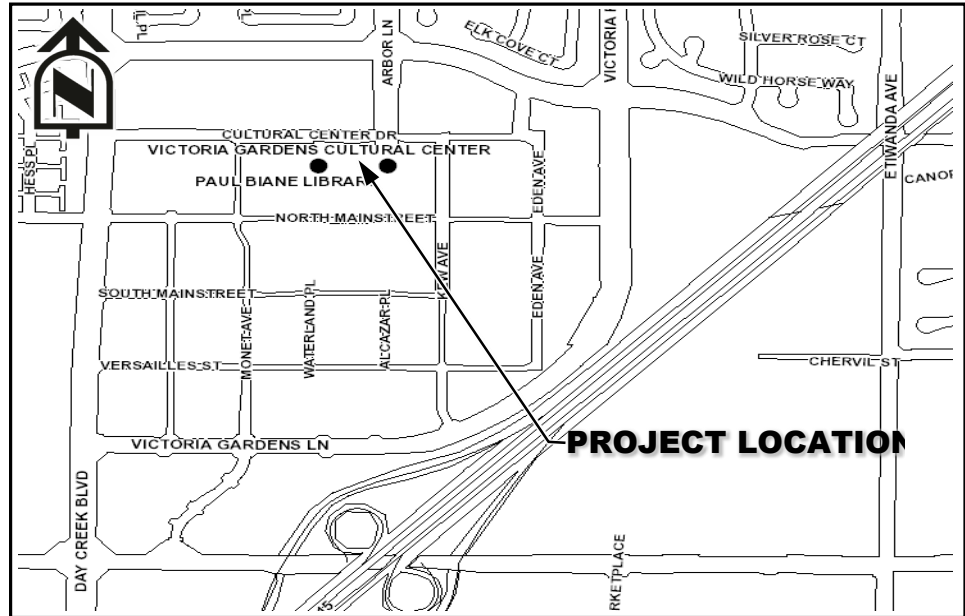
**Project Location:**  
12505 Cultural Center Drive

**Est. Const. Start/End:**  
07/2020 - 01/2021

**Project Status:**  
Design/Construction

**Department:**  
Community Services/Parks

**Project Manager:**  
Jennifer Hunt Gracia



**Description:** The Cultural Center - Courtyard Redesign project is intended to take a primarily passive, outdoor space with little shade or seating areas and redesign it to encourage greater pedestrian access and use. Amenities will include shade and lighting as well as a permanent outdoor stage to facilitate outdoor events, concerts and rentals as well as improvements to spectator comfort. Improvements will also include repainting of the Cultural Center as well as possible relocation of the box office and Friends of the Library Bookstore.

**Justification:** The improvements will reduce staff time for set up and take down, and improve flow and continuity with the rest of Victoria Gardens. Relocation of the box office will increase visibility, and relocation of the Friends of the Library Bookstore will improve visibility and customer access. The redesign project will open up new opportunities for rentals and increase ticket sales at the Lewis Family Playhouse.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
Design/Plan Review	\$384,580	\$15,000	\$0	\$0	\$0	\$0	\$399,580
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$409,580	\$15,000	\$3,000,000	\$0	\$0	\$0	\$3,424,580

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$409,580	\$15,000	\$0	\$0	\$0	\$0	\$424,580
Unknown	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
<b>Total Costs:</b>	\$409,580	\$15,000	\$3,000,000	\$0	\$0	\$0	\$3,424,580

**Impact on Operations:** This project may require a change in the type and frequency of maintenance as well as increasing landscape and irrigation. It will also reduce existing time for set up and take down of equipment for special events.



Project Number:  
JL Key: 1995  
Object: 5650  
District: 4

## Fire District - East Avenue Station 176 Perimeter Wall Completion

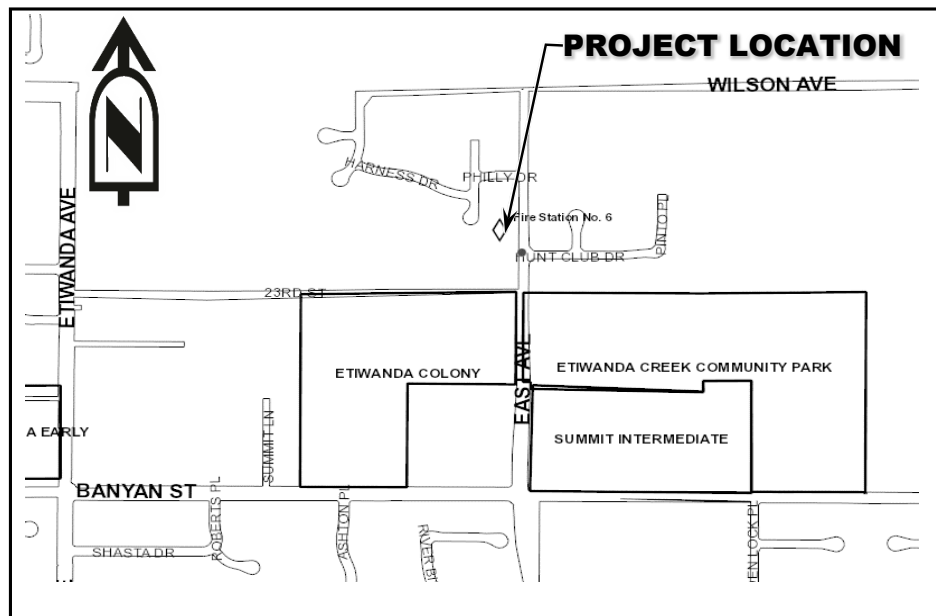
**Project Location:**  
East Avenue Fire Station (176),  
5840 East Avenue

**Est. Construction Start/End:**  
01/2020 - 06/2020

**Project Status:**  
Engineering Design

**Department:**  
Fire Protection District

**Project Manager:**  
DC Mike McCliman/Pam Nibert



**Description:** Complete the masonry retaining block wall in the rear of the East Avenue Fire Station (176) and build a stationary sand pit.

**Justification:** When the Fire Protection District purchased the property for the East Avenue Station, the purchase and sale agreement allowed for an access easement was created so the previous owner could access the remainder property. Until the property was developed and the cul-de-sac was accepted by the City, the Fire District could not complete the wall.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Fire Capital Projects (288)	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total Costs:</b>	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000

**Impact on Operations:** None

Project Number:  
 JL Key: 1733  
 Object: 5600/5650  
 District: 1

## Fire District - Public Safety Facility

### Project Location:

At the northwest corner of San Bernardino Road and Vineyard Avenue

**Est. Construction Start/End:**  
 2018/19 - 2020/21

**Project Status:**  
 Construction Bidding Phase

**Department:**  
 Fire Protection District

**Project Manager:**  
 DC Mike McCliman/Pam Nibert



**Description:** New Public Safety Facility, to include the relocation of the San Bernardino Road Fire Station (172) and a police substation. Property has already been acquired, design completed and bidding underway.

**Justification:** To provide a Public Safety Facility on the west side of the city, to include a fully functioning substation for the Rancho Cucamonga Police Department and to rebuild and relocate a 50+ yr old fire station.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$1,561,030	\$0	\$0	\$0	\$0	\$0	\$1,561,030
Land Acquisition	\$2,596,420	\$0	\$0	\$0	\$0	\$0	\$2,596,420
Construction	\$14,901,460	\$0	\$0	\$0	\$0	\$0	\$14,901,460
Inspection & Administration	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$300,000
Construction Management	\$1,437,790	\$0	\$0	\$0	\$0	\$0	\$1,437,790
<b>Total Costs:</b>	<b>\$20,646,700</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,796,700</b>

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Fire Capital Projects (288)	\$17,046,700	\$150,000	\$0	\$0	\$0	\$0	\$17,196,700
Law Enforcement Reserve (017)	\$3,600,000	\$0	\$0	\$0	\$0	\$0	\$3,600,000
<b>Total Costs:</b>	<b>\$20,646,700</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,796,700</b>

**Impact on Operations:** No additional personnel costs - current San Bernardino Station personnel will move to the new location when complete. Complete building design and size will increase operation and maintenance costs, but greater efficiency in building mechanical equipment will be designed into the project.

Project Number:  
 JL Key: 1645  
 Object: 5600/5650  
 District: 3

## Fire District - Town Center Station 178

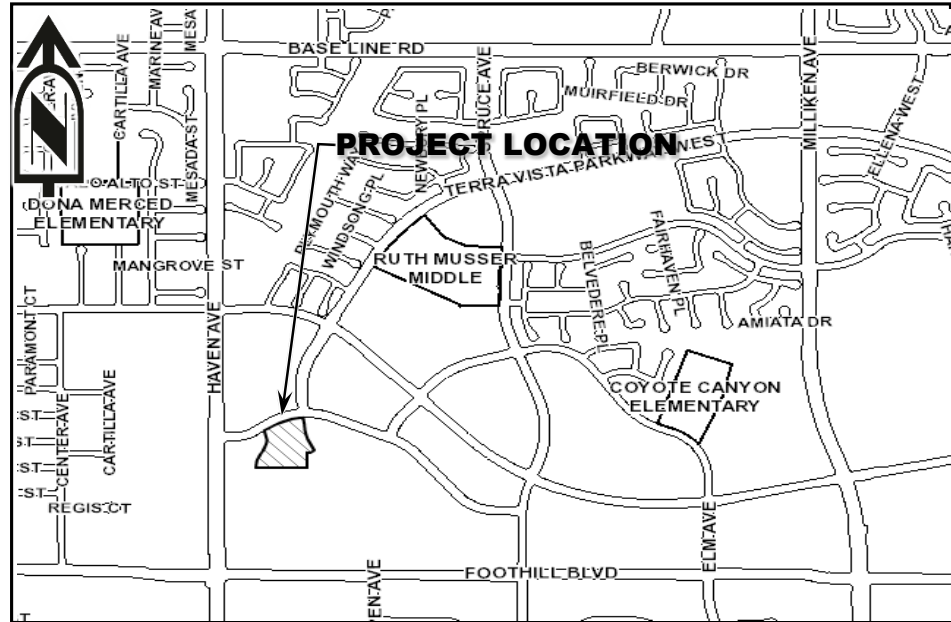
**Project Location:**  
 South Side of Town Center Drive,  
 E/O Haven Avenue

**Est. Construction Start/End:**  
 Unknown

**Project Status:**  
 Property Purchased

**Department:**  
 Fire Protection District

**Project Manager:**  
 Chief Ivan Rojer/Pamela Nibert



**Description:** Property acquired for a future fire station.

**Justification:** This station will serve the center of the Rancho Cucamonga community. It will provide the area with emergency services for fire suppression and life safety. The project will begin when the population and call volume trigger the need.

### Project Cost Estimate (\$):

Expenditure/Category	Prior Years	2019/20	2020/21	2021/22	2022/23	TBD	TOTAL
Environmental/NPDES	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$3,320,000	\$0	\$0	\$0	\$0	\$0	\$3,320,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$3,320,000	\$75,000	\$0	\$0	\$0	\$0	\$3,395,000

### Project Funding:

Funding Source	Prior Years	2019/20	2020/21	2021/22	2022/23	TBD	TOTAL
Fire Capital Projects (288)	\$3,320,000	\$75,000	\$0	\$0	\$0	\$0	\$3,395,000
<b>Total Costs:</b>	\$3,320,000	\$75,000	\$0	\$0	\$0	\$0	\$3,395,000

**Impact on Operations:** Annual station operation and maintenance costs will depend on the station size and staffing costs at the time of construction. Designs with greater active/passive energy conservation and greater xeriscape will cost less to operate and maintain. Capital equipment purchase of a fire engine.

Project Number:  
 JL Key:  
 Object: 5607  
 District: 4

## Fire District - Water Conservation Landscaping, Parking Lot ADA Compliance and Emergency Vehicle Circulation Driveway Improvements Station 175

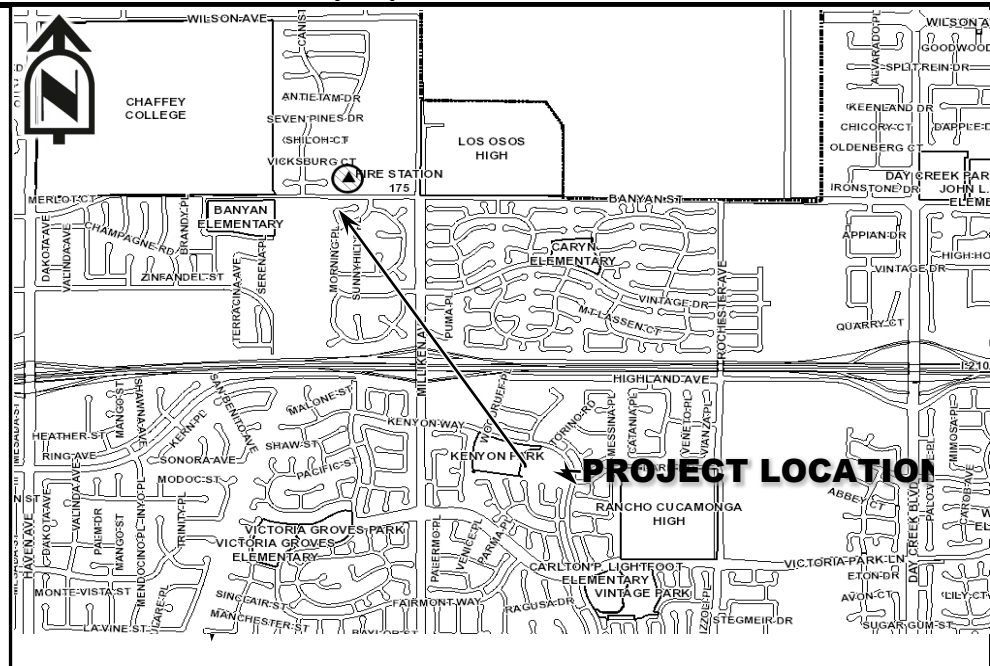
**Project Location:**  
 Banyan Fire Station (175), 11108  
 Banyan Street

**Est. Construction Start/End:**  
 01/2020 - 06/2020

**Project Status:**  
 Design

**Department:**  
 Fire Protection District

**Project Manager:**  
 Michael Courtney/  
 Michelle Cowles



**Description:** Removal of high water use turf and replace with drought tolerant landscape plant materials with drip system retrofit. This includes parking lot ADA compliance, hardscape improvements for emergency vehicle driveway circulation and parking.

**Justification:** Proactive measures to reduce water consumption and ADA Compliance.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$166,350	\$0	\$0	\$0	\$0	\$0	\$166,350
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$15,760	\$1,100,000	\$0	\$0	\$0		\$1,115,760
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	<b>\$182,110</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,282,110</b>

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>TBD</u>	<u>TOTAL</u>
Fire Capital Fund (288)	\$182,110	\$1,100,000	\$0	\$0	\$0	\$0	\$1,282,110
<b>Total Costs:</b>	<b>\$182,110</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,282,110</b>

**Impact on Operations:** Decrease in maintenance and operations costs. Will not know the full impact until we have final design.

Project Number:  
 JL Key:  
 Object: 5602  
 District: 2

## LoanMart Stadium - Seating Area Concrete Sealing

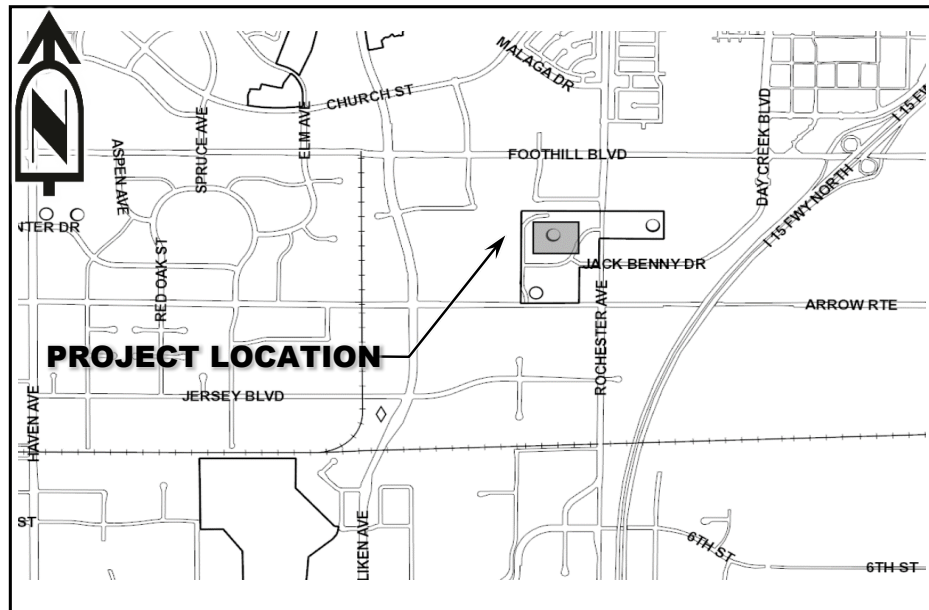
**Project Location:**  
 Sports Complex, LoanMart Stadium

**Est. Construction Start/End:**  
 July 2019 – June 2020

**Project Status:**  
 Design

**Department:**  
 PWSD

**Project Manager:**  
 Andy Miller



**Description:** Design re-seal of seams and expansion joints around the "bowl" seating area of the stadium.

**Justification:** The seams and expansion joints were sealed about 10 years ago. Since then, the seams and expansion joints have deteriorated and need to be re-sealed. Water (either from rains or from the washing down of the seating areas after games) leaks into all the locker rooms, the team store, the concession areas and any other room situated below the "bowl" seating. The lockers (including new carpeting installed last season), store merchandise, concession equipment, etc. are at risk of being damaged by the leaking water.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Sports Complex (700)	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
<b>Total Costs:</b>	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000

**Impact on Operations:** Once the seams and expansion joints have been re-sealed, staff will no longer have to spend time cleaning up after the leaks.

Project Number:  
 JL Key:  
 Object: 5300 / 5304  
 District: 2

## Metrolink Station - Improvements

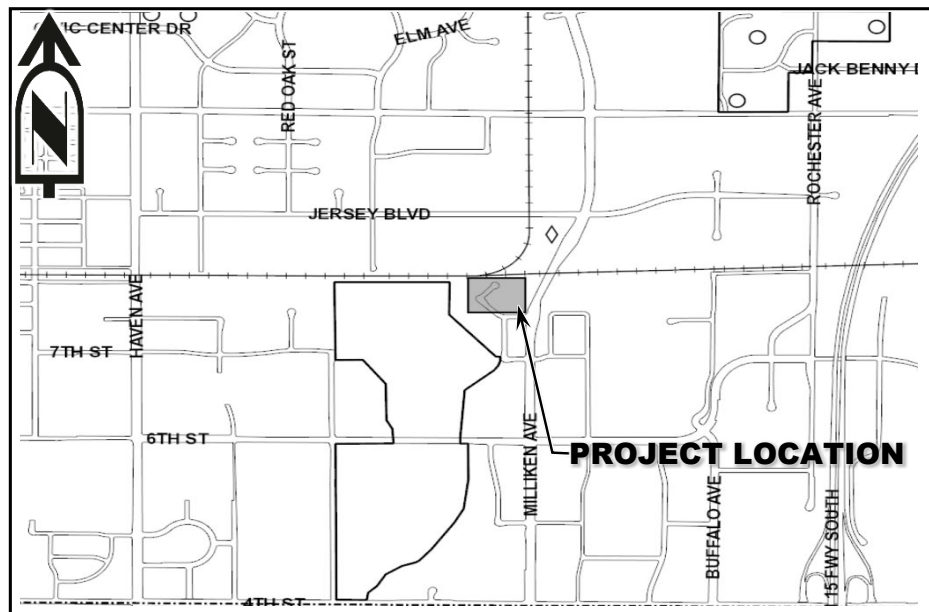
**Project Location:**  
 Metrolink Station

**Est. Construction Start/End:**  
 July 2019 – June 2020

**Project Status:**  
 Design/Construction

**Department:**  
 PWSD

**Project Manager:**  
 Neil Plummer



**Description:** Paint all seven (7) shade canopies at Metrolink Station. Slurry seal and restripe both Metrolink Station parking lots.

**Justification:** Four (4) of the canopies have not been painted since the Metrolink Station opened in 1994. The other three (3) canopies were painted when the tunnel was constructed in 2009. The pavement in the parking lots are original asphalt. Painting the canopies and slurry sealing both parking lots are a proactive way to protect these structures and parking lots from environmental exposure and to economically extend their service life.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$4,000	\$0	\$0	\$0	\$0	\$4,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$204,000	\$0	\$0	\$0	\$0	\$204,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 3B (133)	\$0	\$204,000	\$0	\$0	\$0	\$0	\$204,000
<b>Total Costs:</b>	\$0	\$204,000	\$0	\$0	\$0	\$0	\$204,000

**Impact on Operations:** Staff will no longer need to periodically scrape flakes and paint chips from the canopies to prevent the paint flakes and paint chips from falling on persons at the Metrolink Station.

Project Number:  
JL Key: 1867  
Object: 5650  
District: 3

## Paul A. Biane Library - Second Story Project

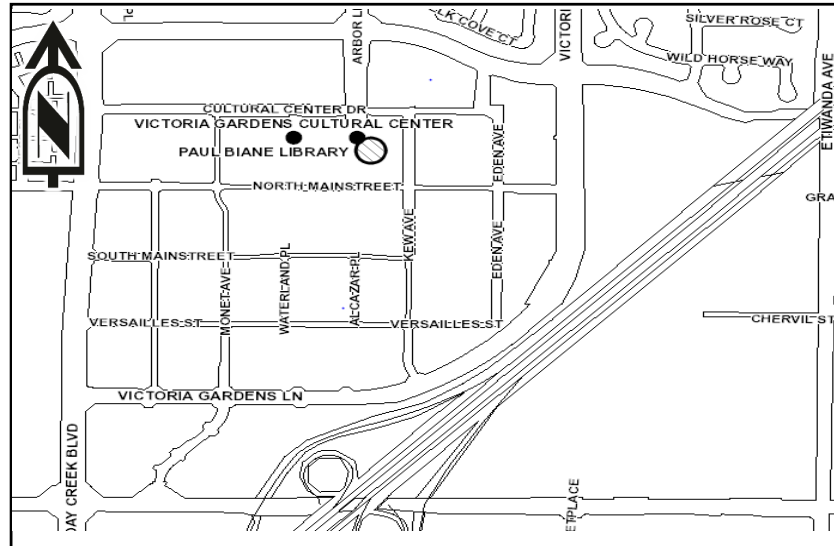
**Project Location:**  
12505 Cultural Center Drive

**Est. Construction Start/End:**  
Fall 2019 / Fall 2022

**Project Status:**  
Installation

**Department:**  
Library

**Project Manager:**  
Brian Sternberg



**Description:** Second Story and Beyond will be an interactive discovery space offering museum style exhibits and new types of learning experiences to people of all ages. In FY 19/20, it is projected that initial design of exhibits will begin, along with upgrades to lighting, flooring and sound attenuation to reduce noise between the first and second floor of the building. In FY 20/21, it is anticipated that exhibit design will be completed and fabrication of exhibits will begin. In FY 21/22 fabrication and installation of exhibits is expected to be completed.

**Justification:** Demand for library services in the community continues to increase, particularly for children ages 0-7 and their families. Second Story and Beyond is being designed to provide a new, unique service model that will combine the features of interactive children's museum exhibits with traditional library services. Second Story and Beyond should also be a regional draw that will provide additional visitors to both the Victoria Gardens Shopping District and the Lewis Family Playhouse.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$250,000	\$75,000	\$500,000	\$175,000	\$0	\$0	\$1,000,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,400,000	\$500,000 *	\$2,000,000	\$1,000,000	\$0	\$0	\$5,900,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	<b>\$2,650,000</b>	<b>\$575,000</b>	<b>\$2,500,000</b>	<b>\$1,175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,900,000</b>

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Library Capital Fund (329)	\$2,650,000	\$75,000	\$425,000	\$0	\$0	\$0	\$3,150,000
Library Foundation (290)	\$0	\$500,000	\$500,000	\$500,000	\$0	\$0	\$1,500,000
Capital Reserve Fund (025)	\$0	\$0	\$1,575,000	\$675,000	\$0	\$0	\$2,250,000
<b>Total Costs:</b>	<b>\$2,650,000</b>	<b>\$575,000</b>	<b>\$2,500,000</b>	<b>\$1,175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,900,000</b>

**Impact on Operations:** 2017 feasibility study projects an approximate \$655,000 per year cost for operations and maintenance. The project is designed to be revenue-generating.

\*This is not actual construction/initial renovation it is fabrication/installation of museum pieces.

Project Number:  
JL Key: 1927  
Object: 5650  
District: 2

## Public Works Services Department - Warehouse Expansion

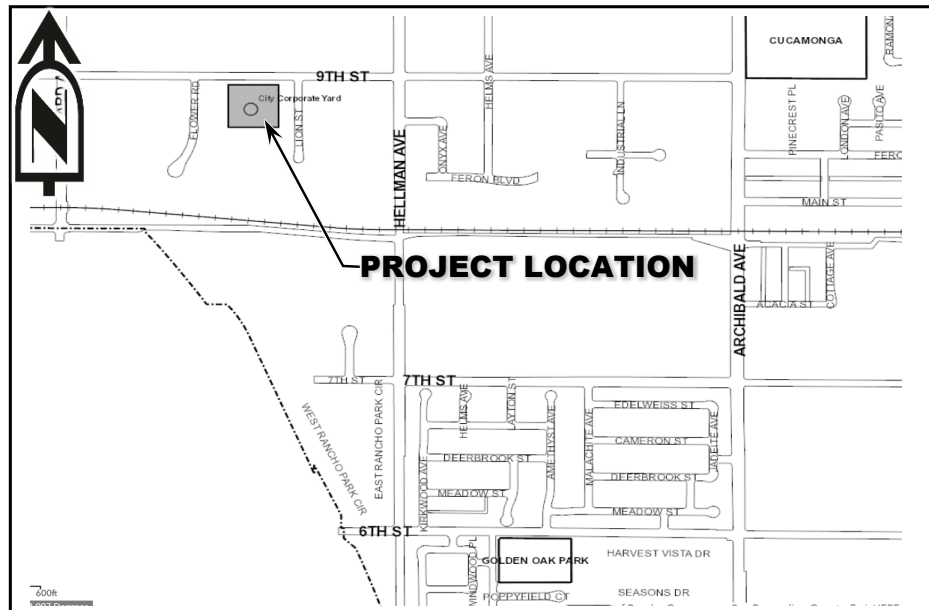
**Project Location:**  
Public Works Services Center

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Neil Plummer



**Description:** Construct second warehouse similar, in size, to the original warehouse. Notable difference is the at the second warehouse will have solar panels on the roof.

**Justification:** Project funding was carried over from FY 18/19. The original warehouse has reached capacity. Public Works equipment and supplies must be stored in cargo containers. Staff has had to operate equipment within the containers (using extension cords for power). Likewise, even locked, these containers are not very secure (they have been broken into numerous times). As an added bonus, the second warehouse will allow for additional storage for other City departments.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$157,040	\$0	\$0	\$0	\$0	\$0	\$157,040
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$1,900,000	\$0	\$0	\$0	\$0	\$1,900,000
Inspection & Administration	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Contingency	\$0	\$190,000	\$0	\$0	\$0	\$0	\$190,000
<b>Total Costs:</b>	\$157,040	\$2,140,000	\$0	\$0	\$0	\$0	\$2,297,040

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$157,040	\$2,140,000	\$0	\$0	\$0	\$0	\$2,297,040
<b>Total Costs:</b>	\$157,040	\$2,140,000	\$0	\$0	\$0	\$0	\$2,297,040

**Impact on Operations:** A second warehouse would put equipment and supplies (currently scattered among multiple containers) into a centralized location.

Project Number:  
JL Key:  
Object: 5607  
District: 2

## R.C. Sports Center - Compressed Natural Gas Station

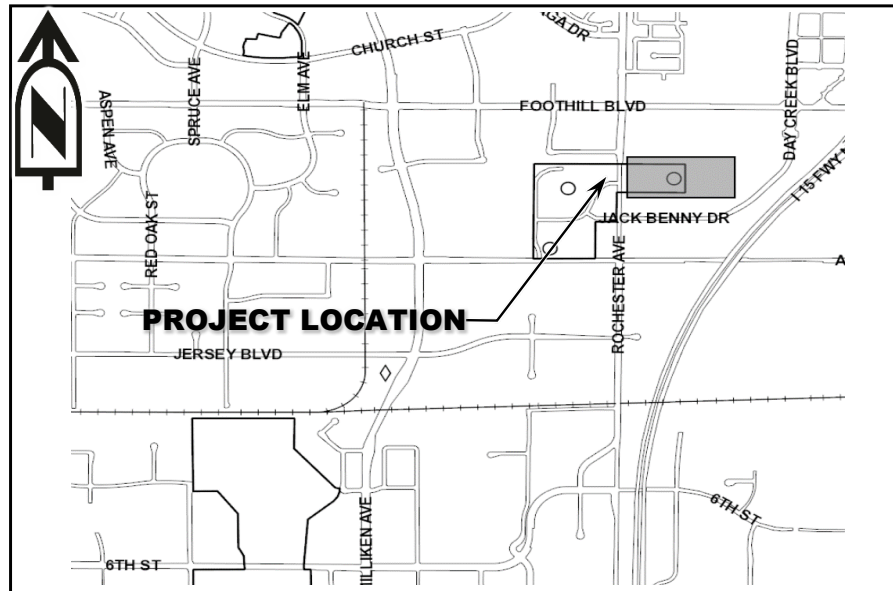
**Project Location:**  
Sports Center

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Ernie Ruiz



**Description:** Install new Compressed Natural Gas (CNG) Pump System at the Sports Center. The system will consist of a compressor, storage tank(s) and both slow & fast fill dispensers.

**Justification:** This new CNG station will allow Community Services & on-site Facilities staff to refuel their CNG vehicles at the RC Sports Centers. Presently, CSD & on-site Facilities staff must fill their vehicles at the City Yard. This project will also provide for disaster resilience.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
AB 2766 Air Qual Imprv Fund (105)	\$0	\$160,000	\$0	\$0	\$0	\$0	\$160,000
Fire Capital Projects (288)	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
<b>Total Costs:</b>	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

**Impact on Operations:** A specialized CNG compliance company must be hired to maintain/repair the new CNG station.

# Miscellaneous



Miscellaneous projects are the capital undertakings that do not qualify for classification into the other project categories. These are often one-time projects that are prompted by factors such as:

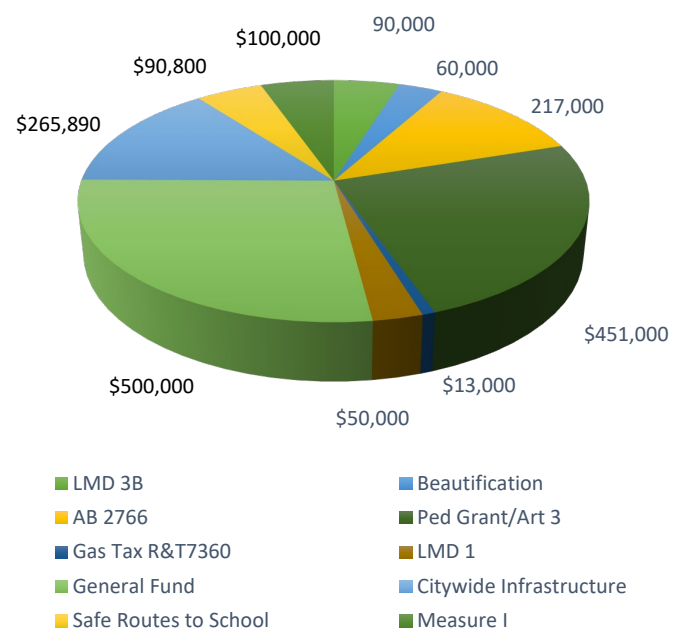
- State or Federal Mandates
- Community Health and Safety Issues
- Council Goals and Priorities
- Regional Needs Assessments
- Interagency Agreements
- External Funding Arrangements

These projects may or may not have maintenance obligations and they are typically funded from a variety of special funding sources; they are rarely funded via the General Fund.

## Project List & FY 2019-20 Expenditures

1	6th St Cycle Track & Milliken Bike Lane	\$	170,690
2	9th St n/side w/o Vineyard-Sidewalk Improv	\$	186,000
3	Barrier Rplcmt @ Flood Control Entrance/Exit	\$	60,000
4	Citywide Concrete Repair	\$	600,000
5	Day Creek Chnnl Bike Trail; Jack Benny-Base Line	\$	620,000
6	LMD 4R-Wrought Iron Fencing	\$	385,000
7	Milliken Ave Underpass-Sidewalk Expansion	\$	90,000
8	PE Trail-Sinkhole	\$	50,000
9	Sidewalk Improvements for Bus Stops	\$	61,000
10	Southeast Corner Fthll Blvd and Etiwanda - Sidewalk Survey	\$	7,200
		<u>\$</u>	<u>2,229,890</u>

## Sources of Funding for FY 2019-20



Project Number:  
JL Key: 2005  
Object: 5650  
District: 2

## 6th Street Cycle Track (ATP Cycle 4 - SBCTA)

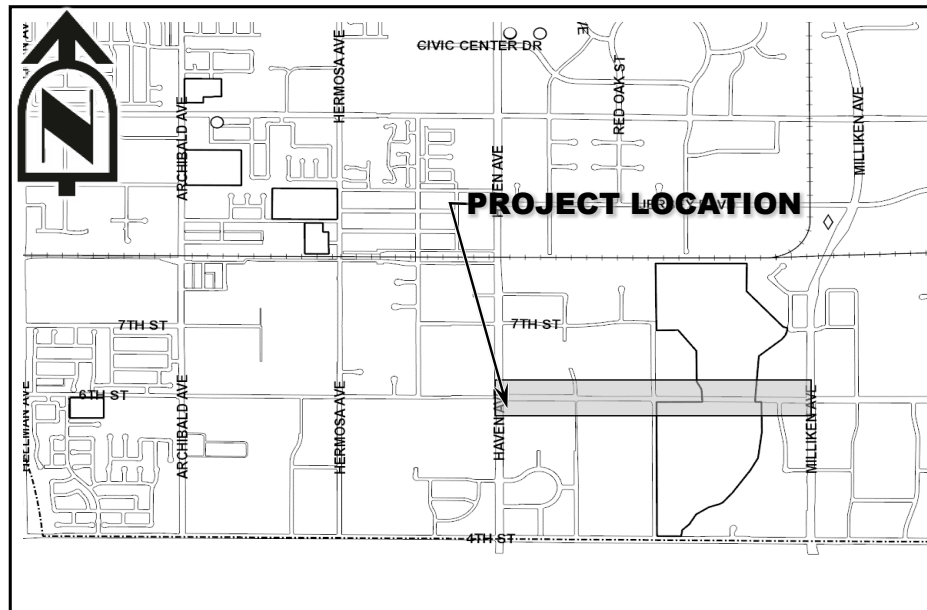
**Project Location:**  
6th Street between Milliken Avenue  
and Haven Avenue

**Est. Construction Start/End:**  
06/2021 - 09/2021

**Project Status:**  
Funding Allocation/Pre-Design

**Department:**  
Engineering

**Project Manager:**  
Gianfranco Laurie



**Description:** This project will construct a Class IV protected bike lane on 6th Street improving accessibility to the RC Metrolink Station.

**Justification:** ATP Cycle 4 Grant funded project in partnership with SBCTA. Will provide high-quality bicycle infrastructure to connect southwest Cucamonga to southeast Cucamonga along the 6th Street corridor and will provide increased accessibility to the RC Metrolink Station.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$170,690	\$170,690	\$0	\$0	\$0	\$341,380
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$170,690	\$170,690	\$0	\$0	\$0	\$341,380

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Infrastructure Fund (198) *	\$0	\$170,690	\$170,690	\$0	\$0	\$0	\$341,380
<b>Total Costs:</b>	\$0	\$170,690	\$170,690	\$0	\$0	\$0	\$341,380

**Impact on Operations:** New type of infrastructure on street that may require creative street sweeping to keep free of debris.

