Fiscal Year 2016/2017
Capital Improvement Program

Presented by:

City of Rancho Cucamonga
Engineering Services Department

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CITY OF RANCHO CUCAMONGA

COMMUNITY DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DEPARTMENT

CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2016/17

SUMMARY

Categories		Budgeted	Unfunded	General Plan: Policy Reference
A. Beautification	(3)	$ 637,000	$ -	GP: CM-3.11,PS-12.7
B. Drainage	(1)	$ 3,900,000	$ -	GP: CM-4.4, CM-3.7
C. Facilities	(20)	$ 38,521,130	$ 8,225,000	GP: ED-3.1, PF-1.1, PF-1.4, PF-1.5
D. Miscellaneous	(5)	$ 1,644,530	$ -	GP: CM-1.4, CM-2.1, CM-3.7, CS-6.3, LU-11.2, PS-12.4
E. Municipal Utility	(6)	$ 941,500	$ -	GP: PF-1.4, RC-4.2
F. Parks	(6)	$ 930,000	$ 7,868,000	GP: CS-1.8, PF-1.4
G. Railroad Crossings	(2)	$ 1,125,000	$ -	GP: CM-1.2, CM-4.4
H. Streets	(22)	$ 11,329,920	$ 7,300,000	GP: CM-1.1, CM-2.1, CM-4.4, ED-4.3
I. Traffic	(10)	$ 2,946,500	$ 110,000	GP: CM-4.1, CM-4.2
TOTAL	(75)	$ 61,975,580	$ 23,503,000	
J. Future & Unfunded Projects	(20)		$ 83,325,300	GP: CM-1.1, CM-4.4, CS-1.8, ED-3.1, PS-12.4

CITY OF RANCHO CUCAMONGA - CAPITAL IMPROVEMENT PROGRAM - FISCAL YEAR 2016/17

No.	Project	Fund	Account	Amount ($)
A.	**Beautification**			
1	Archibald Ave east side north of Sunflower - widening	Beautification	11103165650/1945110-0	***187,000***
2	Archibald Ave n/o Norbrook to Carrari St- Community Trail	Beautification	11103165650/1830110-0	***150,000***
3	LMD 4R - Water Conservation and Landscape Renovations (Multi-Phased Project)	LMD 4R	11343035650/1787134-0	***300,000***
			Beautification UnFunded Total:	0
			Beautification *Funded* Total:	***637,000***
B.	**Drainage**			
1	Cucamonga Storm Drain Upper Phase 3 - East of Hellman to Base Line to Roberds, North on Amethyst to 19th St, and Easterly 300 feet	General Drainage	11123035650/1928112-0	***800,000***
		Measure I	11763035650/1928176-0	***400,000***
		Citywide Infrastructure	11983035650/1928198-0	***2,700,000***
				3,900,000
			Drainage UnFunded Total:	0
			Drainage *Funded* Total:	***3,900,000***
C.	**Facilities**			
1	Animal Care & Adoption Center Makeover	Capital Reserve	10250015650/1920025-0	***701,500***
2	Archibald Library Office Re-design	Library Reserve	1329601-5602	***205,000***
3	Central Park - Emergency Backup Power (Design Only)	Fire Capital Projects	32885015650/1914288-0	***50,000***
4	Central Park - Flooring Replacement	Capital Reserve	1025001-5602	***310,000***
5	City Facilities - Roofing Replacement & Repairs	Capital Reserve	1025001-5602	***250,000***
		Capital Reserve	1025001-5602	125,000
				375,000
6	City Hall - Elevator Modernization	Capital Reserve	1025001-5602	***95,000***
7	Civic Center - Council Chambers AV Replacement Phase III	Capital Reserve	1025001-5602	***150,000***
8	Civic Center - Human Resources Office Relocations	Capital Reserve	1025001-5602	***350,000***
9	Civic Center - Landscape Renovation Phase II	Capital Reserve	1025001-5607	***500,000***
10	Fire District - Emergency Operations Center (EOC) Reconfiguration	Fire Capital Projects	3288501-5606	***250,000***
		Homeland Security-Fire	1380501-5606	***32,280***
				282,280
11	Fire District - Jersey Station (174) Training Facility	Fire Capital Projects	32885015650/1735288-0	***20,182,350***
12	Fire District - San Bernardino Rd Station (172) Relocation	Fire Capital Projects	32885015650/1733288-0	***750,000***
		Fire Capital Projects	32885015650/1733288-0	6,000,000
				6,750,000
13	Fire District - Water Conservation Landscaping (Stations 175 and 176, and Utica Property)	Fire Capital Projects	3288501-5602	***600,000***
14	LoanMart Stadium - Sound System	Capital Reserve	1025001-5603	***50,000***
15	LoanMart Stadium - Team Locker Rooms Carpet Replacement	Capital Reserve	1025001-5602	***25,000***
16	LoanMart Stadium - Team Locker Rooms Shower Fixtures Replacement	Capital Reserve	1025001-5602	***30,000***
17	Public Works Services Department - Warehouse Expansion	Capital Reserve	10250015650/1927025-0	***170,000***
		Capital Reserve	10250015650/1927025-0	1,700,000
				1,870,000
18	Rancho Cucamonga Family Sports Center - Relocation	Capital Reserve	10250015650/1896025-0	***2,500,000***
		Citywide Infrastructure	11980015650/1896198-0	***7,000,000***
		Recreation Fund Reserve	12504015650/1896250-0	***250,000***
		Equip/Veh Replacement	17120015650/1896712-0	***750,000***
		Park Development	11204015650/1896120-0	***2,700,000***
				13,200,000

No.	Project	Fund	Account	Amount ($)
19	Victoria Gardens Cultural Center - Courtyard Redesign	Capital Reserve Unknown	10250015650/1894025-0 xxxxxxxxxxx/1894xxx	***120,000*** 400,000 520,000
20	Victoria Gardens Cultural Center - Exterior Joint Replacement, Roofing and Exterior Paint	Capital Reserve	10250015650/1890025-0	***500,000***
			Facilities UnFunded Total: **Facilities *Funded* Total:**	8,225,000 ***38,521,130***
D.	**Miscellaneous**			
1	ADA Ramps at Various Locations (Design and Construction)	Measure I	11773035650/1150177-0	***200,000***
2	Arrow Route from Bear Gulch to West of Archibald Ave - Utility Underground (Continuation of Design with Construction funded FY16/17) Note: additional funding coming from Rule 20A	Underground Utilities	11293035650/1777129-0	***724,360***
3	Base Line Rd from Carnelian St to Vineyard Ave - Utility Underground (Continuation of Design with Construction funded FY16/17) Note: additional funding coming from Rule 20A	Underground Utilities	11293035650/1776129-0	***559,570***
4	Bus Stop Pads at Various Locations (Design and Construction funded with TDA Grant and City match)	AB 2766 Air Quality Imprv TDA Article 3	11053035650/1823105-0 12143035650/1823214-0	***16,000*** ***46,600*** 62,600
5	Pacific Electric Trail above Victoria Park Lane Tunnel - Fencing	LMD 2	1131303-5607	***98,000***
			Miscellaneous UnFunded Total: **Miscellaneous *Funded* Total:**	0 ***1,644,530***
E.	**Municipal Utility - Electrical**			
1	Arrow Rte: Bear Gulch to Archibald-Fiber Conduit	Municipal Utility	17053035650/1947705-0	***88,500***
2	City Fiber Optics Improvements	Municipal Utility	17053035650/1910705-0	***100,000***
3	Commercial Smart Meter Replacement	Municipal Utility	17053035650/1938705-0	***375,000***
4	Day Creek Blvd and Base Line Road - Line Extension	Municipal Utility	17053035650/1917705-0	***200,000***
5	Foothill Blvd at Spruce Ave - Line Extension	Municipal Utility	17053035650/1938705-0	***153,000***
6	Haven Avenue @ 6th St-St Light Installation	Municipal Utility	17053035650/1948705-0	***25,000***
			Municipal Utility UnFunded Total: **Municipal Utility *Funded* Total:**	0 ***941,500***
F.	**Parks**			
1	Central Park - Ph II Design Study	Park Development	1120401-5650/1660120-0	***250,000***
2	Central Park - Replace Rubberized Surface	Park Development	1120401-5607	***80,000***
3	Central Park - Trail Head Improvements (Design with Construction TBD)	Park Development Park Development	11204015650/1871120-0 11204015650/1871120-0	***25,000*** 2,488,000 2,513,000
4	Etiwanda Creek Park - Phase II (Design with Construction TBD)	Park Development Park Development	11204015650/1664120-0 11204015650/1664120-0	***300,000*** 5,380,000 5,680,000
5	LMD 4R Parks - Lighting Retrofits Phase III	LMD 4R	11343035650/1858134-0	***135,000***
6	Victoria Arbors Park - Replace Rubberized Playground Surface	LMD 2	1131303-5607	***140,000***
			Parks UnFunded Total: **Parks *Funded* Total:**	7,868,000 ***930,000***
G.	**Railroad Crossings**			
1	Arrow Route at Railroad Spur - New Concrete Panels (Continuation of Design with Construction funded)	Gas Tax R&T 7360	11743035650/1819174-0	***75,000***
2	Hellman Avenue at Metrolink Tracks - Widen Crossing (Continuation of Design with Construction funded) Note: Railroad Improvements funded by SCRRA	Transportation	11243035650/1847124-0	***1,050,000***
			Railroad Crossings UnFunded Total: **Railroad Crossings *Funded* Total:**	0 ***1,125,000***

CITY OF RANCHO CUCAMONGA - CAPITAL IMPROVEMENT PROGRAM - FISCAL YEAR 2016/17

No.	Project	Fund	Account	Amount ($)
H.	**Streets**			
1	6th St from Milliken to Charles Smith - Pavement Rehabilitation (Design with Construction funded FY 17/18) Note: approved CalRecycle Rebate	Gas Tax R&T 7360 Unknown	11743035650/1930174-0 1xxxxxx5650/xxxxxxx-0	***35,000*** 300,000 335,000
2	9th St from Grove to Hellman - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1904177-0	***300,000***
3	Arrow Route along the s/s 500' to 1300' e/o I-15 freeway - Widening (Design Feasibility with Construction possibly funded FY 17/18)	Gas Tax R&T 7360 Unknown	11743035650/1907174-0 1xxx3035650/1907xxx-0	***5,000*** 300,000 305,000
4	Base Line Rd - at I-15 Interchange (Continuation of Construction)	Transportation SAFETEA (federal) Prop 1B-SLPP (state)	11243035650/1361124-0 12093035650/1361209-0 12113035650/1361211-0	***100,000*** ***5,091,000*** ***19,920*** 5,210,920
5	Base Line Rd from Milliken to w/o Day Creek Blvd - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1880177-0	***900,000***
6	Carnelian St from Lemon Ave to Wilson Ave - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1722177-0	***468,000***
7	Church St from Pepper to Hellman - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1906177-0	***200,000***
8	East Ave from Chickasaw, west side, north 370 feet - Widen and Sidewalk (Design and Construction)	Gas Tax R&T 7360 Citywide Infrastructure	11743035650/1931174-0 11983035650/1931198-0	***55,000*** ***55,000*** 110,000
9	Etiwanda Ave from 6th St to Arrow Route - Street Widening Improvement (Design and Construction)	Transportation	11243035650/1076124-0	***450,000***
10	Foothill Blvd across SCE Corridor West of Day Creek Channel - Sidewalk Improvements (Design and Construction)	Citywide Infrastructure	11983035650/1826198-0	***145,000***
11	Foothill Blvd from Haven to Milliken - Pavement Rehabilitation (Design with Construction funded FY 17/18) Note: possible CalRecycle Rebate	Measure I Measure I	11773035650/1932177-0 11773035650/1932177-0	***50,000*** 900,000 950,000
12	Haven Ave from Foothill to Base Line - Pavement Rehabilitation (Design with Construction funded FY 17/18) Note: possible CalRecycle Rebate	Measure I Measure I	11773035650/1933177-0 11773035650/1933177-0	***50,000*** 900,000 950,000
13	Hellman Ave from San Bernardino Rd to Base Line Rd - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1905177-0	***357,000***
14	Hermosa Ave from Arrow to Foothill - Pavement Rehabilitation (Design with Construction funded FY 17/18) Note: approved CalRecycle Rebate	Measure I Measure I	11773035650/1934177-0 11773035650/1934177-0	***35,000*** 300,000 335,000
15	Hillside Rd from Archibald to Haven - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1879177-0	***850,000***
16	Jersey Blvd from Haven to Rochester - Pavement Rehabilitation (Design with Construction funded FY 17/18) Note: approved CalRecycle Rebate	Gas Tax R&T 7360 Unknown	11743035650/1929174-0 1xxx3035650/xxxxxxx-0	***50,000*** 550,000 600,000
17	Local Street Pavement Rehabilitation at Various Locations (Design and Construction)	Gas Tax R&T 7360 Citywide Infrastructure	11743035650/1022174-0 11983035650/1022198-0	***850,000*** ***50,000*** 900,000
18	Rochester Ave from Base Line to Banyan - Pavement Rehabilitation (Design with Construction funded FY 17/18) Note: possible CalRecycle Rebate	Measure I Measure I	11773035650/1935177-0 11773035650/1935177-0	***50,000*** 900,000 950,000
19	Rochester Ave from Foothill to Base Line - Pavement Rehabilitation Note: approved CalRecycle Rebate	Measure I	11773035650/1821177-0	***610,000***
20	San Bernardino Rd from Carnelian to Archibald - Pavement Rehabilitation Note: approved CalRecycle Rebate	Gas Tax R&T 7360 Fire Protection Capital	11743035650/1877174-0 32885015650/1877288-0	***200,000*** ***200,000*** 400,000

CITY OF RANCHO CUCAMONGA - CAPITAL IMPROVEMENT PROGRAM - FISCAL YEAR 2016/17

No.	Project	Fund	Account	Amount ($)
21	San Bernardino Rd from Grove to Foothill - Pavement Rehabilitation Note: approved CalRecycle Rebate	Gas Tax R&T 7360	11743035650/1903174-0	***104,000***
22	Youngs Canyon Road from Koch Place to Cherry Ave - Street Extension (Environmental, Design and Flood Control Review)	AD 88-2 Etiwanda/HighInd AD 88-2 Etiwanda/HighInd	18133035650/1601813-0 18133035650/1601813-0	***50,000*** 3,150,000 3,200,000
			Streets UnFunded Total:	7,300,000
			Streets *Funded* Total:	***11,329,920***

I. Traffic

1	6th at Rochester - Traffic Signal Installation	Transportation	11243035650/1939124-0	***513,000***
2	Archibald at Victoria - Traffic Signal Installation	Transportation	11243035650/1510124-0	***551,500***
3	Base Line Rd at Lion St- Pedestrian Hybrid Beacon	Citywide Infrastructure	11983035650/1921198-0	***80,000***
4	East at Miller - Traffic Signal Installation	Transportation	11243035650/1888124-0	***524,000***
5	Freeway and Arterial Signal Synchronization at various intersections where City streets intersect SR 210 and I-15 - Phase 1	AB 2766 Air Quality Transportation	11053035650/1900105-0 11243035650/1900124-0	***112,810*** ***207,190*** 320,000
6	Intelligent Transportation System Upgrade - Citywide	Transportation	11243035650/1831124-0	***100,000***
7	Milliken at 5th - Traffic Signal Installation	Transportation	11243035650/1940124-0	***469,000***
8	Milliken Ave Traffic Signals at Millenium Ct and Vintage Dr - Upgrade Left Turn Phases	Transportation	11243035650/1875124-0	***54,000***
9	Rochester at Jersey - Traffic Signal Installation	Transportation	11243035650/1941124-0	***315,000***
10	Terra Vista Parkway at Spruce - Safety Lighting Installation (Design with Construction funded FY 17/18)	SLD 4 SLD 4	11543035650/1902154-0 11543035650/1902154-0	***20,000*** 110,000 130,000
			Traffic UnFunded Total:	110,000
			Traffic *Funded* Total:	***2,946,500***

CITY OF RANCHO CUCAMONGA - CAPITAL IMPROVEMENT PROGRAM - FISCAL YEAR 2016/17

No.	Project	Fund	Account	Amount ($)
J.	**Future & Unfunded Projects**			
1	6th St at BNSF Spur Crossing west of Etiwanda Avenue Future Grade Separation	Unknown	xxxxxxxxxxx/1839xxx-0	16,953,000
2	9th St along north side west of Vineyard Ave - Sidewalk Improvements	Citywide Infrastructure Safe Route To School	11983035650/1808198-0 12343035650/1808234-0	25,000 90,800 115,800
3	Archibald Ave from Church to Palo Alto - Storm Drain	Unknown	xxxxxxxxxxx/1805xxx-0	1,215,000
4	Distribution System Automation - Switch to RCMU Service Area	Municipal Utility	17053035650/xxxx705-0	250,000
5	Epicenter - Hardscape Parking Lots B and C Planter Islands	Unknown	xxxxxxxxxxx/xxxxxxx-0	66,000
6	Etiwanda Ave Grade Separation at Metrolink Tracks	Unknown	xxxxxxxxxxx/1922xxx-0	40,000,000
7	Etiwanda Ave Line Extension from Arrow to Foothill	Municipal Utility	17053035650/1885705-0	602,500
8	Fire District - Central Station 178 (New Fire Station)	Fire Capital Projects	32885015650/1645288-0	9,000,000
9	Foothill Blvd from Grove Ave to San Bernardino Rd - Widening with Median Island including Landscaped Median to Vineyard (Right-of-Way and Construction)	Unknown	xxxxxxxxxxx/1189xxx-0	4,630,000
10	Foothill Blvd from San Bernardino Rd to Vineyard Ave - Median Landscape	Unknown	xxxxxxxxxxx/1908xxx-0	300,000
11	Haven Ave from Banyan to Wilson along the East side - sidewalk (Design and Construction funded with proposed TDA Grant and City match)	Gas Tax R&T 7360 TDA Article 3	11743035650/1864174-0 12143035650/1864214-0	75,000 189,000 264,000
12	Haven Ave from Wilson to Vivienda - Community Trail West Side (Continuation of Design with Construction funded)	Unknown	xxxxxxxxxxx/1829xxx-0	150,000
13	Hermosa Ave from Banyan to Wilson - Pavement Rehabilitation (Continuation of Design, with Construction FY16/17 if funds are available) Related to Hermosa storm drain	Gas Tax R&T 7360	11743035650/1815174-0	260,000
14	Hermosa Ave from the Alta Loma Basin to Wilson - Storm Drain Related to Hermosa pavement rehabilitation	Unknown	xxxxxxxxxxx/1810xxx-0	2,245,000
15	Lemon Ave from Archibald to Haven - Pavement Rehabilitation (Continuation of Design, with Construction FY17/18 if funds are available) Related to Lemon storm drain	Gas Tax R&T 7360	11743035650/1793174-0	560,000
16	Lemon Avenue from Haven to 1300 feet west - Storm Drain Related to Lemon pavement rehabilitation	Unknown	xxxxxxxxxxx/1791xxx-0	1,700,000
17	LMD 2 (Victoria) Area - Paseo Lighting Repair and Replace	LMD 2 Victoria	11313035650/1716131-0	150,000
18	Paul A. Biane Library - Second Floor Rancho KIDS Project	Unknown	xxxxxxxxxxx/1867xxx-0	4,250,000
19	Rochester Ave and Arrow Route, North East Corner - Street Widening and Sidewalk Improvements	Unknown	xxxxxxxxxxx/xxxxxxx-0	414,000
20	Victoria Gardens Cultural Center - Loading Bay	Capital Reserve Unknown	10250015650/1895025-0 xxxxxxxxxxx/1895xxx	25,000 175,000 200,000
			Future & Unfunded Total:	83,325,300

Beautification

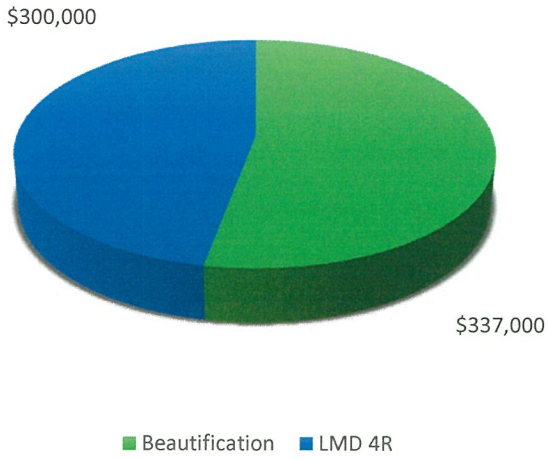
Typical Beautification projects include parkway landscape, median islands, plant material replacement, community trail landscape and open space preservation. The City strives to plan and budget for projects that exemplify Rancho Cucamonga's aesthetic standards, particularly in areas of the City that 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.