\* Local Match @ 20%

## 9th Street North Side 900'to 200' West of Vineyard Avenue- Sidewalk Improvements

**Project Location:**

900 feet of sidewalk improvements on the north side of 9th Street from 200 feet west of Vineyard Avenue to 1100 feet west of Vineyard Avenue

**Est. Construction Start/End:**

06/2019 - 07/2019

**Project Status:**

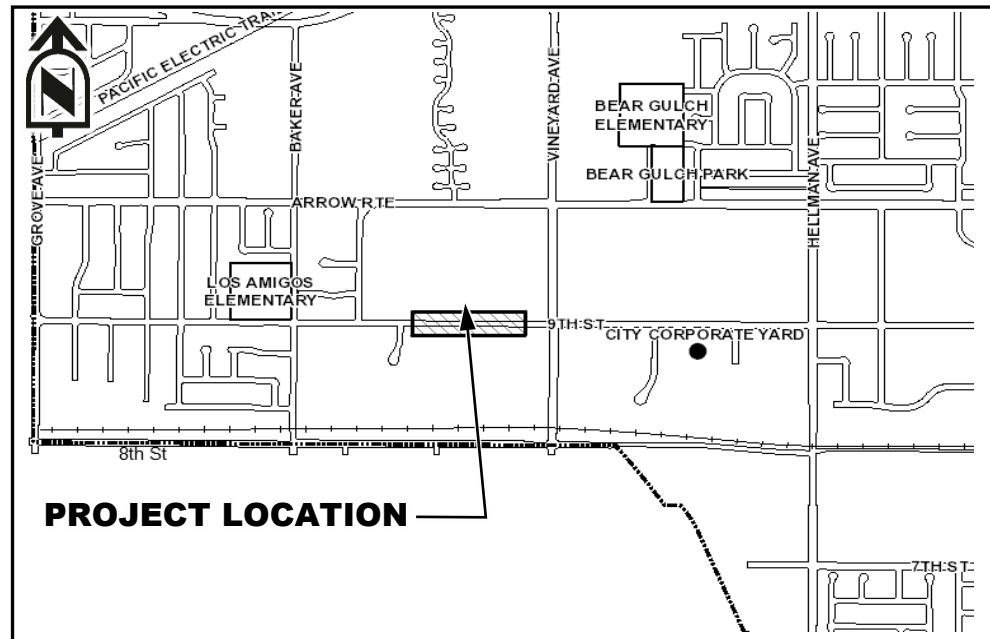
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings



**Description:** Project to construct 900' of sidewalk on the north side of 9th Street.

**Justification:** To provide students a safe and direct route walking to and from school. The goal of this project is to reduce the need for bus services and benefits will be measured by student surveys taken both before and after the project. The City was awarded a federal Safe Routes To School grant to fund 50% of the project construction costs.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$7,850	\$0	\$0	\$0	\$0	\$0	\$7,850
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$140,000	\$0	\$0	\$0	\$0	\$140,000
Inspection & Administration	\$0	\$32,000	\$0	\$0	\$0	\$0	\$32,000
Contingency	\$0	\$14,000	\$0	\$0	\$0	\$0	\$14,000
<b>Total Costs:</b>	\$7,850	\$186,000	\$0	\$0	\$0	\$0	\$193,850

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Citywide Infrastructure (198)	\$7,850	\$95,200	\$0	\$0	\$0	\$0	\$103,050
Safe Route School Fund (234)	\$0	\$90,800	\$0	\$0	\$0	\$0	\$90,800
<b>Total Costs:</b>	\$7,850	\$186,000	\$0	\$0	\$0	\$0	\$193,850

**Impact on Operations:** Reduction in parkway maintenance costs.

## Barrier Replacements @ Flood Control Entrance/Exit

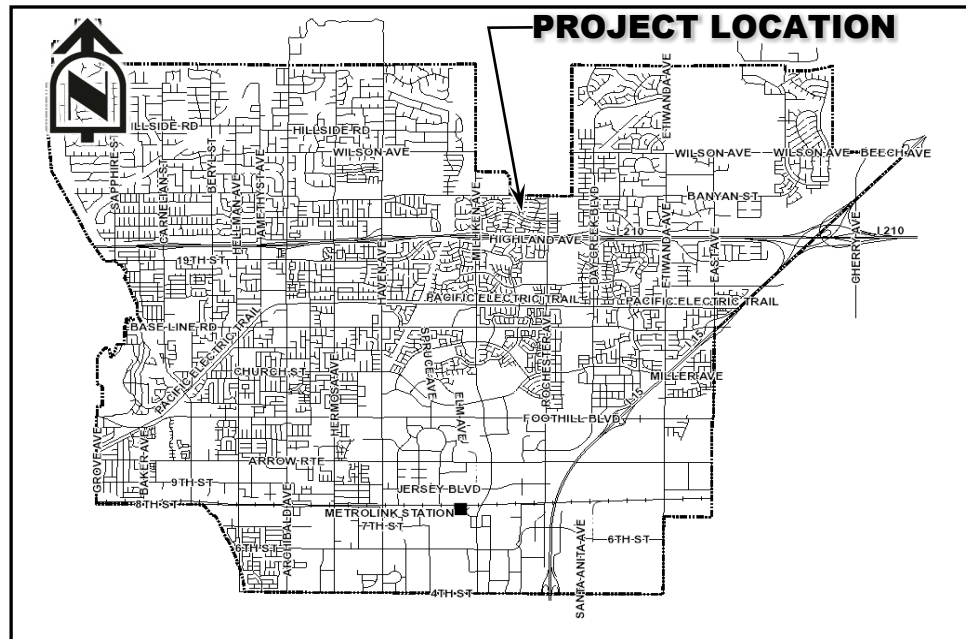
**Project Location:**  
 Citywide

**Est. Construction Start/End:**  
 07/2019 – 06/2020

**Project Status:**  
 Construction

**Department:**  
 Engineering

**Project Manager:**  
 Gianfranco Laurie



**Description:** Replace existing wood barriers at Flood Control entrance/exits with other barriers (Material/Spacing)

**Justification:** Existing wood barriers are closely spaced making it difficult for cyclist to enter/exit trail.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Inspection & Administration	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Contingency	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
<b>Total Costs:</b>	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Beautification Fund (110)	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
<b>Total Costs:</b>	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000

**Impact on Operations:** Less routine maintenance, thus freeing up maintenance crews to attend to other needed areas.

Project Number:  
 JL Key: 1991  
 Object: 5650  
 District: 3, 4

## Citywide Concrete Repair

### Project Location:

Windrows area off South Windrows Loop and area bound by 210 Freeway to north, Haven Avenue to west, Base Line Road to south and Deer Creek Channel to east.

### Est. Construction Start/End:

July 2019 – June 2020

### Project Status:

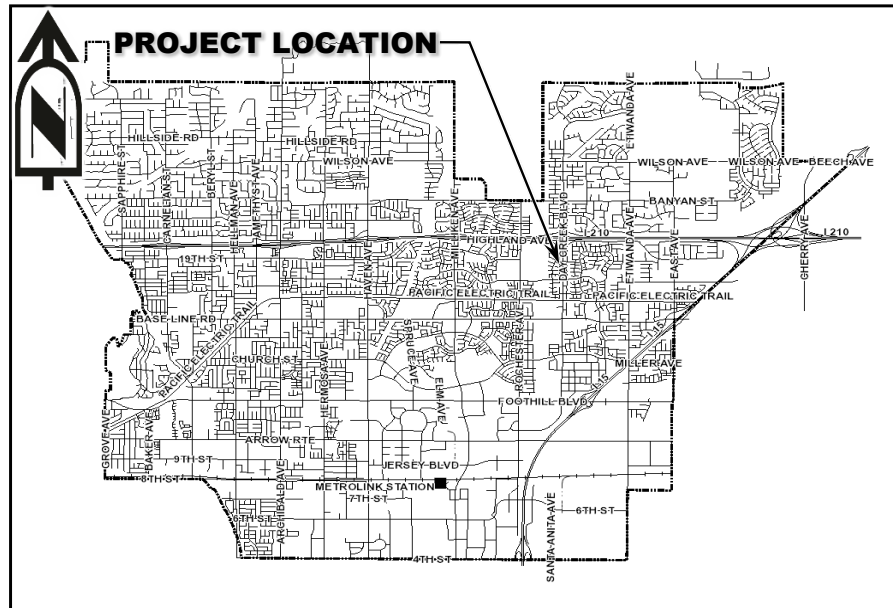
Design/Construction

### Department:

PWSD

### Project Manager:

Ernie Ruiz



### Description:

Repair sections of concrete sidewalks, curb/gutters and drive approaches damaged by tree roots, etc. in the public right-of-way. Protection of the existing urban forest is intended. However, when the situation calls for it, some trees will have to be removed. General concrete repairs are also funded from other funding sources.

### Justification:

The damaged sections of concrete sidewalks, curb/gutters and drive approaches are a potential public safety hazard

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$600,000	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,600,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$600,000	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,600,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
General Fund (001)	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$1,000,000
Measure I (177)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
<b>Total Costs:</b>	\$600,000	\$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,600,000

### Impact on Operations:

Once the permanent repairs have been installed, PW staff will no longer need to make temporary repairs to the damaged concrete sidewalks, curb/gutters and drive approaches.

Project Number:  
 JL Key: 2014  
 Object: 5650  
 District: 2, 3

## Day Creek Channel Bike Trail from Jack Benny Drive to Base Line Road

### Project Location:

Day Creek Channel from Jack Benny Drive to Base line Road

### Est. Construction Start/End:

04/2020 – 06/2020

### Project Status:

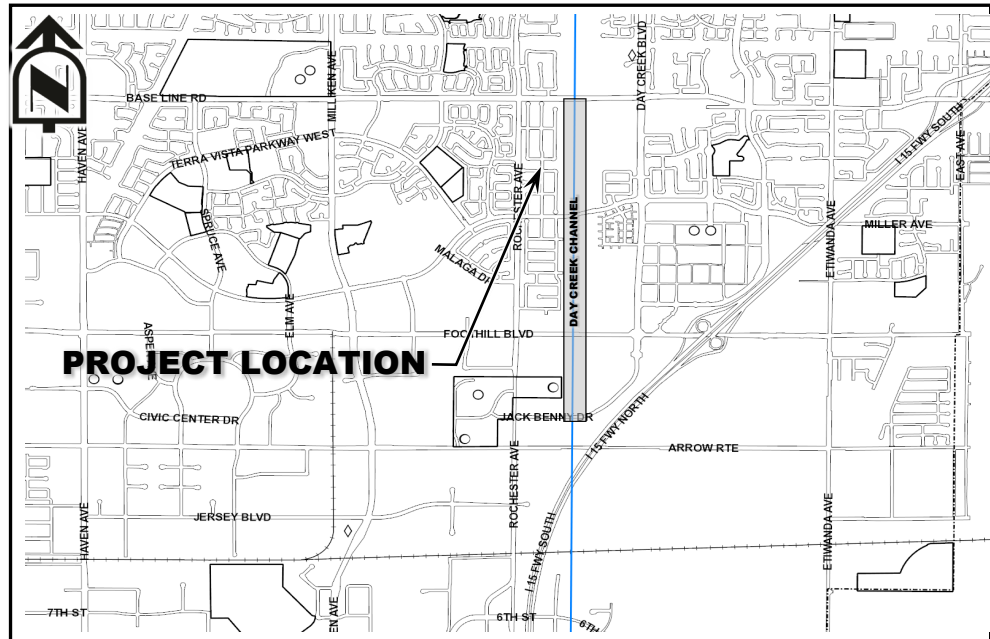
Design/Construction

### Department:

Engineering

### Project Manager:

Curt Billings



### Description:

This project will provide a paved pathway for pedestrian and bicycle access along existing Flood Control access roads with a connection to the Rancho Cucamonga Sports Complex across SCE right of way.

### Justification:

Enhances quality of life by providing a designated path for walking, biking and rolling for both recreation and commuting purposes.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$519,000	\$0	\$0	\$0	\$0	\$519,000
Inspection & Administration	\$0	\$49,000	\$0	\$0	\$0	\$0	\$49,000
Contingency	\$0	\$52,000	\$0	\$0	\$0	\$0	\$52,000
<b>Total Costs:</b>	\$0	\$620,000	\$0	\$0	\$0	\$0	\$620,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Ped Grant/Art3 Fund (214) *	\$0	\$403,000	\$0	\$0	\$0	\$0	\$403,000
AB 2766 Air Qual Imprv Fund (105)	\$0	\$217,000	\$0	\$0	\$0	\$0	\$217,000
<b>Total Costs:</b>	\$0	\$620,000	\$0	\$0	\$0	\$0	\$620,000

**Impact on Operations:** None.

\* Grant funding subject to project selection and award by SBCTA in 2019 call for projects.

Project Number:  
JL Key:  
Object: 5607  
District: 3

## LMD 4R - Wrought Iron Fencing

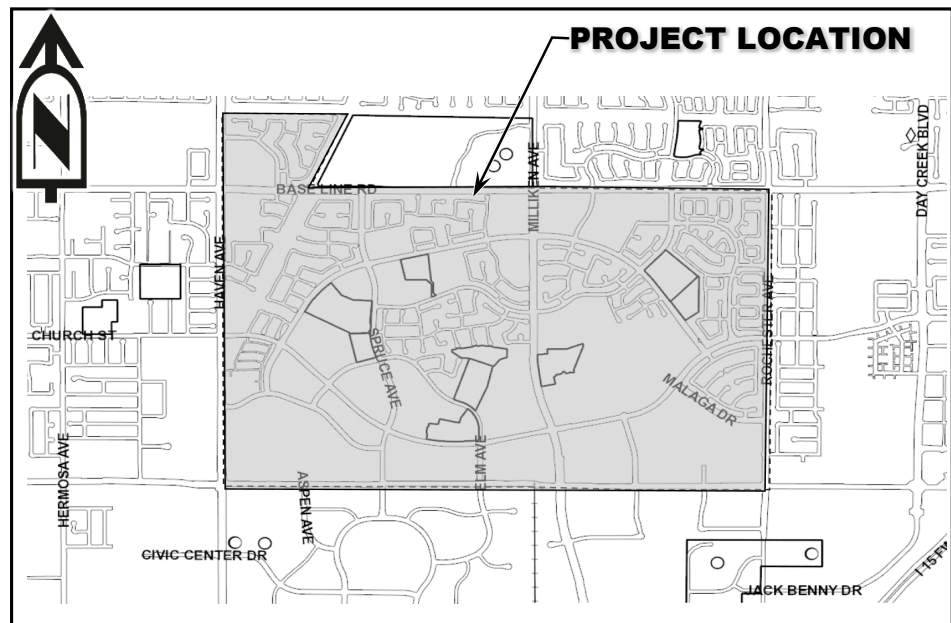
**Project Location:**  
LMD 4R

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Dean Rodia



**Description:** Remove or repair existing wrought iron fencing in paseos and access trails of LMD 4R.

**Justification:** Over the years, the existing wrought iron fencing has fallen into disrepair. Sections that can be repaired, will be. However, other sections that are too badly deteriorated, will have to be replaced.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
<b>Total Costs:</b>	\$0	\$385,000	\$0	\$0	\$0	\$0	\$385,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2021/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 4R (134)	\$0	\$385,000	\$0	\$0	\$0	\$0	\$385,000
<b>Total Costs:</b>	\$0	\$385,000	\$0	\$0	\$0	\$0	\$385,000

**Impact on Operations:** New wrought iron fencing will need significantly less maintenance.

Project Number:  
JL Key: 1977  
Object: 5650  
District: 2

## Milliken Avenue Underpass - Sidewalk Expansion

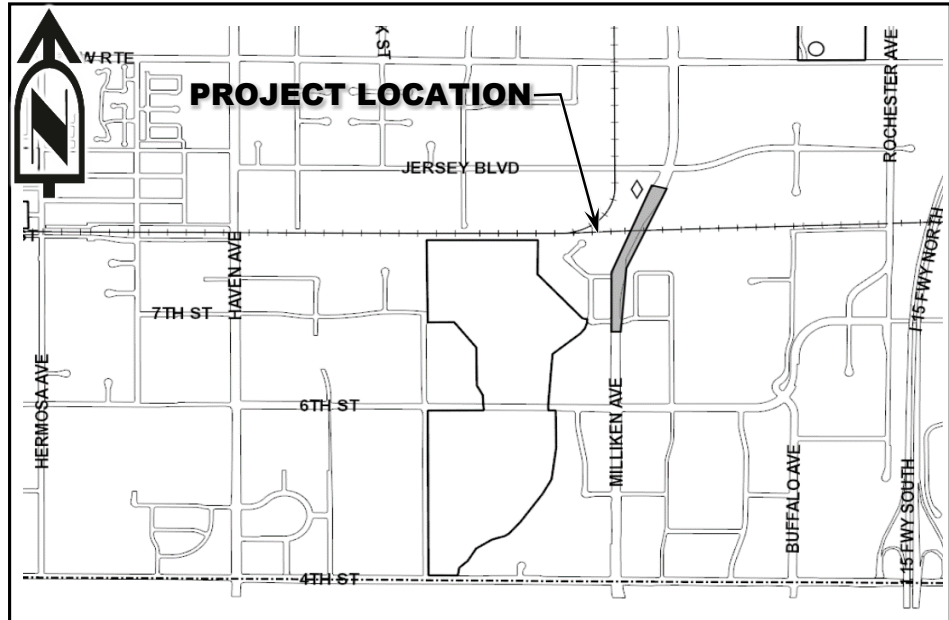
**Project Location:**  
Milliken Avenue Underpass E/O  
Metrolink Station

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Dean Rodia



**Description:** Re-design travel area between sidewalk and bridge abutment under the Milliken Avenue Underpass. The re-designed travel area will then be wide enough so that maintenance vehicles will be able to drive on the travel area.

**Justification:** Project funding was carried over from FY 18/19. The existing sidewalk is too narrow for a vehicle to drive on. This makes it very difficult and time consuming for staff to work at this site. This expansion will alleviate the need to either a delineate traffic lane or staff parking at the Metrolink Station then bringing everything back to do work on the east and west sides of Milliken Avenue.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$82,000	\$0	\$0	\$0	\$0	\$82,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$8,000	\$0	\$0	\$0	\$0	\$8,000
<b>Total Costs:</b>	\$0	\$90,000	\$0	\$0	\$0	\$0	\$90,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 3B (133)	\$0	\$90,000	\$0	\$0	\$0	\$0	\$90,000
<b>Total Costs:</b>	\$0	\$90,000	\$0	\$0	\$0	\$0	\$90,000

**Impact on Operations:** This project will create a safer operational environment for workers and the vehicles they use.

## Pacific Electric Trail - Drainage Improvements

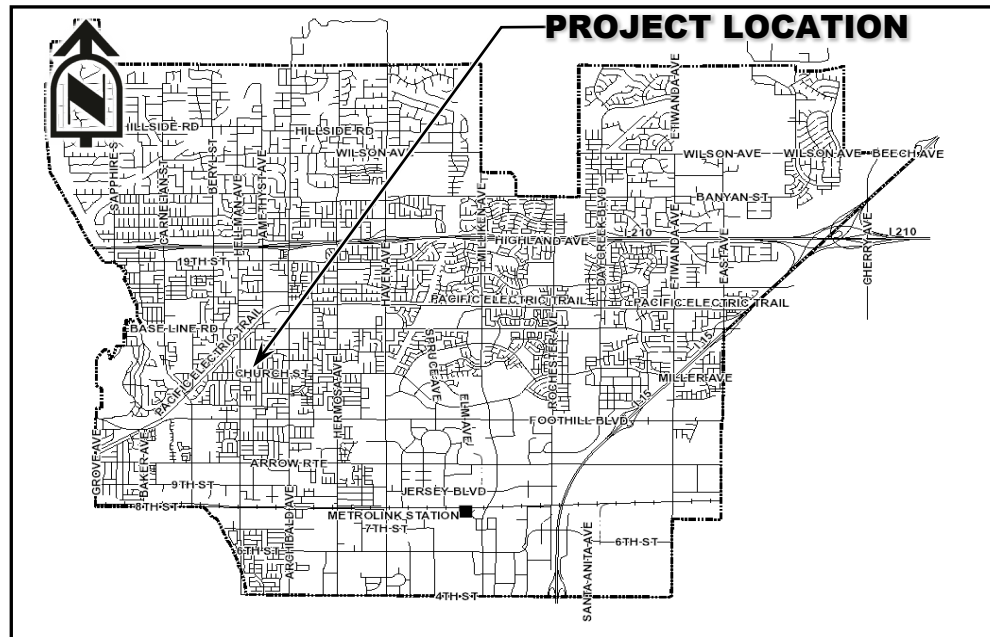
**Project Location:**  
 Pacific Electric Trail West of  
 Hellman Avenue

**Est. Construction Start/End:**  
 08/2019 - 09/2019

**Project Status:**  
 Design/Construction

**Department:**  
 Engineering

**Project Manager:**  
 Gianfranco Laurie



**Description:** Install Drainage Improvement to redirect storm water run-off into existing CMP riser located behind 7568 Pepper Street.

**Justification:** Dirt and mud spilling onto neighborhood streets causing access issues for homeowners entering/existing driveway, and additional maintenance to clean spillage.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
<b>Total Costs:</b>	\$15,000	\$50,000	\$0	\$0	\$0	\$0	\$65,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 1 Fund (130)	\$15,000	\$50,000	\$0	\$0	\$0	\$0	\$65,000
<b>Total Costs:</b>	\$15,000	\$50,000	\$0	\$0	\$0	\$0	\$65,000

**Impact on Operations:** Project will reduce maintenance costs, time and labor.

## Sidewalk Improvements for Bus Stops at Four Locations

**Project Location:**

Four locations throughout the City including two on Arrow Route, one on Milliken Avenue, and another on Church Street.

**Est. Construction Start/End:**

09/2019 - 10/2019

**Project Status:**

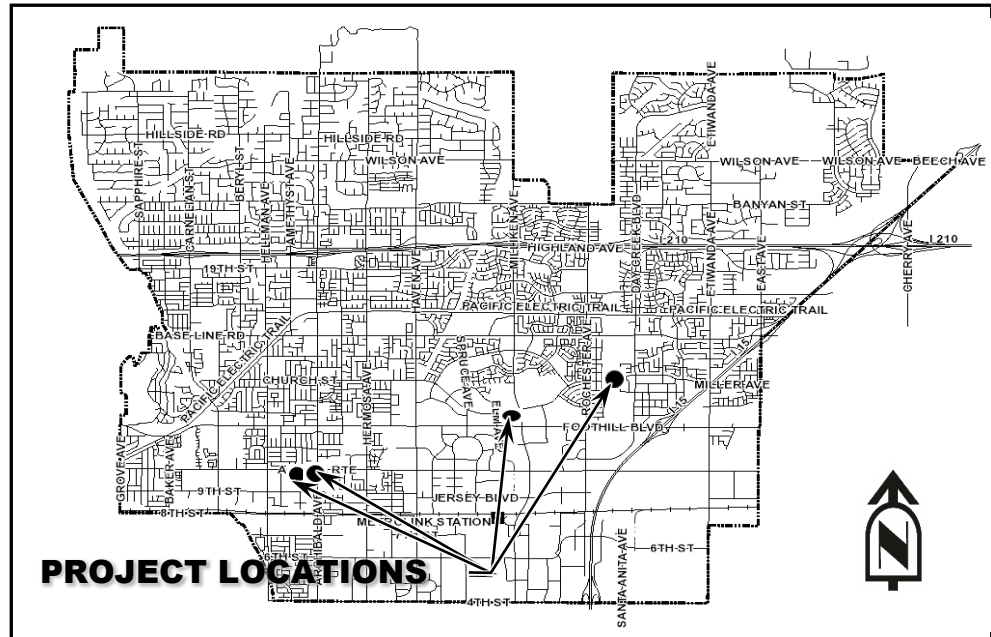
Design/Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings



**Description:** Constructs sidewalk improvement for bus stops at four locations throughout the City.

**Justification:** Provides ADA improvements to existing public transportation stops that are currently used by over 30 riders each day. The improvements may increase ADA ridership, and reduce vehicle trips and reduced CO2 emissions.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$53,000	\$0	\$0	\$0	\$0	\$53,000
Inspection & Administration	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
Contingency	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
<b>Total Costs:</b>	\$0	\$61,000	\$0	\$0	\$0	\$0	\$61,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax R&T 7360 Fund (174)	\$0	\$13,000	\$0	\$0	\$0	\$0	\$13,000
Ped Grant/Art3 Fund (214) *	\$0	\$48,000	\$0	\$0	\$0	\$0	\$48,000
<b>Total Costs:</b>	\$0	\$61,000	\$0	\$0	\$0	\$0	\$61,000

**Impact on Operations:** None

\* Grant funding subject to project selection and award by SBCTA n 2019 call for projects.

## Southeast Corner at Foothill Boulevard and Etiwanda Avenue - Sidewalk Survey

**Project Location:**

Cornwall Avenue Between Cul-de-Sac to Foothill Boulevard; Vine Street between Cul-de-Sac to Cornwall Avenue; Chestnut Avenue between Etiwanda Avenue to Cornwall Avenue; Ivy Avenue between Emmett Avenue to Cornwall Avenue; Morton Avenue between Chestnut Avenue to Cul-de-Sac; Emmett Avenue between Chestnut Avenue to Cul-de-Sac

**Est. Construction Start/End:**

TBD

**Project Status:**

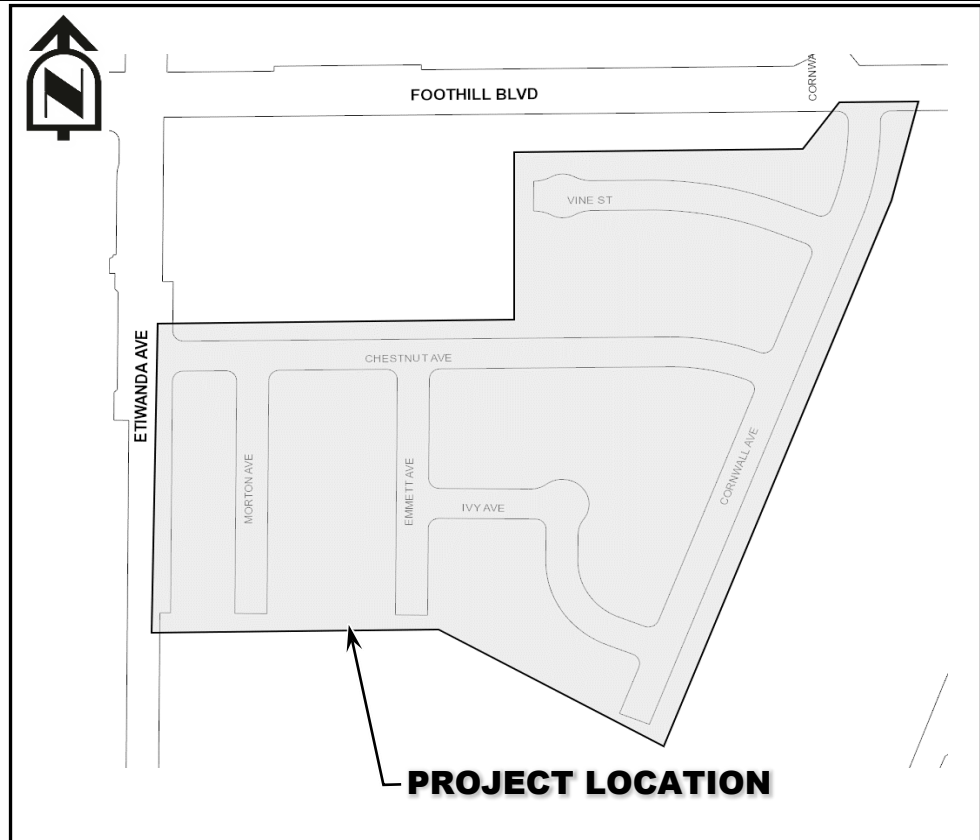
Survey

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project will survey residents living within Tract Boundary TR 4578 for installation of new sidewalk. Scope of work to include mailing survey ballots for each resident to assess the purpose and need of potential constructability of new sidewalk.

**Justification:**

Prioritize sidewalk installation based on responses received to construct future sidewalks to improve pedestrian safety.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/2023</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$7,200	\$0	\$0	\$0	\$0	\$7,200
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$7,200	\$0	\$0	\$0	\$1,500,000	\$1,507,200

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>TBD</u>	<u>TOTAL</u>
Community Dev Block Grant (204)	\$0	\$7,200	\$0	\$0	\$0	\$0	\$7,200
<b>Total Costs:</b>	\$0	\$7,200	\$0	\$0	\$0	\$0	\$7,200

**Impact on Operations:**

None

# Municipal Utility



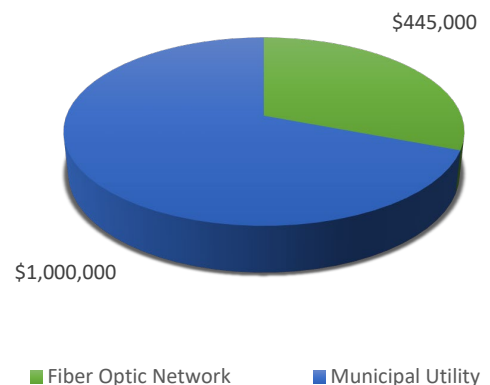
The Rancho Cucamonga Municipal Utility (RCMU) was formed by the City Council in 2001. RCMU served its first customers in 2003 and finished construction of the Victoria Arbors substation in 2004. Currently, RCMU services over 1,000 customers in its service area. Annually, more than 78,000 megawatt-hours of electricity are distributed to our customers via 24 circuit miles of wire spread across the roughly 4-square miles of service territory. RCMU's historical peak demand is 18 megawatts, set in July 2018. In 2017, the City's Fiber Optics Network infrastructure was also added to RCMU's purview with the approval of the Fiber Optics Master Plan.

RCMU capital projects are related to the maintenance, expansion and improvement of the RCMU electrical distribution system and the RCMU Fiber Optics Network. RCMU's distribution system was designed to minimize maintenance and operating costs and ensure maximum reliability of service.

## Project List & FY 2019-20 Expenditures

1	6th St from W/O Haven Ave to Center Ave- Electric and Fiber Extension	\$	275,000
2	7th St from W/O Haven Ave to RR Tracks-Electric/Fiber Line Extension	\$	275,000
3	City Hall East Parking Lot-Electric Line Extension	\$	150,000
4	Etiwanda Ave:Arrow to Whittram-Electric Dist Line Extension	\$	300,000
5	Rancho Cucamonga Fiber Optic Network	\$	445,000
		<u>\$</u>	<u>1,445,000</u>

## Sources of Funding for FY 2019-20



Project Number:  
 JL Key: 1997  
 Object: 5650  
 District: 2

## 6th Street from W/O Haven Avenue to Center Avenue - Electric and Fiber Line Extension

### Project Location:

RCMU Electric and Fiber Line Extension - 6th Street from W/O Haven Avenue to Center Avenue

Est. Construction Start/End:  
 07/2019 - 09/2019

Project Status:  
 Design

Department:  
 Engineering

Project Manager:  
 Fred Lyn



**Description:** Approximately 750' of Distribution Line Extension to service a new planned commercial warehouse development on the NEC of Center Avenue and 6th Street with RCMU electricity and fiber optics.

**Justification:** Line extension is needed to extend power service and fiber optic service to a new commercial warehouse development. The City paid SCE exit fees for the right to service any load associated with a newly constructed facility that has never been interconnected with Edison; this falls under that category.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$275,000	\$0	\$0	\$0	\$0	\$275,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$10,000	\$275,000	\$0	\$0	\$0	\$0	\$285,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Municipal Utility (705)	\$10,000	\$275,000	\$0	\$0	\$0	\$0	\$285,000
<b>Total Costs:</b>	\$10,000	\$275,000	\$0	\$0	\$0	\$0	\$285,000

**Impact on Operations:** The increased electricity load will provide additional revenue to RCMU.

Project Number:  
 JL Key: 1998  
 Object: 5650  
 District: 2

## 7th Street from W/O Haven Avenue to RR Tracks - Electric and Fiber Line Extension

### Project Location:

RCMU Electric and Fiber Line Extension - 7th Street from W/O Haven Avenue to RR Tracks

### Est. Construction Start/End:

07/2019 - 09/2019

### Project Status:

Design

### Department:

Engineering

### Project Manager:

Fred Lyn



### Description:

Approximately 700' of Distribution Line Extension to service a new planned commercial warehouse development on the NEC of Center Avenue and 7th Street with RCMU electricity and fiber optics. The developer will provide the duct bank crossing west of the RR tracks.

### Justification:

Line extension is needed to extend power service and fiber optic service to a new commercial warehouse development. The City paid SCE exit fees for the right to service any load associated with a newly constructed facility that has never been interconnected with Edison; this falls under that category.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$275,000	\$0	\$0	\$0	\$0	\$275,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$10,000	\$275,000	\$0	\$0	\$0	\$0	\$285,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Municipal Utility (705)	\$10,000	\$275,000	\$0	\$0	\$0	\$0	\$285,000
<b>Total Costs:</b>	\$10,000	\$275,000	\$0	\$0	\$0	\$0	\$285,000

### Impact on Operations:

The increased electricity load will provide additional revenue to RCMU.

Project Number:  
 JL Key: 1986  
 Object: 5650  
 District: 2

## City Hall East Parking Lot - Electric Line Extension

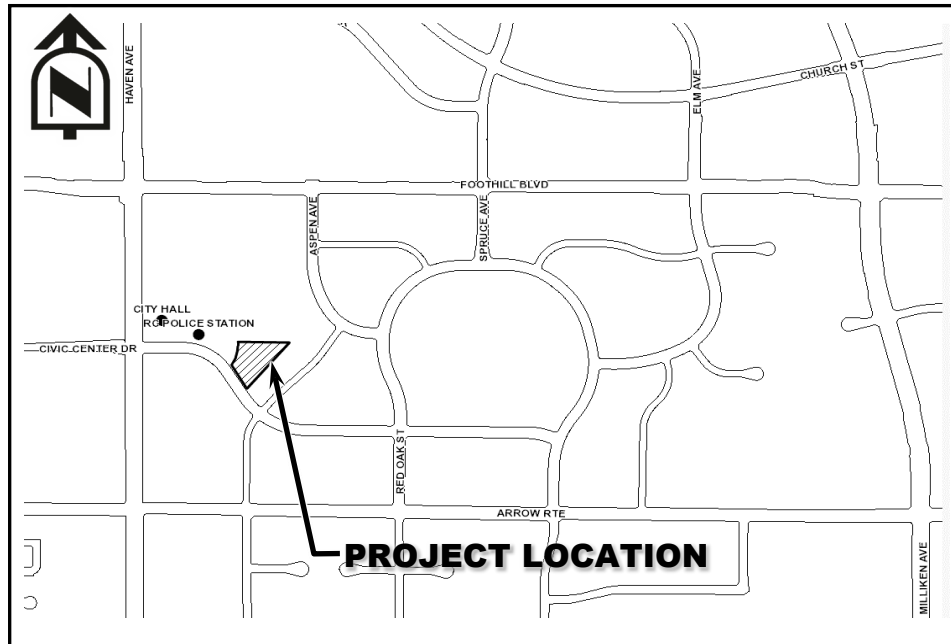
**Project Location:**  
 RCMU Electric Line Extension - City  
 Hall East Parking Lot

**Est. Construction Start/End:**  
 10/2018 - 12/2018

**Project Status:**  
 Design

**Department:**  
 Engineering

**Project Manager:**  
 Fred Lyn



**Description:** Distribution Line Extension to service City Hall's East Parking Lot with RCMU electricity.

**Justification:** A small distribution line extension is needed to extend power service to City Hall's East Parking lot. When the City paid SCE exit fees for City Hall, the City Hall East Parking lot was inadvertently left out of the switchover. The City's continued interest to place solar in the East lot, as well as electric utility uniformity for City Hall, would make this an important project for the City.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$2,000	\$0	\$0	\$0	\$0	\$0	\$2,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$2,000	\$150,000	\$0	\$0	\$0	\$0	\$152,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Municipal Utility (705)	\$2,000	\$150,000	\$0	\$0	\$0	\$0	\$152,000
<b>Total Costs:</b>	\$2,000	\$150,000	\$0	\$0	\$0	\$0	\$152,000

**Impact on Operations:** The increased electricity load will provide additional revenue to RCMU. Uniformity for City Hall facilities

Project Number:  
JL Key: 1999  
Object: 5650  
District: 2

## Etiwanda Avenue from Arrow Route to Whittram Avenue - Electric Distribution Line Extension

### Project Location:

RCMU Electric and Fiber Line Extension - Arrow Route to Whittram Avenue

### Est. Construction Start/End:

07/2020 - 09/2020

### Project Status:

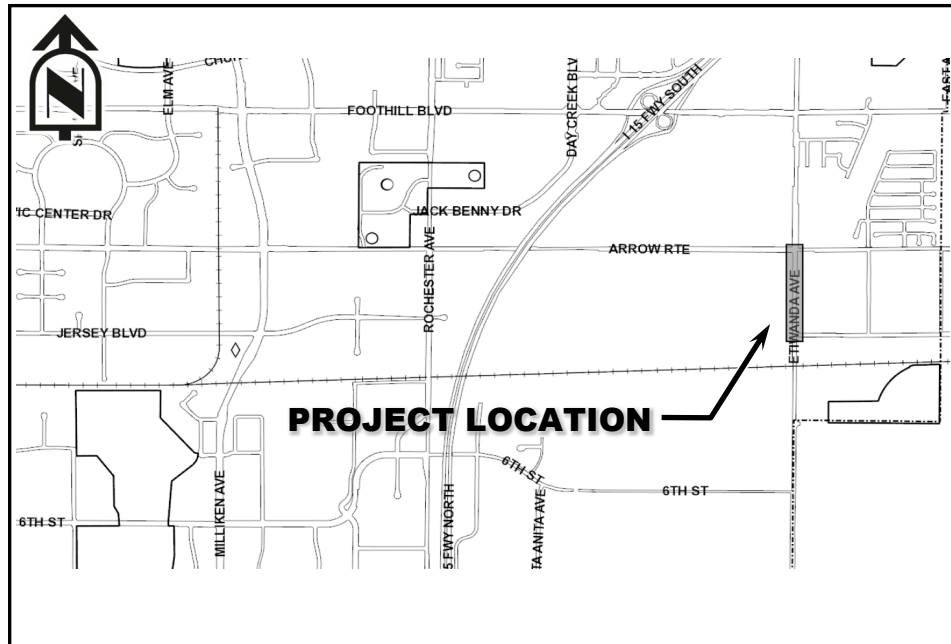
Design

### Department:

Engineering

### Project Manager:

Fred Lyn



### Description:

Approximately 1,600' of new 12kV Distribution Line Extension is needed to connect RCMU's existing distribution on Arrow Route to the new Etiwanda grade separation project. This includes empty conduit for future fiber.

### Justification:

Line extension is needed to extend RCMU's power service through the Etiwanda Grade Separation project which provide new RCMU service opportunities on undeveloped/redeveloped parcels on or near Etiwanda Ave. The City paid SCE exit fees for the right to service any load associated with a newly constructed facility that has never been interconnected with Edison; this falls under that category.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$7,000	\$0	\$0	\$0	\$0	\$0	\$7,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$7,000	\$300,000	\$0	\$0	\$0	\$0	\$307,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Municipal Utility (705)	\$7,000	\$300,000	\$0	\$0	\$0	\$0	\$307,000
<b>Total Costs:</b>	\$7,000	\$300,000	\$0	\$0	\$0	\$0	\$307,000

### Impact on Operations:

The increased electricity load will provide additional revenue to RCMU.

## Rancho Cucamonga Fiber Optic Network

**Project Location:**

Various locations throughout the City where existing fiber optics conduits are located

**Est. Construction Start/End:**

March 2019

**Project Status:**

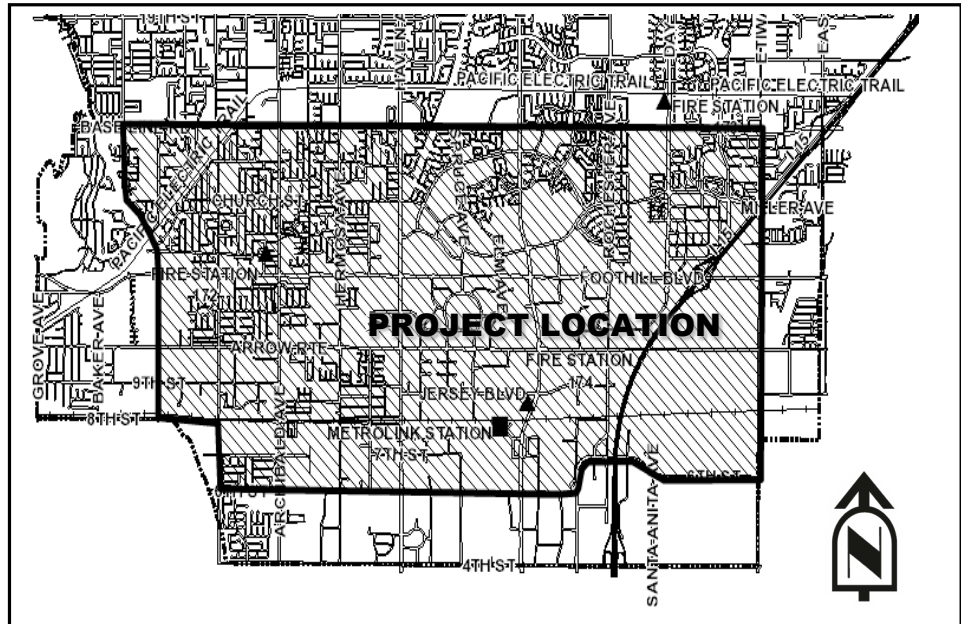
Pre-Construction

**Department:**

Engineering

**Project Manager:**

Fred Lyn



**Description:**

The existing on-net and phase 1 design of the Fiber Optic master plan has been complete. The next steps includes construction utilizing the existing fiber optics system / RCMU system towards network buildout using both existing traffic conduit and building a new network to “tie-in” existing segments in order to provide municipal broadband to selected commercial, industrial and residential areas throughout the City.

**Justification:**

Laying the groundwork for high speed broadband infrastructure allows the City to pursue economic development opportunities and future smart city initiatives. Approval of the Fiber Optic Master Plan by the City Council allows the City to implement a systemic approach toward fiber infrastructure build out over the next five years.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$474,090	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$874,090
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$10,857,790	\$145,000	\$0	\$0	\$0	\$0	\$11,002,790
Inspection & Administration	\$356,701	\$200,000	\$125,000	\$100,000	\$50,000	\$0	\$831,701
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	<b>\$11,688,581</b>	<b>\$445,000</b>	<b>\$225,000</b>	<b>\$200,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$12,708,581</b>

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Fiber Optic Network (711)	\$11,688,581	\$445,000	\$225,000	\$200,000	\$150,000	\$0	\$12,708,581
<b>Total Costs:</b>	<b>\$11,688,581</b>	<b>\$445,000</b>	<b>\$225,000</b>	<b>\$200,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$12,708,581</b>

**Impact on Operations:**

Bond financing is providing the revenue portion towards the fiber network construction. Additional revenues received from the Inyo partnership will provide for the daily operations of the network, as well as future bond debt service. The potential to bring in high speed broadband as a commodity will provide economic development opportunities and additional revenue to the RCMU's Fiber Optics Fund.

# Parks



Any capital project that is located in, on, or adjacent to a park or community center facility is classified as a Park Project. These include the construction of new park facilities, as well as the expansion or rehabilitation of existing park facilities. Improvements include playing fields, play ground equipment, park landscaping, other miscellaneous recreational amenities, restroom facilities and parking lot improvements.

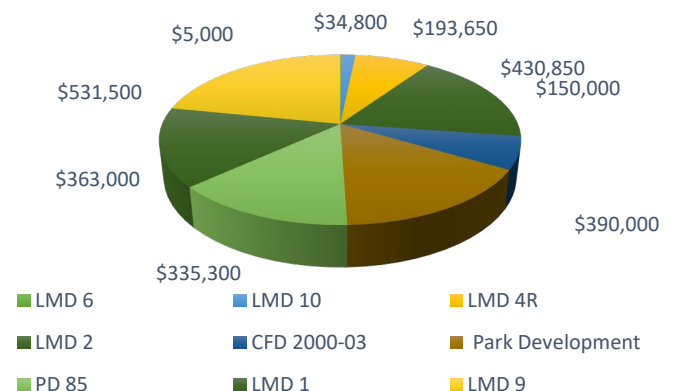
Many of these projects require ongoing maintenance, and all field rehabilitation projects and renovations are performed on an annual or bi-annual basis due to extensive wear from local league play.

The majority of Park Projects are funded via the Park Development Fund (120), which is collected via residential development fees (i.e. new single family, town home, condo and senior housing). Some projects qualify for grants and Special District funds.

## Project List & FY 2019-20 Expenditures

1	Etiwanda Creek Park-Phase II	\$	390,000
2	Garcia Park-Ball Field Lights	\$	500,000
3	Heritage Park-Equestrian Main Area Refurbish	\$	50,000
4	Heritage Park-Replace Restroom & Storage Bldg Roof	\$	75,000
5	Old Town Park-Sports Lghtg Foundation	\$	50,000
6	Parks Facility Painting	\$	294,250
7	Paseo Lighting Retrofits	\$	242,550
8	Replace Rubberized Playground Surface	\$	832,300
		<u>\$</u>	<u>2,434,100</u>

## Sources of Funding for FY 2019-20



Project Number:  
 JL Key: 1664  
 Object: 5650  
 District: 4

## Etiwanda Creek Park - Phase II

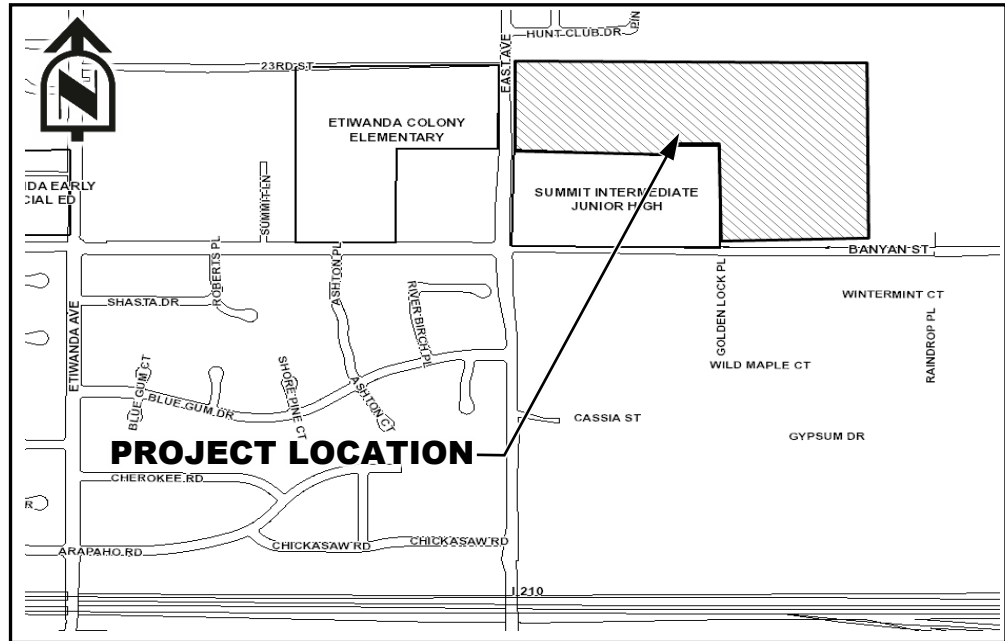
**Project Location:**  
 5939 East Avenue

**Est. Design Start/End:**  
 01/2020 - 06/2020

**Project Status:**  
 Design

**Department:**  
 Community Services/Parks

**Project Manager:**  
 Jennifer Hunt Gracia



**Description:** This project involves the initial design of park expansion, which may include additional athletic/recreation multi-use fields, tennis courts, dog park and additional parking. Required environmental and biological studies are also being completed as part of this design.

**Justification:** The City Council recently re-identified this project as a goal for FY 2019-2020 (previously identified in FY 2007-2008).

### Project Cost Estimate (\$):

Expenditure/Category	Prior Years	2019/20	2020/21	2021/22	2022/23	TBD	TOTAL
Environmental/NPDES	\$124,500	\$0	\$0	\$0	\$0	\$0	\$124,500
Design/Plan Review	\$184,430	\$450,000	\$0	\$0	\$0	\$0	\$634,430
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$3,900,000	\$0	\$0	\$3,900,000
Inspection & Administration	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Contingency	\$0	\$0	\$0	\$585,000	\$0	\$0	\$585,000
<b>Total Costs:</b>	<b>\$308,930</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$4,585,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,343,930</b>

### Project Funding:

Funding Source	Prior Years	2019/20	2020/21	2021/22	2022/23	TBD	TOTAL
Park Development (120)	\$308,930	\$450,000	\$0	\$4,585,000	\$0	\$0	\$5,343,930
<b>Total Costs:</b>	<b>\$308,930</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$4,585,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,343,930</b>

**Impact on Operations:** Initial estimates place the cost of maintaining two additional softball/little league fields with a soccer overlay and a tennis court at \$300,000 - \$450,000 per year.

Project Number:  
 JL Key: 1981  
 Object: 5650  
 District: 4

## Garcia Park - Ball Field Lights

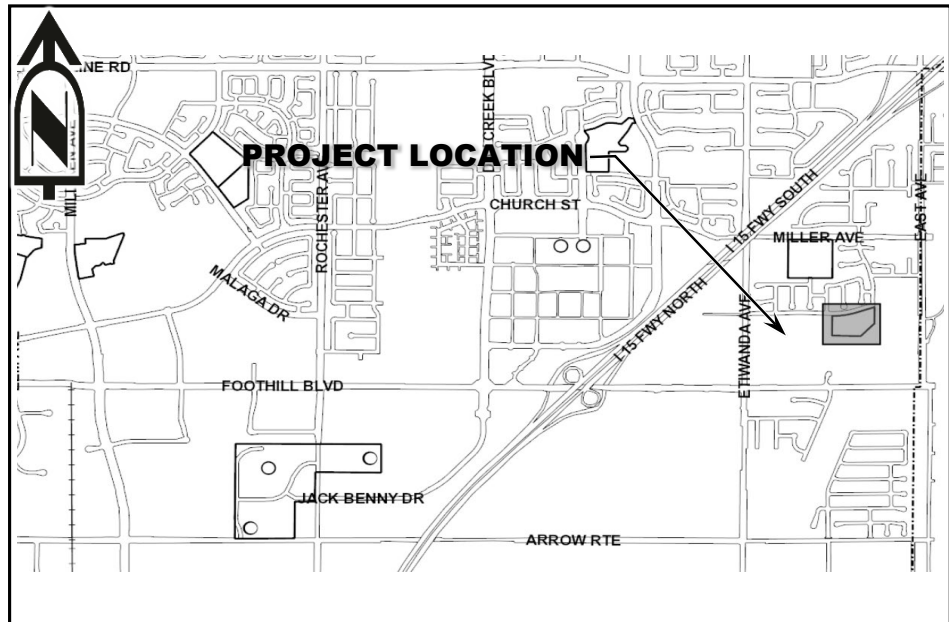
**Project Location:**  
 Garcia Park

**Est. Construction Start/End:**  
 July 2019 – June 2020

**Project Status:**  
 Design/Construction

**Department:**  
 CSD

**Project Manager:**  
 Jeff Bensen



**Description:** Design and install new LED ball field lighting, including electrical services upgrade and landscape restoration.

**Justification:** The fields at Garcia Park currently do not have lighting. As a result, the fields cannot be used after the sun sets.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$420,000	\$0	\$0	\$0	\$0	\$420,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
<b>Total Costs:</b>	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 9 (139)	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
<b>Total Costs:</b>	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000

**Impact on Operations:** New LED ball field lights will have lower maintenance and electrical costs. Adding another lighted field will help address increased sports activities and provide additional practice and play time.

Project Number:  
JL Key:  
Object: 5607  
District: 1

## Heritage Park - Equestrian Main Arena Refurbish

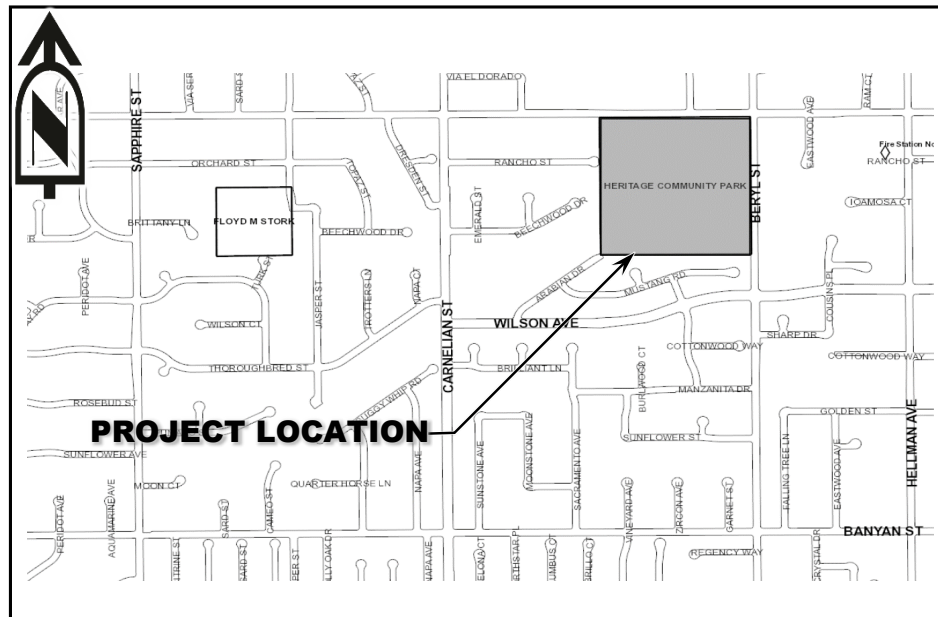
**Project Location:**  
Heritage Park

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Dean Rodia



**Description:** Refurbish main arena area by removing and replacing base and sand.

**Justification:** Project funding was carried over from FY 18/19. The main arena's subsurface is compacted and uneven, along with the main top surface being uneven and degraded into a very powdery sand. These two surface levels need to be reworked and new top material brought in to be spread evenly for the stability of the horses and to reduce potential liability and injury.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
<b>Total Costs:</b>	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
PD 85 (848)	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total Costs:</b>	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

**Impact on Operations:** Refurbishment will reduce time and expense to maintain the main arena area.

## Heritage Park - Replace Restroom and Storage Building Roof

**PROJECT LOCATION**

Map showing the project location in the Bernalillo area. The project is located at the intersection of Birchwood Dr and Jasper St, near the intersection of Wilson Ave and Carnelian St. The map includes a north arrow and labels for various streets and landmarks, including Heritage Community Park and the Fire Station No. 8.

Project Number:  
JL Key:  
Object: 5607  
District: 2

## Old Town Park - Sports Lighting Replacement

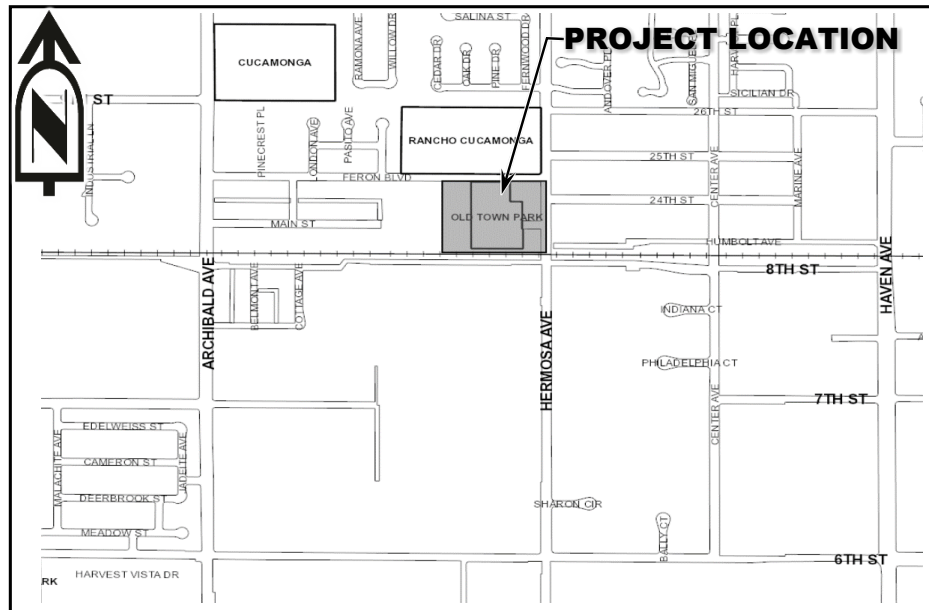
**Project Location:**  
Old Town Park

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Andy Miller



**Description:** Modify existing sports lighting pole foundations to meet current (wind load) requirements.

**Justification:** The existing sports lighting pole foundations do not meet current (wind load) requirements. Need to hire a structural engineering consultant to prepare modifications to the foundations so that they meet current requirements.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$7,050	\$8,750	\$0	\$0	\$0	\$0	\$15,800
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$52,100	\$38,000	\$0	\$0	\$0	\$0	\$90,100
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$3,250	\$0	\$0	\$0	\$0	\$3,250
<b>Total Costs:</b>	\$59,150	\$50,000	\$0	\$0	\$0	\$0	\$109,150

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 1 (130)	\$59,150	\$50,000	\$0	\$0	\$0	\$0	\$109,150
<b>Total Costs:</b>	\$59,150	\$50,000	\$0	\$0	\$0	\$0	\$109,150

**Impact on Operations:** None

## Parks Facility Painting

**Project Location:**

Kenyon Park, Windrows Park,  
Coyote Park, Milliken Park,  
Mountain View Park, Ralph Lewis  
Park, Spruce Park, W. Greenway  
Park, Various Paseos in LMD 6  
Garcia Park and Day Creek Park

**Est. Construction Start/End:**

July 2019 – June 2020

**Project Status:**

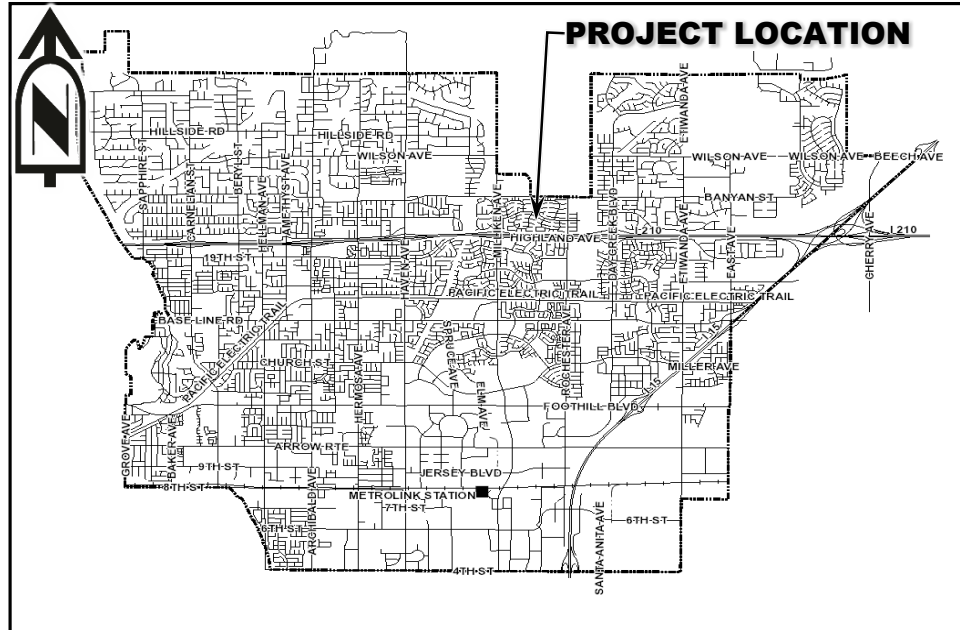
Design/Construction

**Department:**

PWSD

**Project Manager:**

Dean Rodia



**Description:** Paint various facilities/amenities (restrooms, shade shelters, seat walls, trash enclosures, lights, etc.) at listed City parks.

**Justification:** The painting of wood, metal, block and concrete surfaces protects them from environmental exposures such as weather, wood decay, cracking, rust and other material breakdowns that end up costing more to repair or replace. Painting is a proactive approach to extending the life of the materials and structures. This will be a yearly plan phased over 5 year.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$27,600	\$294,250	\$100,300	\$91,600	\$52,300	\$61,800	\$627,850
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$27,600	\$294,250	\$100,300	\$91,600	\$52,300	\$61,800	\$627,850

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 2 (131)	\$6,200	\$74,300	\$53,900	\$50,800	\$47,300	\$56,800	\$289,300
LMD 4R (134)	\$15,000	\$148,650	\$41,400	\$35,800	\$0	\$0	\$240,850
LMD 6 (136)	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
LMD 9 (139)	\$0	\$31,500	\$0	\$0	\$0	\$0	\$31,500
LMD 10 (140)	\$6,400	\$34,800	\$0	\$0	\$0	\$0	\$41,200
<b>Total Costs:</b>	\$27,600	\$294,250	\$100,300	\$91,600	\$52,300	\$61,800	\$627,850

**Impact on Operations:** The painted park facilities/amenities will require less maintenance.

Project Number:  
JL Key: 1716  
Object: 5650  
District: 3

## Paseo Lighting Retrofits

**Project Location:**

LMD 2 (VW-21 near 6801 North Victoria Windrows Loop and VW-7 near 6650 Fairmont)

**Est. Construction Start/End:**

July 2019 – June 2020

**Project Status:**

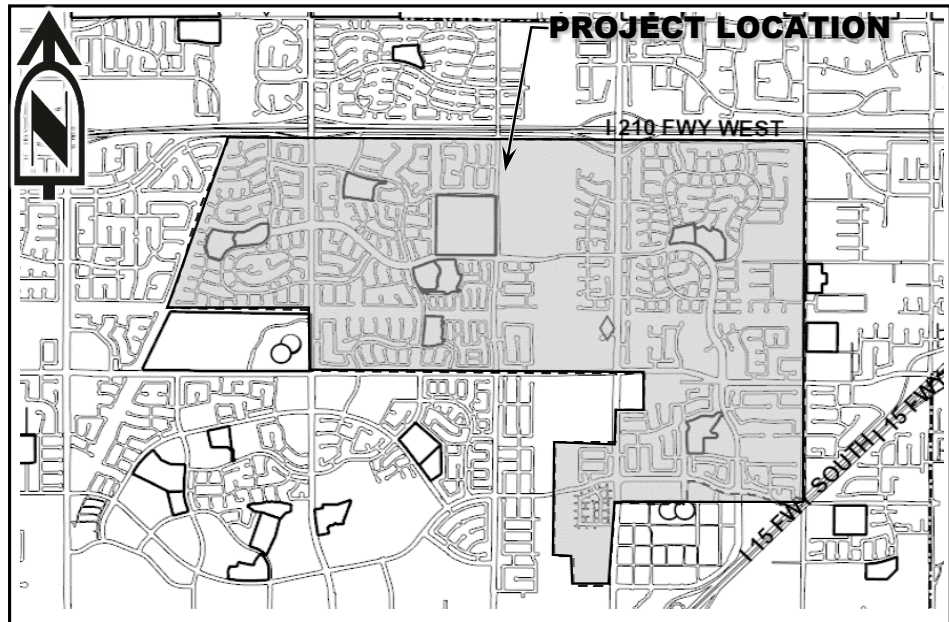
Design/Construction

**Department:**

PWSD

**Project Manager:**

Dean Rodia



**Description:** Replace existing paseo lighting with new LED lighting (poles, fixtures, foundation, etc.)

**Justification:** The existing paseo lighting poles were wet set into their concrete foundations. As a result, the poles cannot be removed to pull new wiring. A majority of the lights no longer function. Situation is becoming a safety concern.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$10,000	\$20,000	\$20,000	\$20,000	\$10,000	\$0	\$80,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$257,280	\$200,000	\$250,000	\$240,000	\$210,000	\$0	\$1,157,280
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$32,720	\$22,550	\$25,000	\$24,000	\$21,000	\$0	\$125,270
<b>Total Costs:</b>	<b>\$300,000</b>	<b>\$242,550</b>	<b>\$295,000</b>	<b>\$284,000</b>	<b>\$241,000</b>	<b>\$0</b>	<b>\$1,362,550</b>

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 2 (131)	\$300,000	\$242,550	\$295,000	\$284,000	\$241,000	\$0	\$1,362,550
<b>Total Costs:</b>	<b>\$300,000</b>	<b>\$242,550</b>	<b>\$295,000</b>	<b>\$284,000</b>	<b>\$241,000</b>	<b>\$0</b>	<b>\$1,362,550</b>

**Impact on Operations:** With new lighting, the constant requests for service calls to these two paseos will cease.

Project Number:  
JL Key:  
Object: 5607  
District: 1, 2, 3, 4

## Replace Rubberized Playground Surface

### Project Location:

Kenyon Park, Windrows Park, Milliken Park, Red Hill Park, Heritage Park, Church Park, Bear Gulch Park, Hermosa Park, Old Town Park, West Beryl Park, Legacy Park and Olive Grove Park

### Est. Construction Start/End:

July 2019 – June 2020

### Project Status:

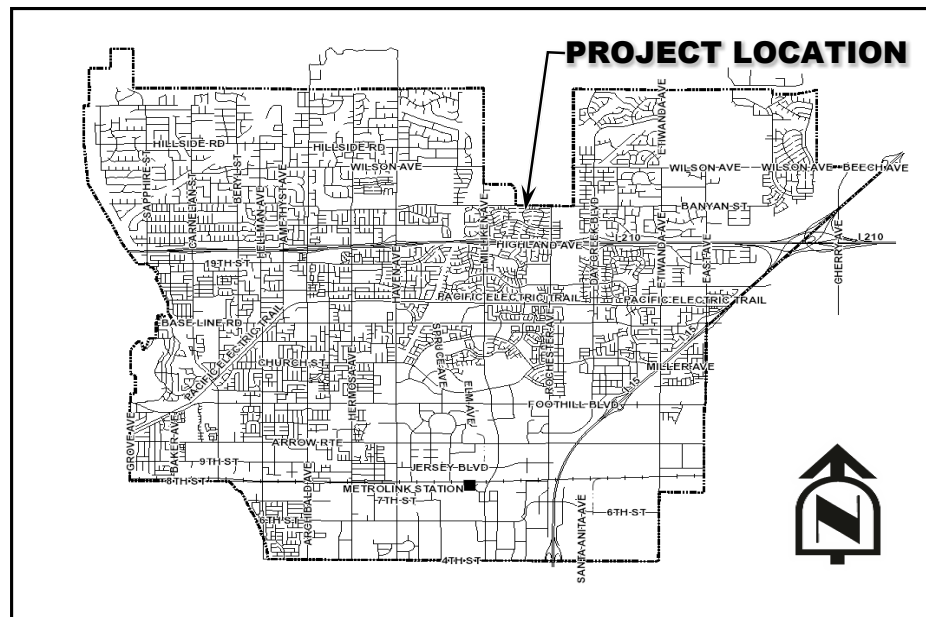
Design/Construction

### Department:

PWSD

### Project Manager:

Dean Rodia



**Description:** Replaced deteriorated rubberized playground surfacing at listed parks with new rubberized playground surfacing.

**Justification:** The existing rubberized playground surfacing has deteriorated. New rubberized playground surfacing is needed to meet the impact requirements for playground safety as required by the NRPA Playground Safety Standards. For most of these playgrounds, the rubberized surfacing replacement has been deferred for over 3 years. The situation is becoming a serious issue in providing safe use of the playground. Maintenance of the Rubberized Surface will be on-going issue. Staff will evaluate the surface and provide locations and estimates yearly.

### Project Cost Estimate (\$):

Expenditure/Category	Prior Years	2019/20	2020/21	2021/22	2022/23	TBD	TOTAL
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$35,000	\$832,300	\$0	\$0	\$0	\$0	\$867,300
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	<b>\$35,000</b>	<b>\$832,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$867,300</b>

### Project Funding:

Funding Source	Prior Years	2019/20	2020/21	2021/22	2022/23	TBD	TOTAL
LMD 1 (130)	\$0	\$313,000	\$0	\$0	\$0	\$0	\$313,000
LMD 2 (131)	\$0	\$114,000	\$0	\$0	\$0	\$0	\$114,000
LMD 4R (134)	\$21,000	\$45,000	\$0	\$0	\$0	\$0	\$66,000
PD 85 (848)	\$14,000	\$210,300	\$0	\$0	\$0	\$0	\$224,300
CFD 2000-03 (868)	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
<b>Total Costs:</b>	<b>\$35,000</b>	<b>\$832,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$867,300</b>

**Impact on Operations:** Once replaced, staff will no longer need to repair or patch the damaged rubberized playground surfaces.

# Railroad Crossing



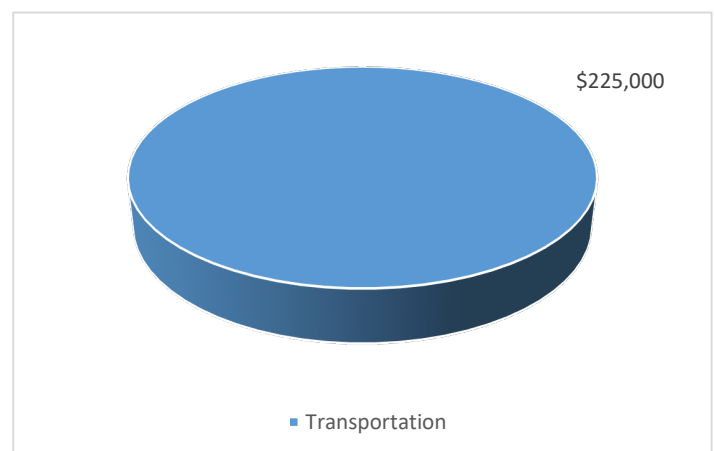
Railroad Crossings are extremely expensive and infrequent projects, requiring large funding commitments, lengthy construction schedules and inevitably causing some inconvenience to the local community during the construction period. They are, however, also one of the best ways to ensure the safety of drivers, pedestrians and rail users by providing two separate crossings, thereby minimizing the possibility of train versus automobile, or train versus pedestrian accidents.

Railroad Crossings are identified in the City's General Plan document, and they are also frequently illustrated in regional planning documents held by the County of San Bernardino, SBCTA and Caltrans.

## Project List & FY 2019-20 Expenditures

1	6th St @ BNSF Spur Crossing w/o Etiwanda Ave	\$	225,000
		<u>\$</u>	<u>225,000</u>

## Sources of Funding for FY 2019-20



## 6th Street at BNSF Spur Crossing west of Etiwanda Avenue

**Project Location:**

6th Street at the BNSF spur track, west of Etiwanda Avenue.

**Est. Construction Start/End:**

TBD

**Project Status:**

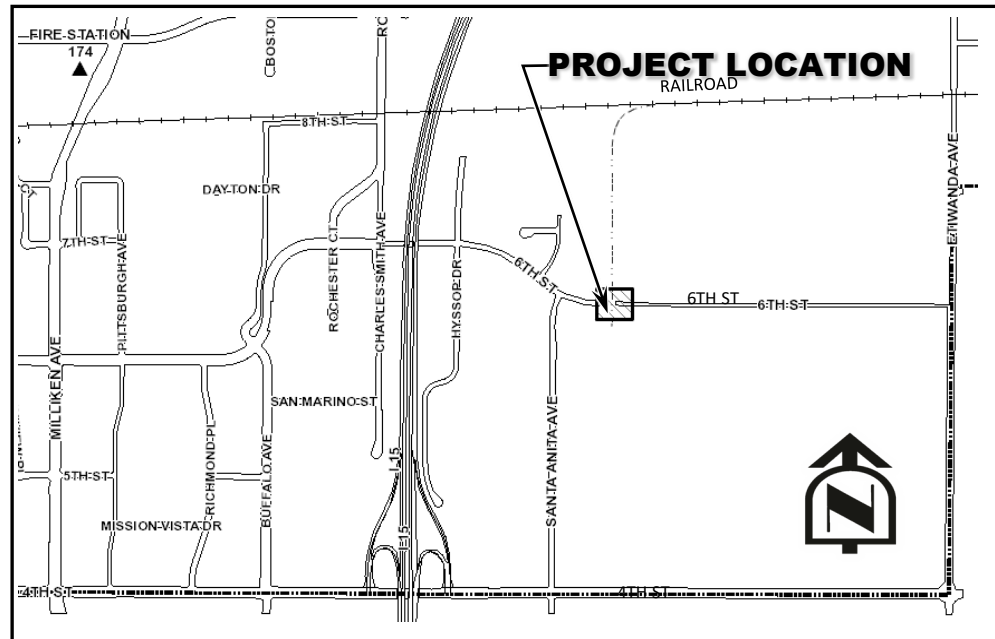
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

Establish Community Finance District (CFD) for a new 6th Street at the BNSF Railroad Spur crossing, west of Etiwanda Avenue.

**Justification:**

This project, if constructed, would complete 6th Street, between Santa Anita Avenue and Etiwanda Avenue, and provide better traffic circulation for the area.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$75,000	\$200,000	\$0	\$0	\$0	\$3,000,000	\$3,275,000
Right-of-Way	\$0	\$25,000	\$0	\$0	\$0	\$1,200,000	\$1,225,000
Construction	\$0	\$0	\$0	\$0	\$0	\$27,000,000	\$27,000,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000
<b>Total Costs:</b>	\$75,000	\$225,000	\$0	\$0	\$0	\$34,700,000	\$35,000,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Unknown	\$0	\$0	\$0	\$0	\$0	\$34,700,000	\$34,700,000
Transportation Fund (124)	\$75,000	\$225,000	\$0	\$0	\$0	\$0	\$300,000
<b>Total Costs:</b>	\$75,000	\$225,000	\$0	\$0	\$0	\$34,700,000	\$35,000,000

**Impact on Operations:**

None at this time.

# Streets

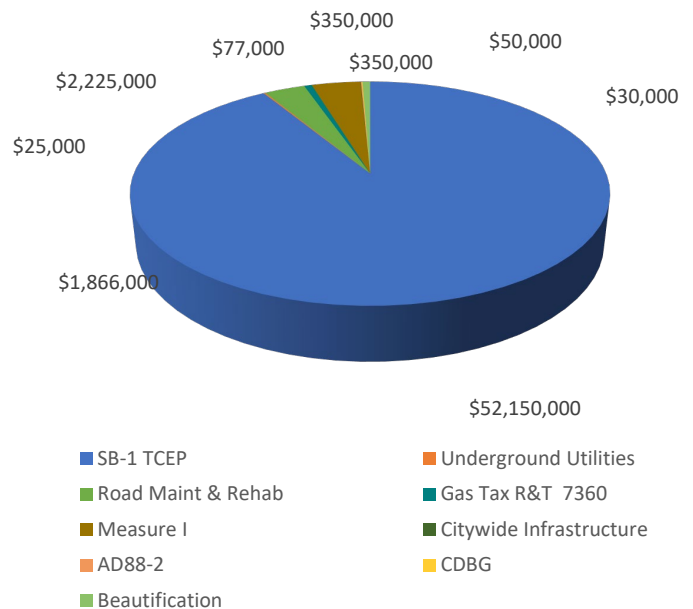


Streets projects are the most common type of project undertaken by the City. The City receives annual funding from gasoline sales taxes for use on resurfacing projects for local arterial and residential streets in order to extend pavement life and improve driving conditions. Besides street rehabilitation projects, the City also undertakes many widening and extension projects as need dictates via new development, community needs and the City's General Plan.

## Project List & FY 2019-20 Expenditures

1 ADA Ramps at Various Locations	\$	250,000
2 Base Line Rd Utility Underground	\$	77,000
3 Church St: Haven-Milliken Pavement Rehab	\$	625,000
4 Etiwanda east side widening north Whittram-s/o Arrow	\$	580,000
5 Etiwanda from Fthll-Wilson: Pavement Rehab	\$	50,000
6 Etiwanda Grade Separation	\$	52,175,000
7 Grind and Patch Asphalt Pavement @ Arterial Intersection	\$	50,000
8 Hermosa Ave from Banyan to Wilson- Pavement Rehab	\$	266,000
9 Hermosa Ave n/o Fthll to Church St Widening	\$	500,000
10 Highland Ave from Archibald to Haven- Pavement Rehab	\$	600,000
11 Local Street Pavement Rehab @ Various Locations	\$	1,900,000
12 Youngs Canyon Rd-Ext from Koch Place to Cherry Ave	\$	50,000
	<u>\$</u>	<u>57,123,000</u>

## Sources of Funding for FY 2019-20



## ADA Ramps at Various Locations

**Project Location:**

Various Locations City Wide

**Est. Construction Start/End:**

02/2020 – 04/2020

**Project Status:**

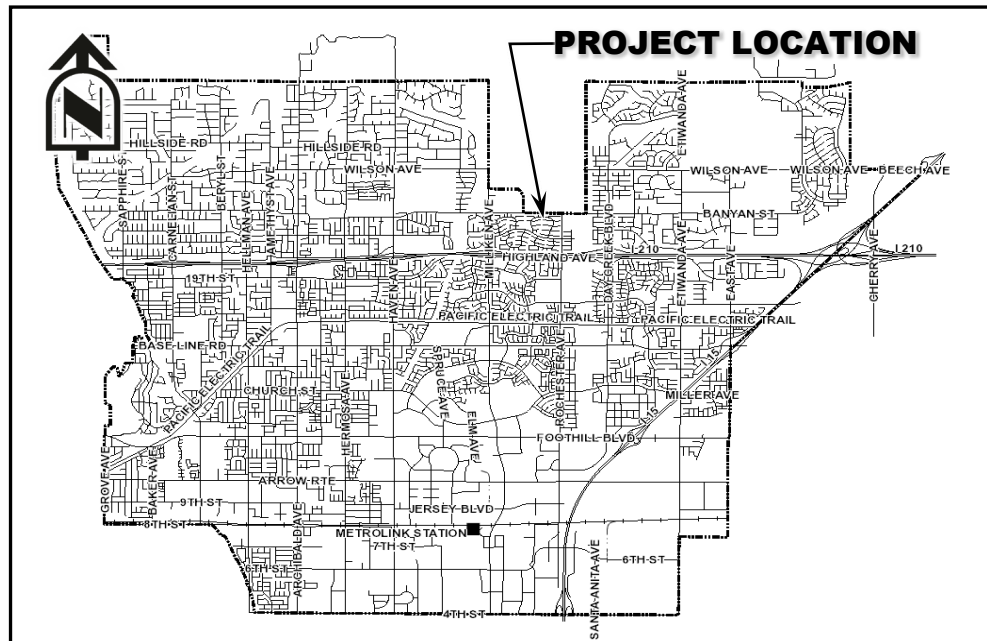
Design/Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

Construct ADA compliant ramps at Various locations citywide. Locations for ramp installation come from the ADA Transition Plan, which is updated annually. This capital project encompasses all ADA compliance issues that cannot be incorporated into other improvement projects, but which must still be addressed in timely fashion.