Project List & FY 2016-17 Expenditures

1	Archibald Ave east side n/o Sunflower - Widening	$ 187,000
2	Archibald Ave n/o Norbrook-Carrari St- Community Trail	$ 150,000
3	LMD 4R - Water Conservationa & Landscape Renovation	$ 300,000
		$ 637,000

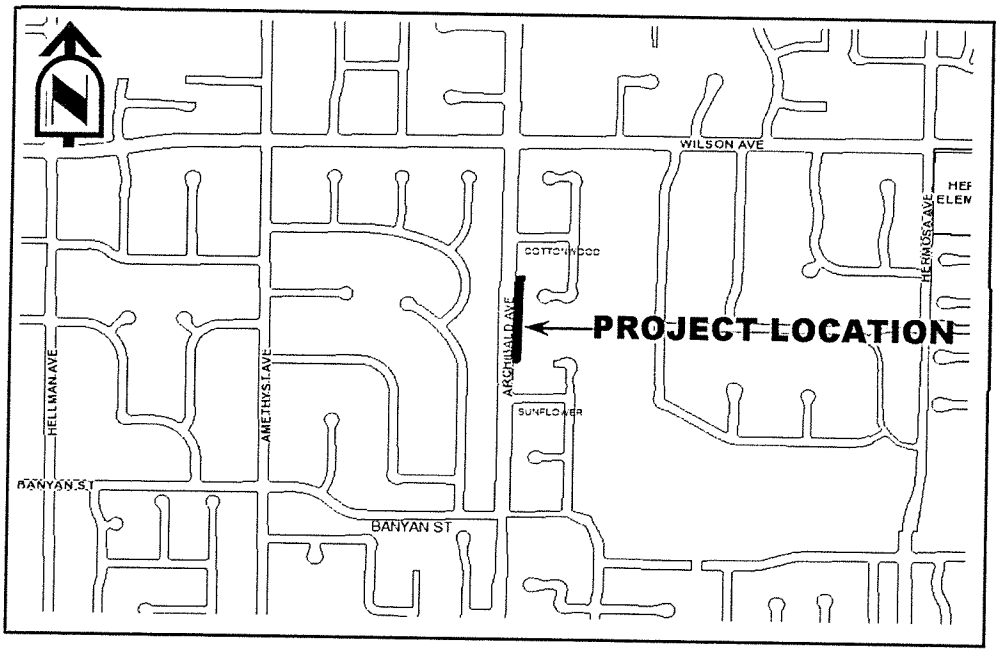
Sources of Funding for FY 2016-17



Project Number: 800-2015-13
JL Key: 1945
Object: 5650

Archibald Avenue east side north of Sunflower - Widening

Project Location:
Archibald Avenue - East side north of Sunflower



Est. Construction Start/End:
02/2017 - 04/2017

Project Status:
Design and Constructon

Department:
Engineering

Project Manager:
Romeo David

Description: Widen Street along the east side and construct a community trail.

Justification: This project will improve the traffic flow with the wider road and allow room for bicyclists. In addition, pedestrian circulation and safety will be improved with the addition of the community trail.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$150,000	$0	$0	$0	$0	$150,000
Inspection & Administration	$0	$22,000	$0	$0	$0	$0	$22,000
Contingency	$0	$15,000	$0	$0	$0	$0	$15,000
Total Costs:	$0	$187,000	$0	$0	$0	$0	$187,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Beautification Fund (110)	$0	$187,000	$0	$0	$0	$0	$187,000
Total Costs:	$0	$187,000	$0	$0	$0	$0	$187,000

Impact on Operations: This stretch will add a few hundred feet to the City's trail inventory, requiring trash removal, weed abatement, and routine maintenance.

Project Number: 800-2016-12
JL Key: 1830
Object: 5650

Archibald Ave from North of Norbrook to Carrari St - Community Trail West Side

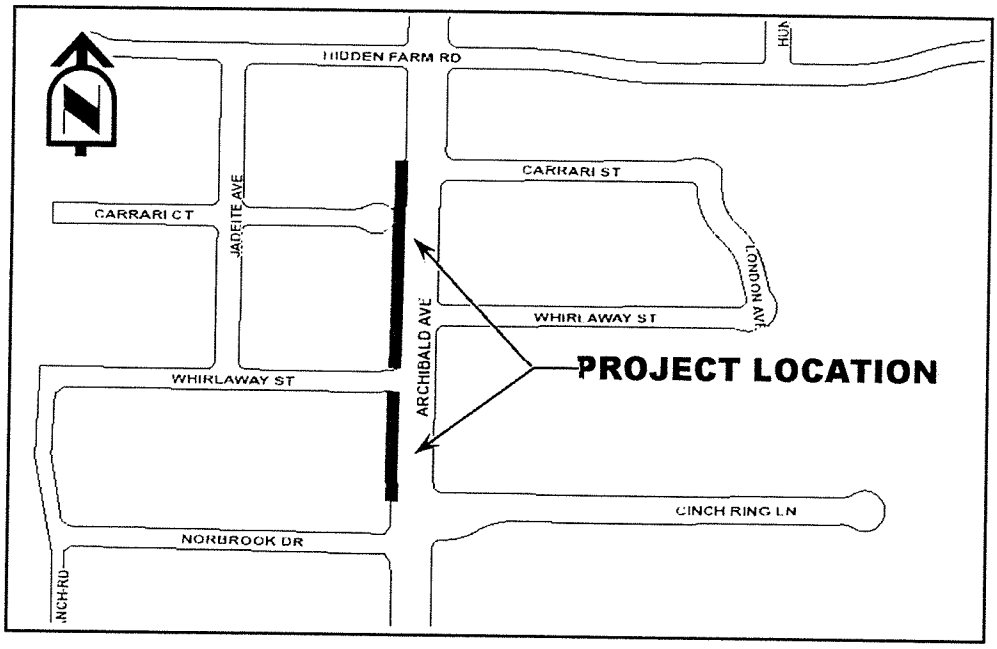
Project Location:
Archibald Avenue - From North of Norbrook to Carrari Street, West Side

Est. Construction Start/End:
02/2017 - 04/2017

Project Status:
Design and Construction

Department:
Engineering

Project Manager:
Romeo David



Description: Construction of an equestrian trail on Archibald Avenue along the west side. Project includes the installation of a 2 rail PVC fence, mow curbs and decomposed granite surface material.

Justification: This stretch along the west side of Archibald Avenue will remove existing public landscaping and trees, and replace with a community trail as part of the City trail master plan.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$10,000	$0	$0	$0	$0	$10,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$100,000	$0	$0	$0	$0	$100,000
Inspection & Administration	$0	$30,000	$0	$0	$0	$0	$30,000
Contingency	$0	$10,000	$0	$0	$0	$0	$10,000
Total Costs:	$0	$150,000	$0	$0	$0	$0	$150,000

Project Funding:

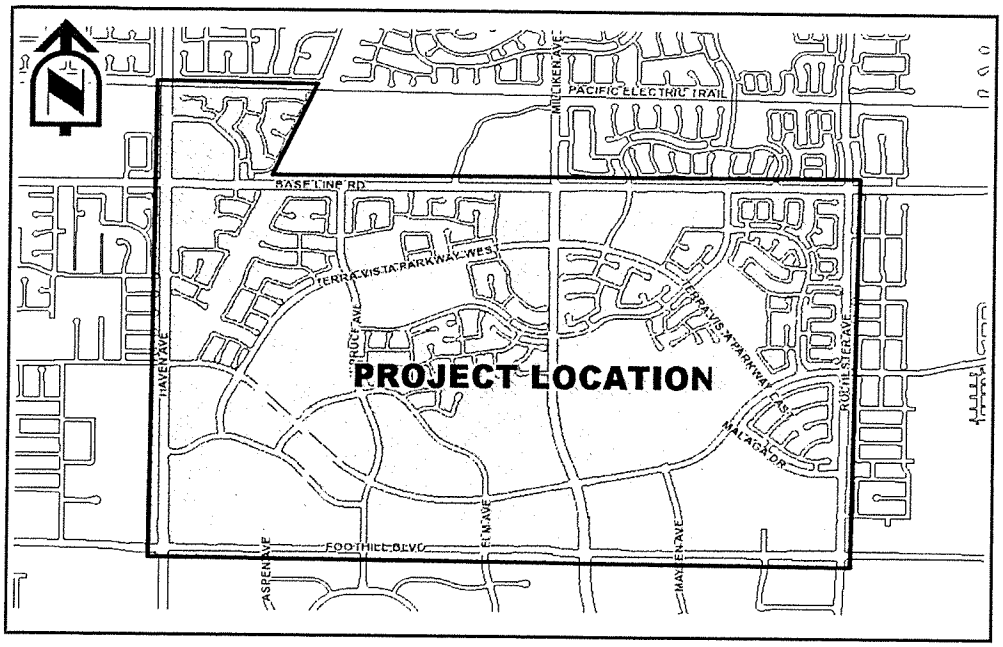
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Beautification (110)	$0	$150,000	$0	$0	$0	$0	$150,000
Total Costs:	$0	$150,000	$0	$0	$0	$0	$150,000

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. But, it also removes public landscaping and trees, thus reducing water costs and mainenance, and most likely reducing the overall cost of maintenance along this stretch.

Project Number:
JL Key: 1787
Object: 5650

LMD 4 - Water Conservation and Landscape Renovation

Project Location:
LMD 4



Est. Construction Start/End:
July 2015 – July 2017

Project Status:
Construction

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: The replacement of high maintenance turf and vegetation with low water use landscaping that meets the need to conserve resources, reduce maintenance costs, while providing landscape alternatives to the surrounding community.

Justification: The new landscaping will reduce maintenance costs and water use requirements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$19,730	$0	$0	$0	$0	$0	$19,730
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$332,310	$300,000	$0	$0	$0	$0	$632,310
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$352,040	$300,000	$0	$0	$0	$0	$652,040

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
LMD 4R Terra Vista (134)	$352,040	$300,000	$0	$0	$0	$0	$652,040
Total Costs:	$352,040	$300,000	$0	$0	$0	$0	$652,040

Impact on Operations: There will be disruptions when the existing landscaping is removed and new landscaping installed. However, once completed, maintenance and irrigation costs will be much lower.

Drainage

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.

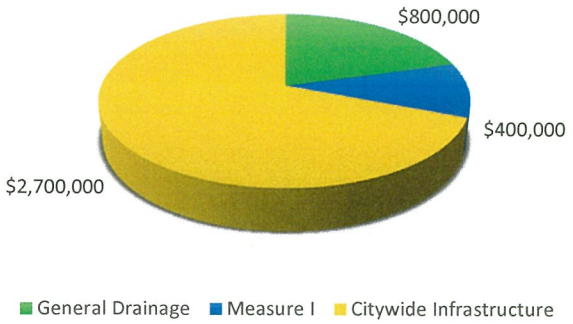
The City consults with many other agencies when constructing new drainage improvements, including utility companies, the Cucamonga Valley Water District, the San Bernardino Flood Control District and the Army Corps of Engineers, as needs dictate.

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

Project List & FY 2016-17 Expenditures

1	Cucamonga Storm Drain Upper Phase 3- E/O Hellman to 19th Street	$ 3,900,000
		$ 3,900,000

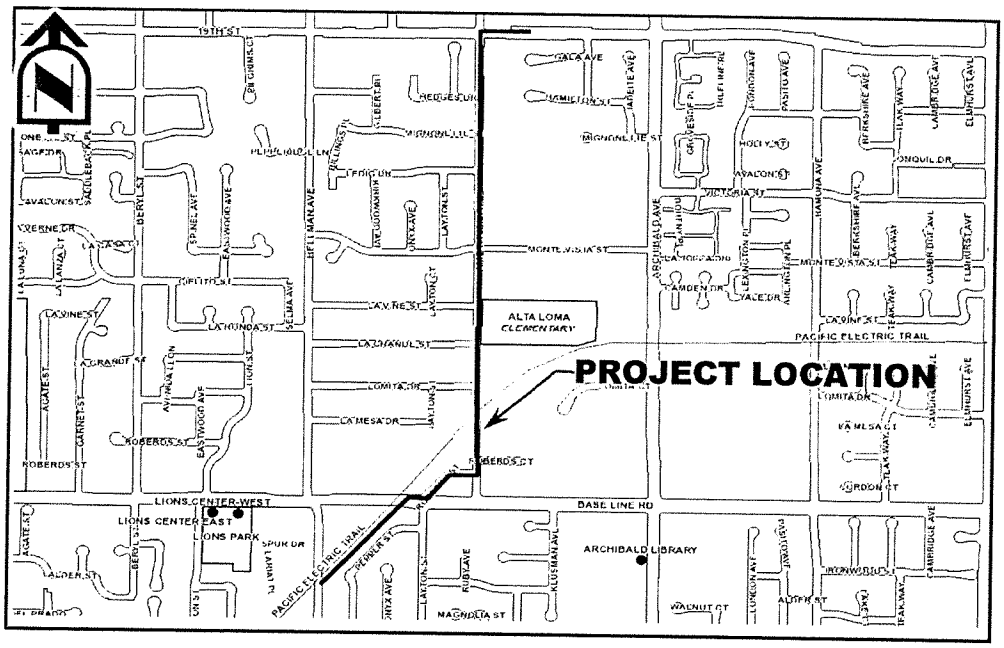
Sources of Funding for FY 2016-17



Project Number: 800-2016-01
JL Key: 1928
Object: 5650

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

Project Location:
East of Hellman Avenue, Amethyst Street to 19th Street



Est. Construction Start/End:
04/2017 – 10/2017

Project Status:
Under 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$150,000	$0	$0	$0	$0	$150,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$3,200,000	$0	$0	$0	$0	$3,200,000
Inspection & Administration	$0	$230,000	$0	$0	$0	$0	$230,000
Contingency	$0	$320,000	$0	$0	$0	$0	$320,000
Total Costs:	$0	$3,900,000	$0	$0	$0	$0	$3,900,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
General Drainange Fund (112)	$0	$800,000	$0	$0	$0	$0	$800,000
Measure I Fund (176)	$0	$400,000	$0	$0	$0	$0	$400,000
Infrastructure Fund (198)	$0	$2,700,000	$0	$0	$0	$0	$2,700,000
Total Costs:	$0	$3,900,000	$0	$0	$0	$0	$3,900,000

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.

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.

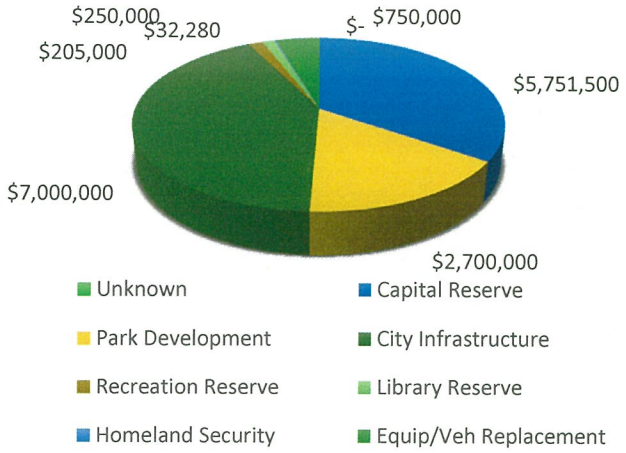
Project List & FY 2016-17 Expenditures

1	Animal Care & Adoption Center Mak	$	701,500
2	Archibald Library Office Design	$	205,000
3	Central Park-Emergency Backup Power	$	50,000
4	Central Park-Flooring Rplcmt	$	310,000
5	City Facilities-Roofing Rplcmt & Repairs	$	250,000
6	City Hall-Elevator Modification	$	95,000
7	Civic Center-Council Chambers AV Rplcmt Ph2	$	150,000
8	Civic Center- Human Resources Office Relocations	$	350,000
9	Civic Center-Lndscp Renov. Ph 2	$	500,000
10	Fire District-EOC Reconfiguration	$	282,280
11	Fire District-Jersey Station Trng Facility	$	20,182,350
12	Fire District- San Bernardino Rd Station Relocation	$	750,000
13	Fire District-Water Conservation Lndscping	$	600,000
14	LoanMart Stadium- Sound System	$	50,000
15	LoanMart Stadium- Team Locker Rms Carpet	$	25,000

Project List & FY 2016-17 Expenditures

16	LoanMart Stadium- Team Locker Rm Showers	$	30,000
17	PWSD- Warehouse	$	170,000
18	RCFSC-Relocation	$	13,200,000
19	Victoria Gardens Cultural Cntr-Courtyard Re-Design	$	120,000
20	Victoria Gardens Cultural Cntr-Painting	$	500,000
		$	38,521,130

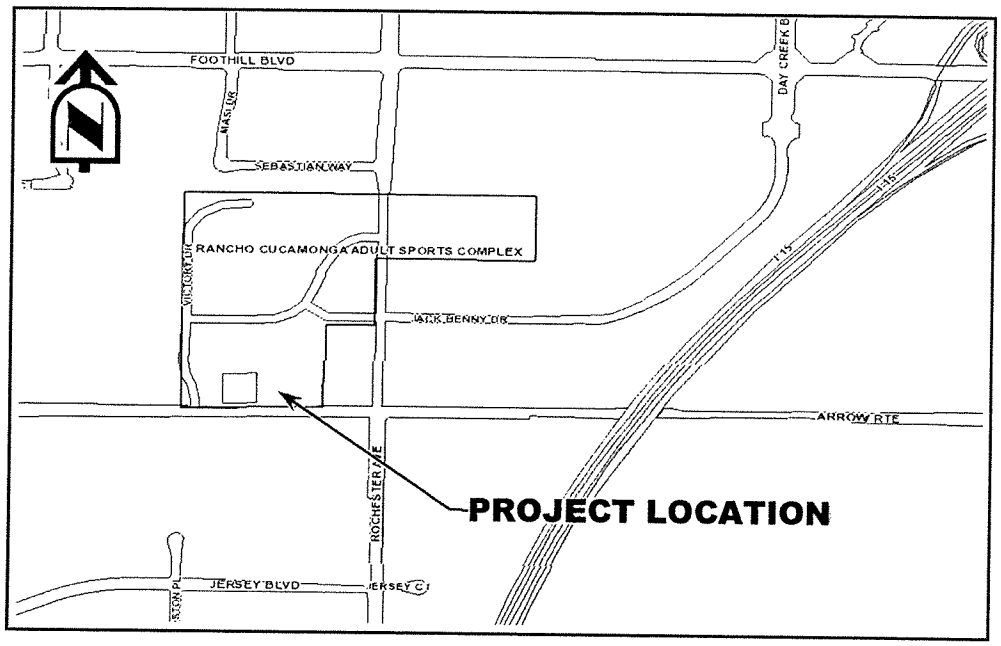
Sources of Funding for FY 2016-17



Project Number:
JL Key: 1920
Object: 5650

Animal Care and Adoption Center Makeover

Project Location:
Animal Care and Adoption Center



Est. Construction Start/End:
July 2016–June 2017

Project Status:
Carry over from FY 15-16

Department:
PWSD/Animal Sheter

Project Manager:
T. Quaintance/V. Fincher

Description: This project includes: complete painting of interior, removal of epoxy coating throughout the facility, energy efficient lighting, new kennel gates, installation of new sinks, new tile floors in the main lobby, enhancement of plumbing in the kennel area and new sound acoustics to assist with the interior noise level.

Justification: The Animal Care and Adoption Center has been open to the community for over 9 years and is showing signs of wear due to the busy day-to-day operations and the high volume of animals and visitors the center receives. This project will address many of the needs for the animals, as well as the community and city staff.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$38,500	$0	$0	$0	$0	$0	$38,500
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$110,000	$651,500	$0	$0	$0	$0	$761,500
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$50,000	$0	$0	$0	$0	$50,000
Total Costs:	$148,500	$701,500	$0	$0	$0	$0	$850,000

Project Funding:

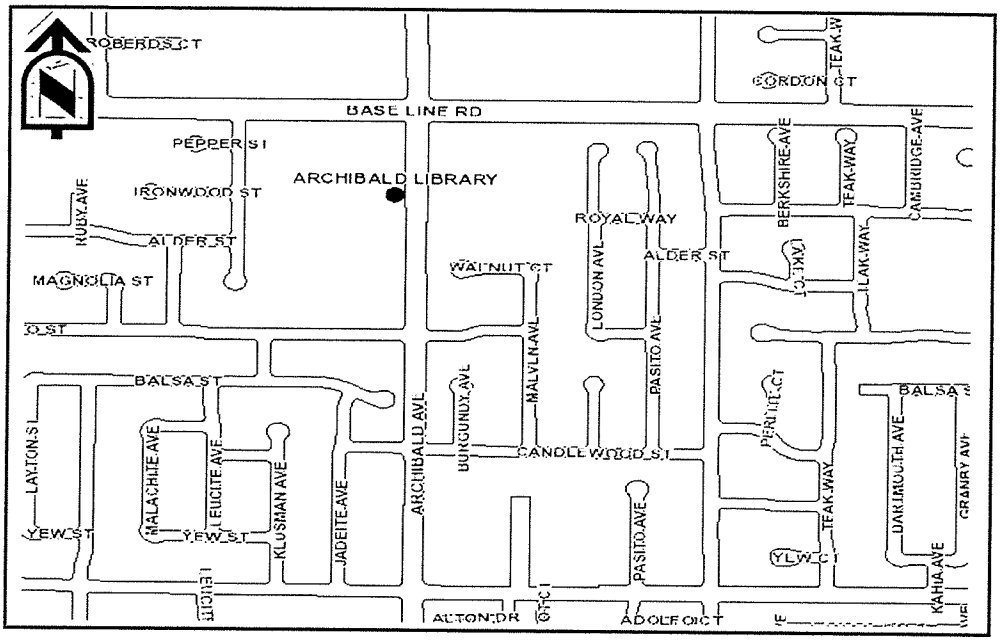
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$148,500	$701,500	$0	$0	$0	$0	$850,000
Total Costs:	$148,500	$701,500	$0	$0	$0	$0	$850,000

Impact on Operations: This project will update the Center's physical appearance as well as become more energy efficient with the new lighting and plumbing fixtures. The new floors will assist with the overall maintenance operations. Relocation of some of the animals during the kennel area may be needed during the makeover phase.

Project Number:
JL Key:
Object: 5602

Archibald Library Office Redesign

Project Location:
Archibald Library staff areas: first floor (Circulation staff area) and second floor (staff area and literacy office)



Est. Construction Start/End:
TBD

Project Status:
Design and Build

Department:
Library

Project Manager:
Michelle Perera

Description: Redesign and new furniture for staff areas at the Archibald Library, including first floor staff office and area in Circulation, second floor administration area, staff room, and offices; and second floor literacy offices. Most of the work will be cosmetic.

Justification: Existing staff area is over 20 years old and contains all original furniture, with the exception of the chairs. Limited storage space and functional cubicles has led to boxes, carts, and library materials crowding staff areas. Creating a more efficient and ergonomic space will allow for better workflow, better working conditions, as well as more inviting for the public into admin area.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$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
Total Costs:	$0	$205,000	$0	$0	$0	$0	$205,000

Project Funding:

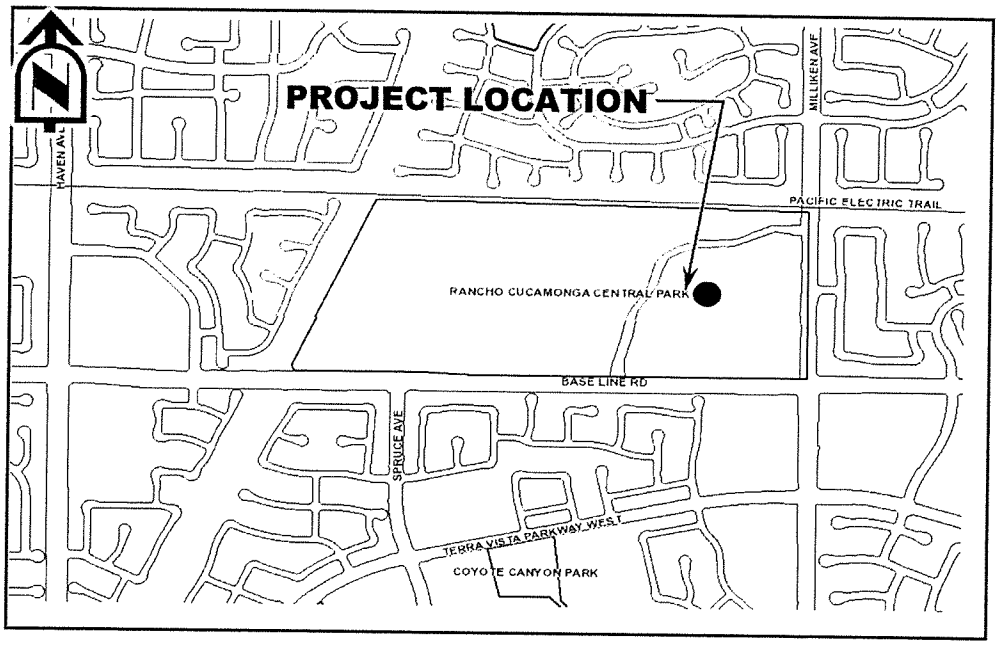
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Library Reserve (329)	$0	$205,000	$0	$0	$0	$0	$205,000
Total Costs:	$0	$205,000	$0	$0	$0	$0	$205,000

Impact on Operations: No impact on operations. Overall space remains the same.

Project Number:
JL Key: 1914
Object: 5650

Central Park - Emergency Backup Power

Project Location:
Central Park



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Eng/Fire/PW

Project Manager:
C Billings/M. Courtney/Ty Q.

Description: To design an emergency backup power system that will provide 100% power for Central Park which is to be used as an evacuation center.

Justification: The emergency back up power will be used during emergency situations where Central Park is used as an evacuation center.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$0	$0	$0
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$50,000	$0	$0	$0	$0	$50,000

Project Funding:

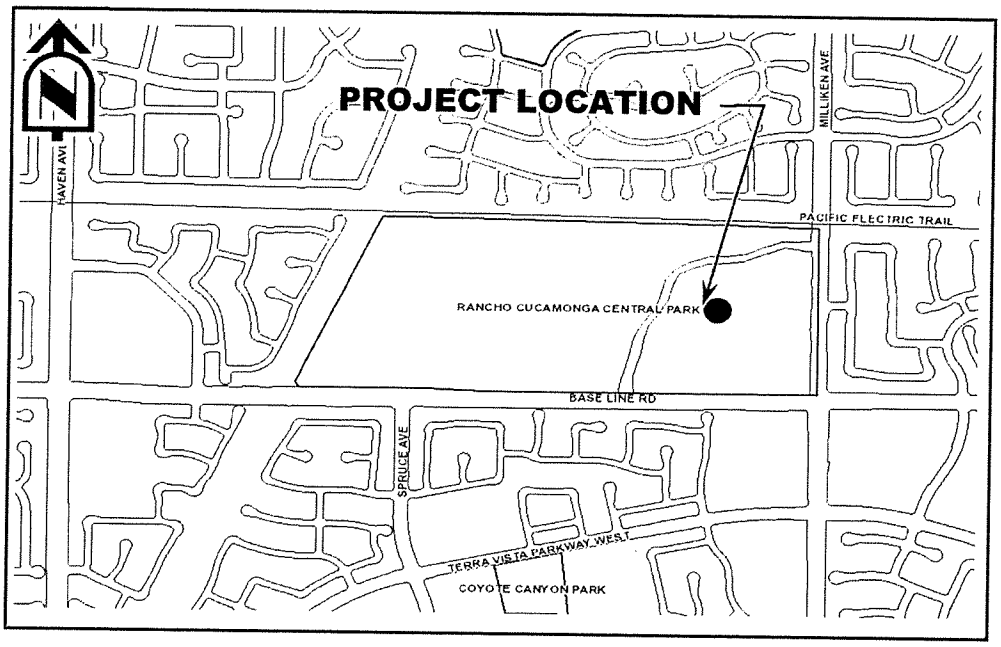
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Fire Fund (288)	$0	$50,000	$0	$0	$0	$0	$50,000
Total Costs:	$0	$50,000	$0	$0	$0	$0	$50,000

Impact on Operations: None

Project Number:
JL Key:
Object: 5602

Central Park - Flooring Replacements

Project Location:
Central Park



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Replace marmoleum flooring in halls and rooms - Rancho Hall (4,512 SF), David Drier Hall (3,192 SF), Creative Corner (1,140 SF), Bear Flat & Grizzly Gulch (750 SF each), Raccoon (600 SF), Fox (700 SF), Chipmunk (800 SF), Playschool Hall (250 SF), Staff Breakroom (400 SF), Snack Bar (200 SF), Game Point (850 SF), Crafters Den (750 SF) and Clay Creek (1,152 SF). Total of 16,046 SF.

Justification: The existing flooring is over 10 years old and in need of replacement thoughout the facility. The marmoleum pieces are coming up in sections. Due to funding limits, Base Bid will be Rancho Hall and David Drier Hall marmoleum replacement. There will be Additive Bids for all the remaining rooms/halls. Additive Bids will be awarded depending on remaining funds after Base Bid amount.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$10,000	$0	$0	$0	$0	$10,000
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
Total Costs:	$0	$310,000	$0	$0	$0	$0	$310,000

Project Funding:

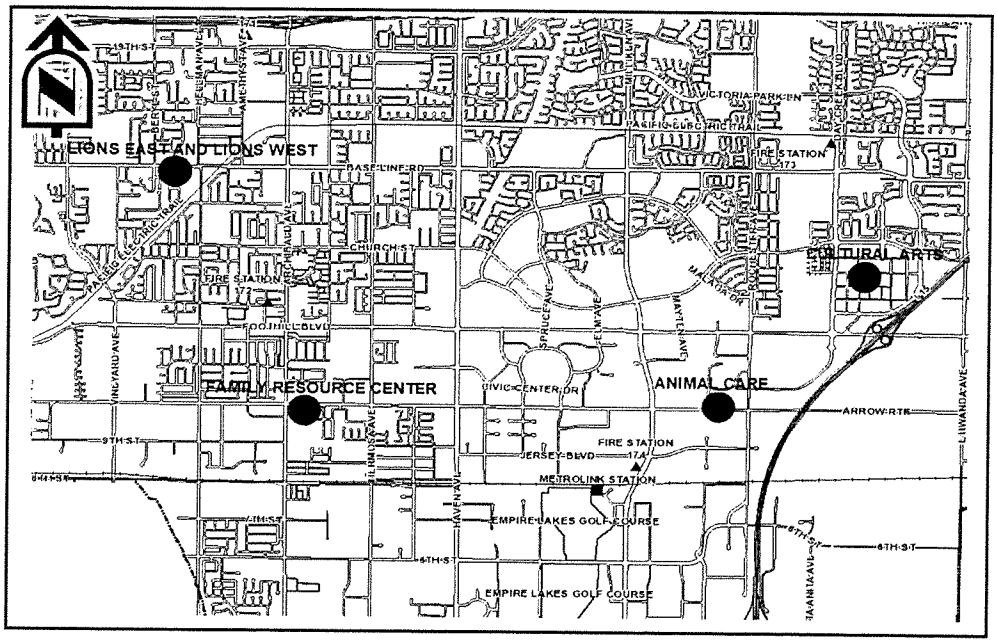
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$310,000	$0	$0	$0	$0	$310,000
Total Costs:	$0	$310,000	$0	$0	$0	$0	$310,000

Impact on Operations: Installation will have significant impact on the usage of the halls and rental rooms. Existing marmoleum must be removed, concrete treated and adhesive and new flooring applied. No foot traffic on new flooring for minimum of 7 days after installation. PWSD must coordinate with CSD to ensure rooms will not be used during installation period.

Project Number:
JL Key:
Object: 5602

City Facilities - Roofing Replacement and Repairs

Project Location:
Animal Care, Cultural Arts, Family Resource Center, Lions East and Lions West



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Replace roofing systems at Lions West. Roofing repairs are required at Lions East as well as the Animal Care and Adoption Center. The RC Family Resources Center roofing will be replaced at a later date, possibly FY 2017/18, since future of this facility still needs to be determined.

Justification: During FY 15/16, a consultant performed an evaluation of the roofing systems at all City facilities, with the exception of the Civic Center. The results of the roofing survey recommended that the roofs at these noted facilities need to be replaced and/or repaired.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$200,000	$125,000	$0	$0	$0	$325,000
Inspection & Administration	$0	$50,000	$0	$0	$0	$0	$50,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$250,000	$125,000	$0	$0	$0	$375,000

Project Funding:

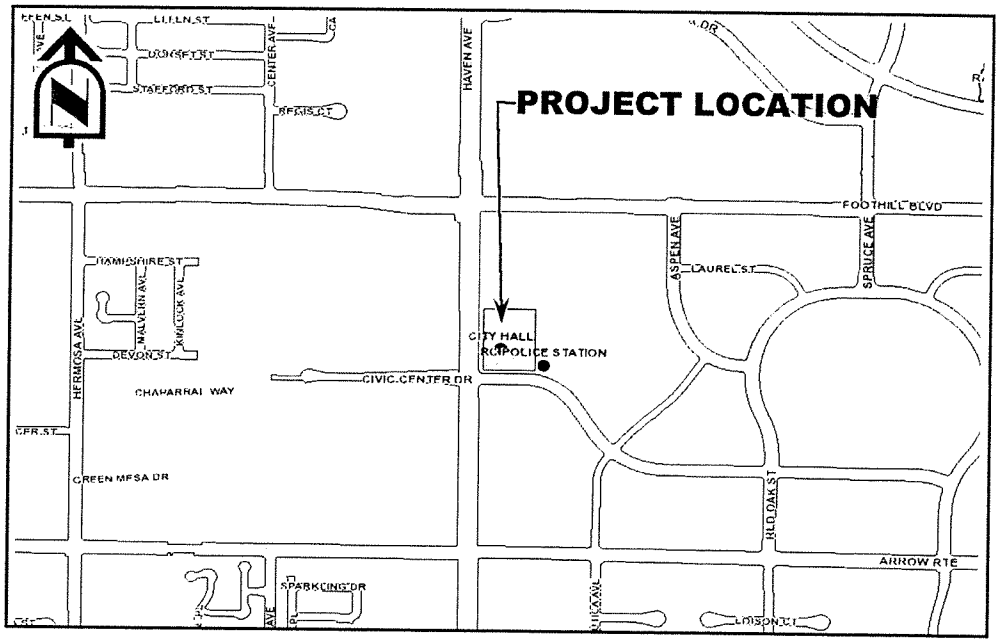
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$250,000	$125,000	$0	$0	$0	$375,000
Total Costs:	$0	$250,000	$125,000	$0	$0	$0	$375,000

Impact on Operations: Replacement or repair of roofing at the mentioned facilities will reduce maintenance requirements at these facilities.

Project Number:
JL Key:
Object: 5602

City Hall - Elevator Modernization

Project Location:
City Hall



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Modernization of the City Hall elevator to be in compliance with current ADA requirements.

Justification: Bids for this project were originally opened in March 2016. The current low bid for this project did not include necessary items, such as fire detection and phone work. Will need to go back out to bid to include all improvements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$8,160	$0	$0	$0	$0	$0	$8,160
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$95,000	$0	$0	$0	$0	$95,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$8,160	$95,000	$0	$0	$0	$0	$103,160

Project Funding:

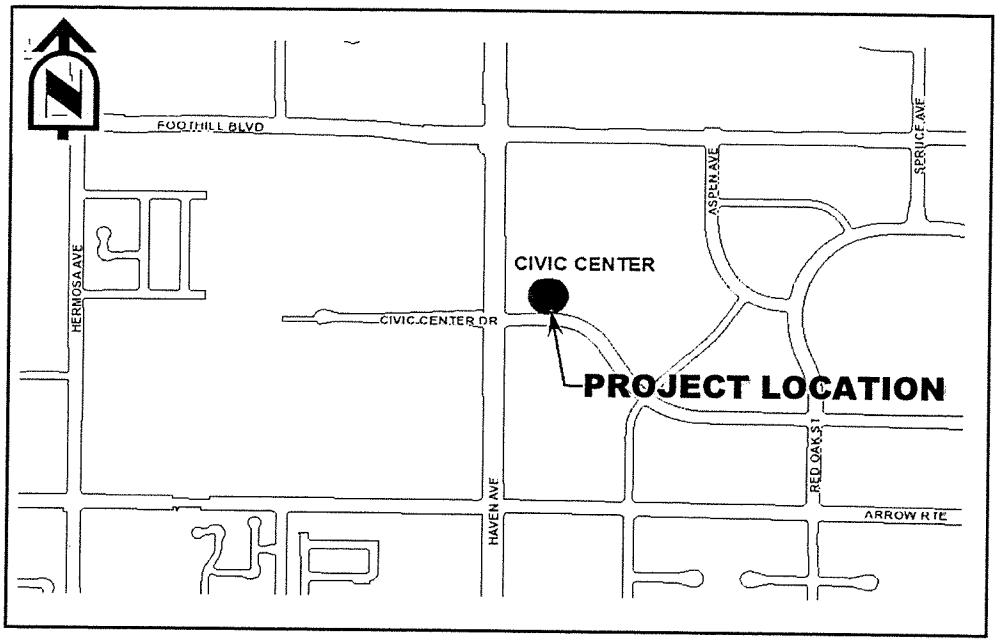
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$8,160	$95,000	$0	$0	$0	$0	$103,160
Total Costs:	$8,160	$95,000	$0	$0	$0	$0	$103,160

Impact on Operations: City Hall elevator will be out of commission while work is being performed.

Project Number:
JL Key:
Object: 5602

Civic Center - Council Chambers AV Replacement Phase III

Project Location:
Civic Center - Council Chambers



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Phase III of the Council Chamber AV Replacement.