**Justification:**

Meets the City's ongoing commitment to install ADA ramps where they are missing and required by law.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$250,000	\$225,000	\$0	\$0	\$0	\$0	\$475,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
<b>Total Costs:</b>	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$500,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (177)	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$200,000
Gas Tax R&T 7360 Fund (174)	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$300,000
<b>Total Costs:</b>	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$500,000

**Impact on Operations:**

None

## Base Line Road Utility Underground

**Project Location:**

Base Line Road from Carnelian Street to Vineyard Avenue

**Est. Construction Start/End:**

05/2020 - 8/2020

**Project Status:**

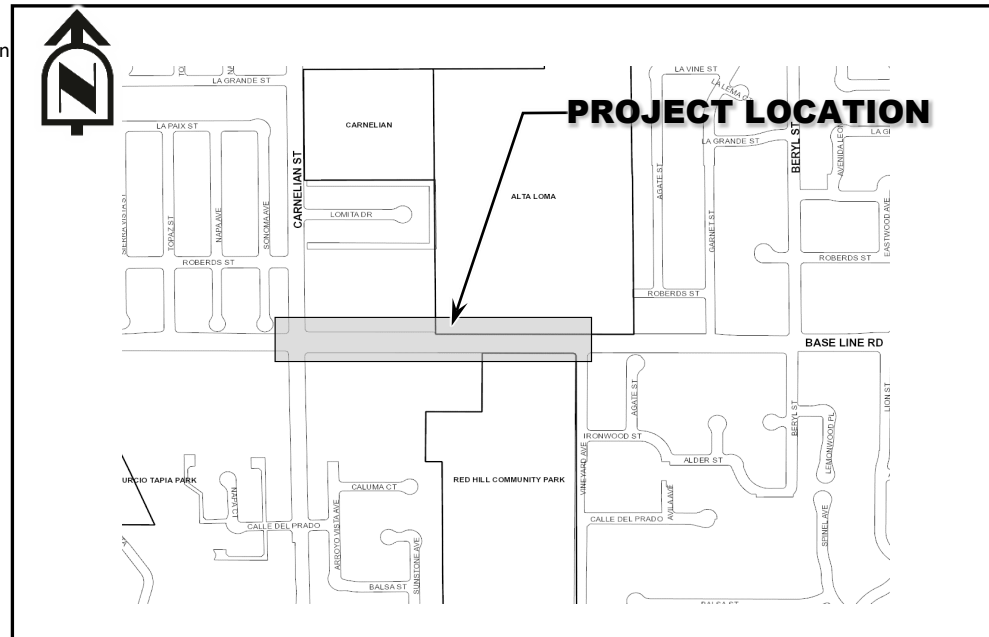
Design

**Department:**

Engineering

**Project Manager:**

Natalie Ávila

**Description:**

Underground the overhead utilities along north side Base Line Road. Two street lights on SCE wood poles will be replaced with new LED street lights on concrete pole. Specific timing of the construction will be coordinated with school upon completion of the design.

**Justification:**

This project is funded by the Underground Utility Fund (129) as part of SCE allocation of utility underground funds to each City. The use of these funds is governed by SCE's Rule 20A regulations. Rule 20A funds are reserved for heavily used and/or scenic streets and the efforts to remove overhead utilities will improve the appearance along Base Line Road.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Education Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Inspection & Administration	\$0	\$6,000	\$0	\$0	\$0	\$0	\$6,000
Contingency	\$0	\$6,000	\$0	\$0	\$0	\$0	\$6,000
<b>Total Costs:</b>	\$0	\$77,000	\$0	\$0	\$0	\$0	\$77,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Underground Utilities (129)	\$0	\$77,000	\$0	\$0	\$0	\$0	\$77,000
<b>Total Costs:</b>	\$0	\$77,000	\$0	\$0	\$0	\$0	\$77,000

**Impact on Operations:**

This project will add two new street lights to the City's inventory increasing future maintenance however will improve the electrical efficiency of lighting for the area.

## Church Street from Haven Avenue to Milliken Avenue- Pavement Rehabilitation

**Project Location:**

Church Street - From Haven Avenue to Milliken Avenue

**Est. Construction Start/End:**

06/2020 - 08/2020

**Project Status:**

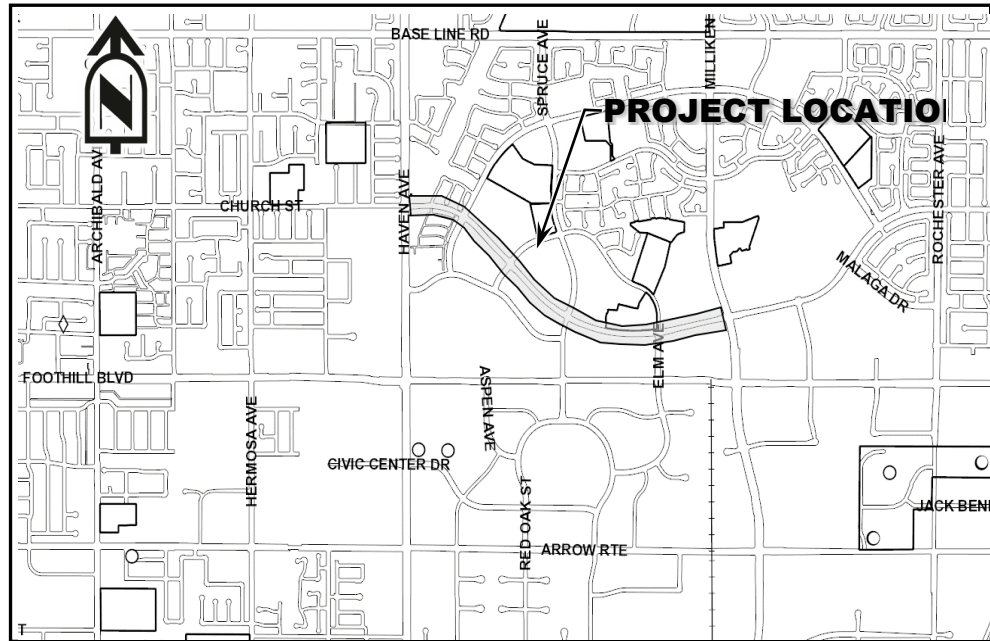
Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, Traffic Signal Video Detection, utility valves and manhole adjustments, pavement striping and curb ramps.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Inspection & Administration	\$0	\$90,000	\$0	\$0	\$0	\$0	\$90,000
Contingency	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000
<b>Total Costs:</b>	\$0	\$625,000	\$0	\$0	\$0	\$0	\$625,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (177)	\$0	\$625,000	\$0	\$0	\$0	\$0	\$625,000
<b>Total Costs:</b>	\$0	\$625,000	\$0	\$0	\$0	\$0	\$625,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Etiwanda Avenue East Side widening from 400' north Whittram Avenue to 300' south of Arrow Route

**Project Location:**

Etiwanda Avenue from 400' north Whittram Avenue to 300' south of Arrow Route

**Est. Construction Start/End:**

07/2019-06/2020

**Project Status:**

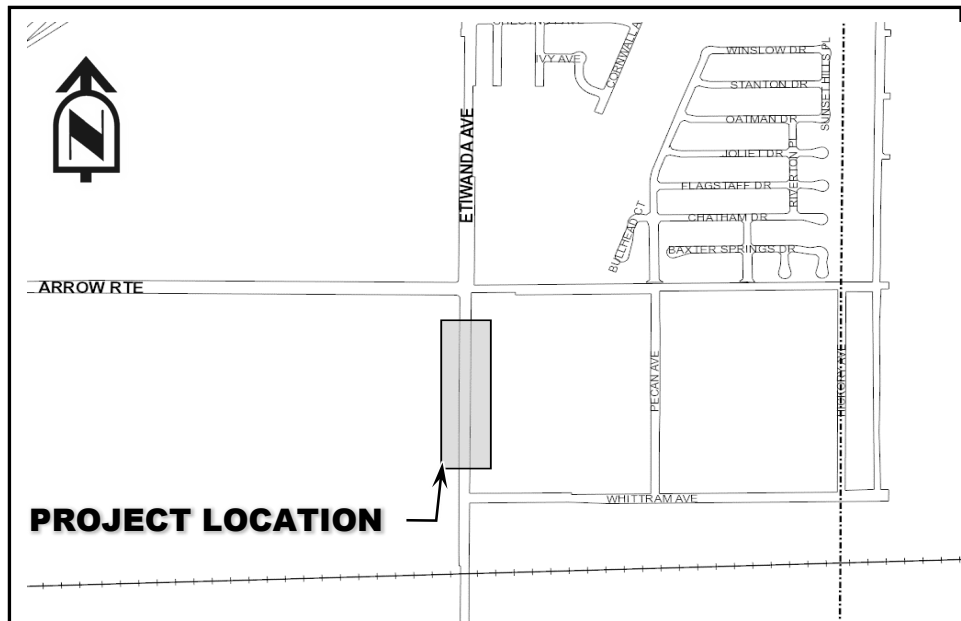
Design/Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project involves street widening on the east side of Etiwanda Avenue including curb & gutter, sidewalk, street lights and utility relocation, as well as pavement rehabilitation consisting of cold planing, crack sealing, asphalt pavement overlay, utility valve and manhole cover adjustments, and pavement striping.

**Justification:**

This project will enhance pedestrian and vehicular safety through the area and restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$294,000	\$0	\$0	\$0	\$0	\$294,000
Construction	\$0	\$186,000	\$412,000	\$0	\$0	\$0	\$598,000
Inspection & Administration	\$0	\$71,000	\$81,600	\$0	\$0	\$0	\$152,600
Contingency	\$0	\$29,000	\$34,400	\$0	\$0	\$0	\$63,400
<b>Total Costs:</b>	\$0	\$580,000	\$528,000	\$0	\$0	\$0	\$1,108,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
CDBG (204)	\$0	\$30,000	\$528,000	\$0	\$0	\$0	\$558,000
Measure I (177)	\$0	\$550,000	\$0	\$0	\$0	\$0	\$550,000
<b>Total Costs:</b>	\$0	\$580,000	\$528,000	\$0	\$0	\$0	\$1,108,000

**Impact on Operations:**

Reduced street maintenance costs for pothole repairs and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Etiwanda Avenue from Foothill Boulevard to Wilson Avenue - Pavement Rehabilitation

**Project Location:**

Etiwanda Avenue from Foothill Boulevard to Wilson Avenue

**Est. Construction Start/End:**

05/2021 - 07/2021

**Project Status:**

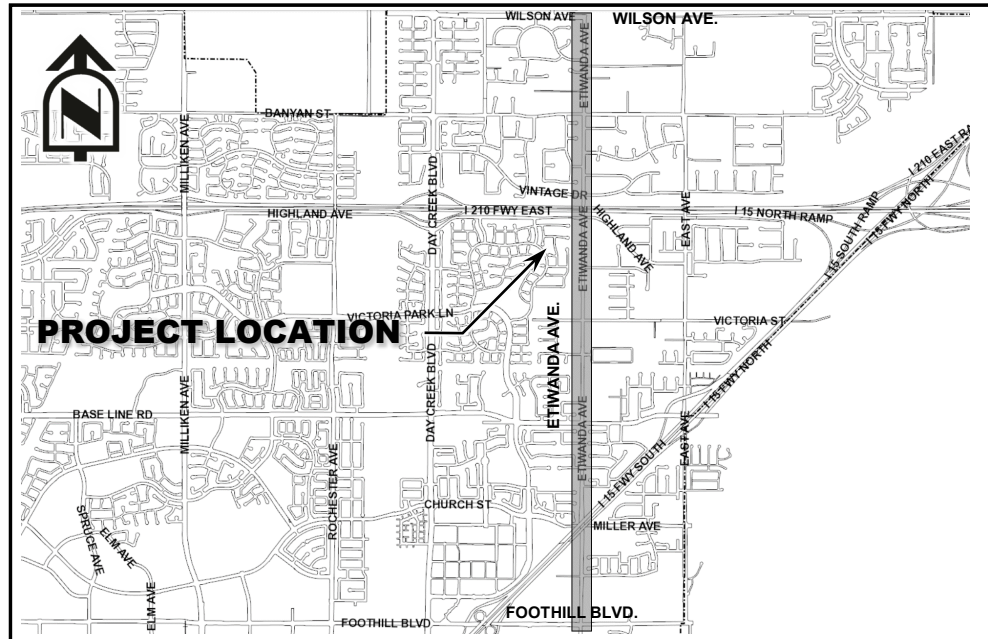
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project involves cold planing and localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, video detection, utility valve and manhole cover adjustments, pavement striping and a Caltrans permit

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$1,600,000	\$0	\$0	\$1,600,000
Inspection & Administration	\$0	\$0	\$0	\$40,000	\$0	\$0	\$40,000
Contingency	\$0	\$0	\$0	\$160,000	\$0	\$0	\$160,000
<b>Total Costs:</b>	\$0	\$50,000	\$0	\$1,800,000	\$0	\$0	\$1,850,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I (177)	\$0	\$50,000	\$0	\$1,800,000	\$0	\$0	\$1,850,000
<b>Total Costs:</b>	\$0	\$50,000	\$0	\$1,800,000	\$0	\$0	\$1,850,000

**Impact on Operations:**

Reduced street maintenance costs for pothole repairs and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Etiwanda Avenue Grade Separation Project

**Project Location:**

Etiwanda Avenue from Whittram Avenue to Napa Avenue

**Est. Construction Start/End:**

06/2020 - 12/2021

**Project Status:**

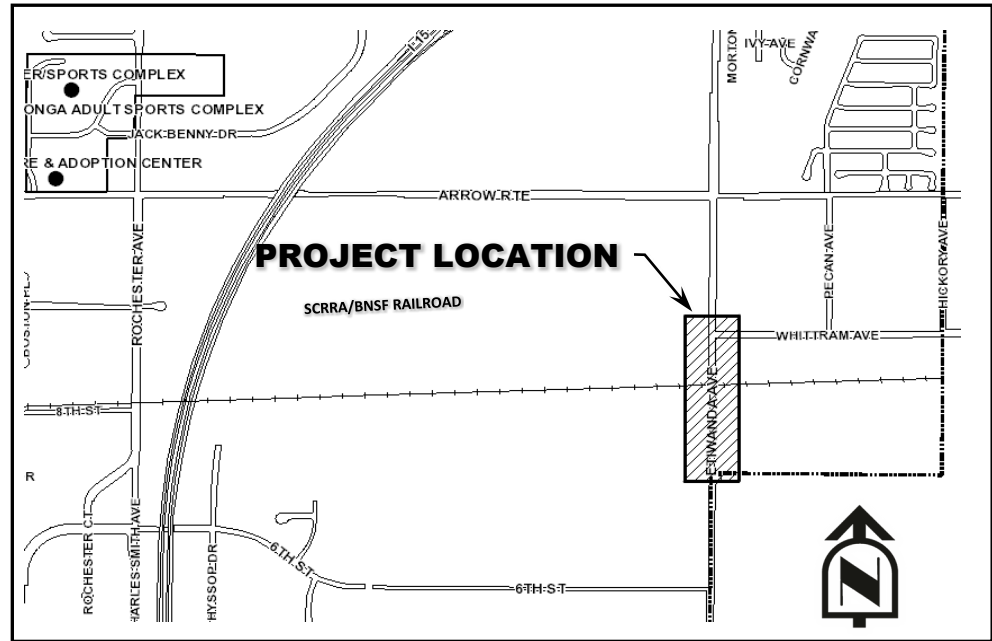
Design/Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

Roadway overcrossing SCRR/BNSF track along Etiwanda Avenue to include concrete bridge, curb and gutter, driveway sidewalk, street lights and utilities undergrounding.

**Justification:**

Overcrossing bridge and widening Etiwanda Avenue will improve traffic circulation, vehicular and rail safety through the area.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$4,000,000	\$2,025,000	\$0	\$0	\$0	\$0	\$6,025,000
Right-of-Way	\$3,050,000	\$2,650,000	\$0	\$0	\$0	\$0	\$5,700,000
Construction	\$0	\$42,700,000	\$0	\$0	\$0	\$0	\$42,700,000
Inspection & Administration	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Contingency	\$0	\$4,300,000	\$0	\$0	\$0	\$0	\$4,300,000
<b>Total Costs:</b>	<b>\$7,050,000</b>	<b>\$52,175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$59,225,000</b>

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
SB-1 TCEP Fund (181)	\$7,000,000	\$52,150,000	\$0	\$0	\$0	\$0	\$59,150,000
Infrastructure Fund (198)	\$50,000	\$25,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total Costs:</b>	<b>\$7,050,000</b>	<b>\$52,175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$59,225,000</b>

**Impact on Operations:**

Reduction of routine maintenance activities for pothole repair, weed abatement and crack seal, thus freeing up maintenance crews for other needed areas.

## Grind and Patch Asphalt Pavement at Arterial Intersection

### Project Location:

Various Locations - Where deemed necessary by Public Works and Engineering

### Est. Construction Start/End:

07/2019 – 06/2020

### Project Status:

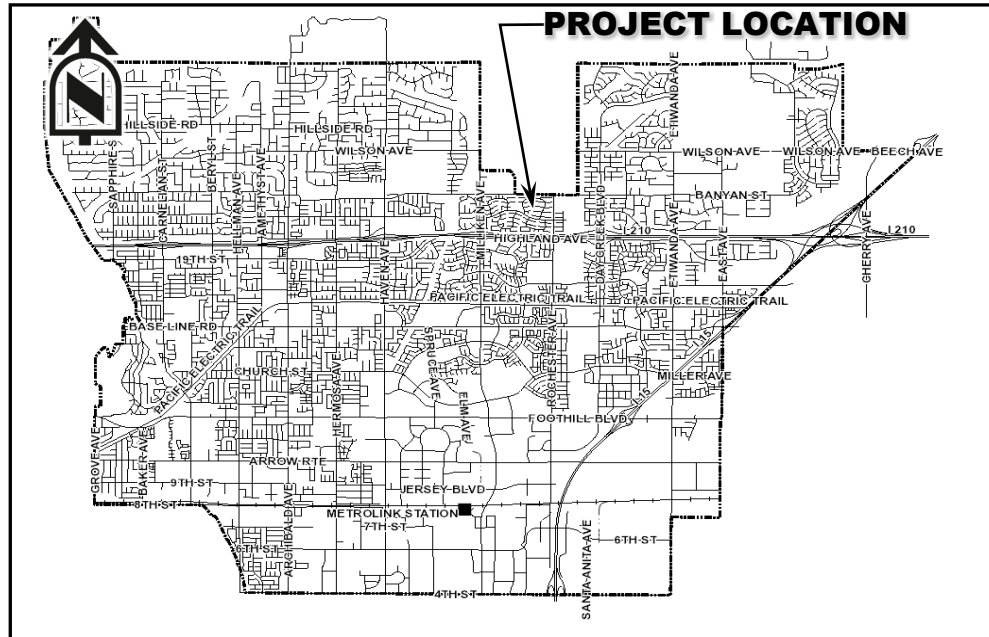
Construction

### Department:

Engineering

### Project Manager:

Romeo David



### Description:

This project involves grinding and patching existing asphalt pavement, traffic loops, striping and pavement markers replacements.

### Justification:

This project will remove rutting and shoving existing asphalt pavement, smooth surface and thus extending the pavement life and restore the existing surface to a safe condition, extending Pavement life, use and rideability

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Inspection & Administration	\$0	\$6,000	\$0	\$0	\$0	\$0	\$6,000
Contingency	\$0	\$4,000	\$0	\$0	\$0	\$0	\$4,000
<b>Total Costs:</b>	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax Fund (174)	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total Costs:</b>	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

### Impact on Operations:

Less routine maintenance, thus freeing up maintenance crews to attend to other needed areas.

## Hermosa Avenue from Banyan Street Wilson Avenue - Pavement Rehabilitation

**Project Location:**

Hermosa Avenue from Banyan Street  
to Wilson Avenue

**Est. Construction Start/End:**

06/2020 - 10/2020

**Project Status:**

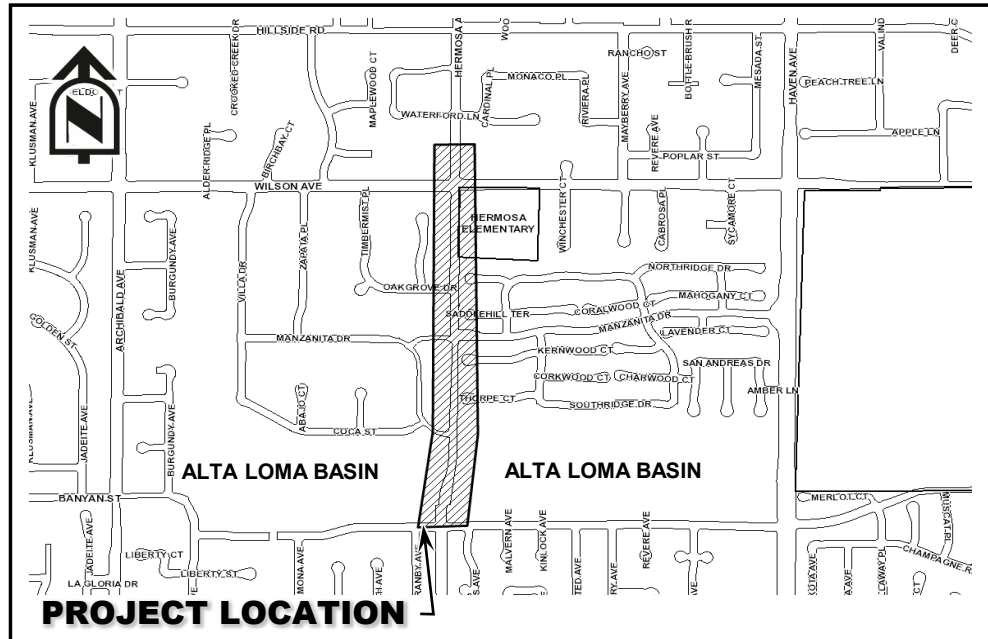
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings


**Description:**

This project involves cold planing and localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, utility valve and manhole cover adjustments, and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$215,000	\$0	\$0	\$0	\$0	\$215,000
Inspection & Administration	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Contingency	\$0	\$21,000	\$0	\$0	\$0	\$0	\$21,000
<b>Total Costs:</b>	\$0	\$266,000	\$0	\$0	\$0	\$0	\$266,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Road Maint & Rehab (179)	\$0	\$266,000	\$0	\$0	\$0	\$0	\$266,000
<b>Total Costs:</b>	\$0	\$266,000	\$0	\$0	\$0	\$0	\$266,000

**Impact on Operations:**

Reduced street maintenance costs for pothole repairs and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Hermosa Avenue north of Foothill Boulevard to Church Street - Street Widening

**Project Location:**

Hermosa Avenue from north of Foothill Boulevard to Church Street

**Est. Construction Start/End:**

05/2019 - 06/2019

**Project Status:**

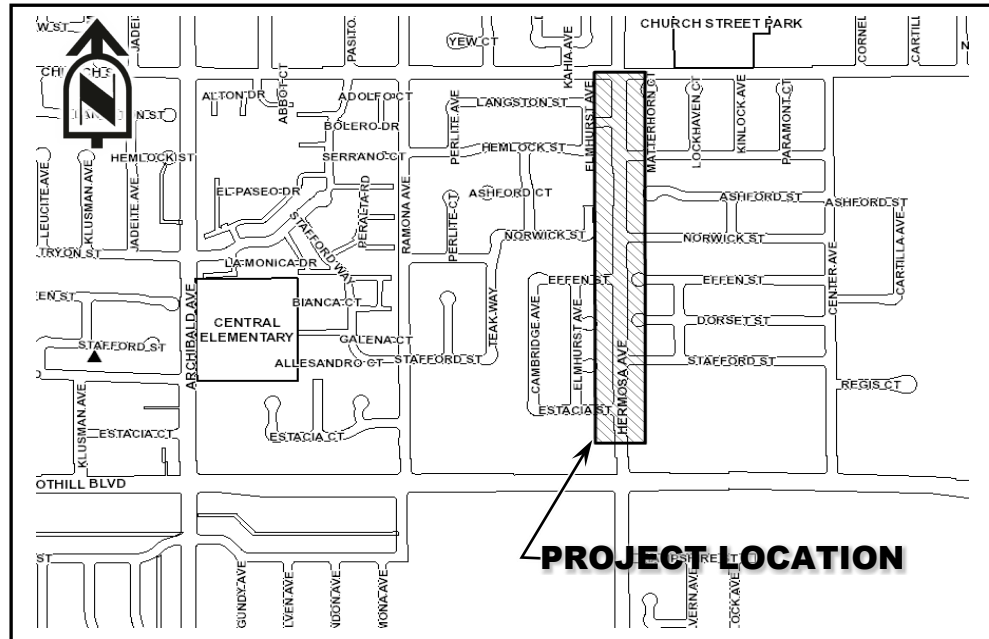
Construction

**Department:**

Engineering

**Project Manager:**

Romeo David



**Description:** This project involves street widening, sidewalk and some pavement rehabilitation.

**Justification:** This project will improve the traffic circulation and pedestrian safety due to wider road and sidewalks.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Inspection & Administration	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Contingency	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
<b>Total Costs:</b>	\$50,000	\$500,000	\$0	\$0	\$0	\$0	\$550,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Beautification Fund (110)	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Gas Tax R&T 7360 Fund (174)	\$50,000	\$150,000	\$0	\$0	\$0	\$0	\$200,000
<b>Total Costs:</b>	\$50,000	\$500,000	\$0	\$0	\$0	\$0	\$550,000

**Impact on Operations:**

Less routine maintenance like weed abatement and repair of existing rock wall, thus freeing up maintenance crews to attend to other needed areas.

## Highland Avenue, from Archibald Avenue to Haven Avenue Pavement Rehabilitation

**Project Location:**

Highland Avenue - From  
Archibald Avenue to Haven  
Avenue

**Est. Construction Start/End:**

07/2020 - 08/2020

**Project Status:**

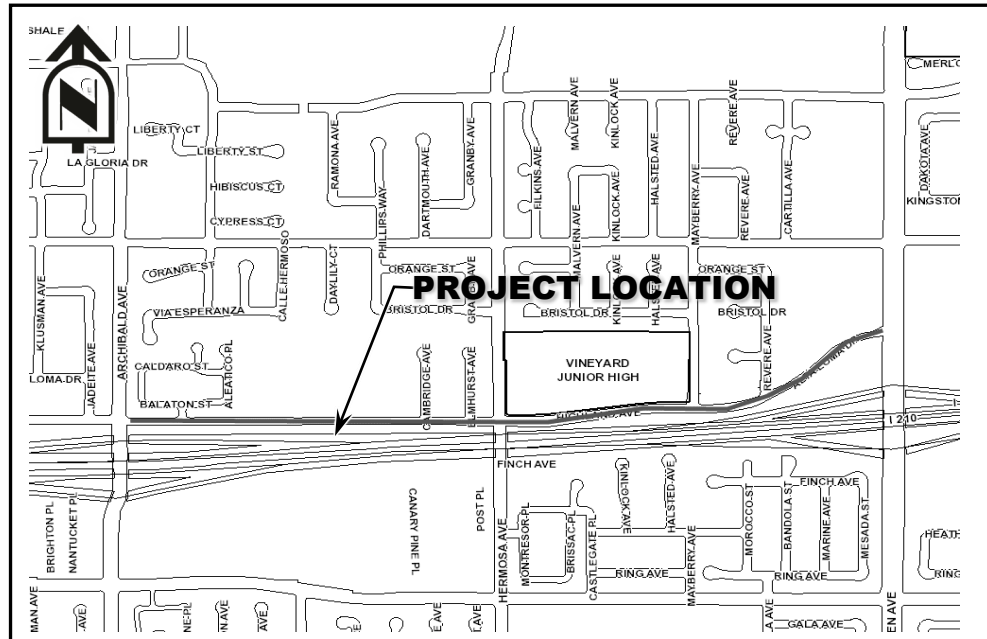
Design

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, traffic signal loop replacement, utility valves and manhole adjustments and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability. In addition, the project is using asphalt rubber and is therefore eligible and will be submitted for a CalRecycle rebate.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Inspection & Administration	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Contingency	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total Costs:</b>	\$0	\$600,000	\$0	\$0	\$0	\$0	\$625,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Road Maintenance & Rehab (179)	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Gas Tax R&T 7360 Fund (174)	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
<b>Total Costs:</b>	\$25,000	\$600,000	\$0	\$0	\$0	\$0	\$625,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Local Street Pavement Rehabilitation at Various Locations

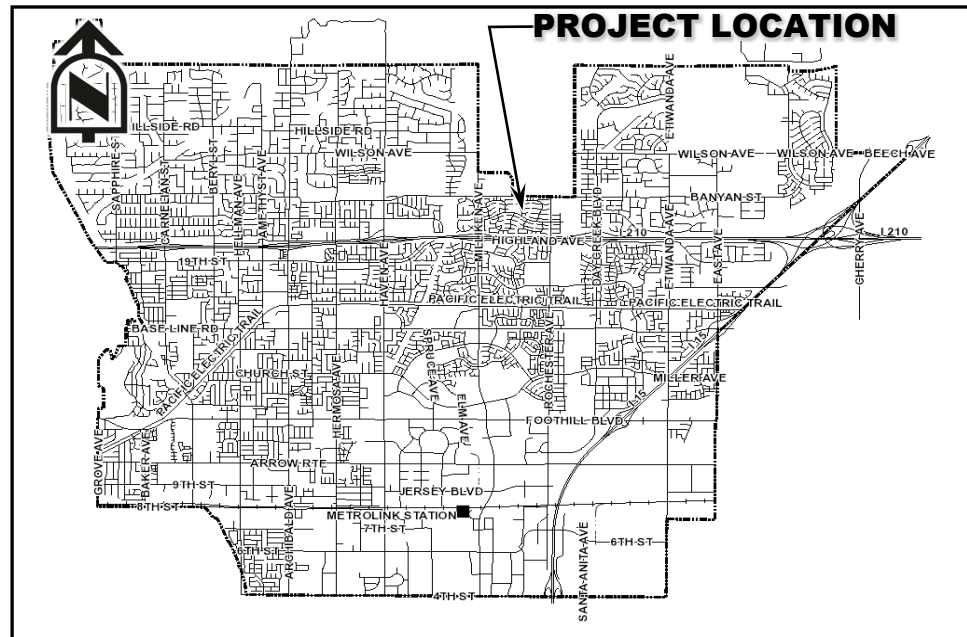
**Project Location:**  
Various Locations

**Est. Construction Start/End:**  
05/2020 –07/2020

**Project Status:**  
Design/Construction

**Department:**  
Engineering

**Project Manager:**  
Romeo David



**Description:** This project involves slurry seals and overlays.

**Justification:** This project if a slurry seal will seal the street thus extending the pavement life and if a pavement overlay will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$40,000	\$30,000	\$0	\$0	\$0	\$0	\$70,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,925,000	\$1,650,000	\$0	\$0	\$0	\$0	\$3,575,000
Inspection & Administration	\$67,500	\$55,000	\$0	\$0	\$0	\$0	\$122,500
Contingency	\$167,500	\$165,000	\$0	\$0	\$0	\$0	\$332,500
<b>Total Costs:</b>	<b>\$2,200,000</b>	<b>\$1,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,100,000</b>

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (176)	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Measure I Fund (177)	\$1,200,000	\$700,000	\$0	\$0	\$0	\$0	\$1,900,000
Road Maintenance & Rehab (179)	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$2,000,000
<b>Total Costs:</b>	<b>\$2,200,000</b>	<b>\$1,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,100,000</b>

**Impact on Operations:** Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Youngs Canyon Road - Extension from Koch Place to Cherry Avenue

**Project Location:**

Youngs Canyon Road - Koch Place  
to Cherry Avenue

**Est. Construction Start/End:**

To be determined

**Project Status:**

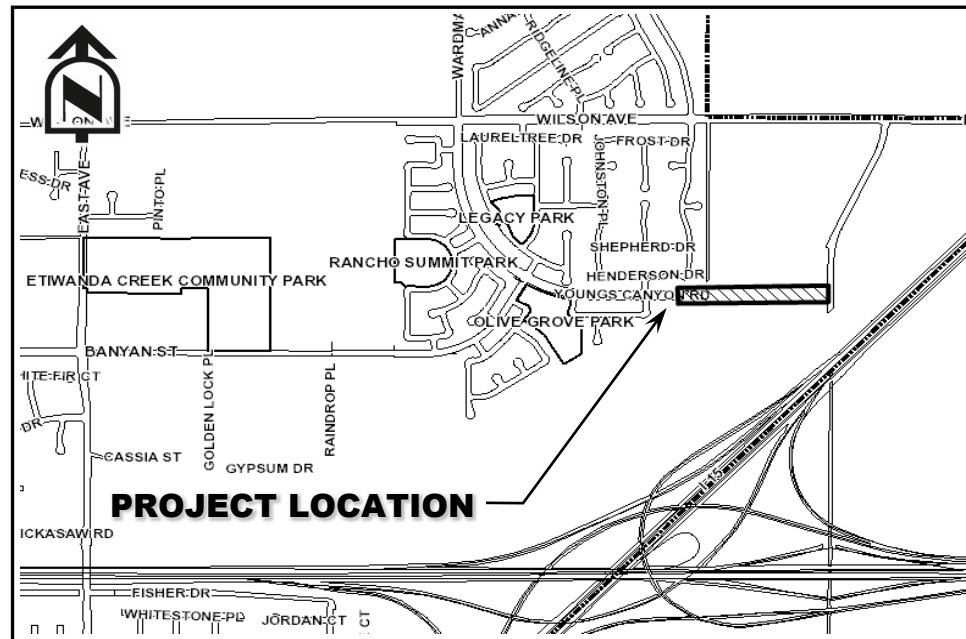
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

The extension of Youngs Canyon Road between Koch Place and Cherry Avenue will construct a 4 lane road across a flood control basin and master plan its extension to Cherry Avenue.

**Justification:**

This extension of Youngs Canyon Road will construct 1,100 foot segment across an existing flood control basin enabling future development east of the basin to complete the remaining 400 foot extension to Cherry Avenue. When completed the new road will relieve traffic congestion on Wilson Avenue to the north.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Design/Plan Review	\$300,000	\$50,000	\$70,000	\$0	\$0	\$0	\$420,000
Right-of-Way	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Construction	\$0	\$0	\$2,600,000	\$0	\$0	\$0	\$2,600,000
Inspection & Administration	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Contingency	\$0	\$0	\$280,000	\$0	\$0	\$0	\$280,000
<b>Total Costs:</b>	\$300,000	\$50,000	\$3,150,000	\$0	\$0	\$0	\$3,500,000

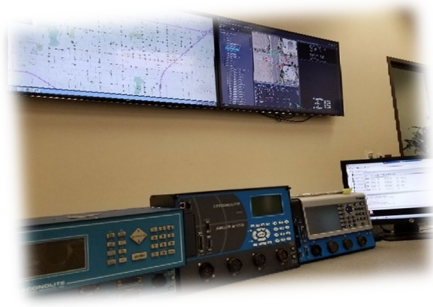
**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
AD 88-2 Etiw/HighInd Imprv (813)	\$300,000	\$50,000	\$3,150,000	\$0	\$0	\$0	\$3,500,000
<b>Total Costs:</b>	\$300,000	\$50,000	\$3,150,000	\$0	\$0	\$0	\$3,500,000

**Impact on Operations:**

Adds 1,100 feet of roadway to the City's street maintenance program. A more detailed cost estimate will be available after the preliminary design phase is complete.

# Traffic



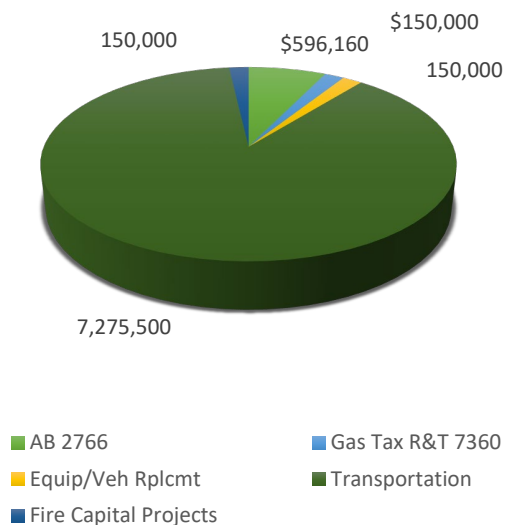
Projects included in this section are typically those that will promote safe and efficient traffic circulation per State and local design standards. Planned projects include two new signals, and upgrades at three intersections, synchronization at three freeway interchanges, and preparation of an ITS master plan.

Traffic Projects are typically funded via Transportation Development Funds (124), Measure I (177), Gas Tax Funds (170, 172, and 174), Street Lighting Districts and some grant funding.

## Project List & FY 2019-20 Expenditures

1 Advance Traffic Management System - Phase I	\$	4,039,000
2 Advance Traffic Management System - Phase 2	\$	2,828,000
3 Day Creek Upgrade LT Phases	\$	235,000
4 School Crosswalk Improvements	\$	83,500
5 Southwest Cucamonga Class I Bike Trail Project	\$	596,160
6 Traffic Signal Battery Back-Up Rplcmnts	\$	300,000
7 Vineyard @ San Bernardino-Traffic Signal Modification	\$	240,000
	<u>\$</u>	<u>4,282,660</u>

## Sources of Funding for FY 2019-20



## Advance Traffic Management System Phase 1

**Project Location:**

Haven Avenue from 4th Street to Wilson Avenue, Vineyard Avenue from Foothill Boulevard to Red Hill Country Club Drive and Foothill Boulevard from Grove Avenue to East Avenue

**Est. Construction Start/End:**

07/2019 - 10/2019

**Project Status:**

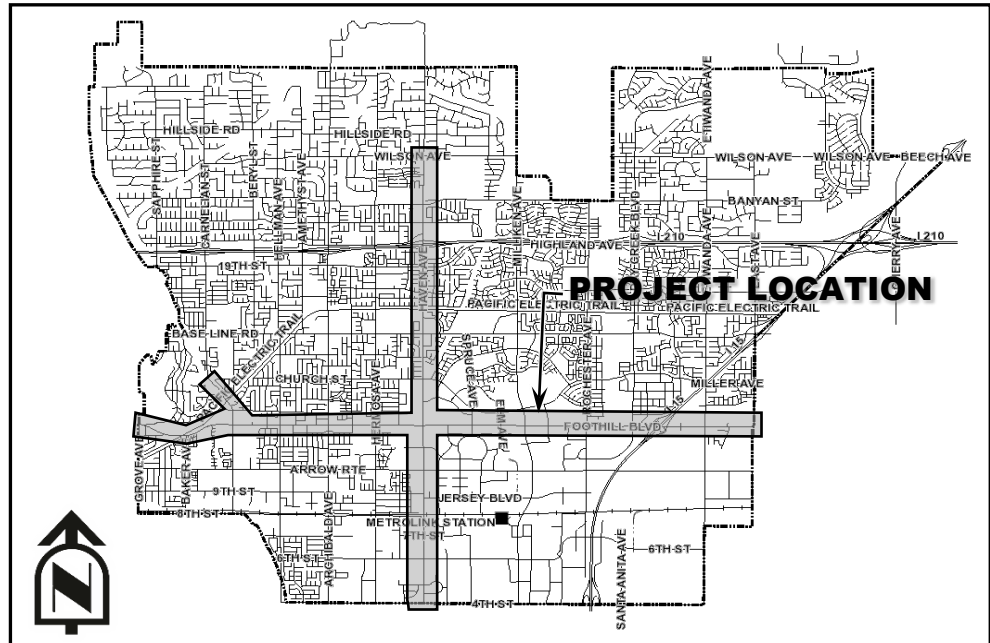
Design/Equipment Specifications

**Department:**

Engineering

**Project Manager:**

Natalie Ávila


**Description:**

Installing Closed Circuit Television (CCTV) cameras, video detection system (VDS), fiber optic cable and conduit, communication networking equipment including hubs, upgrading and integrating over 30 traffic signals into the Traffic Management Center (TMC) located at city hall, and implementing traffic signal coordination timing.