Justification: This phase will complete the AV replacement project and new HD cameras, additional hardware and software updates, various lighting improvements and facility enhancements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$30,000	$50,000	$0	$0	$0	$0	$80,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$530,520	$100,000	$0	$0	$0	$0	$630,520
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$560,520	$150,000	$0	$0	$0	$0	$710,520

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$300,000	$0	$0	$0	$0	$0	$300,000
PEG (882)***	$250,000	$150,000	$0	$0	$0	$0	$400,000
Fire Fund (288)	$10,520	$0	$0	$0	$0	$0	$10,520
Total Costs:	$560,520	$150,000	$0	$0	$0	$0	$710,520

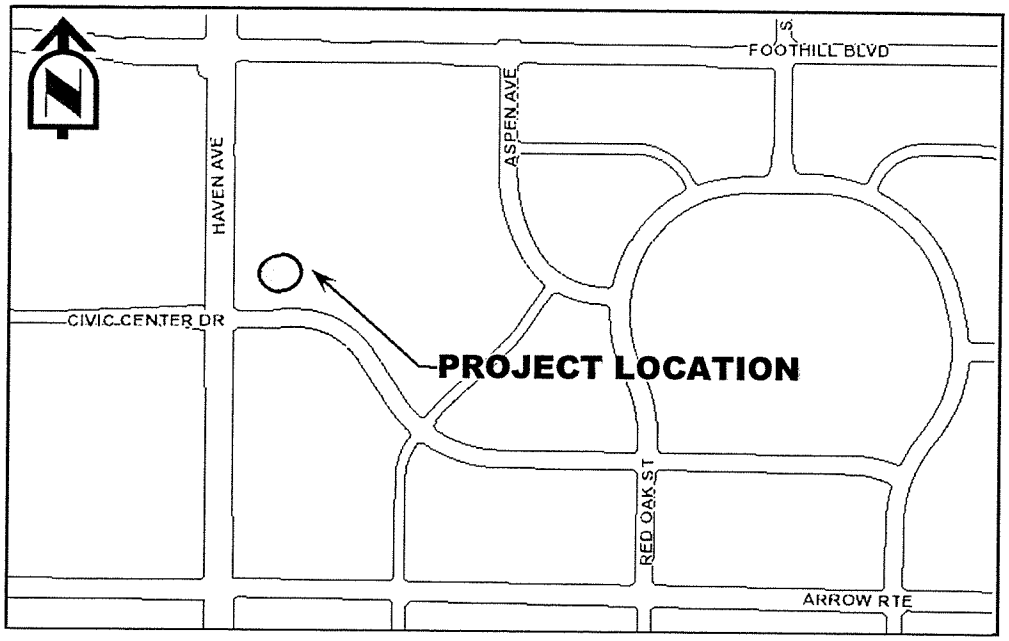
***Cost incurred in Capital Reserve funding for 2015/2016 and 2016/2017, will be reimbursed with PEG funding.

Impact on Operations: None

Project Number:
JL Key:
Object: 5602

Civic Center - Human Resources Office Relocation

Project Location:
City Hall, Lower Level



Est. Construction Start/End:
July 2016 - December 2016

Project Status:
Preliminary space plan

Department:
Human Resources and Finance

Project Manager:
Robert Neiuber

Description: Current GIS space and part of adjacent IS space, would be reconfigured to become a new space for Human Resources. Space would include an Intern bullpen to be shared with all departments, a training and collaboration room, storage and offices. The old Human Resources offices would be repurposed and reconfigured for Finance staff to occupy.

Justification: Current shared space with Finance is too small to accommodate both staffs, along with their storage and meeting space needs. The new space will better fit HR's organizational development role and allow us to continue to improve our onboarding process with new people coming into Team RC. It will also provide a more efficient work space for staff and a centralized location for interns to encourage collaboration among departements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$6,000	$0	$0	$0	$0	$0	$6,000
Furnishings	$0	$150,000	$0	$0	$0	$0	$150,000
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
Total Costs:	$6,000	$350,000	$0	$0	$0	$0	$356,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
General Fund (001)	$6,000	$0	$0	$0	$0	$0	$6,000
Capital Reserve (025)*	$0	$350,000	$0	$0	$0	$0	$350,000
Total Costs:	$6,000	$350,000	$0	$0	$0	$0	$356,000

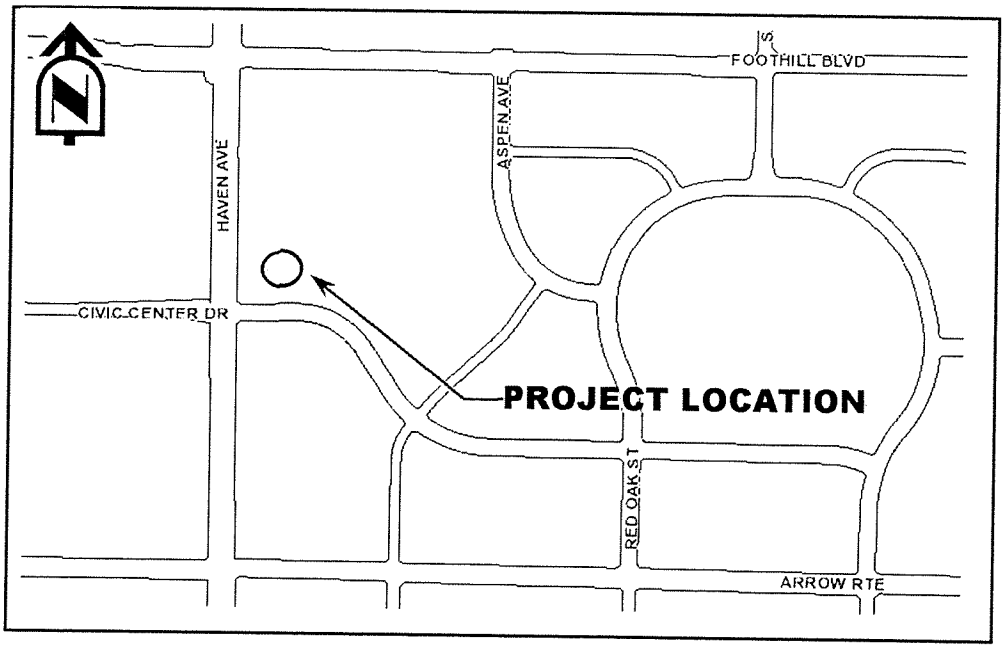
**Comprised of Capital Facilities Replacement Reserve ($325,000) and Self-Insurance Reserve ($25,000)*

Impact on Operations: No additional ongoing operating costs.

Project Number:
JL Key:
Object: 5607

Civic Center - Landscape Renovation Phase I & II

Project Location:
Civic Center



Est. Construction Start/End:
07/2016 – 06/2017

Project Status:
Construction

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: Continue the replacement of the high maintenance and water consuming turf and vegetation with low water use landscaping. This will provide landscaping alternatives to the surrounding community while conserving resources and reducing maintenance costs.

Justification: The new landscaping will significantly reduce maintenance costs and comply with water use requirements along with establishing a landscape conservation show piece for the community and future development. Work will start at perimeter and turf areas.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2018/19	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$91,750	$0	$0	$0	$0	$0	$91,750
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$475,000	$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
Total Costs:	$91,750	$500,000	$0	$0	$0	$0	$591,750

Project Funding:

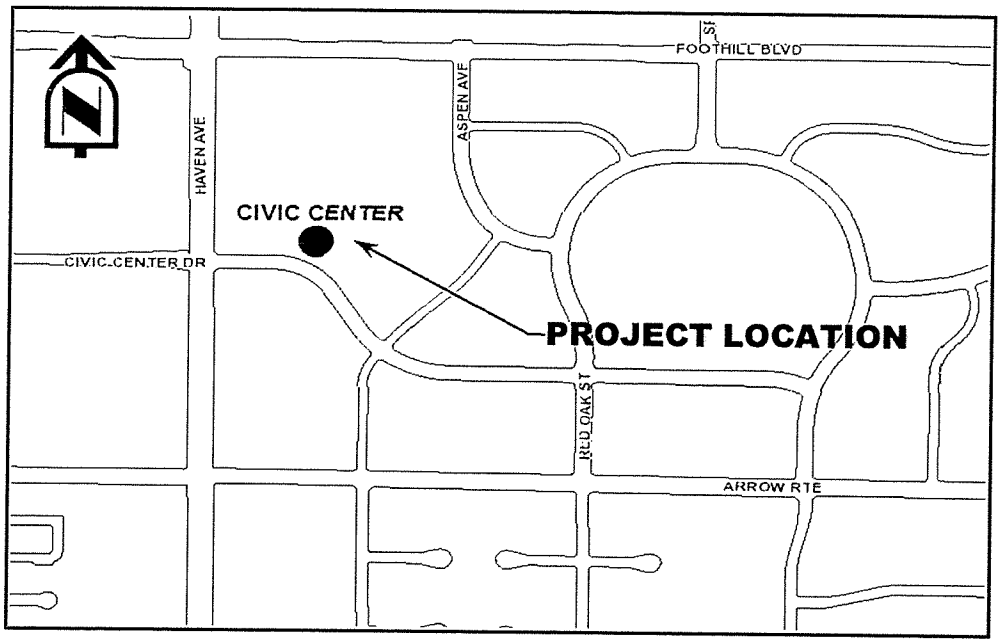
Funding Source	Prior Years	2016/17	2017/18	2018/19	2018/19	TBD	TOTAL
Capital Reserve (025)	$91,750	$500,000	$0	$0	$0	$0	$591,750
Total Costs:	$91,750	$500,000	$0	$0	$0	$0	$591,750

Impact on Operations: There will be disruptions when the existing landscaping is removed and new landscaping installed. However, once completed, maintenance and irrigation costs will be much lower.

Project Number:
JL Key:
Object: 5606

Fire District-Emergency Operations Center (EOC) Reconfiguration

Project Location:
10510 Civic Center Drive Police Facility-Third Floor



Est. Construction Start/End:
June 2016-December 2016

Project Status:
In Design

Department:
Fire Protection District

Project Manager:
Chief Cloughesy/B. Medina

Description: Reconfiguration of the existing Emergency Operations Center workstations and completion of upgrades to the audiovisual equipment.

Justification: This project will serve the entire community of Rancho Cucamonga and provide updated and adequate response capability to the existing outdated equipment for the management of natural disasters such as fire, flood, wind and earthquake. Based on real world incidents, exercises and trainings these upgrades have been identified through after action reporting and will provide enhanced collaboration with internal and external agencies and allow for increased incident management.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Audio/Visual Technology	$20,000	$25,000	$0	$0	$0	$0	$45,000
Ergonomic Workstations	$0	$197,280	$0	$0	$0	$0	$197,280
Chairs	$0	$50,000	$0	$0	$0	$0	$50,000
Magnetic Whiteboard	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$20,000	$282,280	$0	$0	$0	$0	$302,280

Project Funding:

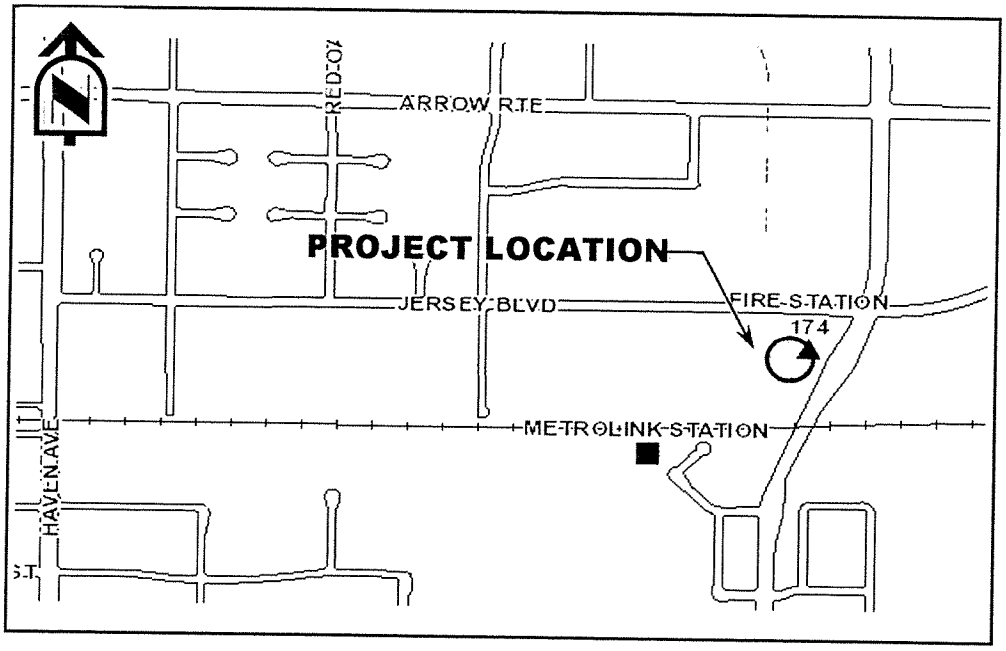
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Fire Capital Projects (288)	$20,000	$250,000	$0	$0	$0	$0	$270,000
FY2015 Homeland Security (380)	$0	$32,280	$0	$0	$0	$0	$32,280
Total Costs:	$20,000	$282,280	$0	$0	$0	$0	$302,280

Impact on Operations: This project will increase capacity of the Emergency Operations Center (EOC) potentially saving the City money through the procurement of disaster recovery funds based on proper incident management techniques.

Project Number:
JL Key: 1735
Object: 5650

Fire District - Jersey Station (174) Training Facility

Project Location:
Behind Jersey Fire Station (174) and the Fire Maintenance Facility on Jersey Boulevard.



Est. Construction Start/End:
2015/16 - 2016/17

Project Status:
Bid for construction

Department:
Fire Protection District

Project Manager:
Chief Cloughesy/Pamela Pane

Description: Architect approved by the Fire Board on July 2, 2014, for Phase II of the Architectural Design Services.

Justification: A training facility has been part of the Jersey Station Master Plan since its inception. Several multi-story hotels have been constructed and additional mid-rise professional offices are proposed in the future necessitating this training tower. It will include expanded classrooms, a live burn building, multi-story training building and other props that will simulate construction features in present and future developments. Will include a Data Center that will provide for redundancy of services to strengthen our City's IS infrastructure. Will also include the FIRE DOC and centralized storage for the District. Other driving forces for this All Risk Training Center are population growth, increased need to train with regional cooperating agencies and provison of a realistic facility our PD parners can utilize for local training and coordination.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$15,980	$0	$0	$0	$0	$0	$15,980
Design/Plan Review	$1,704,086	$0	$0	$0	$0	$0	$1,704,086
Construction Management	$1,875,680	$0	$0	$0	$0	$0	$1,875,680
Construction	$191,353	$19,182,350	$0	$0	$0	$0	$19,373,703
Inspection & Administration	$0	$50,000	$0	$0	$0	$0	$50,000
Contingency	$0	$950,000	$0	$0	$0	$0	$950,000
Total Costs:	$3,787,099	$20,182,350	$0	$0	$0	$0	$23,969,449

Project Funding:

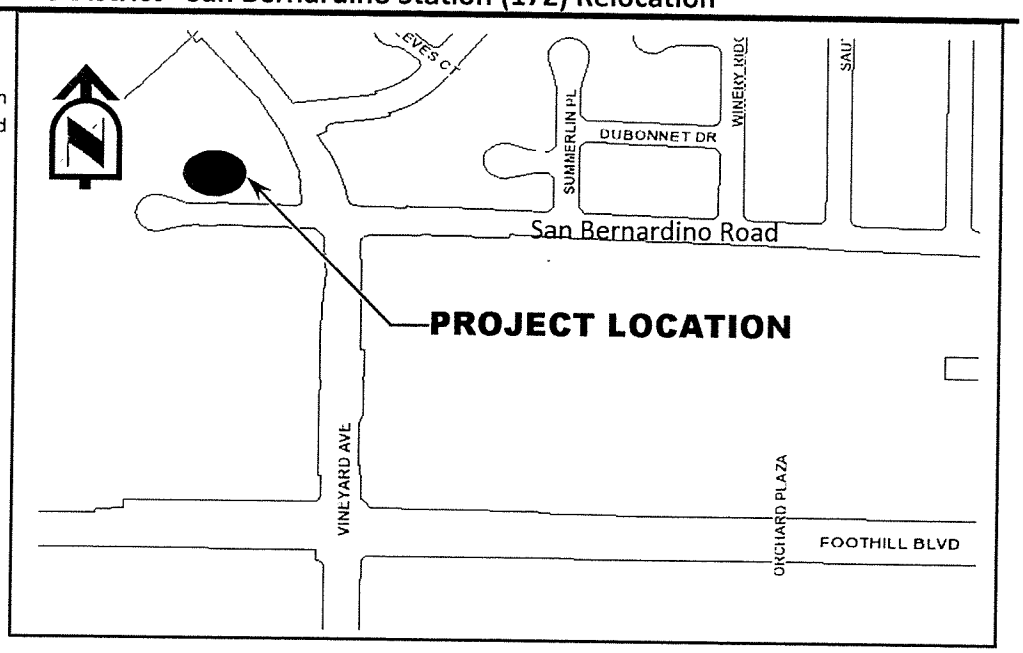
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Fire Capital Projects (288)	$3,787,099	$20,182,350	$0	$0	$0	$0	$23,969,449
Total Costs:	$3,787,099	$20,182,350	$0	$0	$0	$0	$23,969,449

Impact on Operations: Fire District operations and maintenance cost will increase. The cost will be better determined after the design phase is complete. Opportunities may exist for regional partnerships that could help effect operational costs.

Project Number:
JL Key: 1733
Object: 5650

Fire District - San Bernardino Station (172) Relocation

Project Location:
At the northwest corner of San Bernardino Road and Vineyard Avenue



Est. Construction Start/End:
Unknown

Project Status:
Property purchased for a proposed location

Department:
Fire Protection District

Project Manager:
Chief Mike Costello/Pamela Pane

Description: New Fire Station construction at a new location. Property has been purchased for a proposed new location. Alternate locations are also being evaluated.

Justification: Rebuilding and possibly relocating a 50+ year old fire station. This station serves the southwestern portion of the Rancho Cucamonga community.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$750,000	$0	$0	$0	$0	$750,000
Land Acquisition	$881,334	$0	$0	$0	$0	$0	$881,334
Construction	$101,460	$0	$6,000,000	$0	$0	$0	$6,101,460
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$982,794	$750,000	$6,000,000	$0	$0	$0	$7,732,794

Project Funding:

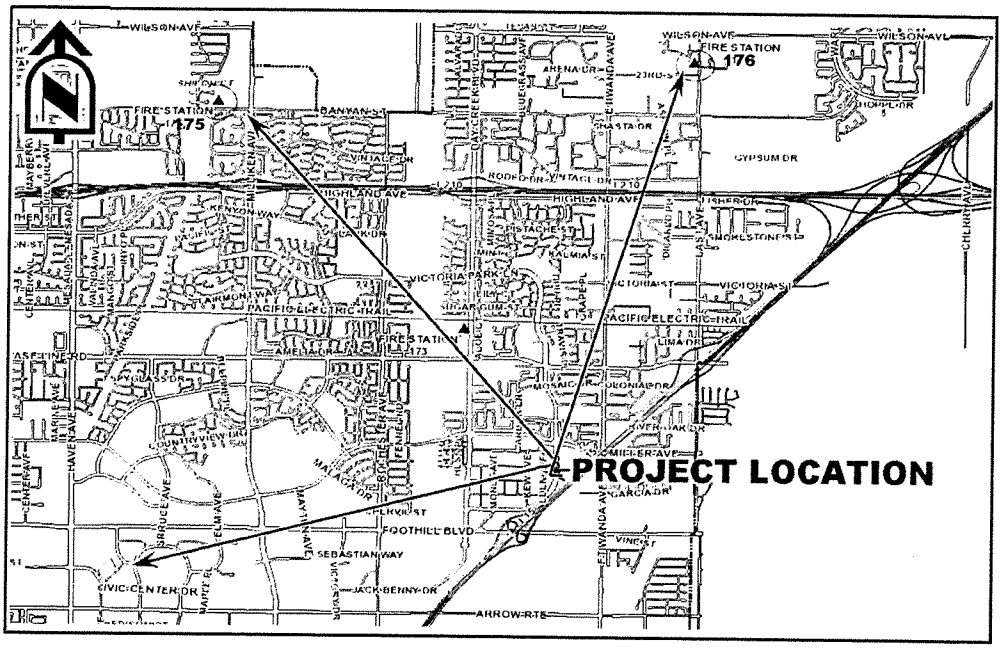
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Fire Capital Projects (288)	$982,794	$750,000	$6,000,000	$0	$0	$0	$7,732,794
Total Costs:	$982,794	$750,000	$6,000,000	$0	$0	$0	$7,732,794

Impact on Operations: No additional personnel costs - current San Bernardino Station personnel will move to the new station when complete. Larger station design could create an increase in maintenance costs, but greater efficiency in station equipment could make it a wash.