**Justification:**

Implementation of this project will improve monitoring, retiming and coordination of the City's traffic signal system and meet the General Plan goal of community mobility to maximize the operational efficiency of the street system. This project is in accordance with the Traffic Communication Master Plan.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Consultant Services	\$300,000	\$264,000	\$0	\$0	\$0	\$0	\$564,000
Staff Training	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Design/Equipment Specifications	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Procurement/Construction	\$200,000	\$2,200,000	\$0	\$0	\$0	\$0	\$2,400,000
System Testing and Integration	\$0	\$1,020,000	\$0	\$0	\$0	\$0	\$1,020,000
Inspection & Administration	\$0	\$330,000	\$0	\$0	\$0	\$0	\$330,000
Contingency	\$0	\$220,000	\$0	\$0	\$0	\$0	\$220,000
<b>Total Costs:</b>	\$600,000	\$4,039,000	\$0	\$0	\$0	\$0	\$4,639,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Transportation (124)	\$600,000	\$4,039,000	\$0	\$0	\$0	\$0	\$4,639,000
<b>Total Costs:</b>	\$600,000	\$4,039,000	\$0	\$0	\$0	\$0	\$4,639,000

**Impact on Operations:**

Development of the City's ITS will improve maintenance, staff efficiencies and reduce related costs. These system upgrades will also provide substantial improvements in system-wide signal timing and coordination, improving operational efficiencies, while also resulting in fewer citizen complaints.

## Advance Traffic Management System Phase 2

**Project Location:**

Milliken Avenue from 4th Street to Grizzley Drive, 19th Street from Sapphire Street to Haven Avenue, Arrow Route from Grove Avenue to East Avenue, Rochester Avenue from Base Line Road to Banyan Street, and Day Creek Boulevard from Base Line Road to Wilson Avenue

**Est. Construction Start/End:**

05/2019 - 05/2022

**Project Status:**

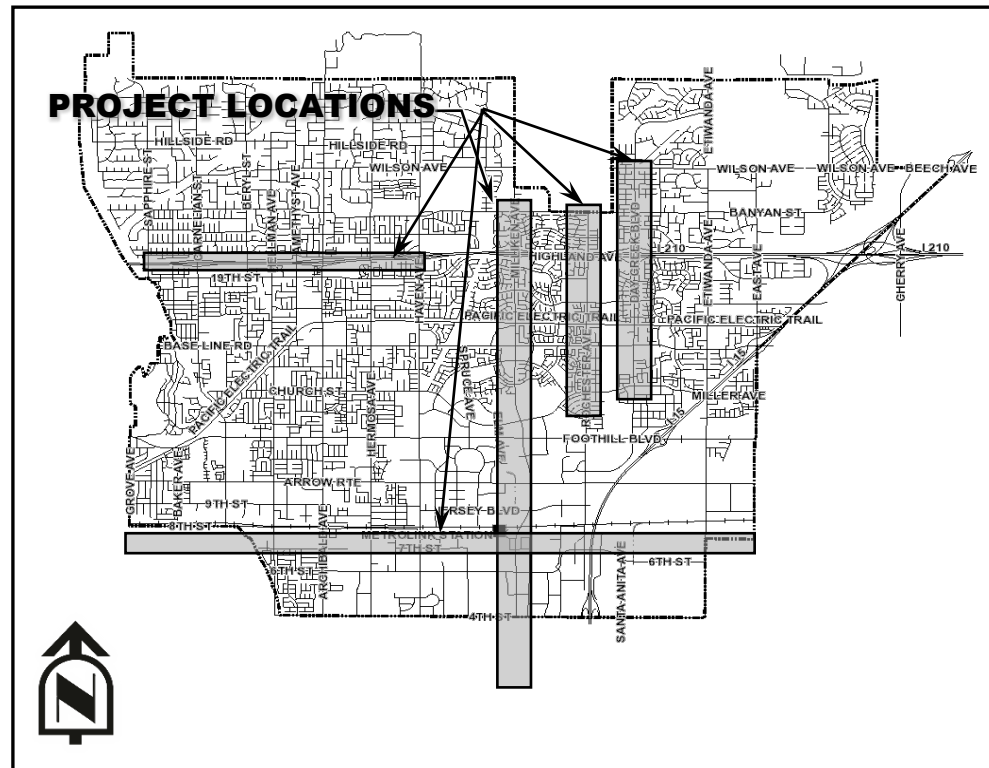
Design

**Department:**

Engineering

**Project Manager:**

Natalie Ávila


**Description:**

Installing Closed Circuit Television (CCTV) cameras, video detection system (VDS), fiber optic cable and conduit, communication networking equipment including hubs, upgrading and integrating over 50 traffic signals into the Traffic Management Center (TMC) located at city hall, and implementing traffic signal coordination timing.

**Justification:**

Implementation of this project will improve monitoring, retiming and coordination of the City's traffic signal system.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Consultant Services	\$0	\$228,000	\$252,000	\$132,000	\$0	\$0	\$612,000
Staff Training	\$0	\$5,000	\$5,000	\$5,000	\$0	\$0	\$15,000
Design/Equipment Specifications	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Procurement/Construction	\$0	\$1,900,000	\$2,100,000	\$1,100,000	\$0	\$0	\$5,100,000
System Testing and Integration	\$0	\$220,000	\$80,000	\$80,000	\$0	\$0	\$380,000
Inspection & Administration	\$0	\$285,000	\$315,000	\$165,000	\$0	\$0	\$765,000
Contingency	\$0	\$190,000	\$210,000	\$110,000	\$0	\$0	\$510,000
<b>Total Costs:</b>	\$0	\$2,828,000	\$2,962,000	\$1,592,000	\$0	\$0	\$7,382,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Transportation (124)	\$0	\$2,828,000	\$2,962,000	\$1,592,000	\$0	\$0	\$7,382,000
<b>Total Costs:</b>	\$0	\$2,828,000	\$2,962,000	\$1,592,000	\$0	\$0	\$7,382,000

**Impact on Operations:**

Development of the City's ITS will improve maintenance, staff efficiencies and reduce related costs. These system upgrades will also provide substantial improvements in system-wide signal timing and coordination, improving operational efficiencies, while also resulting in fewer citizen complaints.

## Day Creek Boulevard - Upgrade Left Turn Phases

**Project Location:**

Day Creek Boulevard at Banyan Street, at Silverberry Street, at Victoria Park Lane, at Sugar Gum Street and at Church Street, Base Line @ Spruce Avenue, Base Line @ Valencia Avenue

**Est. Construction Start/End:**

03/2020 -06/2020

**Project Status:**

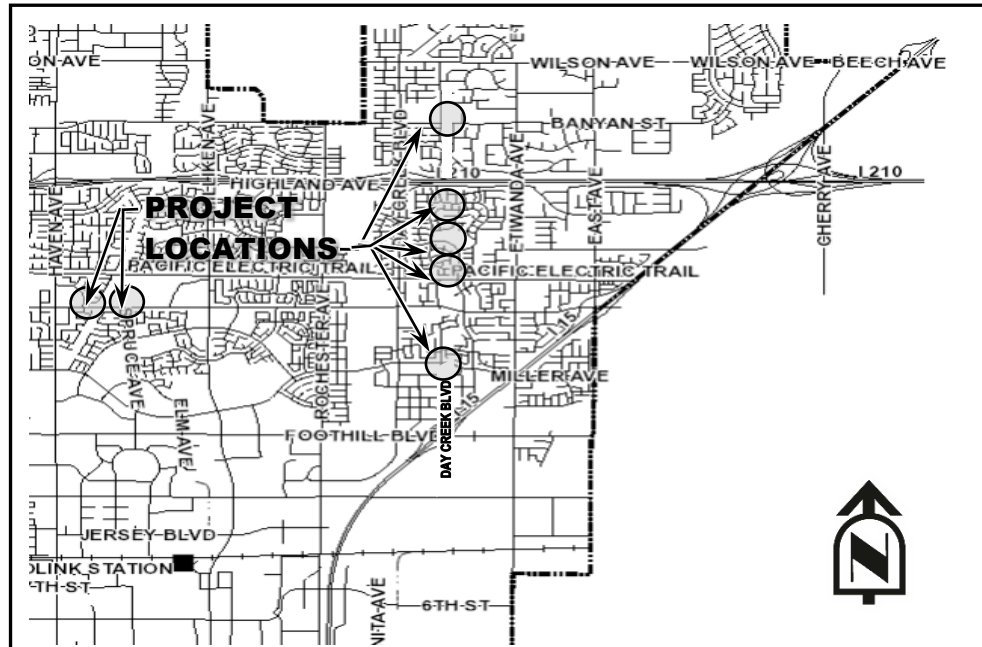
Design/Construction

**Department:**

Engineering

**Project Manager:**

Romeo David


**Description:**

The scope of work to be performed in general consists of, but is not limited to, removing protected-permissive left turn phasing and replacing with flashing yellow arrow left turn phasing for the traffic signals and modify medians on Day Creek Boulevard.

**Justification:**

The project will improve safety and efficiency for vehicles and pedestrians by providing flashing yellow arrow left turn vehicle movements.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$210,000	\$0	\$0	\$0	\$0	\$210,000
Inspection & Administration	\$0	\$24,000	\$0	\$0	\$0	\$0	\$24,000
Contingency	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total Costs:</b>	\$0	\$329,000	\$0	\$0	\$0	\$0	\$329,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Transportation (124)	\$0	\$282,000	\$0	\$0	\$0	\$0	\$282,000
Gas Tax (174)	\$0	\$47,000	\$0	\$0	\$0	\$0	\$47,000
<b>Total Costs:</b>	\$0	\$329,000	\$0	\$0	\$0	\$0	\$329,000

**Impact on Operations:**

After installation and configuration of the protected left turn traffic signal equipment, no additional impacts on operations will be present.

## School Crosswalk Improvements

**Project Location:**

Layton Street / Church Street;  
Feron Boulevard / Villa Del Norte  
Driveway; Amethyst Avenue / La  
Grande Street; Archibald Avenue /  
Tryon Street; Archibald Avenue /  
9th Street; Baker Avenue / 9th  
Street; Baker Avenue / Salina  
Street

**Est. Construction Start/End:**

05/2020 - 06/2020

**Project Status:**

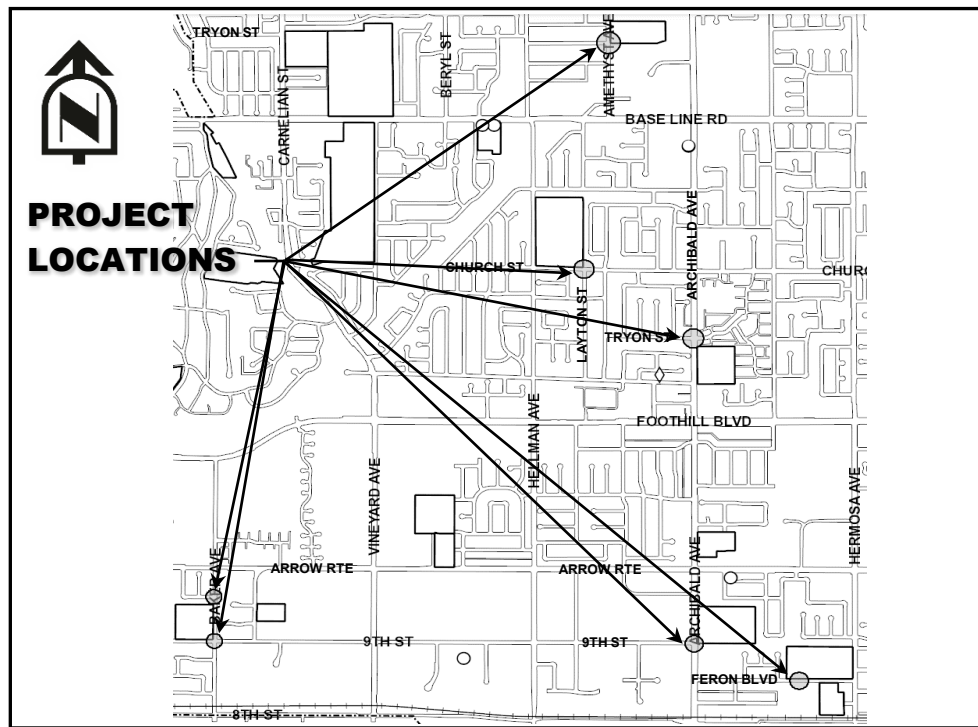
Design/Construction

**Department:**

Engineering

**Project Manager:**

Natalie Ávila


**Description:**

This project will enhance school crosswalks at seven locations by modifying access curb ramps, installing solar powered flashing beacons (at specified locations), and installing high visibility crosswalks.

**Justification:**

This project will improve pedestrian safety at existing crosswalks immediately adjacent to school sites.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/2023</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$27,800	\$0	\$0	\$0	\$0	\$27,800
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$53,700	\$157,800	\$0	\$0	\$0	\$211,500
Inspection & Administration	\$0	\$2,000	\$6,000	\$0	\$0	\$0	\$8,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$83,500	\$163,800	\$0	\$0	\$0	\$247,300

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>TBD</u>	<u>TOTAL</u>
Community Dev Block Grant (204)	\$0	\$0	\$163,800	\$0	\$0	\$0	\$163,800
Transportation Fund (124)	\$0	\$83,500	\$0	\$0	\$0	\$0	\$83,500
<b>Total Costs:</b>	\$0	\$83,500	\$163,800	\$0	\$0	\$0	\$247,300

**Impact on Operations:**

This project will add additional square feet to the City's street striping maintenance, requiring routine maintenance. Traffic maintenance is also anticipated to have additional asset equipment to routinely maintain.

Project Number:  
 JL Key: 1953  
 Object: 5650  
 District: 2, 3

## Southwest Cucamonga Class I Bike Trail Project

### Project Location:

Cucamonga Creek Channel from Foothill Boulevard to 4th Street and Deer Creek Channel from Church Street to 4th Street

**Est. Construction Start/End:**  
 10/2017 - 10/2019

### Project Status:

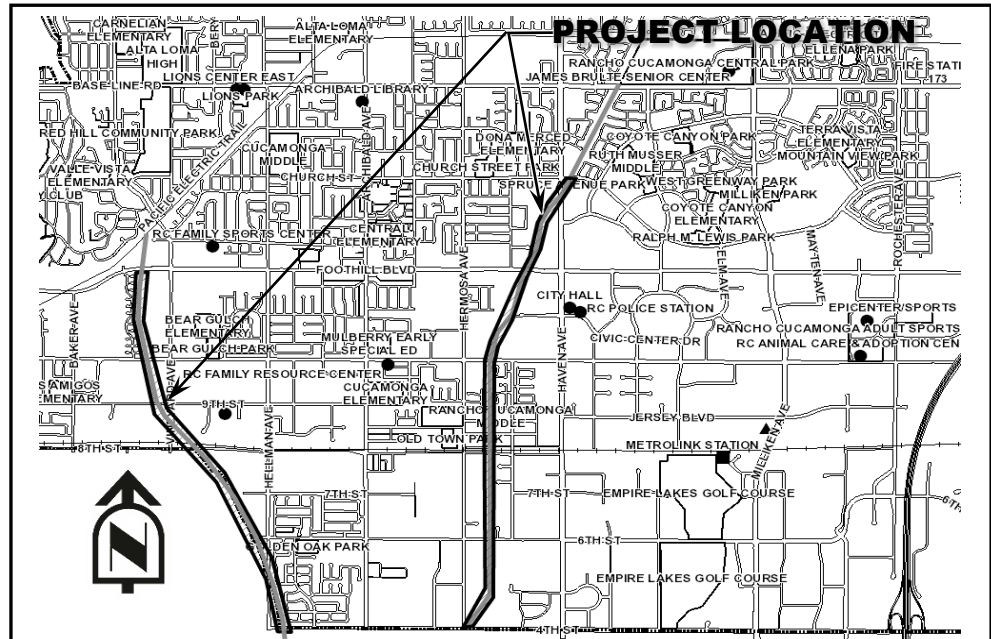
Design/Construction

### Department:

Engineering

### Project Manager:

Natalie Ávila



### Description:

Construction of approximately 2.46 miles (12, 990 LF) of Class I shared-use path improvements along the Cucamonga Creek Channel from Foothill Boulevard to 4th Street. Construction of 1.85 miles (9,750 LF) along the Deer Creek Channel shared-use path from Church Street to 4th Street. Public Outreach and Education element designed to encourage and promote alternatives to motorized transportation.

### Justification:

Clean Transportation Funding Grant from the Mobile Source Air Pollution Reduction Review Committee (MSRC) Contract Number ML16052, helping to reduce vehicle emissions in the South Coast Air Quality Management District.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Education Outreach	\$10,000	\$5,000	\$0	\$0	\$0	\$0	\$15,000
Design/Plan Review	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$501,000	\$0	\$0	\$0	\$0	\$501,000
Inspection & Administration	\$0	\$40,060	\$0	\$0	\$0	\$0	\$40,060
Contingency	\$0	\$50,100	\$0	\$0	\$0	\$0	\$50,100
<b>Total Costs:</b>	\$40,000	\$596,160	\$0	\$0	\$0	\$0	\$636,160

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
AB 2766 Air Qual Imprv Fund (105)	\$40,000	\$596,160	\$0	\$0	\$0	\$0	\$636,160
<b>Total Costs:</b>	\$40,000	\$596,160	\$0	\$0	\$0	\$0	\$636,160

### Impact on Operations:

This project will add approximately 4.3 miles to the City's trail maintenance, requiring routine maintenance. Striping and Signs maintenance crews are also anticipated to be impacted with possibility of additional routine maintenance of wayfinding trail signs and routine maintenance along Class I bicycle path.

Project Number:  
JL Key: 1980  
Object: 5650  
District: 3, 4

## Traffic Signal Battery Back-up System Replacement

**Project Location:**

Multiple intersections throughout City

**Est. Construction Start/End:**

July/2019 – June/2020

**Project Status:**

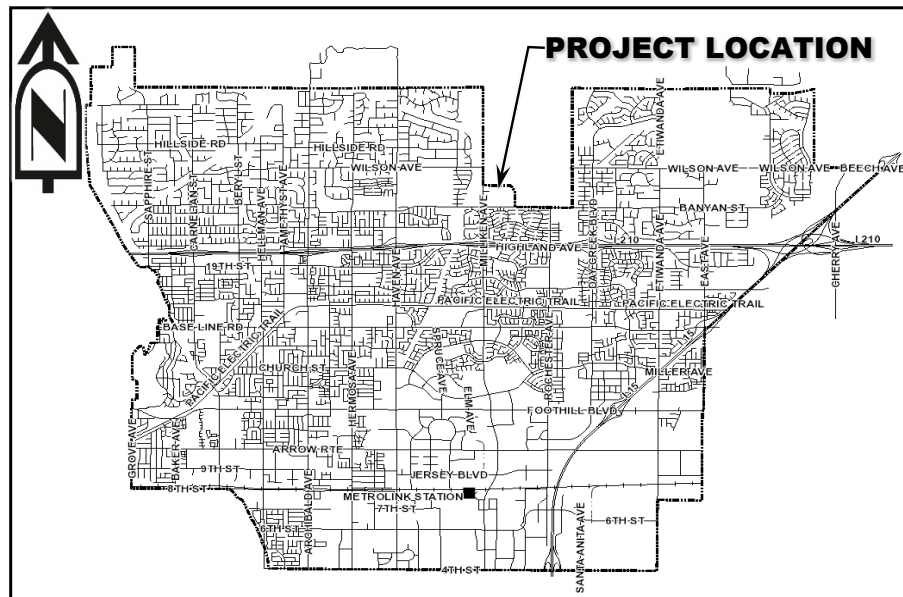
Design/Construction

**Department:**

PWSD

**Project Manager:**

Ernie Ruiz



**Description:** Phase 2 in a multi-phase project to replace all TESCO battery back up systems.

**Justification:** The TESCO battery backup systems are no longer supported by the manufacturer and have seriously degraded reliability. There are 11 to 12 years old. The existing units are no longer repairable and must be replaced with a new system when they fail. The battery backup system will place a signalized intersection in 4-way flash during a power outage.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$270,000	\$270,000	\$270,000	\$270,000	\$270,000	\$0	\$1,350,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$0	\$150,000
<b>Total Costs:</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$1,500,000</b>

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax R&T 7360 (174)	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$750,000
Eq/Veh Replacement (712)	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$750,000
<b>Total Costs:</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$1,500,000</b>

**Impact on Operations:** The new battery backup systems will be significantly more reliable than the present TESCO systems.

## Vineyard Avenue at San Bernardino Road - Traffic Signal Modification

**Project Location:**

Vineyard Avenue at San Bernardino Road

**Est. Construction Start/End:**

7/2019 - 9/2019

**Project Status:**

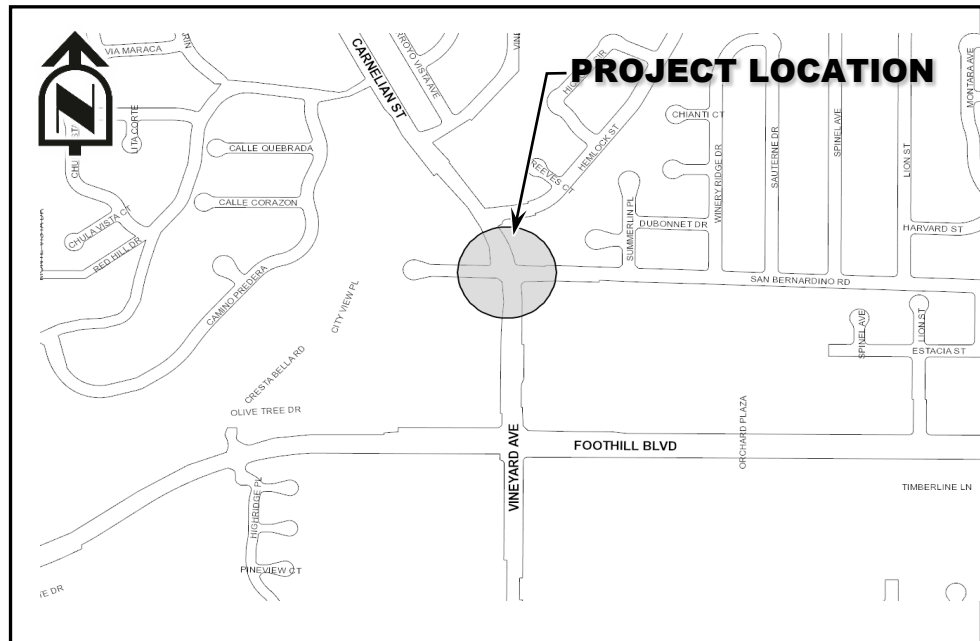
Design/Procurement

**Department:**

Engineering

**Project Manager:**

Natalie Ávila

**Description:**

The scope of work to be performed in general consists of, but not limited to, upgrade modifications of the traffic signal at Vineyard Avenue and San Bernardino Road, fiberoptic interconnect and related equipment from Vineyard Avenue at Foothill Boulevard to Carnelian Avenue at Red Hill Country Club.

**Justification:**

The modifications of the traffic signal will improve emergency preemption interface with the new adjacent public safety facility, improve traffic safety and reduce traffic congestion.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Procurement/Construction	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Inspection & Administration	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Contingency	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total Costs:</b>	\$0	\$240,000	\$0	\$0	\$0	\$0	\$240,000

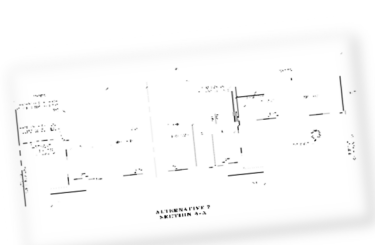
**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Fire District (288)	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Transportation Fund (124)	\$0	\$90,000	\$0	\$0	\$0	\$0	\$90,000
<b>Total Costs:</b>	\$0	\$240,000	\$0	\$0	\$0	\$0	\$240,000

**Impact on Operations:**

The city will be responsible to pay for the cost of fiber optic communication maintenance. After signal modifications, no additional impacts on the operations will be present. The estimated cost of electricity and maintenance for a traffic signal with communication equipment is \$6,000 per year.

# Future & Unfunded



Projects included in this section are those that have been identified as being a priority project, but lack dedicated funding for the upcoming fiscal year. Projects designated as 'Unfunded' could be waiting on grant approval, or perhaps until new special fund monies become available. Projects showing dedicated funding sources, but which are slated to occur in future fiscal years have mostly likely been delayed due to issues with the future funding of operating expenses.

We have included this section to illustrate those priority projects that did not make it into the FY 2018/19 budget for either of these reasons. Staff is actively pursuing grant or other fundraising opportunities for several of the projects in this section.

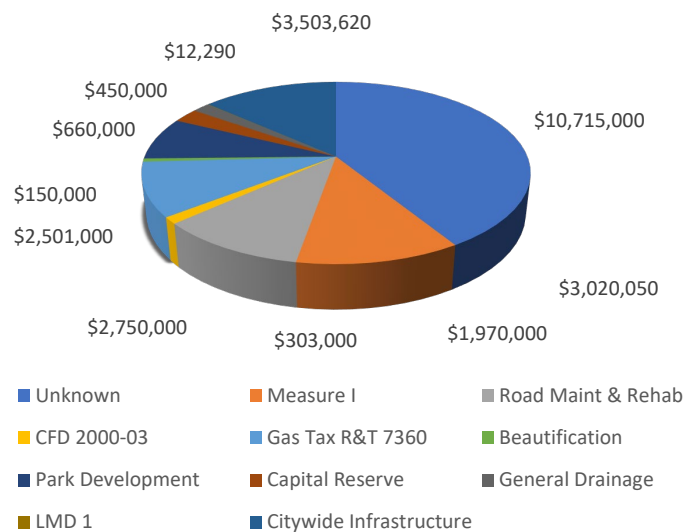
## Project List & FY 2019-20 Expenditures

1	4th St:Haven Ave to Ontario Mills Dr- Pavement Rehab	\$	980,000
2	Amethyst Ave: Hillside-FCD Stockpile Pavement Rehab	\$	250,000
3	Arrow Rte and Rochester Ave n/w corner- Animal Exercise Yard Improv	\$	80,000
4	Banyan St: Haven-Rochester - Pavement Rehab	\$	1,096,000
5	Center Ave from 6th-8th St-Pavement Rehab	\$	356,000
6	Central Park- Amphitheatre	\$	7,000,000
7	Central Park- Dog Park	\$	3,000,000
8	Central Park-Trail Head Improvements	\$	1,890,000
9	Citywide-HVAC & Lighting Controls	\$	400,000
10	Civic Center - Waterproff/Planter Box Repair	\$	50,000
11	Cucamonga Storm Drain Upper Ph3 e/o Hellman, Amethyst-19th	\$	4,119,670
12	Cultural Center-Loading Bay	\$	210,000
13	Davis Trail Landslide	\$	12,290
14	Foothill Blvd from Grove-San Bernardino Rd- Street Improvements	\$	1,415,000
15	Foothill Blvd: Milliken- Freeway I-15 - Pavement Rehab	\$	1,950,000
16	Haven Ave: Wilson Ave-Vivienda St Community Trail	\$	150,000
17	Heritage Park-Bridge Replacment Design	\$	50,000
18	Lemon Ave from London - Haven Pavement Rehab	\$	665,000
19	Milliken Ave from 210 Freeway to Banyan St- Pavement Rehab	\$	497,000
20	Olive Grove Park Improvements	\$	303,000

## Project List & FY 2019-20 Expenditures

21	Rochester Ave from 6th St to Arrow Rte- Pavement Rehab	\$	611,000
22	Rochester Ave: Base Line Rd-Banyan - Pavement Rehab	\$	950,000
23	Westerly Sidewalk Improv along Hellman Ave.	\$	57,200
		<u>\$</u>	<u>26,092,160</u>

## Sources of Funding for FY 2019-20



## 4th Street from Haven Avenue to Ontario Mills Drive - Pavement Rehabilitation

**Project Location:**

4th Street- From Haven Avenue to  
Ontario Mills Drive

**Est. Construction Start/End:**

09/2020 - 11/2020

**Project Status:**

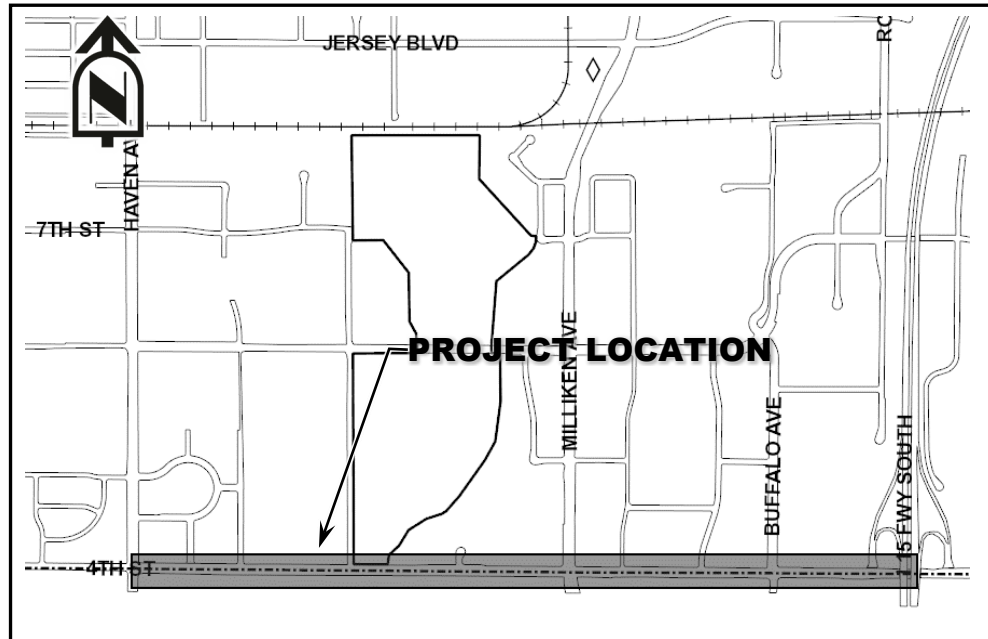
Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

Pavement resurface partnership with City of Ontario. (northerly side of 4th Street) This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, video detection system, utility valves and manhole adjustments, pavement striping and curb ramps.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/22</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$720,000	\$0	\$0	\$0	\$720,000
Inspection & Administration	\$0	\$0	\$128,000	\$0	\$0	\$0	\$128,000
Contingency	\$0	\$0	\$72,000	\$0	\$0	\$0	\$72,000
<b>Total Costs:</b>	\$0	\$0	\$980,000	\$0	\$0	\$0	\$980,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/22</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax R&T 7360 Fund (174)	\$0	\$0	\$480,000	\$0	\$0	\$0	\$480,000
Measure I Fund (177)	\$0	\$0	\$500,000	\$0	\$0	\$0	\$500,000
<b>Total Costs:</b>	\$0	\$0	\$980,000	\$0	\$0	\$0	\$980,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Amethyst Avenue from Hillside Road to FCD Stockpile Area Pavement Rehabilitation

**Project Location:**

Amethyst Avenue, from Hillside Road to FCD Stockpile Area

**Est. Construction Start/End:**

06/2019 – 08/2019

**Project Status:**

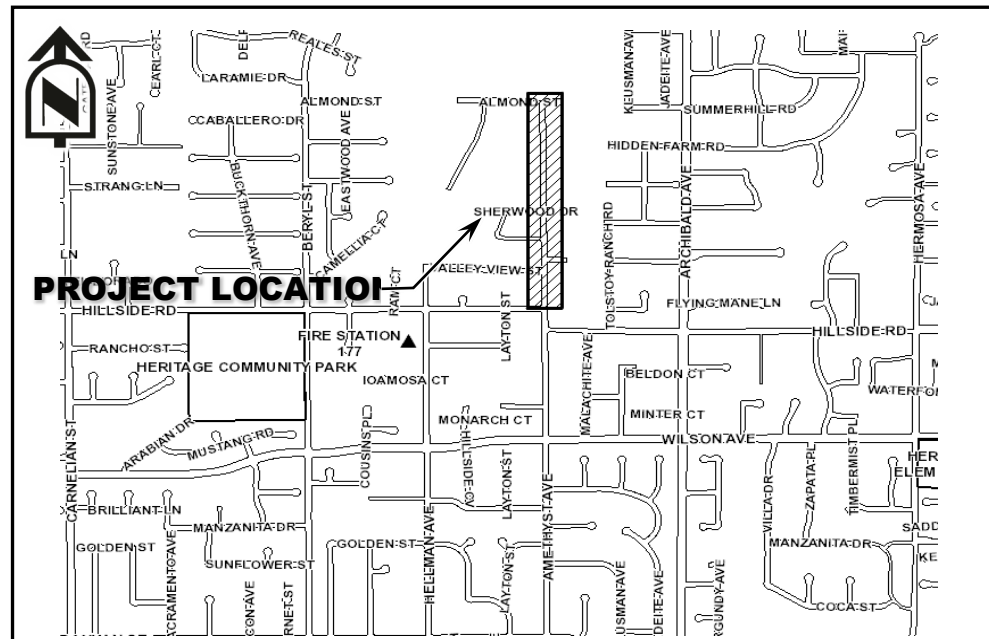
Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, utility valves and manhole adjustments and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability. In addition, the project is using asphalt rubber and is therefore eligible and will be submitted for a CalRecycle rebate.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax R&T 7360 Fund (174)	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Arrow Route and Rochester Avenue, North West Corner - Animal Exercise Yard Improvements

**Project Location:**

Arrow Route and Rochester  
Avenue, North West Corner -  
Animal Exercise Yard  
Improvements

**Est. Construction Start/End:**

02/2020-03/2020

**Project Status:**

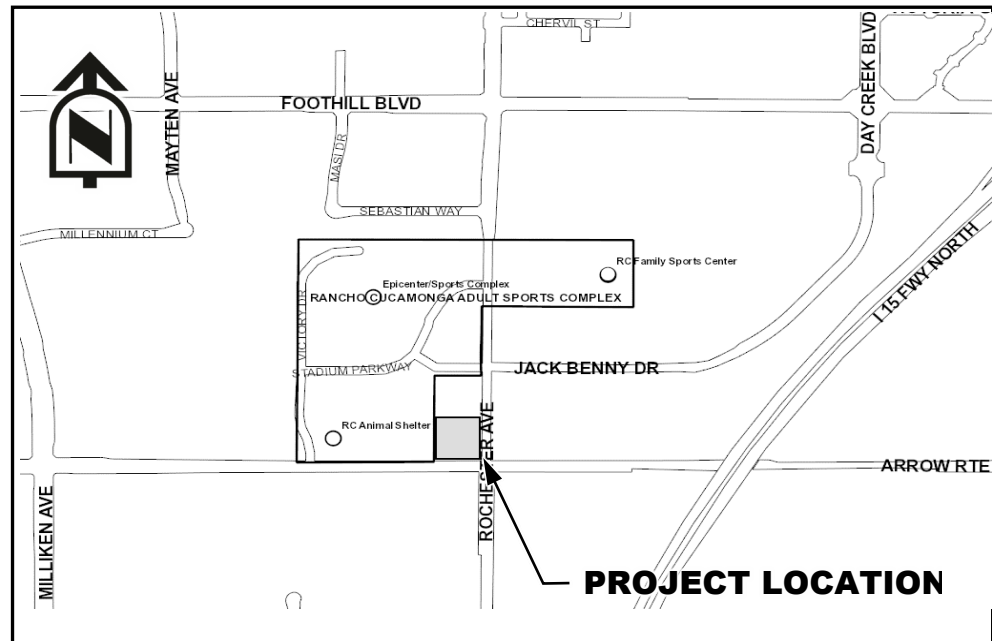
Design/Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project will install 650 linear feet of chain link fencing, with self-closing gates, to provide a enclosure area for exercising animal. The enclosure will in installed on a parcel adjacent to the Rancho Cucamonga Animal Care Center.

**Justification:**

The fenced enclosure is needed to provide a secure area to exercise animals housed at the animal care center for better health and well-being.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Park Development Fund (120)	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
<b>Total Costs:</b>	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000

**Impact on Operations:**

This project will reduce maintenance and weed abatement costs to a portion of the 2 acre parcel.