Project Number:
JL Key:
Object: 5602

Fire District - Water Conservation Landscaping

Project Location:
Banyan Fire Station (175), East Avenue Fire Station (176) and the District Utica Property



Est. Construction Start/End:
07/2016 – 06/2017

Project Status:
Working on design with Architect

Department:
Fire Protection District

Project Manager:
Chief Cloughesy/Pam Pane

Description: Removal of high water use turf and replace with drought tolerant landscape plant materials with drip system retrofit. The low impact design allows for utilizing certain stations with bio swales to allow for on-site nuisance water retention and percolation. Also includes hardscape improvements for vehicular circulation, perimeter gate/fencing modification and ADA improvements to both the front public parking and entrance.

Justification: Executive order from the State of California to take measures to reduce water consumption.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$600,000	$0	$0	$0	$0	$600,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$166,350	$600,000	$0	$0	$0	$0	$766,350

Project Funding:

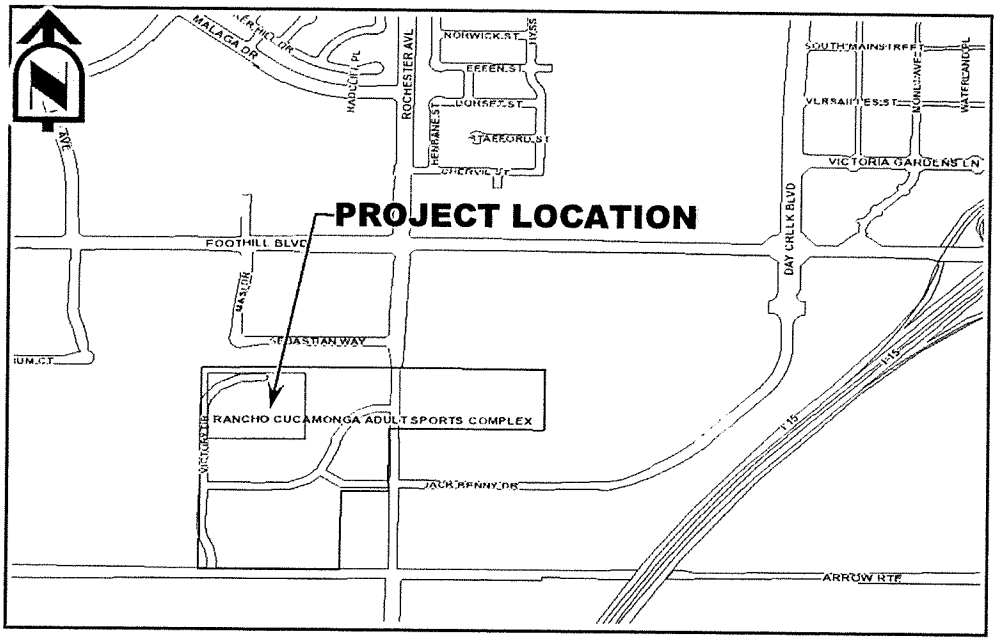
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Fire Capital Fund (288)	$166,350	$600,000	$0	$0	$0	$0	$766,350
Total Costs:	$166,350	$600,000	$0	$0	$0	$0	$766,350

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

Project Number:
JL Key:
Object: 5603

LoanMart Stadium - Sound System

Project Location:
LoanMart Stadium



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
PWSD/Community Services

Project Manager:
Ty Quaintance/Christen Mitchell

Description: Fix, if possible, the sound system at LoanMart Stadium. If the sound system cannot be fixed, the entire sound system will be replaced (new speakers, mixer, amplifier, wiring, etc.).

Justification: The existing sound system at LoanMart Stadium is the original sound system from when the stadium opened in 1993. The system needs to be upgraded or replaced.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$0	$0	$0
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$50,000	$0	$0	$0	$0	$50,000

Project Funding:

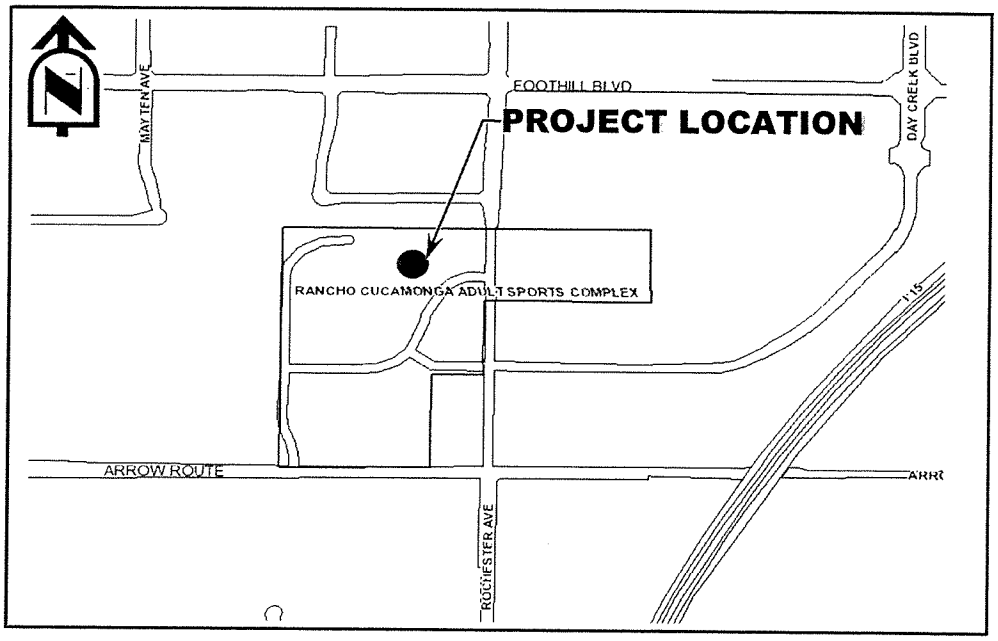
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$50,000	$0	$0	$0	$0	$50,000
Total Costs:	$0	$50,000	$0	$0	$0	$0	$50,000

Impact on Operations: None

Project Number:
JL Key:
Object: 5602

LoanMart Stadium - Team Locker Rooms Carpet Replacement

Project Location:
Epicenter



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Replace carpeting in team locker rooms.

Justification: Carpeting in home team locker room was last replaced in 2010. The carpeting must be replaced due to the wear and tear that the athletes inflict on the carpeting every baseball season. Base bid will be to replace carpeting in visitor locker room with additive bid to replace carpeting in home team's locker room.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$25,000	$0	$0	$0	$0	$25,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$25,000	$0	$0	$0	$0	$25,000

Project Funding:

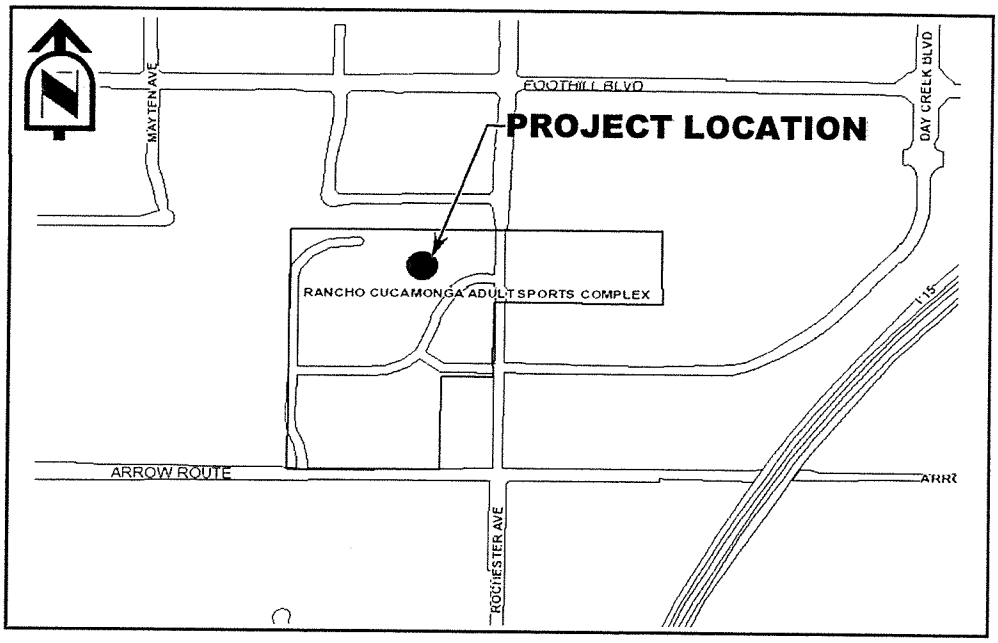
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$25,000	$0	$0	$0	$0	$25,000
Total Costs:	$0	$25,000	$0	$0	$0	$0	$25,000

Impact on Operations: None

Project Number:
JL Key:
Object: 5602

LoanMart Stadium - Team Locker Rooms Shower Fixtures Replacement

Project Location:
Epicenter



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Replace original communal shower fixtures in both team locker rooms. Total of six communal shower fixtures (three in each locker room).

Justification: The communal shower fixtures (with 3 sprayer heads and 3 hot/cold water controls per fixture) in team locker rooms are the original fixtures from when the stadium first opened back in 1993. Over the years, staff has repaired the fixtures multiple times. However, the fixtures are at the end of their useful life cycle.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$30,000	$0	$0	$0	$0	$30,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$30,000	$0	$0	$0	$0	$30,000

Project Funding:

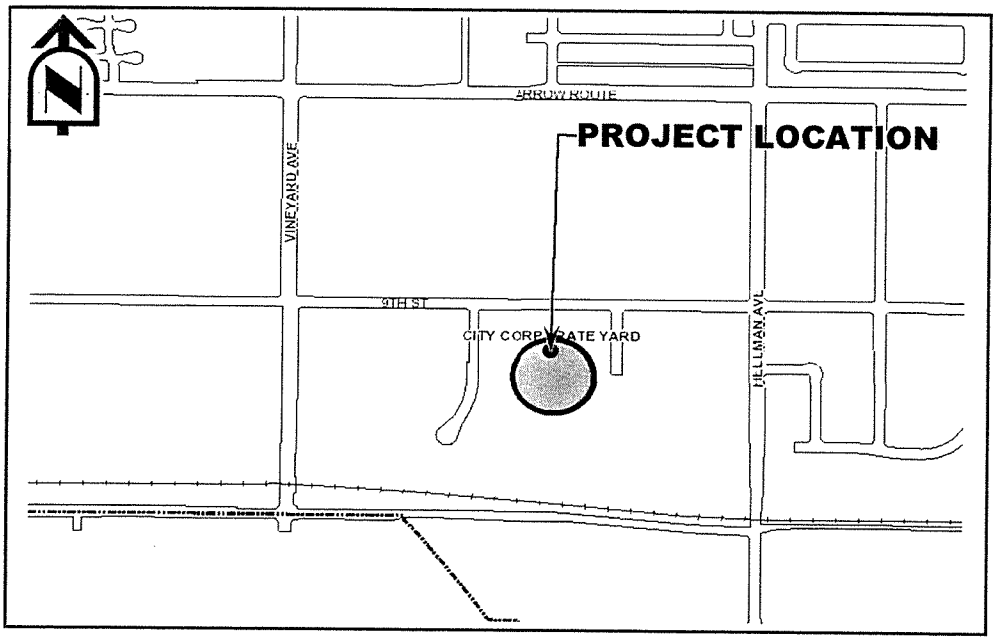
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$30,000	$0	$0	$0	$0	$30,000
Total Costs:	$0	$30,000	$0	$0	$0	$0	$30,000

Impact on Operations: None

Project Number:
JL Key: 1927
Object: 5650

Public Works Services Department - Warehouse Expansion

Project Location:
City Corporate Yard



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Ty Quaintance

Description: Design and construction of an additional warehouse (approximately 13,500 square feet)

Justification: To expand the ever growing demand for storage for all City departments. This will also allow for permanent placement of the Kitten Nursey in the existing warehouse. PWSD workshops, currently operating outside in storage containers, are exposed to the environment. Once relocated to the new warehouse, staff can use the workshops in all weather conditions.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$170,000	$0	$0	$0	$0	$170,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$1,700,000	$0	$0	$0	$1,700,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$170,000	$1,700,000	$0	$0	$0	$1,870,000

Project Funding:

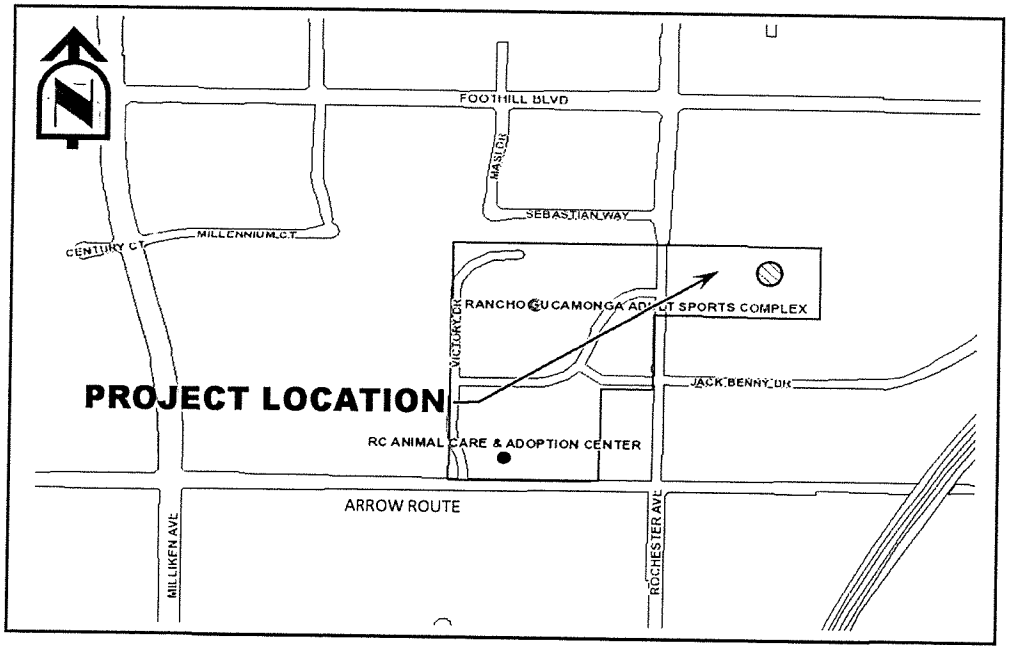
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$170,000	$1,700,000	$0	$0	$0	$1,870,000
Total Costs:	$0	$170,000	$1,700,000	$0	$0	$0	$1,870,000

Impact on Operations: None

Project Number:
JL Key: 1896
Object: 5650

Rancho Cucamonga Family Sports Center - Relocation

Project Location:
Parking Lot G at the Epicenter



Est. Construction Start/End:
01/2017-12/2017

Project Status:
Construction

Department:
Community Services/Parks

Project Manager:
Nettie Nielsen

Description: This project will provide the design, construction and construction management for the relocation of the existing Rancho Cucamonga Family Sports Center.

Justification: Need to relocate existing facility and programs due to loss of existing building use.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$1,350,000	$0	$0	$0	$0	$0	$1,350,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$11,425,000	$0	$0	$0	$0	$11,425,000
Inspection & Administration	$0	$525,000	$0	$0	$0	$0	$525,000
Contingency	$0	$1,250,000	$0	$0	$0	$0	$1,250,000
Total Costs:	$1,350,000	$13,200,000	$0	$0	$0	$0	$14,550,000

Project Funding:

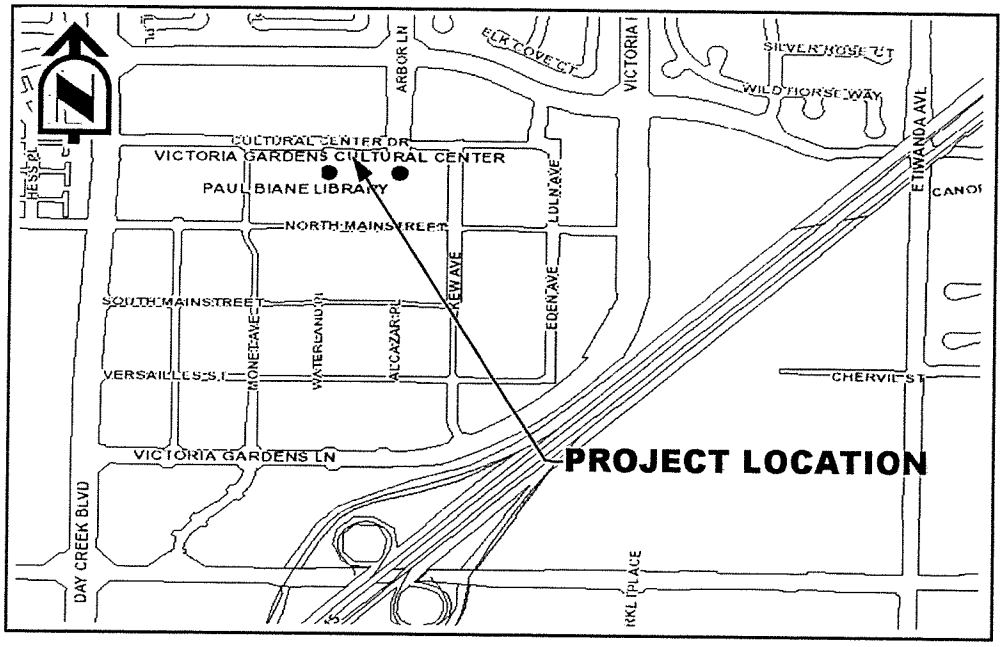
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$2,500,000	$0	$0	$0	$0	$2,500,000
Park Development (120)	$1,350,000	$2,700,000	$0	$0	$0	$0	$4,050,000
Citywide Infrastructure (198)	$0	$7,000,000	$0	$0	$0	$0	$7,000,000
Recreation Fund Reserve (250)	$0	$250,000	$0	$0	$0	$0	$250,000
Equip/Vehicle Replacement (712)	$0	$750,000	$0	$0	$0	$0	$750,000
Total Costs:	$1,350,000	$13,200,000	$0	$0	$0	$0	$14,550,000

Impact on Operations: This project will ultimately require maintenance of a new facility, as well as new landscape and irrigation.

Project Number:
JL Key: 1894
Object: 5650

Victoria Gardens Cultural Center - Courtyard Redesign

Project Location:
12505 Cultural Center Drive



Est. Design Start/End:
TBD

Project Status:
Design

Department:
Community Services/Parks

Project Manager:
Nettie Nielsen

Description: This project will be done in conjunction with Victoria Gardens to develop a design for the Cultural Center Courtyard.

Justification: Provide enhancements to the existing courtyard to make the space more inviting for the public and rental opportunities.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$25,060	$120,000	$0	$0	$0	$0	$145,060
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$400,000	$400,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$25,060	$120,000	$0	$0	$0	$400,000	$545,060

Project Funding:

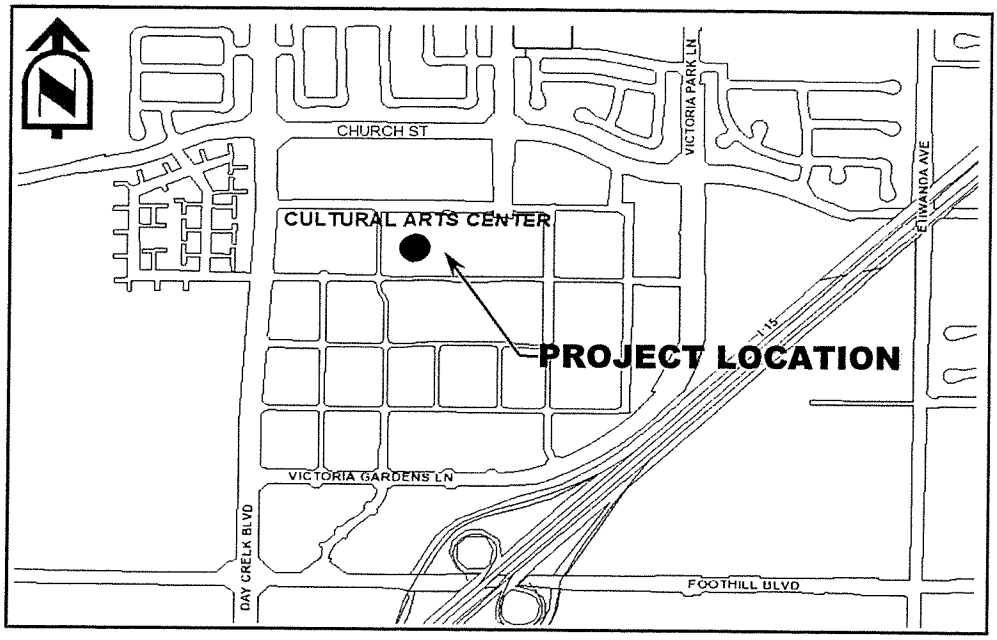
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$20,000	$120,000	$0	$0	$0	$0	$140,000
CFD 2003-01 Cultural Center (615)	$5,060	$0	$0	$0	$0	$0	$5,060
Unknown	$0	$0	$0	$0	$0	$400,000	$400,000
Total Costs:	$25,060	$120,000	$0	$0	$0	$400,000	$545,060

Impact on Operations: This project will ultimately require additional maintenance as well as new landscape and irrigation.

Project Number:
JL Key: 1890
Object: 5650

Victoria Gardens Cultural Center - Exterior Joint Replacement, Roofing and Painting

Project Location:
Cultural Arts Center



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
PWS/Eng/CSD

Project Manager:
T. Quaintance/J Dyer/C Mitchell

Description: Remove and replace exterior building joints and make repairs to the existing roofing system at the Victoria Gardens Cultural Center. Paint entire exterior of building.

Justification: Need for repairs is based on the recommendations from 2015 roofing survey. Exterior of building has not been repainted since facility opened in 2006. Exterior paint is showing signs of deterioration.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$500,000	$0	$0	$0	$0	$500,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$500,000	$0	$0	$0	$0	$500,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$500,000	$0	$0	$0	$0	$500,000
Total Costs:	$0	$500,000	$0	$0	$0	$0	$500,000

Impact on Operations: None

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:

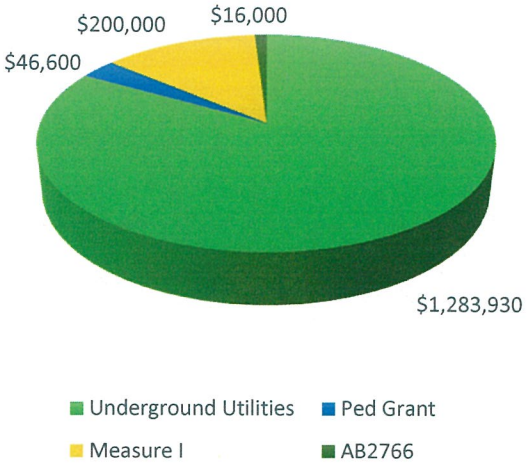
- State or Federal Mandates
- Community Health and Safety Issues
- Council Goals and Priorities
- Regional Needs Assessments
- Interagency Agreements
- External Funding Arrangements

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 2016-17 Expenditures

1	ADA Ramps @ Various Locations	$	200,000
2	Arrow Rte from Bear Gulch- w/o Archibald- Utility Underground	$	724,360
3	Base Line Rd from Carnelian to Vineyard- Utility Underground	$	559,570
4	Bus Stop Pads @ Various Locations	$	62,600
5	PE Trail above VPL Tunnel fencing	$	98,000
		$	1,644,530

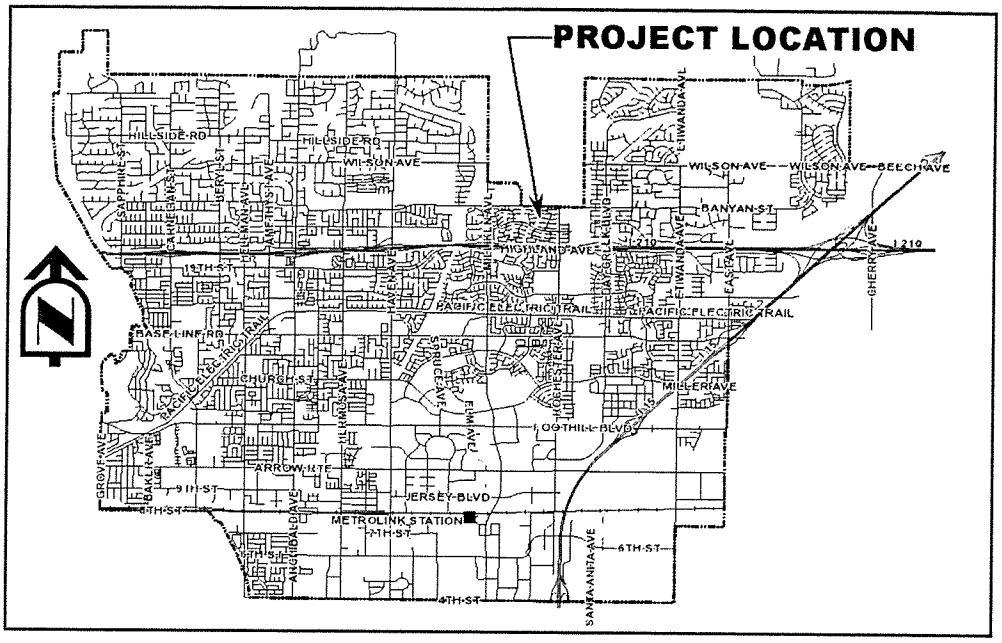
Sources of Funding for FY 2016-17



Project Number: 800-2015-13
JL Key: 1150
Object: 5650

ADA Ramps at Various Locations

Project Location:
Various locations City Wide



Est. Construction Start/End:
02/2017 - 04/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings

Description: Construct ADA compliant ramps at various locations citywide. Locations for ramp installations 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 a timely fashion.

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

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$287,790	$180,000	$0	$0	$0	$0	$467,790
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$20,000	$0	$0	$0	$0	$20,000
Total Costs:	$287,790	$200,000	$0	$0	$0	$0	$487,790

Project Funding:

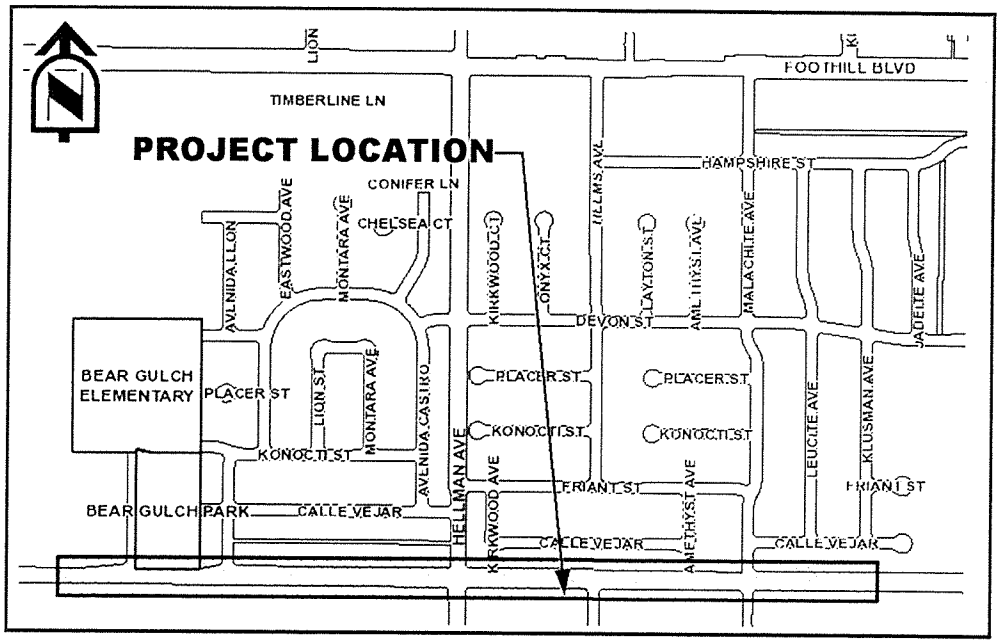
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$287,790	$200,000	$0	$0	$0	$0	$487,790
Total Costs:	$287,790	$200,000	$0	$0	$0	$0	$487,790

Impact on Operations: None

Project Number: 800-2010-12
JL Key: 1777
Object: 5650

Arrow Route from Bear Gulch to West of Archibald Avenue - Utility Underground

Project Location:
Arrow Route from Bear Gulch to west of Archibald Avenue



Est. Construction Start/End:
04/2017 - 09/2017

Project Status:
Design

Department:
Engineering

Project Manager:
Jerry Dyer

Description: This project will underground a stretch of existing overhead utilities along Arrow Route from Bear Gulch to west of Archibald Avenue.

Justification: The removal of the overhead utilities, by placing them underground, improves the aesthetic appearance of the area. This project will be constructed by Edison with City oversight using Rule 20A funds and City Undergrounding funds

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$20,000	$0	$0	$0	$0	$20,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$626,690	$0	$0	$0	$0	$626,690
Inspection & Administration	$0	$15,000	$0	$0	$0	$0	$15,000
Contingency	$0	$62,670	$0	$0	$0	$0	$62,670
Total Costs:	$0	$724,360	$0	$0	$0	$0	$724,360

Project Funding:

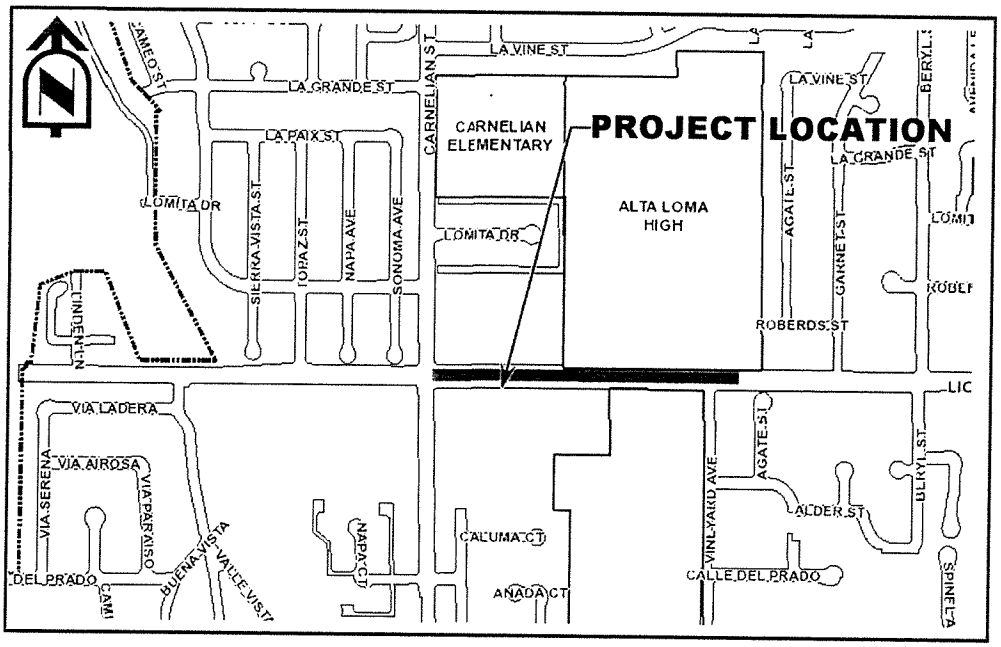
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Underground Utilities (129)	$0	$724,360	$0	$0	$0	$0	$724,360
Total Costs:	$0	$724,360	$0	$0	$0	$0	$724,360

Impact on Operations: None

Project Number: 800-2010-13
JL Key: 1776
Object: 5650

Base Line Road from Carnelian Street to Archibald Avenue - Utility Underground

Project Location:
Base Line Road from Carnelian Street to Vineyard Avenue



Est. Construction Start/End:
04/2017 - 09/2017

Project Status:
Design

Department:
Engineering

Project Manager:
Jerry Dyer

Description: This project will underground a stretch of existing overhead utilities along Base Line Road from Carnelian Street to Vineyard Avenue.

Justification: The removal of the overhead utilities, by placing them underground, improves the aesthetic appearance of the area. This project will be constructed by Edison with City oversight using Rule 20A funds and City Undergrounding funds.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$491,420	$0	$0	$0	$0	$491,420
Inspection & Administration	$0	$15,000	$0	$0	$0	$0	$15,000
Contingency	$0	$48,150	$0	$0	$0	$0	$48,150
Total Costs:	$0	$559,570	$0	$0	$0	$0	$559,570

Project Funding:

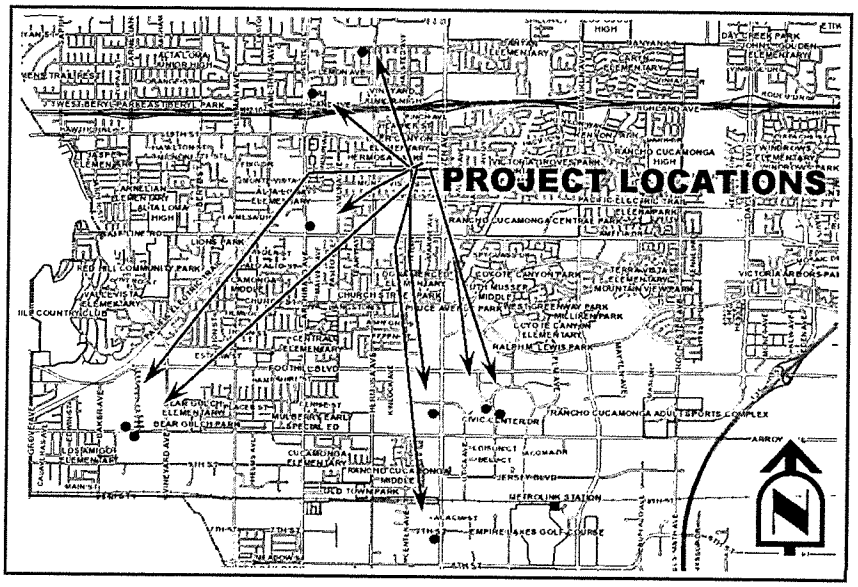
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Underground Utilities (129)	$0	$559,570	$0	$0	$0	$0	$559,570
Total Costs:	$0	$559,570	$0	$0	$0	$0	$559,570

Impact on Operations: None

Project Number: 800-2014-07
JL Key: 1823
Object: 5650

Bus Stop Pads at Various Locations

Project Location:
Various locations throughout the City including stops on Arrow Route, Hellman Avenue, 9th Street, Haven Avenue, Foothill Boulevard, and Day Creek Boulevard



Est. Construction Start/End:
09/2016 - 11/2016

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings

Description: Constructs 9 bus pads at various locations throughout the City.

Justification: Provides ADA improvements to existing public transportation stops that are currently used by over 300 riders each day. The improvements may increase ADA ridership, resulting in less vehicle trips and reduced CO2 emissions.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$93,240	$52,400	$0	$0	$0	$0	$145,640
Inspection & Administration	$0	$5,000	$0	$0	$0	$0	$5,000
Contingency	$0	$5,200	$0	$0	$0	$0	$5,200
Total Costs:	$93,240	$62,600	$0	$0	$0	$0	$155,840

Project Funding:

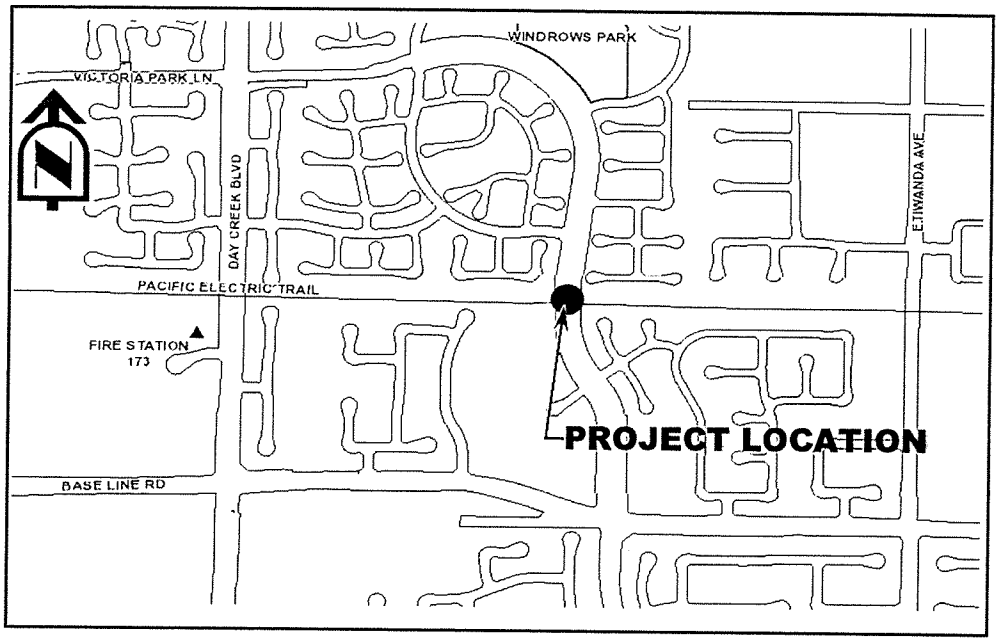
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$18,640	$0	$0	$0	$0	$0	$18,640
AB 2766 Air Qual Imprv Fund (105)	$0	$16,000	$0	$0	$0	$0	$16,000
Ped Grant/Art3 Fund (214)	$74,600	$46,600	$0	$0	$0	$0	$121,200
Total Costs:	$93,240	$62,600	$0	$0	$0	$0	$155,840

Impact on Operations: None

Project Number:
JL Key:
Object: 5607

Pacific Electric Trail above Victoria Park Lane Tunnel - Fencing

Project Location:
Pacific Electric Trail at Victoria Park Lane



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: Replace the dilapidated chain link fence that runs along the north side and south side of the PE Trail above the Victoria Park Lane Tunnel.

Justification: This fence is needed to keep the public from accessing or falling onto the road surface below.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$98,000	$0	$0	$0	$0	$98,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$98,000	$0	$0	$0	$0	$98,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
LMD 2 (131)	$0	$98,000	$0	$0	$0	$0	$98,000
Total Costs:	$0	$98,000	$0	$0	$0	$0	$98,000

Impact on Operations: None

Municipal Utility

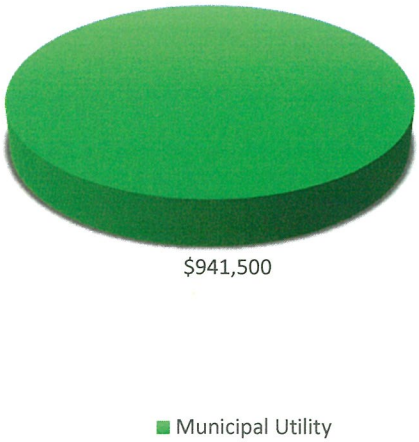
The Rancho Cucamonga Municipal Utility (RCMU) was formed by the City Council in 2001. RCMU served its first customers in 2003 and finished construction of the Victoria Arbors substation in 2004. Currently, RCMU services over 900 customers in its service area. Annually, more than 78,000 megawatt-hours of electricity are distributed to our customers via 20 circuit miles of wire spread across the roughly 4-square miles of service territory. RCMU's historical peak demand is 17.5 megawatts, set in August 2011.