## Banyan Street from Haven Avenue to Rochester Avenue Pavement Rehabilitation

**Project Location:**

Banyan Street from Haven Avenue  
to Rochester Avenue

**Est. Construction Start/End:**

06/2019 – 08/2019

**Project Status:**

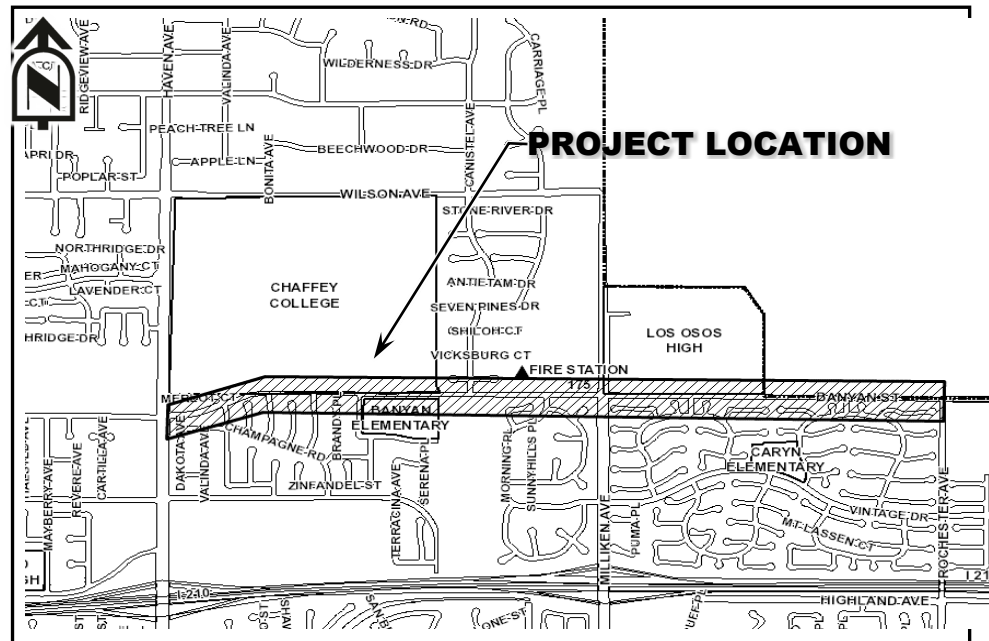
Design

**Department:**

Engineering

**Project Manager:**

Natalie Ávila/Romeo David

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, video detection zoning adjustment, utility valves and manhole adjustments and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability. In addition, the project is using asphalt rubber and is therefore eligible and will be submitted for a CalRecycle rebate.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$960,000	\$960,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$96,000	\$96,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$1,096,000	\$1,096,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (177)	\$0	\$0	\$0	\$0	\$0	\$1,096,000	\$1,096,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$1,096,000	\$1,096,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Center Avenue from 6th Street to 8th Street - Pavement Rehabilitation

**Project Location:**

Center Avenue - From 6th Street  
to 8th Street

**Est. Construction Start/End:**

TBD

**Project Status:**

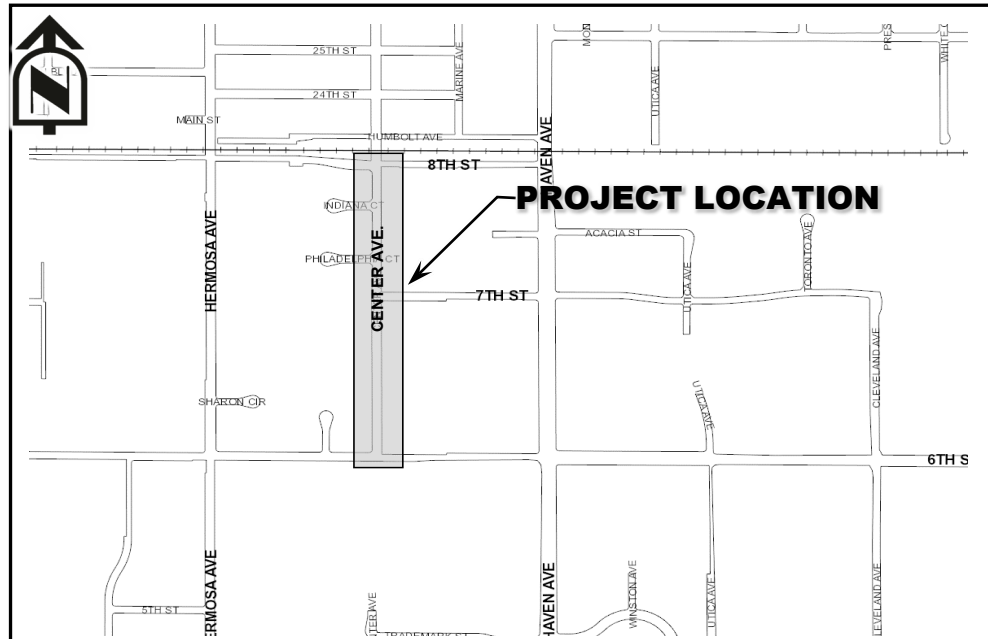
Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, utility valves and manhole adjustments, pavement striping and curb ramps.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$32,000	\$32,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$265,000	\$265,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$32,500	\$32,500
Contingency	\$0	\$0	\$0	\$0	\$0	\$26,500	\$26,500
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$356,000	\$356,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax R&T 7360 Fund (174)	\$0	\$0	\$0	\$0	\$0	\$356,000	\$356,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$356,000	\$356,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Central Park Amphitheatre

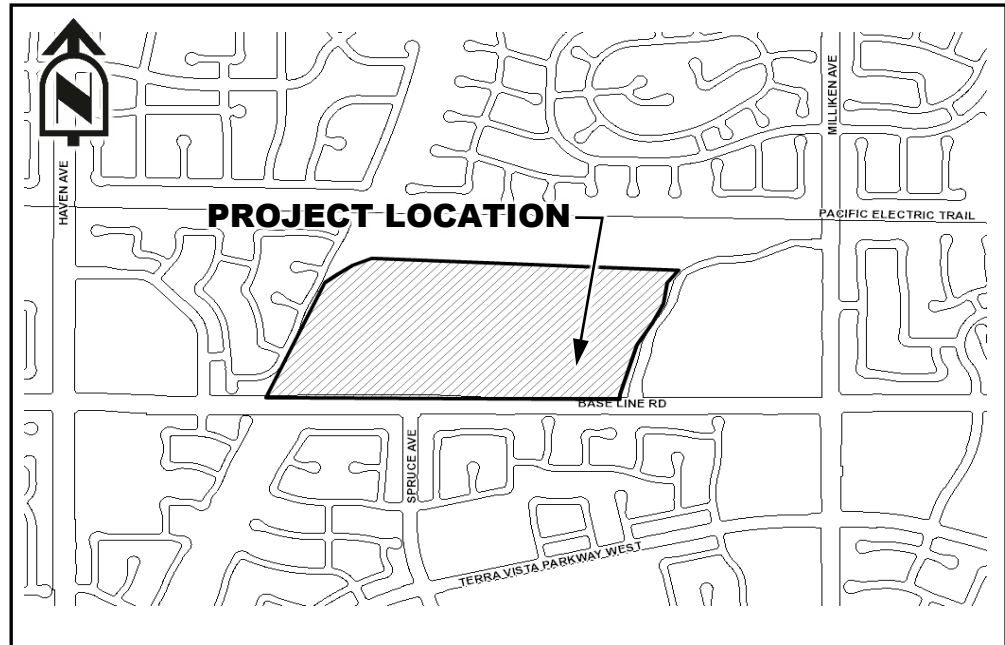
**Project Location:**  
 11200 Base Line Road

**Est. Design Start/End:**  
 TBD

**Project Status:**  
 Applying for grant funding

**Department:**  
 Community Services

**Project Manager:**  
 Jeff Benson



**Description:** In November 2018, Prop 68 was passed making state park bond funding available for agencies to apply for a minimum of \$200,000 and a maximum of \$8.5 million dollars. Based on community priorities identified in the Central Park Master Plan vision, the City's exploring this grant opportunity for a segment of the park.

**Justification:** It was determined through our 2017-2018 Central Park Master Plan Update community workshops, and surveys, that an amphitheater is one of the most requested amenities from residents.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$7,000,000	\$7,000,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$7,000,000	\$7,000,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
TBD	\$0	\$0	\$0	\$0	\$0	\$7,000,000	\$7,000,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$7,000,000	\$7,000,000

**Impact on Operations:** Completion of this project will add a new amenity to the City's inventory which will require operational expenditures for maintenance, staffing, overhead and utilities.

## Central Park - Dog Park

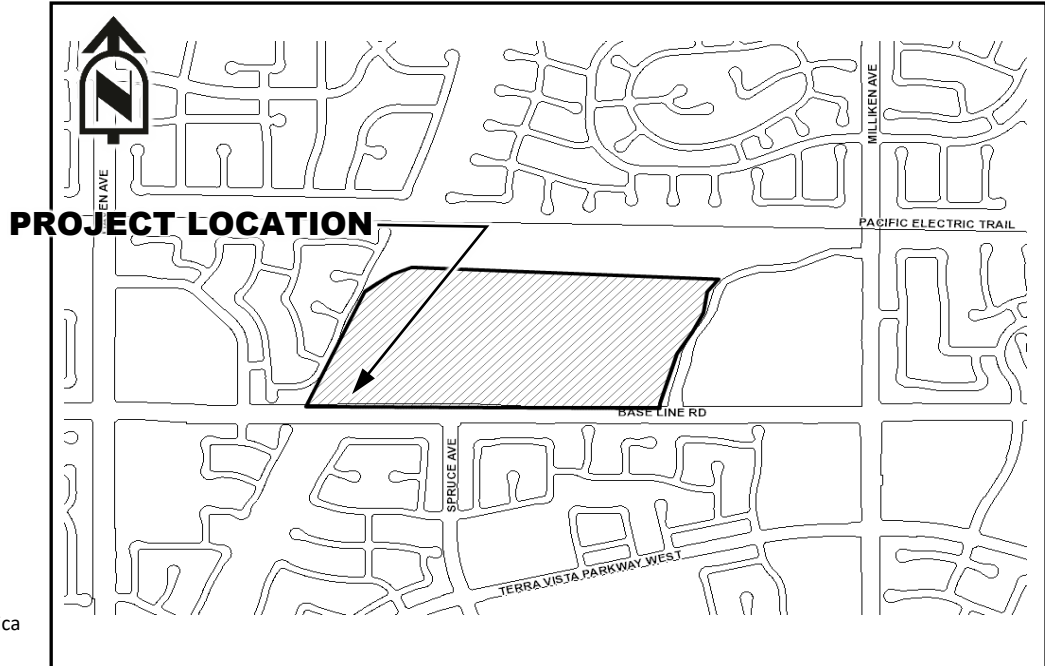
**Project Location:**  
 11200 Base Line Road

**Est. Design Start/End:**  
 TBD

**Project Status:**  
 Awaiting potential funding.

**Department:**  
 Community Services

**Project Manager:**  
 Jennifer Hunt Gracia & Veronica  
 Fincher



**Description:** Dog park as included in the revised Central Park Master Plan.

**Justification:** It was determined through our 2017-2018 Central Park Master Plan Update community workshops, and surveys, that a dog park is among the most requested amenities from residents.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
TBD	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000

**Impact on Operations:** Completion of this project will add a new amenity to the City's inventory which will require operational expenditures for maintenance, staffing, overhead and utilities.

## Central Park - Trail Head Improvements

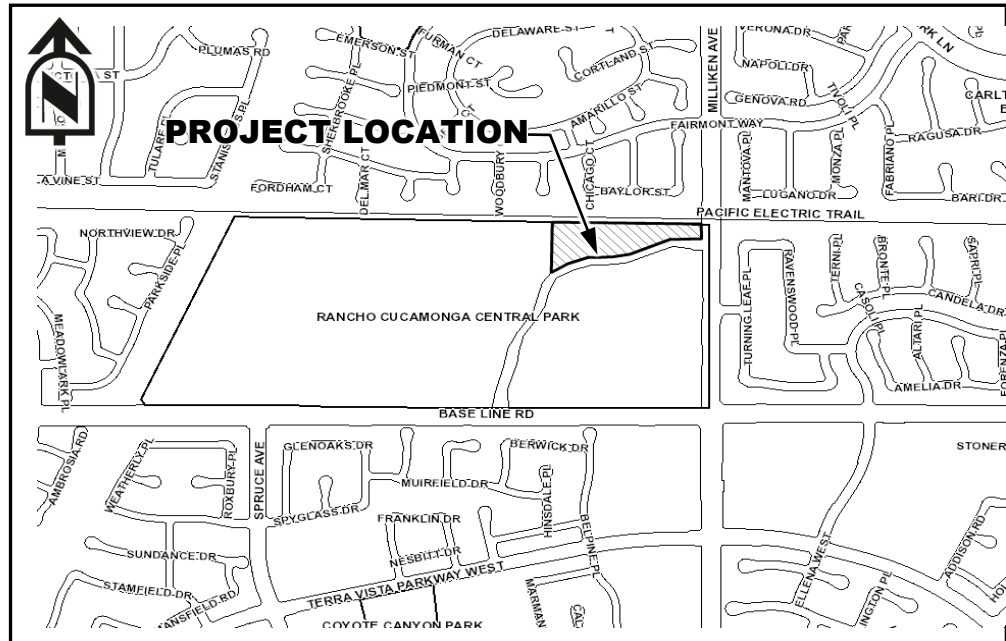
**Project Location:**  
11200 Base Line Road

**Est. Construction Start/End:**  
TBD

**Project Status:**  
Design/Construction

**Department:**  
Community Services/Parks

**Project Manager:**  
Jennifer Hunt Gracia



**Description:** This project will provide the next phase of development for Central Park, which will include the design for approximately 2.5 acres north of the interior road, between the PE Trail and the Community Center. Included will be additional parking and a restroom facility for trail users.

**Justification:** Responds to requests from residents for further improvements to Central Park and provides ADA accessibility between the Community Center and the PE Trail.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Design/Plan Review	\$219,030	\$0	\$0	\$0	\$0	\$0	\$219,030
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$1,530,000	\$0	\$0	\$0	\$1,530,000
Inspection & Administration	\$0	\$0	\$55,000	\$0	\$0	\$0	\$55,000
Contingency	\$0	\$0	\$305,000	\$0	\$0	\$0	\$305,000
<b>Total Costs:</b>	<b>\$249,030</b>	<b>\$0</b>	<b>\$1,890,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,139,030</b>

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Park Development (120)	\$249,030	\$0	\$1,890,000	\$0	\$0	\$0	\$2,139,030
<b>Total Costs:</b>	<b>\$249,030</b>	<b>\$0</b>	<b>\$1,890,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,139,030</b>

**Impact on Operations:** This project, will require facility maintenance such as cleaning of the restroom, waste disposal as well as landscape and irrigation maintenance as needed.

Project Number:  
 JL Key: 1978  
 Object: 5650  
 District: 1, 2, 3 & 4

## Citywide - HVAC & Lighting Controls

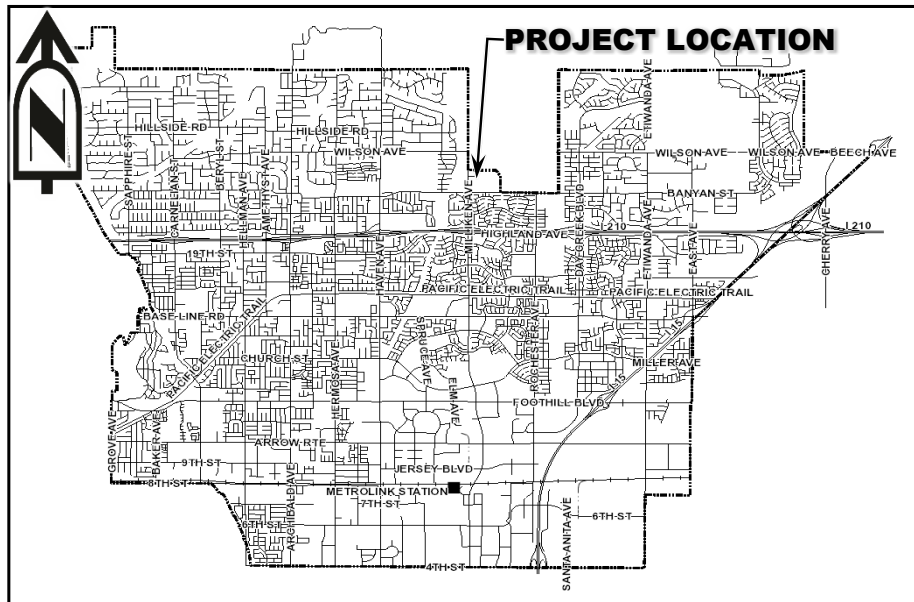
**Project Location:**  
 Multiple City facilities  
 (approximately 14 buildings)

**Est. Construction Start/End:**  
 July 2019 – June 2020

**Project Status:**  
 Design/Construction

**Department:**  
 PWSD

**Project Manager:**  
 Neil Plummer



**Description:** Design and installation of new interior and exterior lighting controls, along with HVAC controls, for all City buildings.

**Justification:** Appropriation carried over from FY 18/19. the current lighting controls for the Civic Center were installed in 1989 and are obsolete. There is no manufacturer support for the current controls and parts are no longer available. The same situation is true for Central Park, Lions West, Lions East and the Archibald Library. Out of date HVAC control systems are another problem for City facilities. Since there are in use at the same time, this project's goal is a standardized HVAC and lighting system (preferably with Wi-Fi) for all City facilities.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
<b>Total Costs:</b>	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000

**Impact on Operations:** Once installed, the new HVAC and lighting control systems will have significantly reduced operational and maintenance requirements/costs compared to the present controls. All City facilities will use a standard system.

Project Number:  
JL Key: 1950  
Object: 5650  
District: 2

## Civic Center - Waterproofing and Planter Box Repair

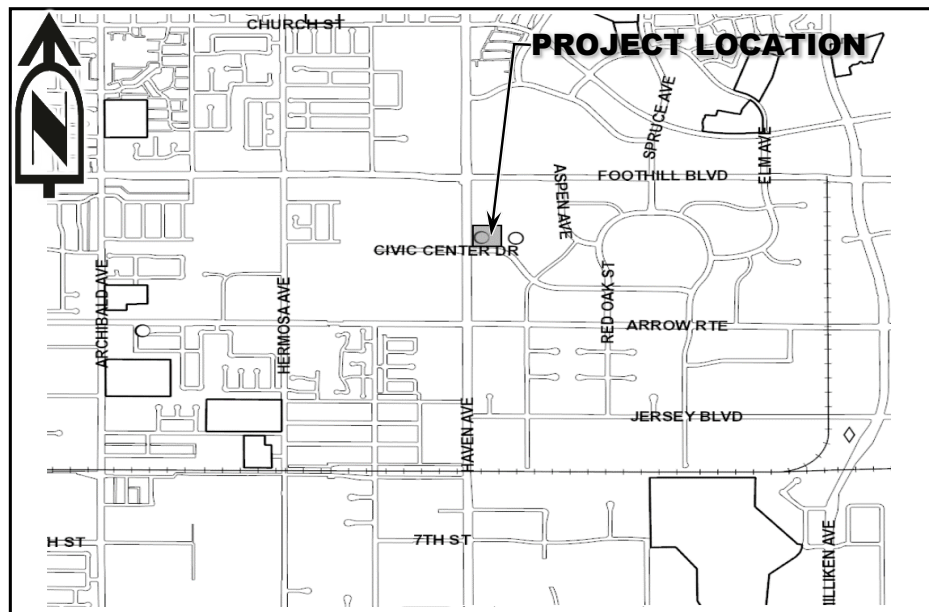
**Project Location:**  
Civic Center

**Est. Construction Start/End:**  
July 2019 – June 2020

**Project Status:**  
Design/Construction

**Department:**  
PWSD

**Project Manager:**  
Neil Plummer



**Description:** Waterproof and repair all existing exterior joints at the Civic Center. Also include re-sealing of the upper level planters and complete weather proofing of the exterior bricks.

**Justification:** Appropriation carried over from FY 18/19. The existing elastomeric caulking and exterior joints at the Civic Center are in need of repairs. Along with the exterior joints, the exterior brick face of the Civic Center needs to have a weather proofing brick seal applied to prevent the brick from absorbing moisture.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
<b>Total Costs:</b>	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000

**Impact on Operations:** None

## Cucamonga Storm Drain Upper Phase 3, e/o Hellman Avenue, Amethyst Street-19th Street

**Project Location:**

East of Hellman Avenue, Amethyst Street to 19th Street

**Est. Construction Start/End:**

04/2019 – 10/2019

**Project Status:**

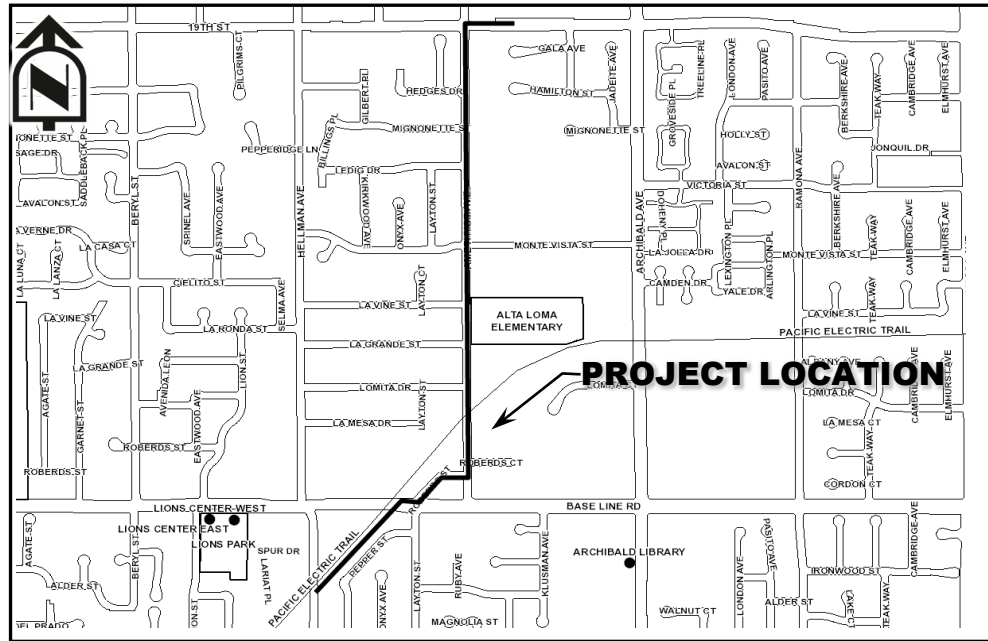
Design

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

Construct the Master Plan Storm Drain, install storm drain mainline, install catch basins, manholes, Laterals, curb and gutter, sidewalks and overlay the entire road with asphalt rubber hot mix.

**Justification:**

This project will improve the drainage problems within the area and enhance the traffic circulation, including the improvement of pedestrian safety.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$143,690	\$0	\$0	\$0	\$0	\$0	\$143,690
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,179,568	\$0	\$0	\$0	\$0	\$3,700,000	\$4,879,568
Inspection & Administration	\$74,700	\$0	\$0	\$0	\$0	\$49,670	\$124,370
Contingency	\$121,541	\$0	\$0	\$0	\$0	\$370,000	\$491,541
<b>Total Costs:</b>	<b>\$1,519,499</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,119,670</b>	<b>\$5,639,169</b>

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
General Drainage Fund (112)	\$350,000	\$0	\$0	\$0	\$0	\$450,000	\$800,000
Measure I Fund (176)	\$326,250	\$0	\$0	\$0	\$0	\$166,050	\$492,300
Infrastructure Fund (198)	\$196,380	\$0	\$0	\$0	\$0	\$3,503,620	\$3,700,000
CDBG Fund (204)	\$501,959	\$0	\$0	\$0	\$0	\$0	\$501,959
Fiber Optic Network Fund (711)	\$144,910	\$0	\$0	\$0	\$0	\$0	\$144,910
<b>Total Costs:</b>	<b>\$1,519,499</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,119,670</b>	<b>\$4,992,300</b>

**Impact on Operations:**

Less routine maintenance thus freeing up maintenance crews to attend to other needed areas. In addition, the storm drain will allow for the flood zone designation to be changed for the residents and businesses in the area, and relieving the need for additional flood insurance.

Project Number:  
 JL Key: 1895  
 Object: 5650  
 District: 3

## Cultural Center - Loading Bay

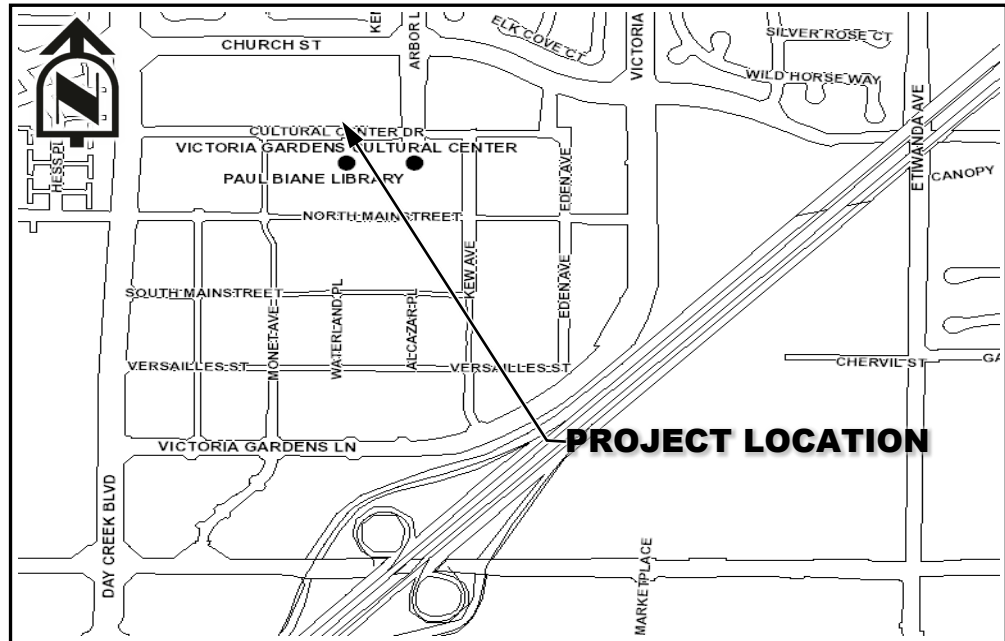
**Project Location:**  
 12505 Cultural Center Drive

**Est. Construction Start/End:**  
 TBD

**Project Status:**  
 Design/Construction

**Department:**  
 Community Services/Parks

**Project Manager:**  
 Jennifer Hunt Gracia



**Description:** This project involves the design to cover a portion of the Service/Loading Bay at the Victoria Gardens Cultural Center.

**Justification:** Unlike most venues who produce theatre productions, the Lewis Family Playhouse was built without a shop space, therefore requiring technical/carpentry staff to work outside in the loading bay when set pieces and prop items need to be built for a production. There is no shelter to protect the staff or the items being constructed from inclement weather. Currently much of the Playhouse's set construction is contracted out to a commercial shop, which increases costs significantly. Having a sheltered area outside of the stage doors would allow the tech staff better working conditions for these construction projects than simply working outside in the often unpleasant or sometimes unsafe elements.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$175,000	\$175,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$5,000	\$0	\$0	\$0	\$0	\$210,000	\$215,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Capital Reserve (025)	\$5,000	\$0	\$0	\$0	\$0	\$210,000	\$215,000
<b>Total Costs:</b>	\$5,000	\$0	\$0	\$0	\$0	\$210,000	\$215,000

**Impact on Operations:** Improvements will require maintenance of the structure and added light fixtures, as well as minimal electric cost for light usage. The City could save substantial funds by building some sets internally.

## Davis Trail Landslide

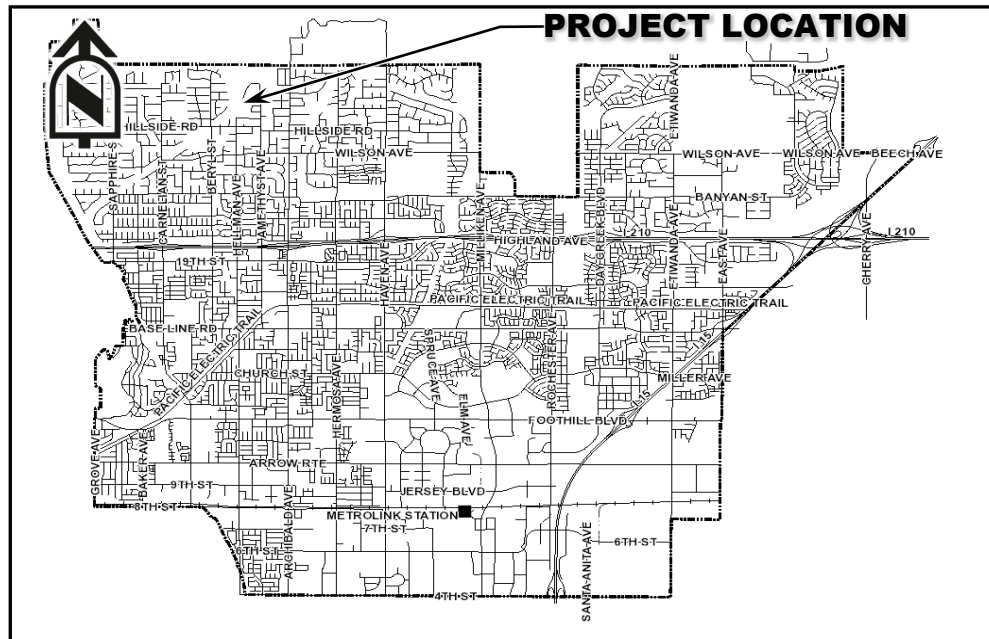
**Project Location:**  
 Community Trail at Almond &  
 Amethyst Street

**Est. Construction Start/End:**  
 TBD

**Project Status:**  
 Design/Construction

**Department:**  
 Engineering

**Project Manager:**  
 Gianfranco Laurie



**Description:** Evaluate the Davis Trail landslide which caused a portion of the Community Trail to erode. Develop a study, design and construction project for short/long term repairs.

**Justification:** Randolph Davis Community Trail is closed indefinitely resulting from a landslide that occurred along a portion of the trail. A slope stability analysis is necessary to determine the extent of repairs.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$12,288	\$0	\$0	\$0	\$0	\$50,000	\$62,288
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$12,288	\$0	\$0	\$0	\$0	\$50,000	\$62,288

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
LMD 1 Fund (130)	\$12,288	\$0	\$0	\$0	\$0	\$50,000	\$62,288
<b>Total Costs:</b>	\$12,288	\$0	\$0	\$0	\$0	\$50,000	\$62,288

**Impact on Operations:** Less routine maintenance, thus freeing up maintenance crews to attend to other needed areas.

## Foothill Boulevard from Grove Avenue to San Bernardino Road - Street Improvements

**Project Location:**

Foothill Boulevard from Grove Avenue to San Bernardino Road

**Est. Construction Start/End:**

08/2020 - 10/2020

**Project Status:**

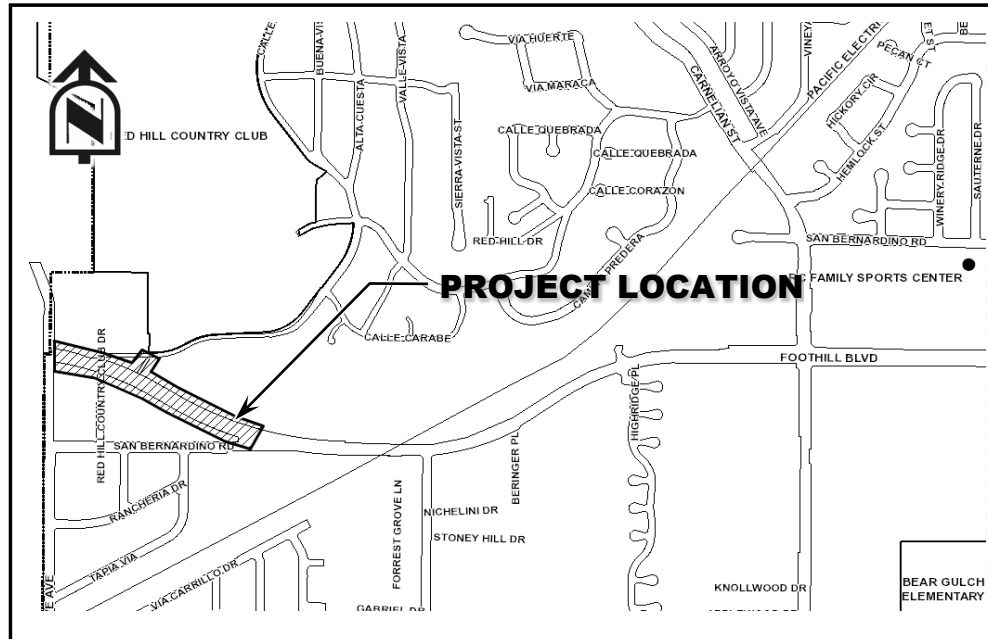
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project involves curb, gutter, sidewalk, street lights, striped median island, pavement rehabilitation consisting of cold planning, localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, traffic signal video detection at 2 signals, utility valve, manhole cover adjustments, improvements to Foothill Boulevard and pavement striping and realignment of Red Hill Country Club to a new traffic signal on Foothill Boulevard at the Magic Lamp restaurant.

**Justification:**

This project will enhance pedestrian and vehicular safety through the area and restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$50,000	\$0	\$150,000	\$0	\$0	\$0	\$200,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$1,100,000	\$0	\$0	\$0	\$1,100,000
Inspection & Administration	\$0	\$0	\$55,000	\$0	\$0	\$0	\$55,000
Contingency	\$0	\$0	\$110,000	\$0	\$0	\$0	\$110,000
<b>Total Costs:</b>	\$50,000	\$0	\$1,415,000	\$0	\$0	\$0	\$1,465,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Gas Tax R&T 7360 (174)	\$50,000	\$0	\$1,415,000	\$0	\$0	\$0	\$1,465,000
<b>Total Costs:</b>	\$50,000	\$0	\$1,415,000	\$0	\$0	\$0	\$1,465,000

**Impact on Operations:**

Reduced street maintenance costs for pothole repairs and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Foothill Boulevard from Milliken Avenue to I-15 Freeway- Pavement Rehabilitation

**Project Location:**

Foothill Boulevard - From Milliken Avenue to I-15 Freeway

**Est. Construction Start/End:**

05/2021 - 06/2021

**Project Status:**

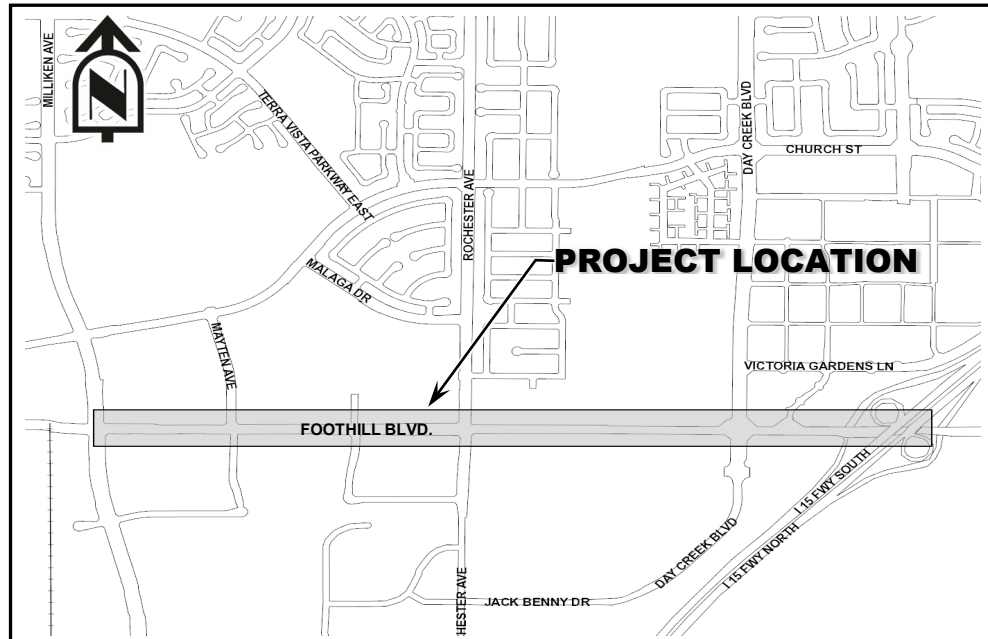
Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, Traffic Signal Video Detection, utility valves and manhole adjustments, pavement striping and curb ramps.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$1,710,000	\$0	\$0	\$0	\$1,710,000
Inspection & Administration	\$0	\$0	\$69,000	\$0	\$0	\$0	\$69,000
Contingency	\$0	\$0	\$171,000	\$0	\$0	\$0	\$171,000
<b>Total Costs:</b>	\$60,000	\$0	\$1,950,000	\$0	\$0	\$0	\$2,010,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (177)	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
Road Maintenance & Rehab (179)	\$0	\$0	\$1,950,000	\$0	\$0	\$0	\$1,950,000
<b>Total Costs:</b>	\$60,000	\$0	\$1,950,000	\$0	\$0	\$0	\$2,010,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Haven Avenue from Wilson Avenue to Vivienda Street - Community Trail West side

**Project Location:**

Haven Avenue - From Wilson Avenue to Vivienda Street, west side

**Est. Construction Start/End:**

TBD

**Project Status:**

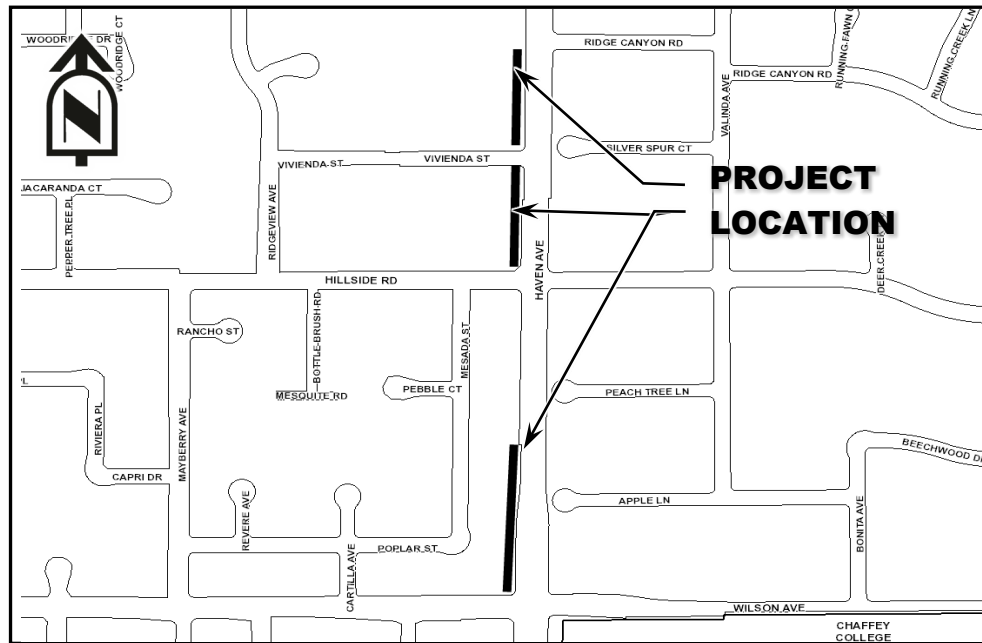
Design

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

Construction of an equestrian trail on Haven Avenue, west side. Project includes installation of 2 rail PVC fence, installation of decomposed granite and installation of mow curbs.