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

Project List & FY 2016-17 Expenditures

1	Arrow Rte: Bear Gulch to Arrow-Fiber Conduit	$	88,500
2	City Fiber Optics Improvements	$	100,000
3	Commercial Smart Meter Replacement	$	375,000
4	Day Creek Blvd and Base Line Rd-Line Extension	$	200,000
5	Foothill Blvd at Spruce Ave-Line Extension	$	153,000
6	Haven Ave at 6th St - St light installation	$	25,000
		$	941,500

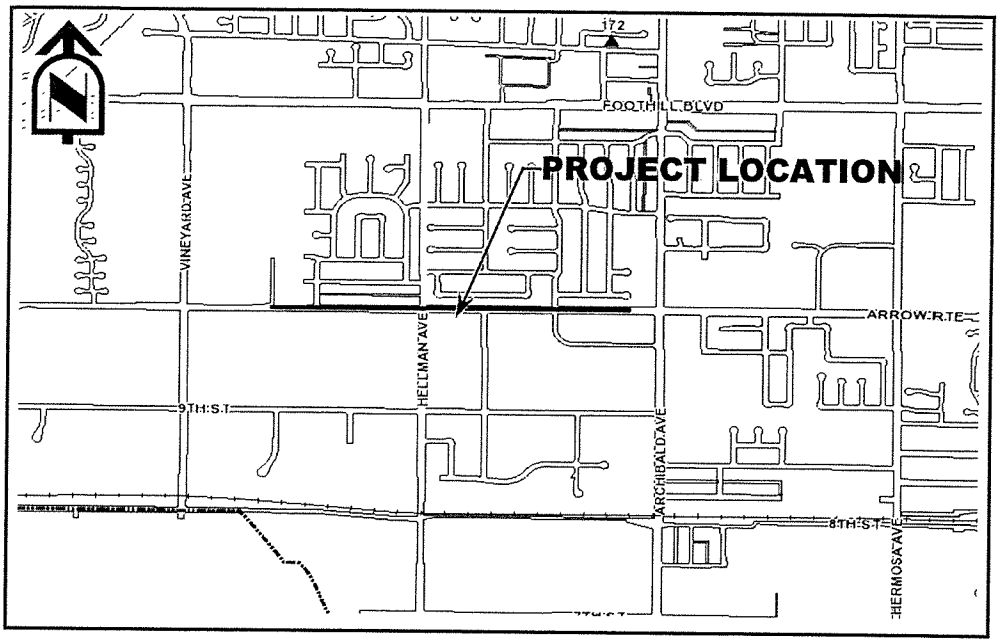
Sources of Funding for FY 2016-17



Project Number:
JL Key: 1947
Object: 5650

Arrow Route from Bear Gulch to West of Archibald Avenue - Fiber Optic Conduit

Project Location:
Arrow Route from Bear Gulch Place to West of Archibald Avenue



Est. Construction Start/End:
07/2017 - 01/2018

Project Status:
Design

Department:
Engineering

Project Manager:
Fred Lyn

Description: In conjunction with Engineering's undergrounding of existing overhead utilitites along Arrow Route from Bear Gulch Place to west of Archibald Avenue, RCMU will place fiber conduit to tie into the existing fiber interconnection on Archibald Avenue and Arrow Route.

Justification: The removal of the overhead utilities by placing them underground through Edison Rule 20A program and City undergrounding funds will allow for RCMU to place new fiber conduit when the trench is open so that the City does not have to spend money on the excavation and trench cost.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$2,500	$0	$0	$0	$0	$2,500
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$86,000	$0	$0	$0	$0	$86,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$88,500	$0	$0	$0	$0	$88,500

Project Funding:

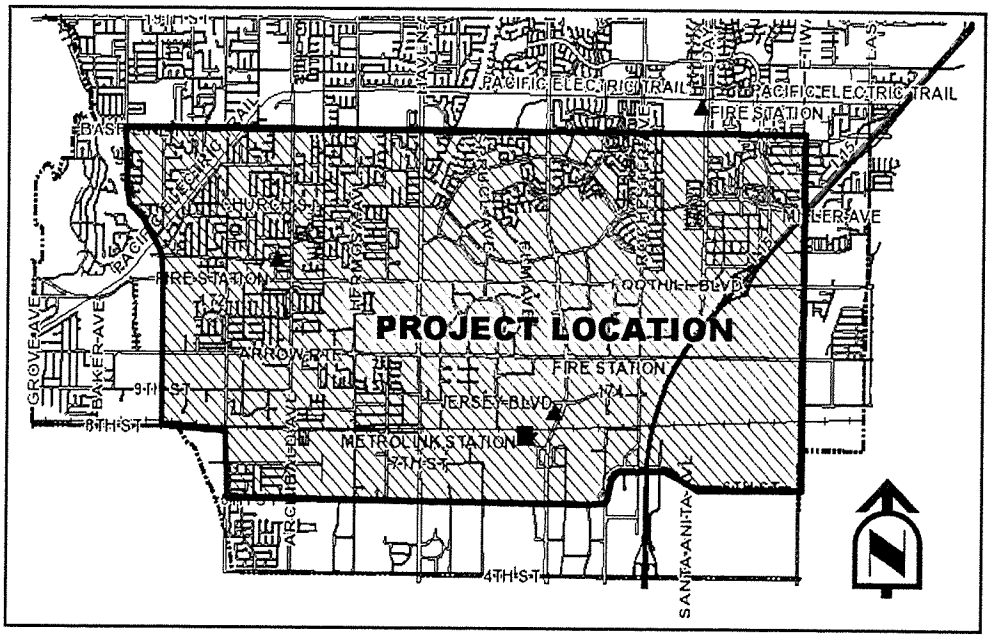
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Municipal Utility (Fund 705)	$0	$88,500	$0	$0	$0	$0	$88,500
Total Costs:	$0	$88,500	$0	$0	$0	$0	$88,500

Impact on Operations: The potential to bring high speed broadband as a commodity will provide additional revenue opportunity to RCMU. Having an existing underground utility project to piggyback on would save the City a lot of money....

Project Number:
JL Key: 1910
Object: 5650

City Fiber Optic Improvements

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



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Fred Lyn

Description: Completion of the Fiber Optic master plan by Magellan Advisors by July 2016 will evaluate and recommend the City's next steps in utilizing the existing fiber optics system towards providing municipal broadband to commercial and industrial areas.

Justification: Now is the time to consider laying the groundwork regarding Broadband opportunities and RCMU. Providing fiber optics broadband to commercial customers is a business opportunity that we are missing because we have not been systemic enough in our approach over the past few years. Completing a report on all our dark fiber so we can start looking at how we could monetize that asset and selling broadband as a commodity would fit well with the Smart City initiative, as well as promote a high tech economy and economic development within the City.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$85,000	$0	$0	$0	$0	$0	$85,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$50,000	$0	$0	$0	$0	$50,000
Inspection & Administration	$0	$50,000	$0	$0	$0	$0	$50,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$85,000	$100,000	$0	$0	$0	$0	$185,000

Project Funding:

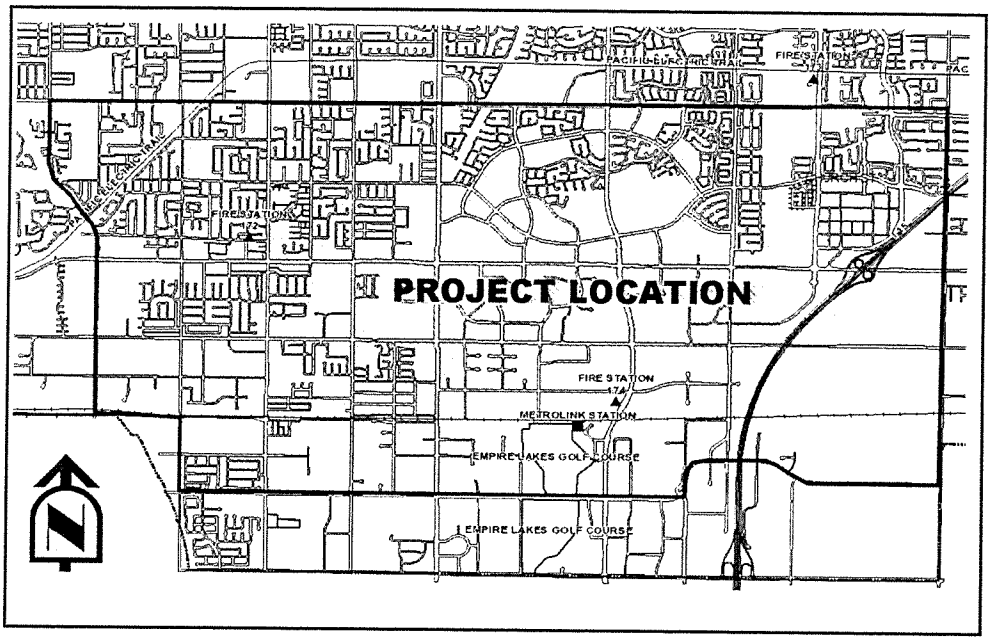
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$85,000	$100,000	$0	$0	$0	$0	$185,000
Total Costs:	$85,000	$100,000	$0	$0	$0	$0	$185,000

Impact on Operations: The potential to bring in high speed broadband as a commodity will provide additional revenue to RCMU.

Project Number:
JL Key: 1938
Object: 5650

Commercial Smart Meter Replacement

Project Location:
Various locations throughout the RCMU Service Area where electric meters are located



Est. Construction Start/End:
7/1/16-6/30/16

Project Status:
Design

Department:
Engineering

Project Manager:
Fred Lyn

Description: Approximately 600 old commercial electric meters will be replaced with new 2 way ERT "smart" meters in which RCMU has the ability to pick up reads via a handheld mobile collector radio pack.

Justification: The meter technology that is being currently used is over 10 years old. Though there is nothing wrong with the existing meters, it still requires a that a meter technician go out and probe the meter to download the data. A significant amount of time and labor is involved in this effort. A lot of utilities are switching over to this new AMI (2 way meter) for the ease of meter reading. Utilizing this new method could potentially save RCMU money in metering reading expenditures.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$375,000	$0	$0	$0	$0	$375,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$375,000	$0	$0	$0	$0	$375,000

Project Funding:

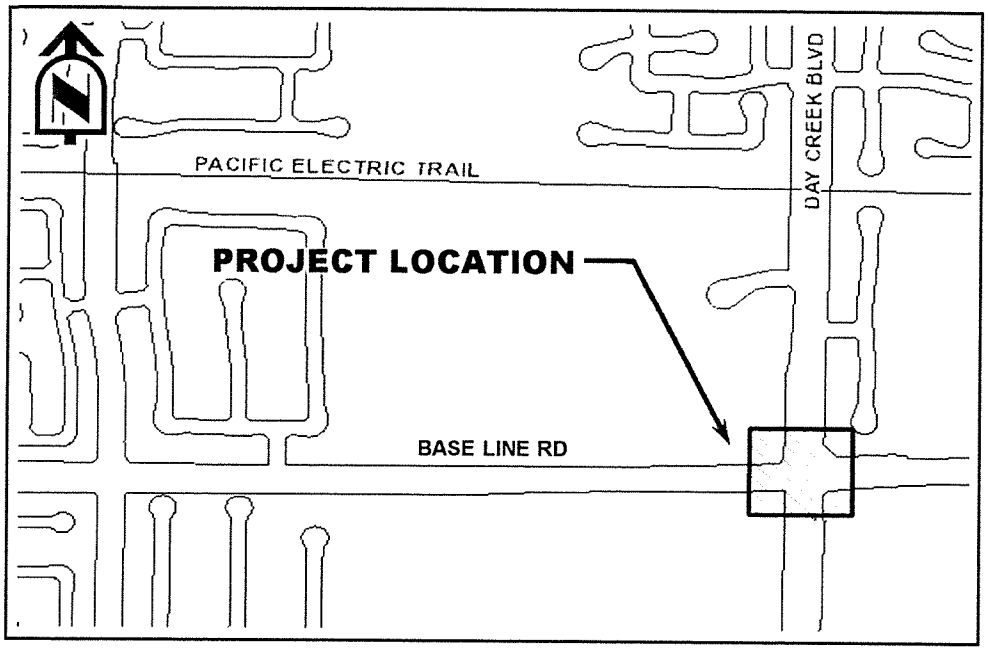
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$0	$375,000	$0	$0	$0	$0	$375,000
Total Costs:	$0	$375,000	$0	$0	$0	$0	$375,000

Impact on Operations: The potential to bring meter reading in house will reduce expenditures on existing contract meter reading services.

Project Number:
JL Key: 1917
Object: 5650

Day Creek Boulevard and Base Line Road - Line Extension

Project Location:
RCMU Electric Line Extension - Day Creek Boulevard and Base Line Road



Est. Construction Start/End:
01/2016 - 03/2016

Project Status:
Construction

Department:
Engineering

Project Manager:
Fred Lyn

Description: Distribution Line Extension to service a new planned commercial development on the NWC of Day Creek Boulevard and Baseline Road with RCMU electricity.

Justification: Line extension is needed to extend power service to a new commercial development shopping center. 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$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
Total Costs:	$10,000	$200,000	$0	$0	$0	$0	$210,000

Project Funding:

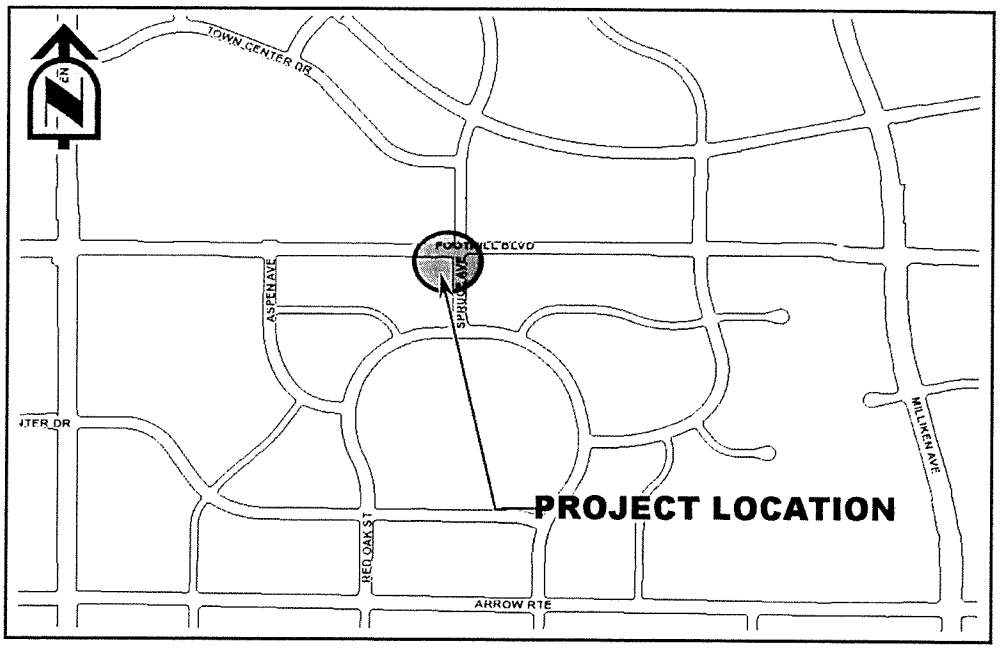
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$10,000	$200,000	$0	$0	$0	$0	$210,000
Total Costs:	$10,000	$200,000	$0	$0	$0	$0	$210,000

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

Project Number:
JL Key: 1946
Object: 5650

Foothill Blvd at Spruce Avenue - Line Extension

Project Location:
Foothill Boulevard and Spruce Avenue



Est. Construction Start/End:
07/2016 - 08/2016

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Fred Lyn

Description: Distribution Line Extension to service two new commercial developments on Foothill Boulevard just southwest of Spruce Avenue.

Justification: Line extension is needed to extend power service to this new commercial 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$3,000	$0	$0	$0	$0	$3,000
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
Total Costs:	$0	$153,000	$0	$0	$0	$0	$153,000

Project Funding:

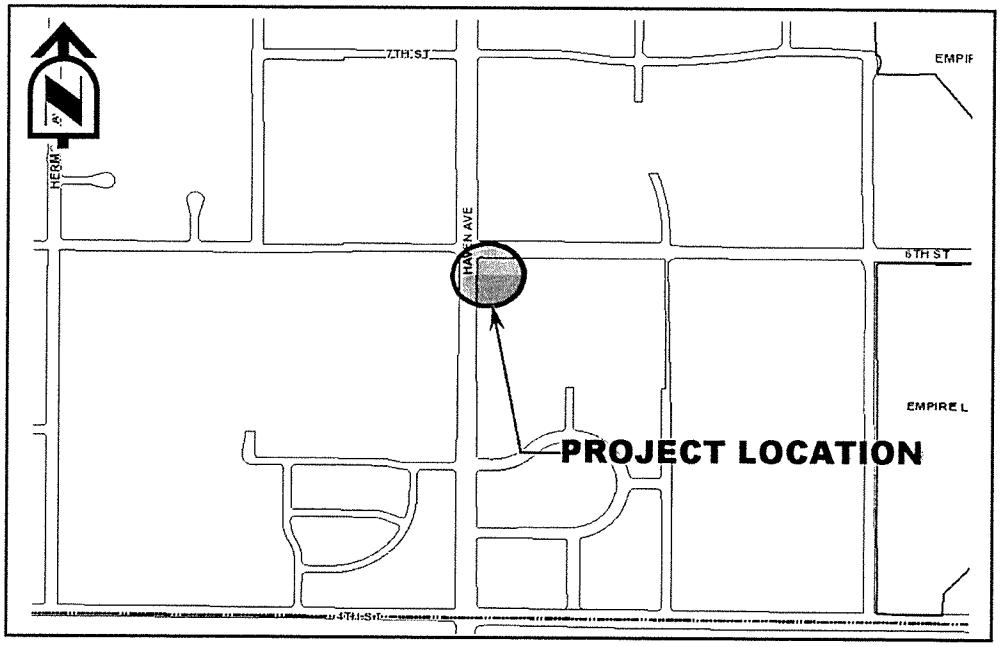
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$0	$153,000	$0	$0	$0	$0	$153,000
Total Costs:	$0	$153,000	$0	$0	$0	$0	$153,000

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

Project Number:
JL Key: 1948
Object: 5650

Haven Avenue at Sixth Street - Street Light Installation

Project Location:
Haven Avenue at Sixth Street



Est. Construction Start/End:
07/2016 - 08/2016

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Fred Lyn

Description: Installation of 3 new streetlights as part of the new planned Residence Inn's street improvements.

Justification: 3 new streetlights will need to be installed as part of the Street Improvements required for the planned Residence Inn on the corner of Haven Ave and Sixth Street. RCMU is the electricity provider to this site.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$25,000	$0	$0	$0	$0	$25,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$25,000	$0	$0	$0	$0	$25,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$0	$25,000	$0	$0	$0	$0	$25,000
Total Costs:	$0	$25,000	$0	$0	$0	$0	$25,000

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

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.

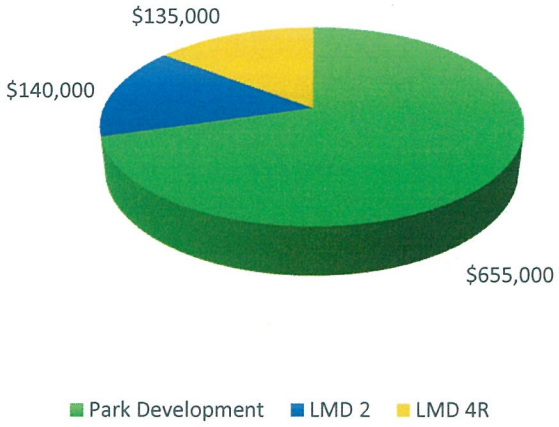
Many of these projects require ongoing maintenance, and all field rehabilitation projects and renovations are performed on an annual or bi-annual basis due to extensive wear from local league play.