**Justification:**

This stretch will complete and connect missing sections of the existing community trail on the west side of Haven Avenue as part of the trail master plan. It will also improve the appearance of the west side of Haven Avenue.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Beautification Fund (110)	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000

**Impact on Operations:**

This stretch will add an additional quarter mile to the City's trail inventory, requiring trash removal, weed abatement, and routine maintenance.

## Heritage Park - Bridge Replacement Design

**Project Location:**

Heritage Park - Multi Use trail  
bridge replacements

**Est. Construction Start/End:**

TBD

**Project Status:**

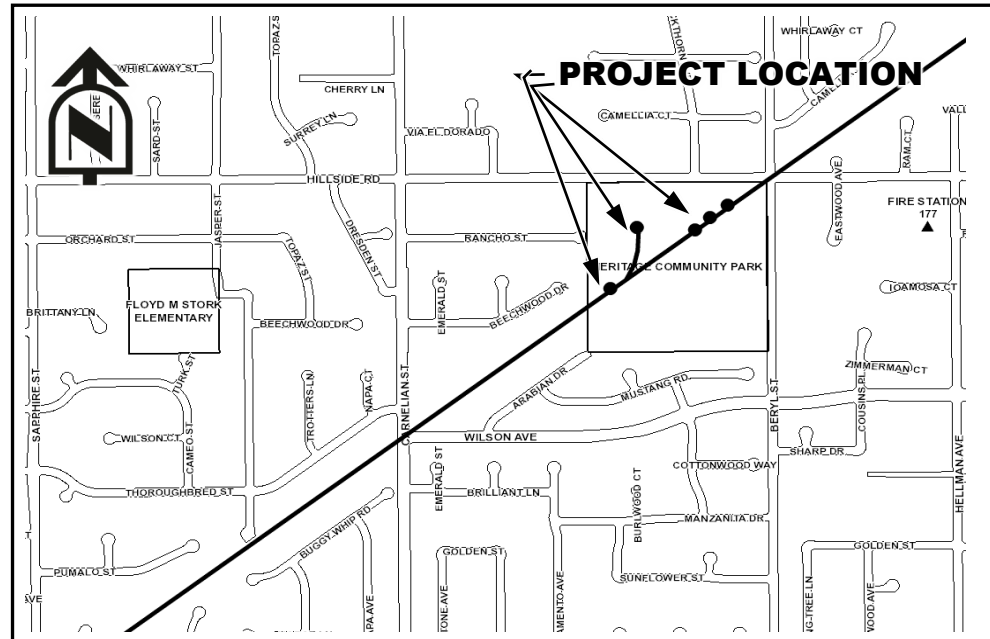
Design

**Department:**

Engineering

**Project Manager:**

Curt Billings


**Description:**

This project will provide a study to consider replacing the multi use wood bridges that span the Demens Creek at various locations around Heritage Park

**Justification:**

This project is a study and design to potentially replace or remove aged bridges constructed of wood with more long lasting structural steel and concrete bridges to maintain access to the park and existing trails

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$30,000	\$0	\$0	\$0	\$0	\$50,000	\$80,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$0	\$0	\$0	\$50,000	\$80,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Unknown	\$30,000	\$0	\$0	\$0	\$0	\$50,000	\$80,000
<b>Total Costs:</b>	\$30,000	\$0	\$0	\$0	\$0	\$50,000	\$80,000

**Impact on Operations:**

No impact.

## J 18

## Milliken Avenue from 210 Freeway to Banyan Street - Pavement Rehabilitation

**Project Location:**

Milliken Avenue from 210 Freeway  
Avenue to Banyan Street

**Est. Construction Start/End:**

07/2020 - 09/2020

**Project Status:**

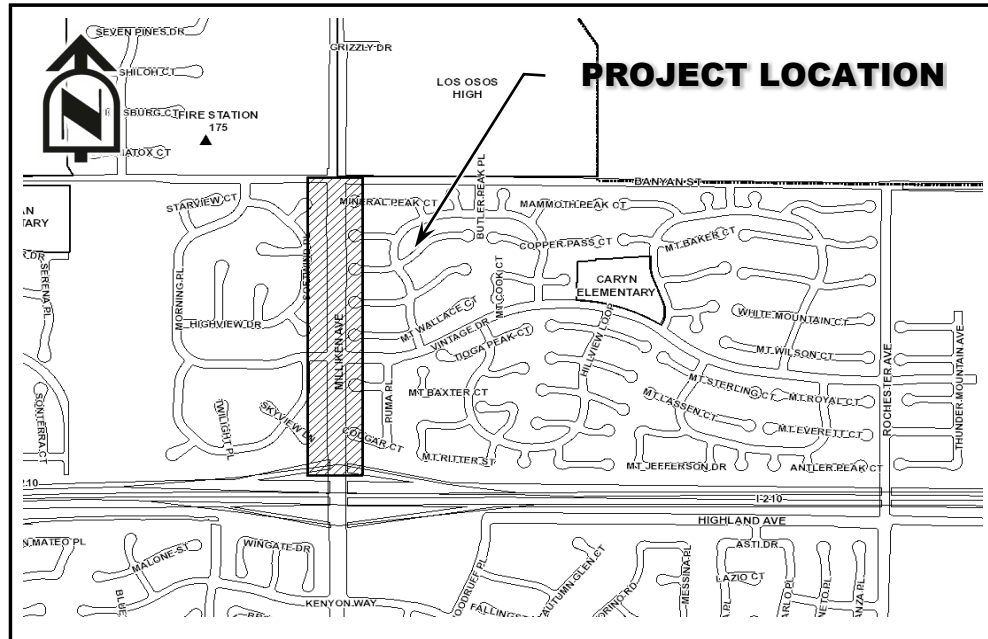
Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project involves cold planning and localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, video detection, utility valve and manhole cover adjustments, and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$425,000	\$0	\$0	\$0	\$425,000
Inspection & Administration	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Contingency	\$0	\$0	\$42,000	\$0	\$0	\$0	\$42,000
<b>Total Costs:</b>	\$0	\$0	\$547,000	\$0	\$0	\$0	\$547,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I (177)	\$0	\$0	\$547,000	\$0	\$0	\$0	\$547,000
<b>Total Costs:</b>	\$0	\$0	\$547,000	\$0	\$0	\$0	\$547,000

**Impact on Operations:**

Reduced street maintenance costs for pothole repairs and crack seal, thus freeing up maintenance crews to attend to other needed areas.

Project Number:  
JL Key: 1979  
Object: 5650  
District: 4

## Olive Grove Park - Improvements

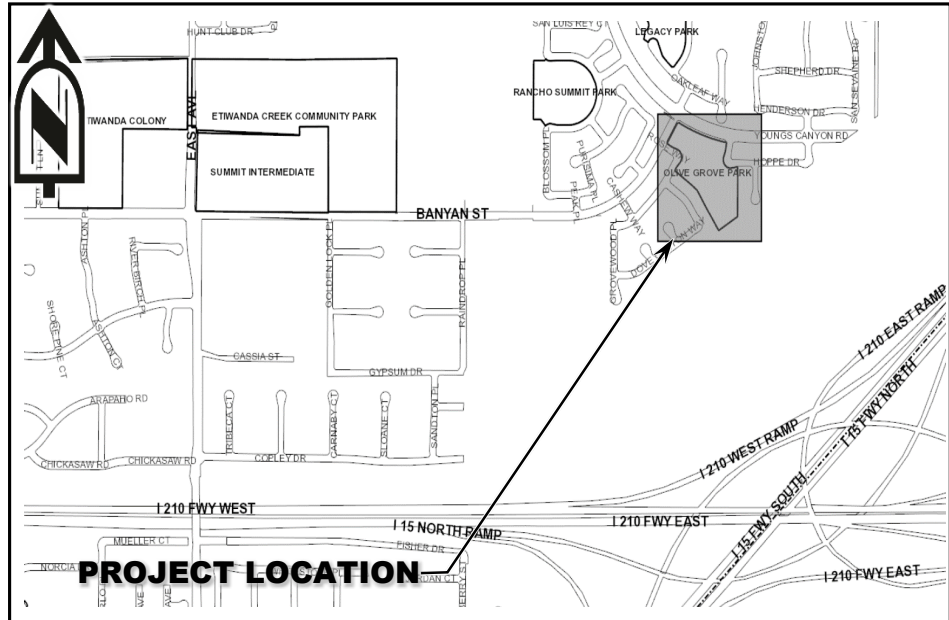
**Project Location:**  
Olive Grove Park

**Est. Construction Start/End:**  
07/2019 – 08/2019

**Project Status:**  
Construction

**Department:**  
Engineering

**Project Manager:**  
Gianfranco Laurie



**Description:** Evaluate passive turf area to be utilized for sports fields and install drainage improvements to capture and convey storm water runoff from eroding horse and pedestrian at Olive Grove Park.

**Justification:** Horse trail washes out regularly and results in water, decomposed granite and mud accumulating at the bottom of the trail. This, in turn, causes maintenance issues with rutting, flooding and mud.

### Project Cost Estimate (\$):

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$30,000	\$0	\$0	\$0	\$0	\$3,000	\$30,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$270,000	\$270,000
Inspection & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000
<b>Total Costs:</b>	\$30,000	\$0	\$0	\$0	\$0	\$303,000	\$330,000

### Project Funding:

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
CFD 2000-03 (868)	\$30,000	\$0	\$0	\$0	\$0	\$303,000	\$330,000
<b>Total Costs:</b>	\$30,000	\$0	\$0	\$0	\$0	\$303,000	\$330,000

**Impact on Operations:** Project will reduce maintenance costs, time and labor.

## Rochester Avenue from 6th Street to Arrow Route - Pavement Rehabilitation

**Project Location:**

Rochester Avenue - From 6th Street to Arrow Route

**Est. Construction Start/End:**

07/2020 - 09/2020

**Project Status:**

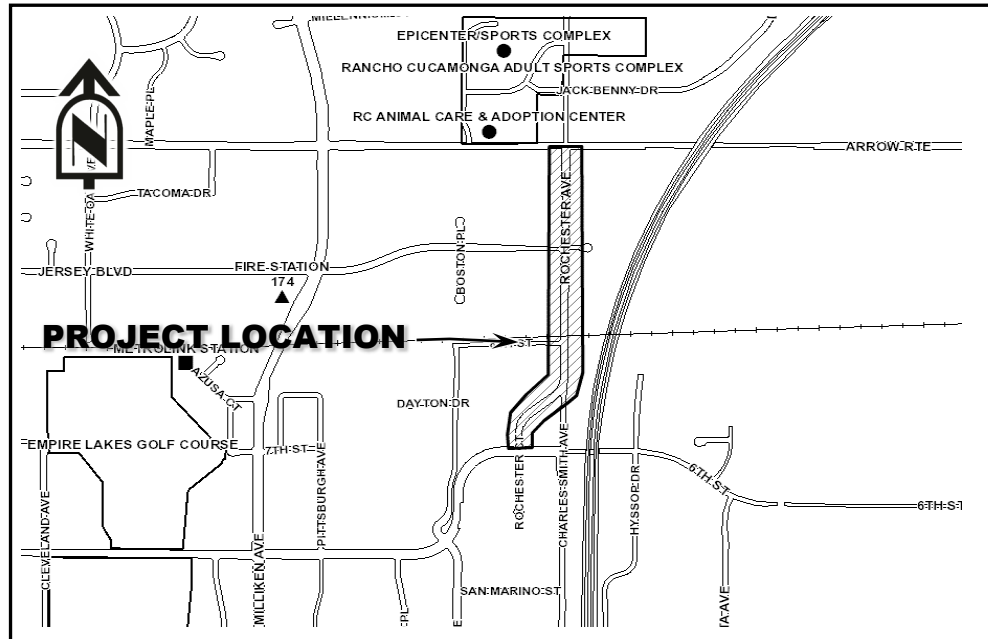
Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings

**Description:**

This project involves cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, traffic signal video detection, utility valves and manhole adjustments and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability. In addition, the project is using asphalt rubber and is therefore eligible and will be submitted for a CalRecycle rebate.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$515,000	\$0	\$0	\$0	\$515,000
Inspection & Administration	\$0	\$0	\$44,000	\$0	\$0	\$0	\$44,000
Contingency	\$0	\$0	\$52,000	\$0	\$0	\$0	\$52,000
<b>Total Costs:</b>	\$0	\$0	\$611,000	\$0	\$0	\$0	\$611,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (177)	\$0	\$0	\$611,000	\$0	\$0	\$0	\$611,000
<b>Total Costs:</b>	\$0	\$0	\$611,000	\$0	\$0	\$0	\$611,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Rochester Avenue from Base Line Road to Banyan Street - Pavement Rehabilitation

**Project Location:**

Rochester Avenue - From Base Line Road to Banyan Street

**Est. Construction Start/End:**

07/2021 - 09/2021

**Project Status:**

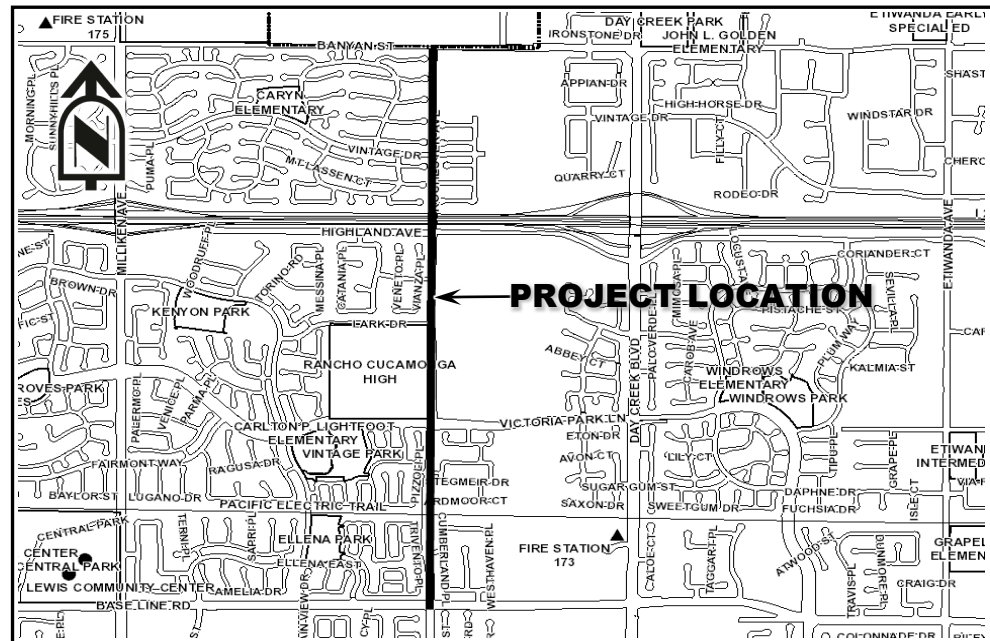
Construction

**Department:**

Engineering

**Project Manager:**

Curt Billings


**Description:**

This project involves addition of a right turn lane at Banyan Street, cold planing, localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, traffic signal video detection, utility valves and manhole adjustments and pavement striping.

**Justification:**

This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability. In addition, the project is using asphalt rubber and is therefore eligible and will be submitted for a CalRecycle rebate.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$29,000	\$0	\$0	\$0	\$0	\$0	\$29,000
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$845,000	\$0	\$0	\$845,000
Inspection & Administration	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Contingency	\$0	\$0	\$0	\$85,000	\$0	\$0	\$85,000
<b>Total Costs:</b>	\$29,000	\$0	\$0	\$950,000	\$0	\$0	\$979,000

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>TBD</u>	<u>TOTAL</u>
Measure I Fund (177)	\$29,000	\$0	\$0	\$150,000	\$0	\$0	\$179,000
Road Maint & Rehab (179)	\$0	\$0	\$0	\$800,000	\$0	\$0	\$800,000
<b>Total Costs:</b>	\$29,000	\$0	\$0	\$950,000	\$0	\$0	\$979,000

**Impact on Operations:**

Less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

## Westerly Sidewalk Improvements Along Hellman Avenue

**Project Location:**

Hellman Avenue From 9th Street  
to 420 Ft South of 9th Street

**Est. Construction Start/End:**

05/2020 - 06/2020

**Project Status:**

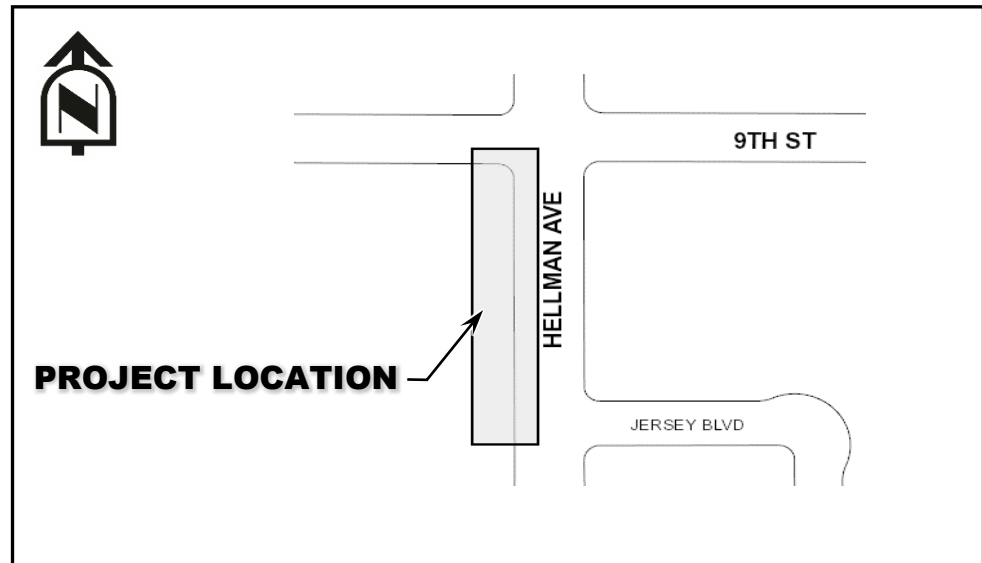
Design / Construction

**Department:**

Engineering

**Project Manager:**

Romeo David

**Description:**

This project will include replacing trees, modifying block wall; relocating utilities; constructing sidewalks, driveway approaches and utility tie-ins; and replace landscape and irrigation.

**Justification:**

This project will install missing sidewalks on the west side of the street to provide continuous walkway path.

**Project Cost Estimate (\$):**

<u>Expenditure/Category</u>	<u>Prior Years</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/2023</u>	<u>TBD</u>	<u>TOTAL</u>
Environmental/NPDES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design/Plan Review	\$0	\$0	\$12,900	\$0	\$0	\$0	\$12,900
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$36,300	\$0	\$0	\$0	\$36,300
Inspection & Administration	\$0	\$0	\$8,000	\$0	\$0	\$0	\$8,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs:</b>	\$0	\$0	\$57,200	\$0	\$0	\$0	\$57,200

**Project Funding:**

<u>Funding Source</u>	<u>Prior Years</u>	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>TBD</u>	<u>TOTAL</u>
Community Dev Block Grant (204)	\$0	\$0	\$57,200	\$0	\$0	\$0	\$57,200
<b>Total Costs:</b>	\$0	\$0	\$57,200	\$0	\$0	\$0	\$57,200

**Impact on Operations:**

Less landscape maintenance, thus freeing up maintenance crews to attend to other needed areas.



# **General Plan Policies**

**Fiscal Year 2019-2020  
Capital Improvement Plan**



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-3.11	●		<b>Continue to provide pedestrian amenities on sidewalks on major streets that are key pedestrian routes, including the provision of benches, shade trees, and trash cans.</b>				
			Identify key pedestrian travel corridors citywide, and prepare a Citywide Pedestrian Circulation Study to determine pedestrian amenity needs, capital and operating funding sources, and a phased implementation program. Develop a program for gradually installing public amenities such as streetlights, benches, trash containers, art, drinking fountains, landscaping, etc. that will enhance the pedestrian environment and encourage increased use of transit. Use both the CIP process and other funding sources, including a program whereby businesses or residents may sponsor street furniture and/or landscaped areas.	ENG	PL	A, B, C, D	5
CM-3.12	●		<b>Continue to require that the siting and architectural design of new development promote safety, pedestrian-friendly design, and access to transit facilities.</b>				
			Develop standards to be applied to development projects along transit corridors that require transit and pedestrian accessibility.	PL	ENG	I	4
CM-3.13		●	<b>Establish a number of bike hubs in the City (centralized locations with convenient bike parking for trip destinations or transfer to other transportation modes), at key transit nodes, and at commercial nodes.</b>				
			Conduct a study to determine the best locations for bike hubs in the City, and develop a plan, wayfinding program, and implementation process for providing bike hubs that provide secure bicycle lockers, bike racks, and connections to transit at key locations in the City.	ENG	PL, RD	A, B, C, D	4
CM-3.14	●		<b>Enhance pedestrian and bicycle access to local and regional transit, including facilitating connections to transit.</b>				
			Same action as identified for CM-3.7.	ENG	PL	I	4
CM-3.15		●	<b>Coordinate the provision of the non-motorized networks (bicycle and pedestrian) with adjacent jurisdictions to maximize sub-regional connectivity.</b>				
			Same action as identified for CM-3.7.	ENG	PL	A, E, F	4
CM-3.16		●	<b>Establish fixed-route local circulator bus service connecting major activity centers.</b>				
			Explore development of a fixed-route local circulator bus system, station location, and funding mechanisms.	ENG	PL	A, E, H	5
CM-4.1		●	<b>Continue to implement traffic management and traffic signal operations measures along the arterial roadway to minimize delay and congestion for all modes, without adversely impacting transit, bicycles, and pedestrians.</b>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Same actions as identified for RC-4.1 to RC-4.5.	ENG	PL, AS, ENG, CM, BS, PW, FIN	A, B, C, E, G, I	3
PS-12.3	●		Encourage development of transit-oriented and infill development, and encourage a mix of uses that foster walking and alternative transportation.				
			Same action as identified for RC-4.4.	PL	ENG	A, I	3
PS-12.4	●		Provide enhanced bicycling and walking infrastructure, and support public transit, including public bus service, the Metrolink, and the potential for Bus Rapid Transit (BRT).				
			Same action as identified for RC-4.4.	PL	ENG	A, I	3
PS-12.5		●	Provide green building incentives, assess green building techniques as a formal stage of project review, and develop a green building ordinance or program that addresses both new and existing buildings. Adaptation strategies will also include increased water efficiency in buildings.				
			Same actions as identified for RC-6.1 to RC-6.4	PL	BS, ENG	A, I, K	4
PS-12.6	●		Encourage efforts to reduce waste generation and re-use and support increased recycling and composting opportunities with a focus on large commercial and industrial waste producers.				
			Same action as identified for PF-7.1.	ENG	PL	A	3
PS-12.7	●	●	Support tree planting, planting more vegetation (including native and drought-resistant planting), and preservation of open space.				
			Same actions as identified for RC-1.1, RC-8.1 to RC-8.7.	PL	ENG, PW	A, I	4
PS-12.8		●	Develop green procurement plans and ensure energy savings in City operations and maintenance.				
			Same actions as identified for RC-5.1 to RC-5.3.	AS	CM, FIN, PW	A, B, C, E, K	4
PS-12.9		●	Develop energy- or climate change-themed publications and workshops, facilitating energy audits for residents, and establishing partnerships to reduce greenhouse gas emissions. Increase public awareness about climate change, and encourage residents and businesses to become involved in activities and lifestyle changes that help reduce greenhouse gas emissions.				
			Same action as identified for RC-5.1.	CM	ENG	A, K	4
PS-13.1		●	Consider the compatibility of proposed land uses with the noise environment when preparing or revising community and/or specific plans and when reviewing development proposals. The contour map depicting future noise levels (Figure PS-10) should be used by the City as a guide to land use/noise compatibility.				



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
ED-2.3		●	<b>Expand recreation and cultural attractions to enhance tourism/visitor potential and to boost sales and transient occupancy tax.</b>				
			Develop brochures or links from the City's web site to showcase the various recreational and cultural venues to attract visitors to the City. Enhancement of cultural amenities, including regional entertainment options, recreation, and historic preservation, will help to embellish the City's reputation as a destination for a wide range of visitors.	RD	CS	A	7
ED-2.4		●	<b>Expand lodging choices in the City through the recruitment and placement of full-service hotels that will complement the existing select-service hotel portfolio.</b>				
			Review and update marketing strategies (land surveys, infrastructure availability, and modes of transportation) to solicit the development of a full-service lodging facility. Make sure that zoning regulations can accommodate a full-service hotel at desired locations.	RD	PL	A, G	4
ED-3.1	●	●	<b>Continue to make public safety a priority.</b>				
			Use the annual budgeting process to allocate funding for public safety services, equipment, and facilities commensurate with the City's service objectives.	CM	PD, FD	A	6
ED-3.2		●	<b>Provide community and cultural amenities.</b>				
			Same action as identified for ED-2.3.	CS	CM, RD	A	4
ED-3.3	●		<b>Maintain a healthy fiscal balance.</b>				
			Use the annual budgeting process to check that revenues from all sources continue to more than match projected spending.	CM	AS, FIN	A, G	1
ED-3.4	●	●	<b>Improve internal circulation for all modes of transportation, consistent with the concept of "Complete Streets".</b>				
			Same action as identified for LU-3.1 to 3.8.	ENG	PL	A, G, K	4
ED-3.5		●	<b>Facilitate development of additional local and regional entertainment venues.</b>				
			Focus a special economic development team on the task of working towards attracting developers and investors interested in responding to local and regional demand for new entertainment options.	RD	PL	A, G	6
ED-3.6		●	<b>Leverage the City's quality of life amenities to attract more knowledge-based workers.</b>				
			Expand the Economic Development Strategy to market Rancho Cucamonga's civic assets, including parks, recreation and community enrichment facilities and programs, trails, and quality school districts.	RD	PL, CS	A, G	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
RC-8.7	●	●	<b>Support protection of natural habitat areas for ecological, educational, and other scientific study purposes.</b>				
			Same action as identified for RC-8.3.	PL	ENG	A, I	4
PF-1.1	●		<b>Continue to implement high-quality standards for new public facilities and improvements to existing buildings.</b>				
			Design and build all City buildings to serve as a model for quality architectural treatment and green building design in all new and remodeled civic facilities.	PL	CM, ENG	A, B, C	5
PF-1.2	●		<b>Promote community facilities as focal points for gatherings, events, and celebrations.</b>				
			Maintain all public facilities and buildings to address the needs of the various neighborhoods within the City. Advertise the availability of civic facilities to community groups.	PW	CS, LIB	A, B, C	3
PF-1.3		●	<b>Locate new community facilities in neighborhoods and centers where they will serve populations with the greatest needs.</b>				
			Review and assess the needs for the location of community facilities as neighborhoods evolve.	CS	ENG, PL	A	6
PF-1.4	●	●	<b>Maintain public facilities and optimize their usefulness during their lifespan.</b>				
			Continue with proper maintenance programming and funding levels for existing public facilities.	PW	CS, LIB, AC	A, B, C	4
PF-1.5	●	●	<b>Continue to incorporate low-maintenance features into public facilities consistent with the City's sustainability plan.</b>				
			Replace features of public facilities with lower maintenance types as part of the on-going maintenance program.	PW	PL, CS, BS	A, B, C	3
PF-1.6	●		<b>Maintain multi-functional, flexible, and complementary space at community facilities.</b>				
			Same action as identified for PF-1.2.	CS	PW	A, B, C	3
PF-1.7		●	<b>Maximize public facility use by sharing with nonprofit organizations, school districts, and community organizations. Look for opportunities to create joint-use community space at facilities owned by private organizations such as faith-based groups and service clubs.</b>				
			Same action as identified for CS-2.5.	CS		A	4
PF-2.1	●	●	<b>Consult with local school districts to enhance the development of joint-use agreements, allowing for optimum use of school facilities, to provide broad community benefits such as public safety and education.</b>				
			Continue and expand joint use of facilities to achieve even greater optimization of school facilities to service the entire community.	CS	SD	A, K	5

# MISCELLANEOUS



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-1.1		●	<b>Continue to provide a safe and efficient street system in the City, to support mobility goals, all transportation modes, and the goals of Managing the Land Use, Community Design, and Historic Resources Chapter.</b>				
			<p>Add the intersection improvements listed below to the Capital Improvement Program (CIP) or appropriate equivalents identified and approved by the City Engineer in the future that would offset the identified impacts; implement the improvements as funding becomes available. Prepare a report on the need for the improvements and their relationship to the impacts caused by new development in Rancho Cucamonga.</p> <ul style="list-style-type: none"> <li>▪ Work with Caltrans and SANBAG to implement a new freeway interchange at I-15 and Arrow Highway.</li> <li>▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard.</li> <li>▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue.</li> <li>▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue.</li> <li>▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek.</li> <li>▪ Complete Wilson Avenue from East Avenue to Wardman Bullock.</li> <li>▪ Improve the Base Line Road at I-15 Freeway Interchange.</li> <li>▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.</li> </ul>	ENG		A, D, I	7
CM-1.2		●	<b>Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.</b>				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	<b>Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).</b>				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	<b>Provide access for seniors and those with physical disabilities in all elements of the transportation system.</b>				
			<p>Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services.</p> <p>Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.</p>	ENG	CS	A, E, F, H, I	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-1.5	●		<b>Implement street design standards per this General Plan, except that modified standards may be applied where appropriate on arterial corridors relating to transit, bicycle facilities, sidewalks, and on-street parking to be context sensitive to adjacent land uses and districts, and to all roadway users, including transit, bicycles, and pedestrians.</b>				
			Integrate into the CIP process the planning of modified standards for Foothill Boulevard to accommodate BRT and for other arterials as appropriate to reflect the bikeway plan and pedestrian improvements necessary to support Mixed Use districts.	ENG	PL	A, D, I	4
CM-1.6	●		<b>Pursue a railroad grade separation at Etiwanda Avenue and the BNSF Railway line.</b>				
			Grade separations currently exist at Haven and Milliken Avenues. Due to truck traffic associated with the southeast industrial area, the City supports creating a railroad grade separation at Etiwanda Avenue and the BNSF Railway line.	ENG	PL	A, E, I	4
CM-2.1	●	●	<b>Facilitate bicycling and walking citywide.</b>				
			Implement the Bicycle Master Plan included in the Community Mobility Chapter.  Require that pedestrian facilities and connections be provided as part of all development projects, with an emphasis on connections within Mixed Use districts. Implement all bicycling and walking policies and Mobility Element components.  Preparation and distribute bike route maps and bike facilities information.  Publish and make readily available pedestrian route maps and pedestrian facilities information.	ENG	PL, RD	A, D, I	4
CM-2.2	●		<b>Encourage all feasible measures to reduce total vehicle miles traveled by automobiles, including enhanced transit access and land use approaches that provide compact and focused development along major transit corridors.</b>				
			Same actions as identified for LU-2.1, LU-5.4, LU-5.6, and CM-2.1.	ENG	PL	A, D, I	4
CM-2.3		●	<b>Support the use of hybrid, electric, and low/zero emission vehicles.</b>				
			Continue to maintain the Green Team Sustainability Action Matrix that identifies current and proposed efforts that procure vehicles that includes providing gas-efficient vehicles.  Amend the Development Code as appropriate to accommodate alternative fuel service stations and charging facilities.	CM	PL, AS, PW	A, E, F	7
CM-2.4		●	<b>Replace City vehicles with energy-efficient and alternative fuel source models when replacing vehicles or adding to the City's fleet.</b>				

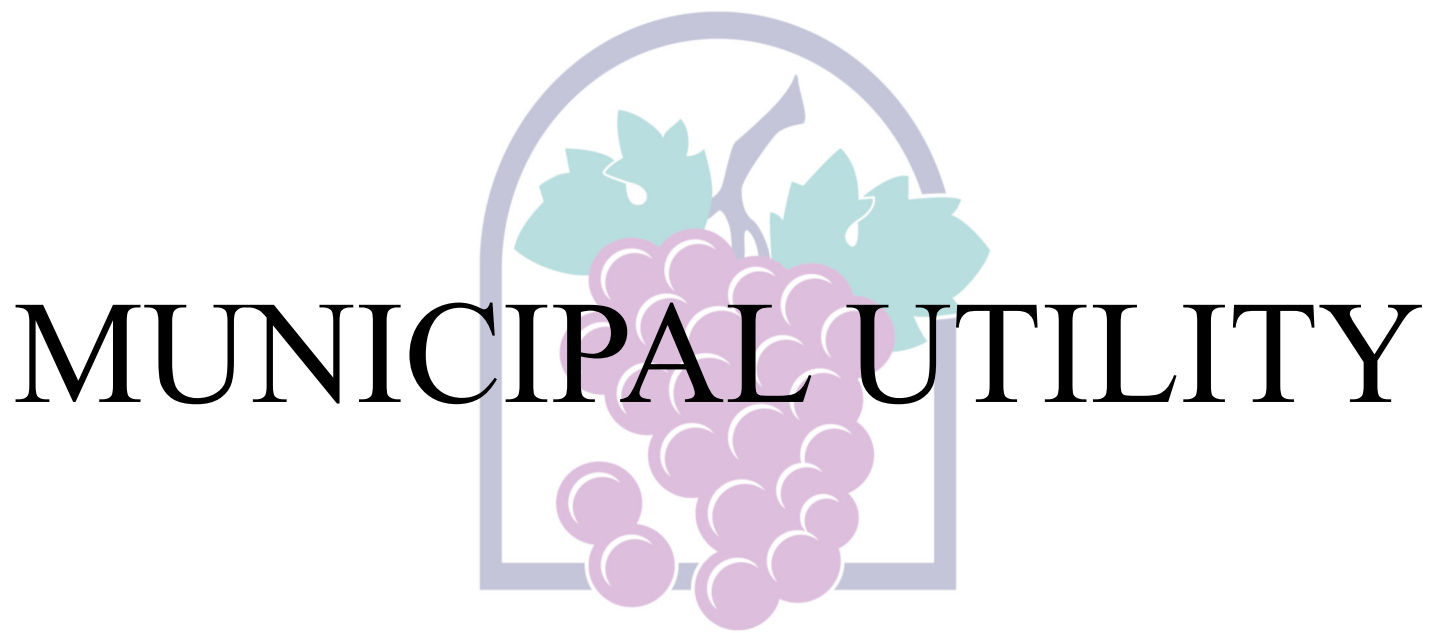
Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			<p><b>Explore the Feasibility of Extending Local Transit Service</b></p> <p>Explore the possibility of extending to adjacent jurisdictions in cooperation with such jurisdictions who could also participate in funding, if beneficial to the City.</p> <p><b>Work with Regional Transit Operators (Omnitrans)</b></p> <p>Develop the optimum coordination and integration of bus transit services between the local City circulator system and the regional service.</p>				
CM-3.4		●	<p><b>Consult with Omnitrans to establish and maintain transit hubs at Victoria Gardens, Chaffey College, the Metrolink Station, and other locations as appropriate to facilitate use of transit and transfers between transit services.</b></p>				
			Same action as identified for CM-3.1.	ENG	PL	A	4
CM-3.5		●	<p><b>Consider and evaluate the possible relocation of the Metrolink Station to Haven Avenue to provide improved connections to transit and to support planned transit-oriented land uses along Haven Avenue.</b></p>				
			Work with Metrolink and Southern California Regional Rail Authority (SCRRA) to study the feasibility of moving the Metrolink Station from its current location to Haven Avenue. Explore options for alternative funding from sources other than the General Fund, such as grants, and specifically grants that promote transit-oriented development.	PL	ENG, RD	E, F	6
CM-3.6		●	<p><b>In addition to requiring private development to provide transit amenities, consult with regional transit operators to provide attractive and convenient bus stops, including shade/weather protection, seats, transit information, and bus shelters as appropriate.</b></p>				
			Same action as identified for CM-3.1. Also, develop a program, with identified funding sources, for providing amenities at bus stops in the City.	ENG	PL	D	4
CM-3.7		●	<p><b>Continue to develop and maintain a citywide bicycle network of off-street bike paths, on-street bike lanes, and bike streets to provide connections between neighborhoods, schools, parks, civic center/facilities, recreational facilities, and major commercial centers.</b></p>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			<p>Implement the Bicycle Plan pursuant to Figure CM-6. Update the City's Bicycle Circulation Plan in a format suitable for obtaining public funding.</p> <p>Develop the planning, implementation, and design details of the bicycle facility and amenity elements of the Community Mobility Chapter, including the setting of implementation priorities and the identification of both capital and operating funding sources. Implementation should focus on adding a north-south trail along either Deer Creek or Cucamonga Creek as a first priority.</p> <p>Update the City's Trails Implementation Plan to maintain consistency with the General Plan.</p> <p>Review City ordinances to ensure that an adequate mechanism exists to manage the use of trails only by authorized categories of users.</p> <p>Implementation of the Bicycle Plan may require traffic signalization at the crossing of bike paths with arterial roadways to facilitate the safe crossing of those arterials by bicyclists and pedestrians. Signals should be convenient to bicyclists with accessible push-buttons to activate the signal. Provide traffic control push button devices at convenient locations for bicyclists at signalized intersections on the identified Bicycle Network.</p>	ENG	PL	A, D, E, F, I	4
CM-3.8	●	●	<b>Continue to encourage the provision of bicycle facilities, such as bicycle lockers and secure bike parking, throughout the City.</b>				
			<p>Identify existing locations where bicycle lockers and secure bicycle parking could be provided at key locations throughout put the City, and develop a funding and implementation plan.</p> <p>Encourage/require the provision of bicycle lockers and secure bike parking for major development projects, as defined in the Development Code.</p> <p>Modify the Development Code to require provision of bicycle parking spaces, bicycle lockers, and, as appropriate, showers for bicycle riders at new buildings providing significant employment, at transit stations, in the commercial districts, and at recreational destinations in the City.</p>	PL	ENG	A, D, E, F, H	4
CM-3.9		●	<b>Identify and implement a dedicated funding source for implementation and completion of the Bicycle Network as identified in the Bicycle Plan.</b>				
			Same action as identified for CM-3.7.	ENG		E, F	4
CM-3.10	●		<b>Continue to complete the installation of sidewalks and require new development to provide sidewalks.</b>				
			Use the CIP to identify a schedule for installing new and replacement sidewalks throughout the City, placing priority on installing missing sidewalks near schools and activity centers, and replacing sidewalks that have been identified as hazardous to public safety.	ENG		B, C, D,	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Strategize with Foundation members to increase the range of involvement in Foundation events.	CS		A, H	
CS-6.1	●		<b>Provide a comprehensive, interconnected off-road trail system that provides alternative mobility choices throughout the entire City and increases connectivity.</b>				
			Continue to implement the principles of the Trails Implementation Plan.	PL	CS, ENG	A, I	4
CS-6.2	●		<b>Connect trails in Rancho Cucamonga to trails in the San Bernardino National Forest and other hillside open space areas. These trails shall include trailheads with vehicle parking and other amenities.</b>				
			Coordinate with Federal and State agencies to facilitate funding and acquisition of trail connections from the City to the San Bernardino National Forest. Connect new trails with the North Etiwanda Preserve.	PL	CS, ENG	A	5
CS-6.3	●		<b>Continue to incorporate, where feasible, regional and community trails along utility corridors and drainage channels.</b>				
			Continue to make trail connections within the City on existing public-agency owned properties.	PL	CS, ENG	A	5
CS-6.4	●		<b>Continue to maintain and pursue the development of planned trails and facilities for equestrian use within the Equestrian/Rural Area designation.</b>				
			Continue to ensure that trails accommodate equestrian users through details outlined in the Trails Implementation Plan within north Alta Loma and Etiwanda.	PL	CS, ENG	A, B, C,	4
CS-6.5	●		<b>Improve existing trails by removing barriers, applying sustainability concepts, improving safety and function, and providing access to adjacent trails.</b>				
			Continue to program funding into the CIP for the improvements to deficient equestrian trails, as outlined in the Trails Implementation Plan.	ENG	PL, BS	A	4
CS-6.6	●		<b>Require new development to provide access to adjacent trails and provide appropriate trail amenities (e.g., benches, drinking fountains, hitching posts, bike stands, and other amenities) for all new projects located adjacent to regional or community trails.</b>				
			Require new development projects adjacent to Regional or Community Trails to provide access to and amenities for trails.	PL	ENG	A, K	4
CS-6.7	●		<b>Continue to credit publically accessible railway acreage towards meeting parkland dedication standards.</b>				
			Continue to allow parkland credit for trails within development projects, subject to adopted criteria.	PL	ENG	A, K	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Develop a listing of acceptable fire-resistant plant types to be incorporated into new and rehabilitated development sites.	PL	PW, ENG, FD	A	3
LU-10.4		●	<b>Encourage streetscape design and landscaping programs for commercial frontages that create vibrant places which support walking, bicycling, transit, and sustainable economic development.</b>				
			Same action as identified for LU-3.4.	PL	ENG, RD	A	4
LU-10.5		●	<b>Consult with and coordinate with the Santa Fe Railway to develop and install a landscape plan for the enhancement of the railroad right-of-way.</b>				
			Inventory and assess the landscaping needs of the rail corridor, and consult with the rail agency to develop a plan.	PL	ENG, RD	A	6
LU-10.6		●	<b>Continue to pursue strategies to reduce long-term operation and maintenance costs within the City's Landscape Maintenance Districts and other publicly funded areas.</b>				
			Inventory and prioritize the removal of turf areas within landscape medians to be replaced with plantings that reduce long-term operations and maintenance costs.	PW	ENG	A	5
LU-11.1	●	●	<b>Continue to implement and update as necessary the City's Sign Ordinance in order to provide for a reasonable system of review and incentives for well-designed signs throughout the City.</b>				
			Establish a periodic review schedule of all City ordinances that govern aesthetics to determine if industry standards have changed or if other objectives are desirable that require amendments.	PL	RD	A, K	4
LU-11.2	●	●	<b>Continue to require the undergrounding of utility lines and facilities wherever feasible to minimize the unsightly appearance of overhead utility lines and utility enclosures.</b>				
			Require undergrounding of utilities for new development. Develop a strategy and prioritization list for the undergrounding utilities in developed areas.	ENG	PL	A, B, C, I	4
LU-11.3	●	●	<b>Require communication towers to be located and designed to blend with the surrounding environment.</b>				
			Review and update design guidelines for the siting and general appearance of communication towers to facilitate the least amount of visual intrusion. Emphasize use of stealth and architecturally integrated antenna.	PL		A	4
LU-12.1		●	<b>Ensure that streetscape design along roadways creates a strong landscaped edge, provides a coherent high-quality appearance along each route, and enhances the image of adjacent development.</b>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Same actions as identified for RC-4.1 to RC-4.5.	ENG	PL, AS, ENG, CM, BS, PW, FIN	A, B, C, E, G, I	3
PS-12.3	●		Encourage development of transit-oriented and infill development, and encourage a mix of uses that foster walking and alternative transportation.				
			Same action as identified for RC-4.4.	PL	ENG	A, I	3
PS-12.4	●		Provide enhanced bicycling and walking infrastructure, and support public transit, including public bus service, the Metrolink, and the potential for Bus Rapid Transit (BRT).				
			Same action as identified for RC-4.4.	PL	ENG	A, I	3
PS-12.5		●	Provide green building incentives, assess green building techniques as a formal stage of project review, and develop a green building ordinance or program that addresses both new and existing buildings. Adaptation strategies will also include increased water efficiency in buildings.				
			Same actions as identified for RC-6.1 to RC-6.4	PL	BS, ENG	A, I, K	4
PS-12.6	●		Encourage efforts to reduce waste generation and re-use and support increased recycling and composting opportunities with a focus on large commercial and industrial waste producers.				
			Same action as identified for PF-7.1.	ENG	PL	A	3
PS-12.7	●	●	Support tree planting, planting more vegetation (including native and drought-resistant planting), and preservation of open space.				
			Same actions as identified for RC-1.1, RC-8.1 to RC-8.7.	PL	ENG, PW	A, I	4
PS-12.8		●	Develop green procurement plans and ensure energy savings in City operations and maintenance.				
			Same actions as identified for RC-5.1 to RC-5.3.	AS	CM, FIN, PW	A, B, C, E, K	4
PS-12.9		●	Develop energy- or climate change-themed publications and workshops, facilitating energy audits for residents, and establishing partnerships to reduce greenhouse gas emissions. Increase public awareness about climate change, and encourage residents and businesses to become involved in activities and lifestyle changes that help reduce greenhouse gas emissions.				
			Same action as identified for RC-5.1.	CM	ENG	A, K	4
PS-13.1		●	Consider the compatibility of proposed land uses with the noise environment when preparing or revising community and/or specific plans and when reviewing development proposals. The contour map depicting future noise levels (Figure PS-10) should be used by the City as a guide to land use/noise compatibility.				



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative	Implementation Action(s)				
RC-8.7	●	●	<b>Support protection of natural habitat areas for ecological, educational, and other scientific study purposes.</b>				
			Same action as identified for RC-8.3.	PL	ENG	A, I	4
PF-1.1	●		<b>Continue to implement high-quality standards for new public facilities and improvements to existing buildings.</b>				
			Design and build all City buildings to serve as a model for quality architectural treatment and green building design in all new and remodeled civic facilities.	PL	CM, ENG	A, B, C	5
PF-1.2	●		<b>Promote community facilities as focal points for gatherings, events, and celebrations.</b>				
			Maintain all public facilities and buildings to address the needs of the various neighborhoods within the City. Advertise the availability of civic facilities to community groups.	PW	CS, LIB	A, B, C	3
PF-1.3		●	<b>Locate new community facilities in neighborhoods and centers where they will serve populations with the greatest needs.</b>				
			Review and assess the needs for the location of community facilities as neighborhoods evolve.	CS	ENG, PL	A	6
PF-1.4	●	●	<b>Maintain public facilities and optimize their usefulness during their lifespan.</b>				
			Continue with proper maintenance programming and funding levels for existing public facilities.	PW	CS, LIB, AC	A, B, C	4
PF-1.5	●	●	<b>Continue to incorporate low-maintenance features into public facilities consistent with the City's sustainability plan.</b>				
			Replace features of public facilities with lower maintenance types as part of the on-going maintenance program.	PW	PL, CS, BS	A, B, C	3
PF-1.6	●		<b>Maintain multi-functional, flexible, and complementary space at community facilities.</b>				
			Same action as identified for PF-1.2.	CS	PW	A, B, C	3
PF-1.7		●	<b>Maximize public facility use by sharing with nonprofit organizations, school districts, and community organizations. Look for opportunities to create joint-use community space at facilities owned by private organizations such as faith-based groups and service clubs.</b>				
			Same action as identified for CS-2.5.	CS		A	4
PF-2.1	●	●	<b>Consult with local school districts to enhance the development of joint-use agreements, allowing for optimum use of school facilities, to provide broad community benefits such as public safety and education.</b>				
			Continue and expand joint use of facilities to achieve even greater optimization of school facilities to service the entire community.	CS	SD	A, K	5

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
RC-4.1		●	<b>Pursue efforts to reduce energy consumption through appropriate energy conservation and efficiency measures throughout all segments of the community.</b>				
			As it becomes economically practical, identify sources and replace imported, non-renewable energy resources with domestic renewable energy sources such as solar and wind energy, recycled municipal solid waste, and green waste.	PL	ENG, CM	A, B, C, E, G	5
RC-4.2		●	<b>Promote the use of renewable energy and alternative energy technology, and support efforts to develop small-scale, distributed energy generation (e.g. solar, wind, cogeneration, and biomass) to reduce the amount of electricity drawn from the regional power grid and reduce the use of natural gas, while providing Rancho Cucamonga with a greater degree of energy and economic self-sufficiency.</b>				
			Provided that there would not be a decline in services to City residents or undue tax burden, use of energy efficiency and renewable energy resources will be employed for approving capital and operational expenditures.	ENG	AS, CM, PL	A, B, C, D, E, G, I	6
RC-4.3		●	<b>Encourage the use of solar energy systems in homes and commercial businesses.</b>				
			Establish design criteria for active and passive solar applications within development proposals.	PL	ENG, BS	A	5
RC-4.4	●	●	<b>Reduce operational energy requirements through sustainable and complementary land use and circulation planning. Support implementation of State mandates regarding energy consumption and greenhouse gas reduction, including AB32 and SB375.</b>				
			Promote land use and circulation patterns that result in multi-purpose automobile trips and that facilitate the use of local and regional transit; continue to advance land use patterns that provide employment and housing opportunities for City residents in a manner that allows for practical options for mobility other than by automobile.	PL	ENG	A, I	3
RC-4.5	●	●	<b>Support the development of private sources of sustainable and environmentally friendly energy supplies, provided these are consistent with City aesthetic and public safety goals.</b>				
			Continue to make the recruitment and retention of "green" industries a priority in conjunction with economic development strategies.	RD	CM, PL	A, G	4
RC-5.1		●	<b>Serve as a role model by adopting recognizable standards and incorporating the use of sustainable strategies for new and existing public buildings that maximize occupant health and productivity, minimize operating costs, and provide good environmental stewardship.</b>				



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Continue to assess that the recreational needs of the City's residents are consistent with the City's parkland standard, and determine possible re-use or conversion of infill sites for recreational uses to serve areas within the City with a disproportionate amount of parkland.	CS	PL, ENG	A	4
CS-1.2	●		<b>Develop parks that contribute to active and healthy lifestyles, and allow for a balanced commitment to both organized recreation activities and passive park environments.</b>				
			Move forward with plans to continue to develop Central Park, expand Etiwanda Creek Park, add one new Community park, one new Special Use Facility, and two new Neighborhood parks. Incorporate active and passive facilities into new parks.	CS	CM, ENG	A	4
CS-1.3	●		<b>Continue to develop Central Park as envisioned in the Central Park Master Plan.</b>				
			Continue to prioritize implementation of the improvements for Central Park as part of the City's CIP process.	CS	ENG, PL	A	4
CS-1.4	●		<b>Pursue developing an outdoor special use facility that includes a multi-field sports complex.</b>				
			Continue to prioritize development of a sports complex and determine funding mechanisms, including corporate sponsorships/partnerships.	CS	ENG, RD, PL	A	4
CS-1.5	●		<b>Continue to require new development to provide needed park facilities through the various measures and tools available to the City (e.g., in-lieu fees and/or land dedication).</b>				
			Continue to make the provision of turn-key park and recreational facilities the first priority over in-lieu fees for new residential development.	PL	ENG, CS	A, D, I, K	4
CS-1.6	●		<b>Pursue and expand joint-use of public lands that are available and suitable for recreational purposes, including school district properties and flood control district, water district, and other utility properties.</b>				
			Continue to coordinate with other agencies holding public lands for possible joint-use, trail easements, or re-use to serve park/recreation particularly with school district properties.	PL	CS, ENG	A, K	4
CS-1.7	●		<b>Encourage public safety and compatibility with adjacent uses through park location and design, including the location of buildings, lighting, parking, public transit, emergency access, and pedestrian/bicycle access.</b>				
			Continue to utilize the Recreation Needs and System Recommendation Study and the park master plan concept in park planning.	CS	PL, ENG	A, K	4
CS-1.8	●	●	<b>Continue to build, renovate, and maintain parks in a manner that is environmentally sustainable.</b>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Continue to provide for maintenance, renovation and new construction of City parks in compliance with City policies, upgrading wastewater systems as needed, and as technology evolves, substitute material that could reduce maintenance costs and is environmentally friendly.	ENG	CS, PL, PW	A, B, C	4
CS-1.9		●	<b>Develop intermediate sized (10-12 acre) parks with lighted athletic fields and appropriate parking to accommodate community sports programs.</b>				
			Update the City's Recreation Needs and Systems Recommendation Study to determine the location for intermediate-sized park sites specifically developed for athletic field use. This may include joint-use facilities with a school district.	CS	PL, ENG	A, B, C	7
CS-2.1		●	<b>Integrate Healthy RC activities, classes, and programs with recreational services that contribute to the health, fitness, and minds of participants.</b>				
			Continue to provide City-sponsored recreational programs and classes at recreational centers/parks.	CS	CM	A, I	4
CS-2.2	●	●	<b>Provide high-quality Community Services programs that are flexible and responsive to the community's changing needs.</b>				
			Continue to provide active recreational opportunities through leagues and organized sports.	CS	CM	A, I	4
CS-2.3		●	<b>Plan and conduct community special events that bring residents together to create an enhanced quality of life and promote economic development.</b>				
			Plan for community events through the annual budgeting process.	CS	RD, CM	A, I	4
CS-2.4	●		<b>Continue to consult with non-profit sports organizations and recreational groups to support their offering of diverse recreational programs that complement and supplement those of the City.</b>				
			Continue to serve as a clearinghouse to coordinate among the various sport leagues to make fields and facilities available.	CS		A, I	4
CS-2.5	●		<b>Continue to make community facilities and park amenities available for rental by community residents, non-profit groups and businesses to meet their recreational and business needs.</b>				
			Continue to promote the City's various rental facility types by ensuring that a complete summary of locations, facilities, services, fees, and applications are available.	CS		A	4
CS-2.6	●		<b>Continue broad-based public outreach activities that inform residents of all available Community Services programs and services, and obtain input from the community regarding program and service needs.</b>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
RC-8.7	●	●	<b>Support protection of natural habitat areas for ecological, educational, and other scientific study purposes.</b>				
			Same action as identified for RC-8.3.	PL	ENG	A, I	4
PF-1.1	●		<b>Continue to implement high-quality standards for new public facilities and improvements to existing buildings.</b>				
			Design and build all City buildings to serve as a model for quality architectural treatment and green building design in all new and remodeled civic facilities.	PL	CM, ENG	A, B, C	5
PF-1.2	●		<b>Promote community facilities as focal points for gatherings, events, and celebrations.</b>				
			Maintain all public facilities and buildings to address the needs of the various neighborhoods within the City. Advertise the availability of civic facilities to community groups.	PW	CS, LIB	A, B, C	3
PF-1.3		●	<b>Locate new community facilities in neighborhoods and centers where they will serve populations with the greatest needs.</b>				
			Review and assess the needs for the location of community facilities as neighborhoods evolve.	CS	ENG, PL	A	6
PF-1.4	●	●	<b>Maintain public facilities and optimize their usefulness during their lifespan.</b>				
			Continue with proper maintenance programming and funding levels for existing public facilities.	PW	CS, LIB, AC	A, B, C	4
PF-1.5	●	●	<b>Continue to incorporate low-maintenance features into public facilities consistent with the City's sustainability plan.</b>				
			Replace features of public facilities with lower maintenance types as part of the on-going maintenance program.	PW	PL, CS, BS	A, B, C	3
PF-1.6	●		<b>Maintain multi-functional, flexible, and complementary space at community facilities.</b>				
			Same action as identified for PF-1.2.	CS	PW	A, B, C	3
PF-1.7		●	<b>Maximize public facility use by sharing with nonprofit organizations, school districts, and community organizations. Look for opportunities to create joint-use community space at facilities owned by private organizations such as faith-based groups and service clubs.</b>				
			Same action as identified for CS-2.5.	CS		A	4
PF-2.1	●	●	<b>Consult with local school districts to enhance the development of joint-use agreements, allowing for optimum use of school facilities, to provide broad community benefits such as public safety and education.</b>				
			Continue and expand joint use of facilities to achieve even greater optimization of school facilities to service the entire community.	CS	SD	A, K	5



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-1.1		●	<b>Continue to provide a safe and efficient street system in the City, to support mobility goals, all transportation modes, and the goals of Managing the Land Use, Community Design, and Historic Resources Chapter.</b>				
			<p>Add the intersection improvements listed below to the Capital Improvement Program (CIP) or appropriate equivalents identified and approved by the City Engineer in the future that would offset the identified impacts; implement the improvements as funding becomes available. Prepare a report on the need for the improvements and their relationship to the impacts caused by new development in Rancho Cucamonga.</p> <ul style="list-style-type: none"> <li>▪ Work with Caltrans and SANBAG to implement a new freeway interchange at I-15 and Arrow Highway.</li> <li>▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard.</li> <li>▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue.</li> <li>▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue.</li> <li>▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek.</li> <li>▪ Complete Wilson Avenue from East Avenue to Wardman Bullock.</li> <li>▪ Improve the Base Line Road at I-15 Freeway Interchange.</li> <li>▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.</li> </ul>	ENG		A, D, I	7
CM-1.2		●	<b>Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.</b>				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	<b>Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).</b>				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	<b>Provide access for seniors and those with physical disabilities in all elements of the transportation system.</b>				
			<p>Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services.</p> <p>Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.</p>	ENG	CS	A, E, F, H, I	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Complete intersection capacity improvements, coordinate traffic signals utilizing Intelligent Transportation Systems (ITS), and improve striping and signage. Striping shall maximize room for bike lanes where feasible and consistent with the Bicycle Plan. Modernize traffic signal equipment as necessary, and continue to update traffic signal timing and synchronization plans to optimize traffic flow along the key arterial corridors, taking into account the needs of transit, bicyclists, and pedestrians as well. Invest in the communications infrastructure necessary to operate a Citywide traffic signal control system.	ENG	PW	A, D	3
CM-4.2		●	<b>Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.</b>				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	<b>Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.</b>				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	<b>Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.</b>				
			Continue to implement and follow the schedule for resurfacing streets and streets improvements per the CIP.	ENG		A, D, E, F	4
CM-5.1	●		<b>Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.</b>				
			Require payment of Traffic Impact Fees as approved by the City Council, used to finance specific improvements made necessary by new development. The relationship between the fees, the cost of the improvements, and new development has been established in fee analyses approved by the City Council. These fees shall be reviewed from time to time and adjusted as needed.	ENG	PL	D	4
CM-5.2	●		<b>Require evaluation of potential traffic and transportation impacts associated with new development prior to project approval, and require adequate mitigation measures, including non-automobile solutions, prior to, or concurrent with, project development.</b>				
			Require applicants to prepare traffic and transportation impact assessments consistent with adopted City guidelines and standards. Continue to require sidewalks, pedestrian paths, and connections to be provided as part of new development projects to improve and enhance access between neighborhoods, and from neighborhoods to schools, parks, trails, commercial centers, and other activity centers.	ENG		D	4



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-1.1		●	<b>Continue to provide a safe and efficient street system in the City, to support mobility goals, all transportation modes, and the goals of Managing the Land Use, Community Design, and Historic Resources Chapter.</b>				
			<p>Add the intersection improvements listed below to the Capital Improvement Program (CIP) or appropriate equivalents identified and approved by the City Engineer in the future that would offset the identified impacts; implement the improvements as funding becomes available. Prepare a report on the need for the improvements and their relationship to the impacts caused by new development in Rancho Cucamonga.</p> <ul style="list-style-type: none"> <li>▪ Work with Caltrans and SANBAG to implement a new freeway interchange at I-15 and Arrow Highway.</li> <li>▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard.</li> <li>▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue.</li> <li>▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue.</li> <li>▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek.</li> <li>▪ Complete Wilson Avenue from East Avenue to Wardman Bullock.</li> <li>▪ Improve the Base Line Road at I-15 Freeway Interchange.</li> <li>▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.</li> </ul>	ENG		A, D, I	7
CM-1.2		●	<b>Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.</b>				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	<b>Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).</b>				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	<b>Provide access for seniors and those with physical disabilities in all elements of the transportation system.</b>				
			<p>Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services.</p> <p>Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.</p>	ENG	CS	A, E, F, H, I	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-1.5	●		<b>Implement street design standards per this General Plan, except that modified standards may be applied where appropriate on arterial corridors relating to transit, bicycle facilities, sidewalks, and on-street parking to be context sensitive to adjacent land uses and districts, and to all roadway users, including transit, bicycles, and pedestrians.</b>				
			Integrate into the CIP process the planning of modified standards for Foothill Boulevard to accommodate BRT and for other arterials as appropriate to reflect the bikeway plan and pedestrian improvements necessary to support Mixed Use districts.	ENG	PL	A, D, I	4
CM-1.6	●		<b>Pursue a railroad grade separation at Etiwanda Avenue and the BNSF Railway line.</b>				
			Grade separations currently exist at Haven and Milliken Avenues. Due to truck traffic associated with the southeast industrial area, the City supports creating a railroad grade separation at Etiwanda Avenue and the BNSF Railway line.	ENG	PL	A, E, I	4
CM-2.1	●	●	<b>Facilitate bicycling and walking citywide.</b>				
			Implement the Bicycle Master Plan included in the Community Mobility Chapter.  Require that pedestrian facilities and connections be provided as part of all development projects, with an emphasis on connections within Mixed Use districts. Implement all bicycling and walking policies and Mobility Element components.  Preparation and distribute bike route maps and bike facilities information.  Publish and make readily available pedestrian route maps and pedestrian facilities information.	ENG	PL, RD	A, D, I	4
CM-2.2	●		<b>Encourage all feasible measures to reduce total vehicle miles traveled by automobiles, including enhanced transit access and land use approaches that provide compact and focused development along major transit corridors.</b>				
			Same actions as identified for LU-2.1, LU-5.4, LU-5.6, and CM-2.1.	ENG	PL	A, D, I	4
CM-2.3		●	<b>Support the use of hybrid, electric, and low/zero emission vehicles.</b>				
			Continue to maintain the Green Team Sustainability Action Matrix that identifies current and proposed efforts that procure vehicles that includes providing gas-efficient vehicles.  Amend the Development Code as appropriate to accommodate alternative fuel service stations and charging facilities.	CM	PL, AS, PW	A, E, F	7
CM-2.4		●	<b>Replace City vehicles with energy-efficient and alternative fuel source models when replacing vehicles or adding to the City's fleet.</b>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Complete intersection capacity improvements, coordinate traffic signals utilizing Intelligent Transportation Systems (ITS), and improve striping and signage. Striping shall maximize room for bike lanes where feasible and consistent with the Bicycle Plan. Modernize traffic signal equipment as necessary, and continue to update traffic signal timing and synchronization plans to optimize traffic flow along the key arterial corridors, taking into account the needs of transit, bicyclists, and pedestrians as well. Invest in the communications infrastructure necessary to operate a Citywide traffic signal control system.	ENG	PW	A, D	3
CM-4.2		●	<b>Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.</b>				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	<b>Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.</b>				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	<b>Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.</b>				
			Continue to implement and follow the schedule for resurfacing streets and streets improvements per the CIP.	ENG		A, D, E, F	4
CM-5.1	●		<b>Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.</b>				
			Require payment of Traffic Impact Fees as approved by the City Council, used to finance specific improvements made necessary by new development. The relationship between the fees, the cost of the improvements, and new development has been established in fee analyses approved by the City Council. These fees shall be reviewed from time to time and adjusted as needed.	ENG	PL	D	4
CM-5.2	●		<b>Require evaluation of potential traffic and transportation impacts associated with new development prior to project approval, and require adequate mitigation measures, including non-automobile solutions, prior to, or concurrent with, project development.</b>				
			Require applicants to prepare traffic and transportation impact assessments consistent with adopted City guidelines and standards. Continue to require sidewalks, pedestrian paths, and connections to be provided as part of new development projects to improve and enhance access between neighborhoods, and from neighborhoods to schools, parks, trails, commercial centers, and other activity centers.	ENG		D	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
ED-3.7	●	●	<b>Support access to local and regional educational resources that provide educational opportunities to local residents and workers.</b>				
			Coordinate with local and regional centers for higher education to promote access to and programs for additional educational opportunities.	RD	PL, CM	A	4
ED-4.1	●		<b>Encourage high-quality design for infill development and continue to support new high quality uses.</b>				
			Same action as identified for LU-5.1 to 5.6.	PL	RD, ENG	A, I, K	4
ED-4.2		●	<b>Make green building and green business a priority.</b>				
			Same action as identified for LU-7.1 to 7.3.	PL	RD	A, G	3
ED-4.3	●	●	<b>Improve connectivity between development projects to create a more cohesive atmosphere.</b>				
			Same action as identified for LU-2.3.	PL	ENG	A	5
ED-4.4	●		<b>Focus on enhancements to Foothill Boulevard and Haven Avenue.</b>				
			Same action as identified for LU-5.1 to 5.6.	PL	RD, ENG	A, I, K	5
ED-4.5		●	<b>Review and understand the fiscal, job creation, and economic benefits of new proposed uses in the City's industrial-zoned areas.</b>				
			Focus a special economic development effort on assessing where re-use or conversion of industrial properties to other uses could occur. Identify potential conflicts in order to develop a strategy for when such conversions could be considered a benefit versus a cost.	RD	PL	A, G	5
ED-5.1	●		<b>Engage in regional transit planning efforts.</b>				
			Continue to be involved in planning efforts to address regional transportation solutions, particularly those providing transit options. In particular, work with Omnitrans in its efforts to establish BRT service in Rancho Cucamonga.	PL	ENG	A, K	4
ED-5.2		●	<b>Continue to capitalize on proximity to Interstate 10, Interstate 15, State Route 210, and the LA/Ontario International Airport.</b>				
			Review and assess the effectiveness of way-finding signage to ensure that the City's accessibility to I-10, I-15 and SR-210 from major areas of City commerce hubs is easily ascertained and facilitated. Begin programs to improve such signage where it is deficient or confusing. Maximize the benefits of a major airport just outside of the City's borders.	RD	PL, ENG	A, G	4
CS-1.1	●		<b>Provide adequate park and recreational facilities that meet the City standard of 5.0 acres of parkland (including trails and special facilities) for every 1,000 persons.</b>				



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-3.11	●		<b>Continue to provide pedestrian amenities on sidewalks on major streets that are key pedestrian routes, including the provision of benches, shade trees, and trash cans.</b>				
			Identify key pedestrian travel corridors citywide, and prepare a Citywide Pedestrian Circulation Study to determine pedestrian amenity needs, capital and operating funding sources, and a phased implementation program. Develop a program for gradually installing public amenities such as streetlights, benches, trash containers, art, drinking fountains, landscaping, etc. that will enhance the pedestrian environment and encourage increased use of transit. Use both the CIP process and other funding sources, including a program whereby businesses or residents may sponsor street furniture and/or landscaped areas.	ENG	PL	A, B, C, D	5
CM-3.12	●		<b>Continue to require that the siting and architectural design of new development promote safety, pedestrian-friendly design, and access to transit facilities.</b>				
			Develop standards to be applied to development projects along transit corridors that require transit and pedestrian accessibility.	PL	ENG	I	4
CM-3.13		●	<b>Establish a number of bike hubs in the City (centralized locations with convenient bike parking for trip destinations or transfer to other transportation modes), at key transit nodes, and at commercial nodes.</b>				
			Conduct a study to determine the best locations for bike hubs in the City, and develop a plan, wayfinding program, and implementation process for providing bike hubs that provide secure bicycle lockers, bike racks, and connections to transit at key locations in the City.	ENG	PL, RD	A, B, C, D	4
CM-3.14	●		<b>Enhance pedestrian and bicycle access to local and regional transit, including facilitating connections to transit.</b>				
			Same action as identified for CM-3.7.	ENG	PL	I	4
CM-3.15		●	<b>Coordinate the provision of the non-motorized networks (bicycle and pedestrian) with adjacent jurisdictions to maximize sub-regional connectivity.</b>				
			Same action as identified for CM-3.7.	ENG	PL	A, E, F	4
CM-3.16		●	<b>Establish fixed-route local circulator bus service connecting major activity centers.</b>				
			Explore development of a fixed-route local circulator bus system, station location, and funding mechanisms.	ENG	PL	A, E, H	5
CM-4.1		●	<b>Continue to implement traffic management and traffic signal operations measures along the arterial roadway to minimize delay and congestion for all modes, without adversely impacting transit, bicycles, and pedestrians.</b>				

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Complete intersection capacity improvements, coordinate traffic signals utilizing Intelligent Transportation Systems (ITS), and improve striping and signage. Striping shall maximize room for bike lanes where feasible and consistent with the Bicycle Plan. Modernize traffic signal equipment as necessary, and continue to update traffic signal timing and synchronization plans to optimize traffic flow along the key arterial corridors, taking into account the needs of transit, bicyclists, and pedestrians as well. Invest in the communications infrastructure necessary to operate a Citywide traffic signal control system.	ENG	PW	A, D	3
CM-4.2		●	<b>Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.</b>				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	<b>Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.</b>				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	<b>Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.</b>				
			Continue to implement and follow the schedule for resurfacing streets and streets improvements per the CIP.	ENG		A, D, E, F	4
CM-5.1	●		<b>Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.</b>				
			Require payment of Traffic Impact Fees as approved by the City Council, used to finance specific improvements made necessary by new development. The relationship between the fees, the cost of the improvements, and new development has been established in fee analyses approved by the City Council. These fees shall be reviewed from time to time and adjusted as needed.	ENG	PL	D	4
CM-5.2	●		<b>Require evaluation of potential traffic and transportation impacts associated with new development prior to project approval, and require adequate mitigation measures, including non-automobile solutions, prior to, or concurrent with, project development.</b>				
			Require applicants to prepare traffic and transportation impact assessments consistent with adopted City guidelines and standards. Continue to require sidewalks, pedestrian paths, and connections to be provided as part of new development projects to improve and enhance access between neighborhoods, and from neighborhoods to schools, parks, trails, commercial centers, and other activity centers.	ENG		D	4



Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
CM-1.1		●	<b>Continue to provide a safe and efficient street system in the City, to support mobility goals, all transportation modes, and the goals of Managing the Land Use, Community Design, and Historic Resources Chapter.</b>				
			<p>Add the intersection improvements listed below to the Capital Improvement Program (CIP) or appropriate equivalents identified and approved by the City Engineer in the future that would offset the identified impacts; implement the improvements as funding becomes available. Prepare a report on the need for the improvements and their relationship to the impacts caused by new development in Rancho Cucamonga.</p> <ul style="list-style-type: none"> <li>▪ Work with Caltrans and SANBAG to implement a new freeway interchange at I-15 and Arrow Highway.</li> <li>▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard.</li> <li>▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue.</li> <li>▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue.</li> <li>▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek.</li> <li>▪ Complete Wilson Avenue from East Avenue to Wardman Bullock.</li> <li>▪ Improve the Base Line Road at I-15 Freeway Interchange.</li> <li>▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.</li> </ul>	ENG		A, D, I	7
CM-1.2		●	<b>Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.</b>				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	<b>Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).</b>				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	<b>Provide access for seniors and those with physical disabilities in all elements of the transportation system.</b>				
			<p>Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services.</p> <p>Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.</p>	ENG	CS	A, E, F, H, I	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Complete intersection capacity improvements, coordinate traffic signals utilizing Intelligent Transportation Systems (ITS), and improve striping and signage. Striping shall maximize room for bike lanes where feasible and consistent with the Bicycle Plan. Modernize traffic signal equipment as necessary, and continue to update traffic signal timing and synchronization plans to optimize traffic flow along the key arterial corridors, taking into account the needs of transit, bicyclists, and pedestrians as well. Invest in the communications infrastructure necessary to operate a Citywide traffic signal control system.	ENG	PW	A, D	3
CM-4.2		●	<b>Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.</b>				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	<b>Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.</b>				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	<b>Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.</b>				
			Continue to implement and follow the schedule for resurfacing streets and streets improvements per the CIP.	ENG		A, D, E, F	4
CM-5.1	●		<b>Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.</b>				
			Require payment of Traffic Impact Fees as approved by the City Council, used to finance specific improvements made necessary by new development. The relationship between the fees, the cost of the improvements, and new development has been established in fee analyses approved by the City Council. These fees shall be reviewed from time to time and adjusted as needed.	ENG	PL	D	4
CM-5.2	●		<b>Require evaluation of potential traffic and transportation impacts associated with new development prior to project approval, and require adequate mitigation measures, including non-automobile solutions, prior to, or concurrent with, project development.</b>				
			Require applicants to prepare traffic and transportation impact assessments consistent with adopted City guidelines and standards. Continue to require sidewalks, pedestrian paths, and connections to be provided as part of new development projects to improve and enhance access between neighborhoods, and from neighborhoods to schools, parks, trails, commercial centers, and other activity centers.	ENG		D	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
ED-2.3		●	<b>Expand recreation and cultural attractions to enhance tourism/visitor potential and to boost sales and transient occupancy tax.</b>				
			Develop brochures or links from the City's web site to showcase the various recreational and cultural venues to attract visitors to the City. Enhancement of cultural amenities, including regional entertainment options, recreation, and historic preservation, will help to embellish the City's reputation as a destination for a wide range of visitors.	RD	CS	A	7
ED-2.4		●	<b>Expand lodging choices in the City through the recruitment and placement of full-service hotels that will complement the existing select-service hotel portfolio.</b>				
			Review and update marketing strategies (land surveys, infrastructure availability, and modes of transportation) to solicit the development of a full-service lodging facility. Make sure that zoning regulations can accommodate a full-service hotel at desired locations.	RD	PL	A, G	4
ED-3.1	●	●	<b>Continue to make public safety a priority.</b>				
			Use the annual budgeting process to allocate funding for public safety services, equipment, and facilities commensurate with the City's service objectives.	CM	PD, FD	A	6
ED-3.2		●	<b>Provide community and cultural amenities.</b>				
			Same action as identified for ED-2.3.	CS	CM, RD	A	4
ED-3.3	●		<b>Maintain a healthy fiscal balance.</b>				
			Use the annual budgeting process to check that revenues from all sources continue to more than match projected spending.	CM	AS, FIN	A, G	1
ED-3.4	●	●	<b>Improve internal circulation for all modes of transportation, consistent with the concept of "Complete Streets".</b>				
			Same action as identified for LU-3.1 to 3.8.	ENG	PL	A, G, K	4
ED-3.5		●	<b>Facilitate development of additional local and regional entertainment venues.</b>				
			Focus a special economic development team on the task of working towards attracting developers and investors interested in responding to local and regional demand for new entertainment options.	RD	PL	A, G	6
ED-3.6		●	<b>Leverage the City's quality of life amenities to attract more knowledge-based workers.</b>				
			Expand the Economic Development Strategy to market Rancho Cucamonga's civic assets, including parks, recreation and community enrichment facilities and programs, trails, and quality school districts.	RD	PL, CS	A, G	4

Policy Reference	Action Type		General Plan Policy	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
	Project Review	Special Initiative					
			Implementation Action(s)				
			Same actions as identified for RC-4.1 to RC-4.5.	ENG	PL, AS, ENG, CM, BS, PW, FIN	A, B, C, E, G, I	3
PS-12.3	●		<b>Encourage development of transit-oriented and infill development, and encourage a mix of uses that foster walking and alternative transportation.</b>				
			Same action as identified for RC-4.4.	PL	ENG	A, I	3
PS-12.4	●		<b>Provide enhanced bicycling and walking infrastructure, and support public transit, including public bus service, the Metrolink, and the potential for Bus Rapid Transit (BRT).</b>				
			Same action as identified for RC-4.4.	PL	ENG	A, I	3
PS-12.5		●	<b>Provide green building incentives, assess green building techniques as a formal stage of project review, and develop a green building ordinance or program that addresses both new and existing buildings. Adaptation strategies will also include increased water efficiency in buildings.</b>				
			Same actions as identified for RC-6.1 to RC-6.4	PL	BS, ENG	A, I, K	4
PS-12.6	●		<b>Encourage efforts to reduce waste generation and re-use and support increased recycling and composting opportunities with a focus on large commercial and industrial waste producers.</b>				
			Same action as identified for PF-7.1.	ENG	PL	A	3
PS-12.7	●	●	<b>Support tree planting, planting more vegetation (including native and drought-resistant planting), and preservation of open space.</b>				
			Same actions as identified for RC-1.1, RC-8.1 to RC-8.7.	PL	ENG, PW	A, I	4
PS-12.8		●	<b>Develop green procurement plans and ensure energy savings in City operations and maintenance.</b>				
			Same actions as identified for RC-5.1 to RC-5.3.	AS	CM, FIN, PW	A, B, C, E, K	4
PS-12.9		●	<b>Develop energy- or climate change-themed publications and workshops, facilitating energy audits for residents, and establishing partnerships to reduce greenhouse gas emissions. Increase public awareness about climate change, and encourage residents and businesses to become involved in activities and lifestyle changes that help reduce greenhouse gas emissions.</b>				
			Same action as identified for RC-5.1.	CM	ENG	A, K	4
PS-13.1		●	<b>Consider the compatibility of proposed land uses with the noise environment when preparing or revising community and/or specific plans and when reviewing development proposals. The contour map depicting future noise levels (Figure PS-10) should be used by the City as a guide to land use/noise compatibility.</b>				