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 2016-17 Expenditures

1	Central Park- Phase II Design Study	$	250,000
2	Central Park- Replace Rubberized Surface	$	80,000
3	Central Park-Trail Head Improv.	$	25,000
4	Etiwanda Creek Park- Ph II	$	300,000
5	LMD 4R Parks- Lighting Retrofits	$	135,000
6	Victoria Arbors Park- Replace Rubberized Playground Surface	$	140,000
		$	930,000

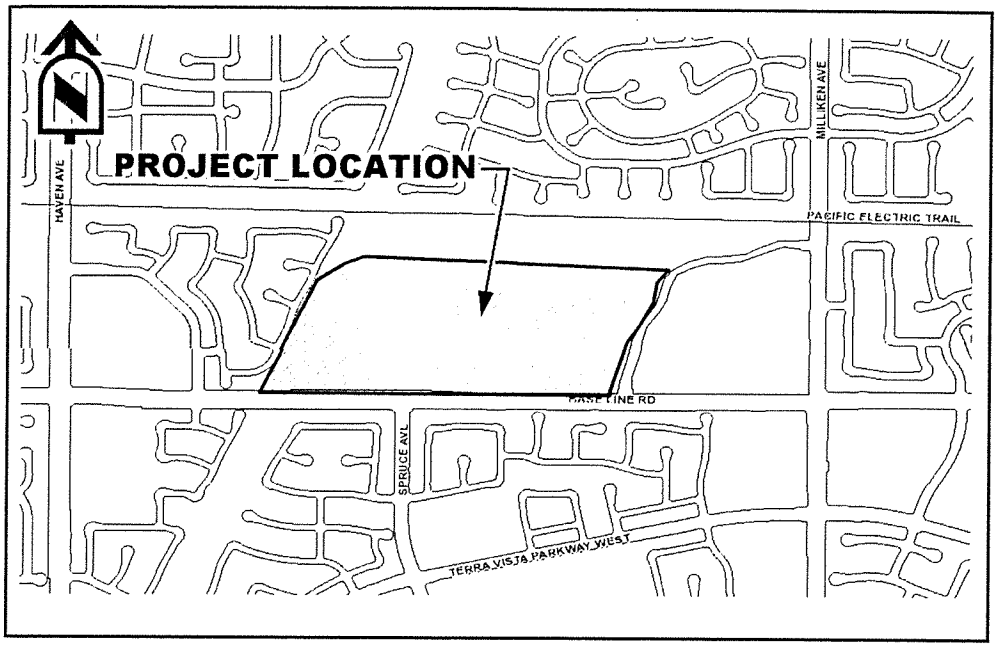
Sources of Funding for FY 2016-17



Project Number:
JL Key: 1660
Object: 5650

Central Park Phase II Design Study

Project Location:
11200 Base Line Road



Est. Design Start/End:
07/2016-02/2017

Project Status:
Design

Department:
Community Services

Project Manager:
Nettie Nielsen

Description: This project will include the design of phase II of Central Park.

Justification: There is approximately 70 acres of undeveloped parkland at Central Park. The prior Master Plan needs to be updated taking into consideration the loss of the Redevelopment Agency, construction costs and ongoing maintenance and programming costs of any future improvements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$250,000	$0	$0	$0	$0	$250,000
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
Total Costs:	$0	$250,000	$0	$0	$0	$0	$250,000

Project Funding:

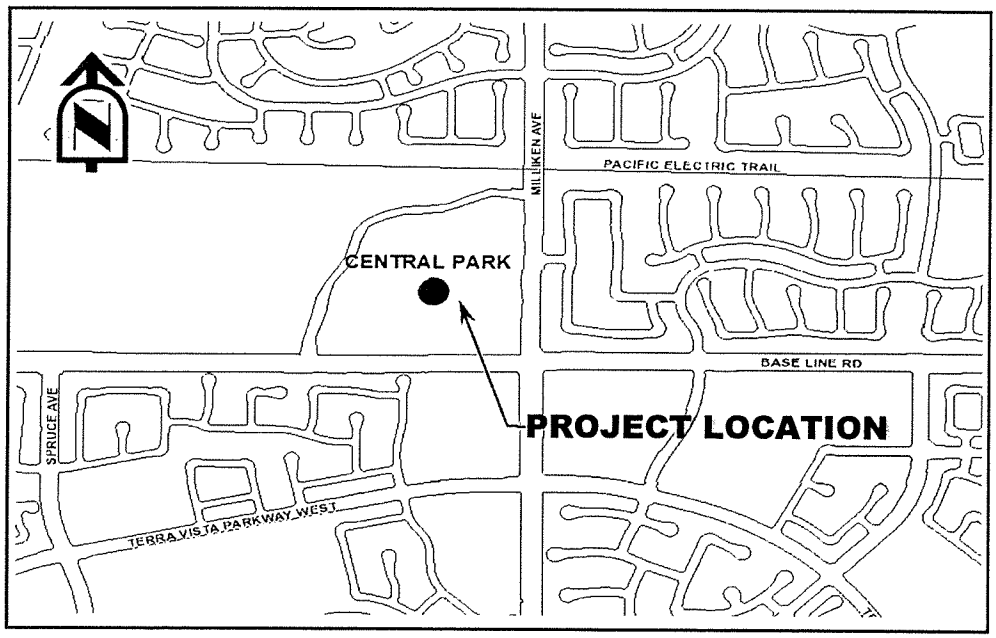
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Park Development (120)	$0	$250,000	$0	$0	$0	$0	$250,000
Total Costs:	$0	$250,000	$0	$0	$0	$0	$250,000

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

Project Number:
JL Key:
Object: 5607

Central Park - Replace Rubberized Playground Surface

Project Location:
NWC Base Line Road and Milliken Avenue



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: Replace the entire rubberized playground surface.

Justification: Due to constant use, the existing playground surface needs to be replaced. Also the existing playground surface is not in compliance with NPRA and State requirements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$80,000	$0	$0	$0	$0	$80,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$80,000	$0	$0	$0	$0	$80,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Park Development (120)	$0	$80,000	$0	$0	$0	$0	$80,000
Total Costs:	$0	$80,000	$0	$0	$0	$0	$80,000

Impact on Operations: New rubberized surface will require less maintenance.

Project Number:
JL Key: 1871
Object: 5650

Central Park - Trail Head Improvements

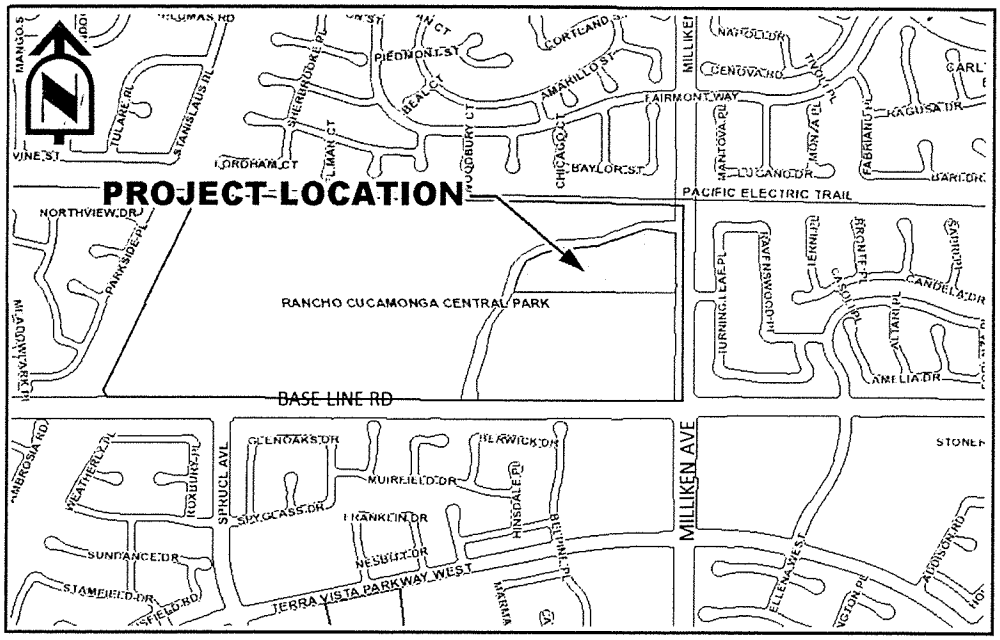
Project Location:
11200 Base Line Road

Est. Construction Start/End:
08/2016 - 01/2017

Project Status:
Construction

Department:
Community Services

Project Manager:
Nettie Nielsen



Description: This project will provide the next phase of development for Central Park, which will include the design for a less than five acre area north of the interior road, between the PE Trail and the Community Center. Included will be an area for outdoor fitness equipment for trail and resident's use at the park site, as well as potential parking and restroom facilities for both park and 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$35,000	$25,000	$0	$0	$0	$0	$60,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$2,200,500	$0	$0	$0	$2,200,500
Inspection & Administration	$0	$0	$37,500	$0	$0	$0	$37,500
Contingency	$0	$0	$250,000	$0	$0	$0	$250,000
Total Costs:	$35,000	$25,000	$2,488,000	$0	$0	$0	$2,548,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Park Development (120)	$35,000	$25,000	$2,488,000	$0	$0	$0	$2,548,000
Total Costs:	$35,000	$25,000	$2,488,000	$0	$0	$0	$2,548,000

Impact on Operations: This project, will require maintenance such as cleaning and replacing any damaged portions of the equipment, as well as landscape irrigation and maintenance as needed.

Project Number:
JL Key: 1664
Object: 5650

Etiwanda Creek Park - Phase II

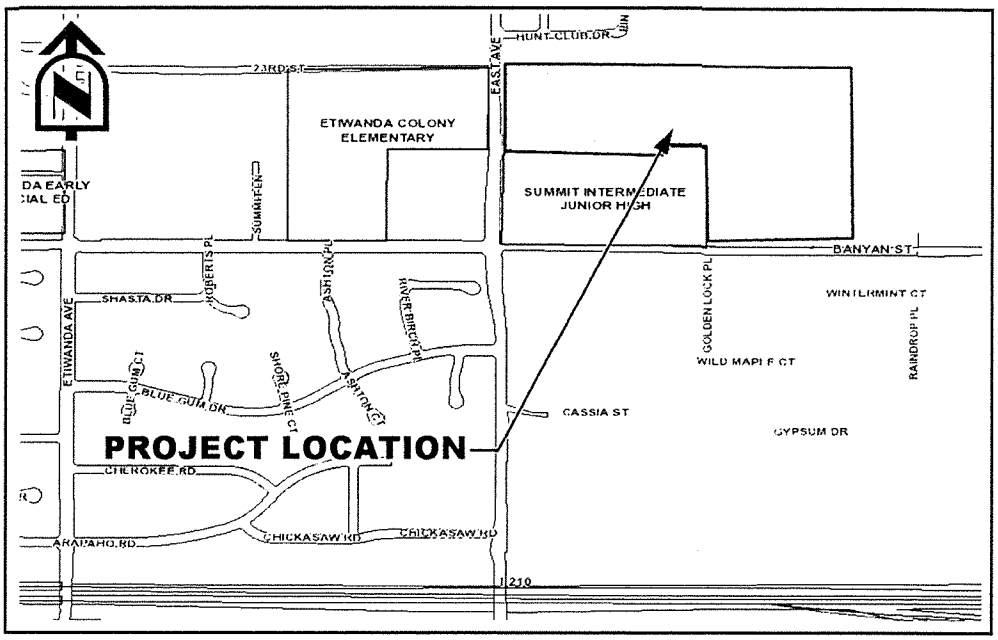
Project Location:
5939 East Avenue

Est. Design Start/End:
10/2016-01/2016

Project Status:
Design

Department:
Community Services/Parks

Project Manager:
Nettie Nielsen



Description: This project involves the initial design of park expansion, which may include additional athletic/recreation multi-use fields, tennis courts, a 10,000 - 15,000 square foot community building, storage/maintenance facility and additional parking.

Justification: The City Council identified this project as a goal for FY2007-08.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$50,000	$0	$0	$0	$0	$50,000
Design/Plan Review	$159,230	$250,000	$0	$0	$0	$0	$409,230
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$5,380,000	$5,380,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$159,230	$300,000	$0	$0	$0	$5,380,000	$5,839,230

Project Funding:

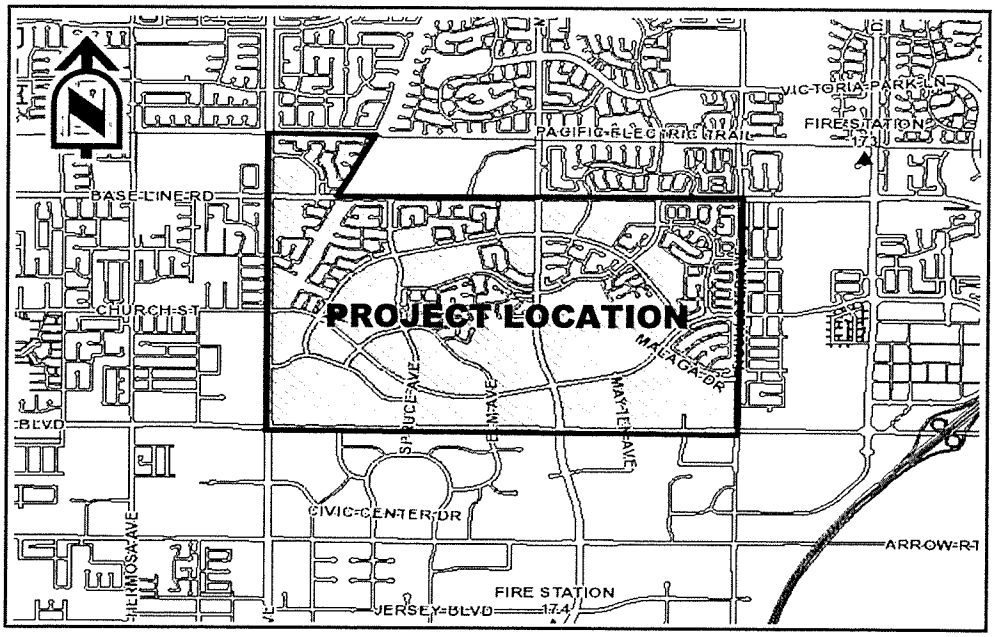
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Park Development (120)	$159,230	$300,000	$0	$0	$0	$5,380,000	$5,839,230
Total Costs:	$159,230	$300,000	$0	$0	$0	$5,380,000	$5,839,230

Impact on Operations: Completion of this project will possibly add a new facility to the City's inventory which will require operational extenditures for maintenance, staffing, overhead and utilities. Initial estimates place the cost of maintaining two addional fields at $300,000 - $450,000 per year.

Project Number:
JL Key: 1858
Object: 5650

LMD 4R Parks - Lighting Retrofits Phase III

Project Location:
LMD 4R



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: Retrofitting the current Vandalia Pumpkin style walkway lights with an induction kit. Phase I replaced the lighting in Spruce Park, Coyote Park and part of Milliken Park plus replaced the lighting in most of the paseos. Phase II replaced the lighting in paseeo TV14 and part of Milliken Park.

Justification: This is phase 3 of the 3 phase Induction Lighting Replacement Project in LMD #4. This will complete the project with about a 30%-40% reduction in electricity use and reduced maintenance costs. Phase III will replace the lighting at Mountain View Park and Ralph Lewis Park along with finishing the replacement of lighting at Milliken Park.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$300,000	$135,000	$0	$0	$0	$0	$435,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$300,000	$135,000	$0	$0	$0	$0	$435,000

Project Funding:

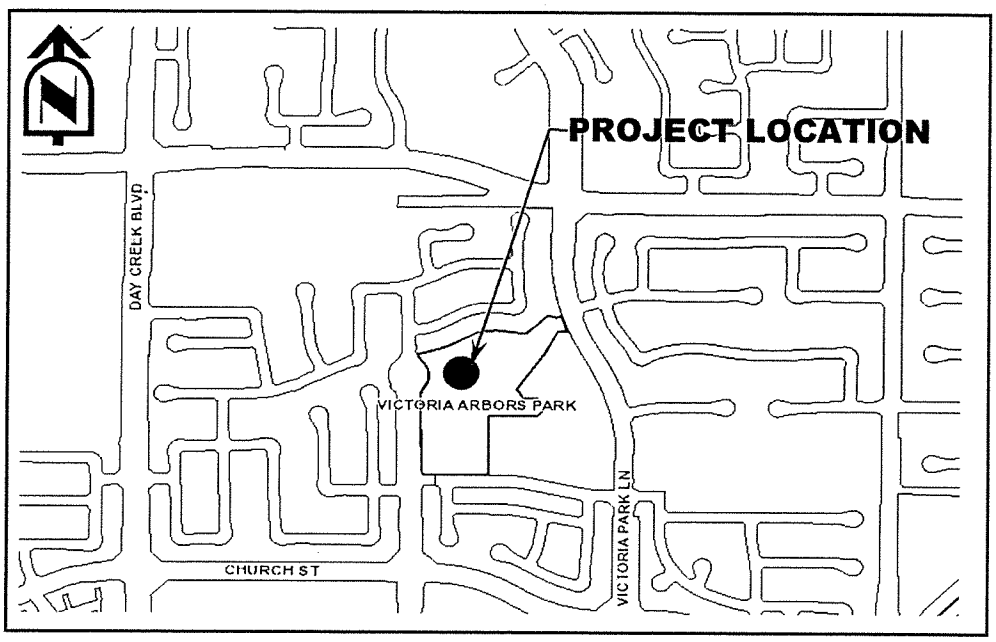
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
LMD #4 (134)	$300,000	$135,000	$0	$0	$0	$0	$435,000
Total Costs:	$300,000	$135,000	$0	$0	$0	$0	$435,000

Impact on Operations: 30% to 40% reduction in electricity usage and reduced maintenance costs.

Project Number:
JL Key:
Object: 5607

Victoria Arbors Park - Replace Rubberized Playground Surface

Project Location:
Victoria Arbors Park (LMD 2)



Est. Construction Start/End:
07/2016 - 06/2017

Project Status:
Design/Construction

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: Replace the entire rubberized playground surface.

Justification: Due to constant use, the existing playground surface needs to be replaced. Also, the existing playground surface is not in compliance with NPRA and State requirements.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$140,000	$0	$0	$0	$0	$140,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$140,000	$0	$0	$0	$0	$140,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
LMD #2 (131)	$0	$140,000	$0	$0	$0	$0	$140,000
Total Costs:	$0	$140,000	$0	$0	$0	$0	$140,000

Impact on Operations: New rubberized surface will require less maintenance.

Railroad Crossing

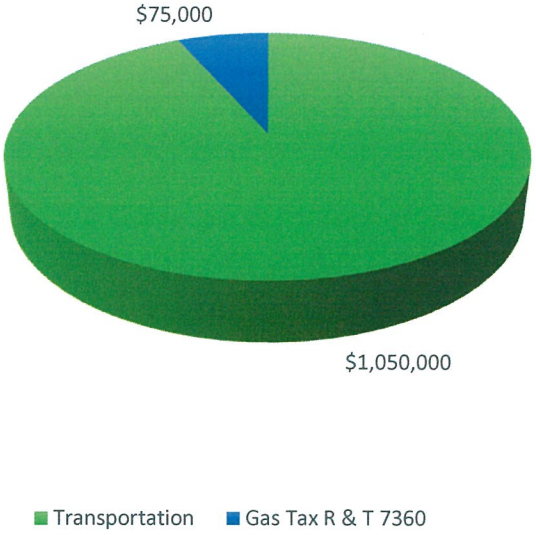
Railroad Crossings are extremely expensive and infrequent projects, requiring large funding commitments, lengthy construction schedules and inevitably causing some inconvenience to the local community during the construction period. They are, however, also one of the best ways to ensure the safety of 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, SANBAG and Caltrans.

Project List & FY 2016-17 Expenditures

1	Arrow Rte @ Railroad Spur- New Concrete Panels	$	75,000
2	Hellman Ave @ Metrolink Tracks- Widen Crossing	$	1,050,000
		$	1,125,000

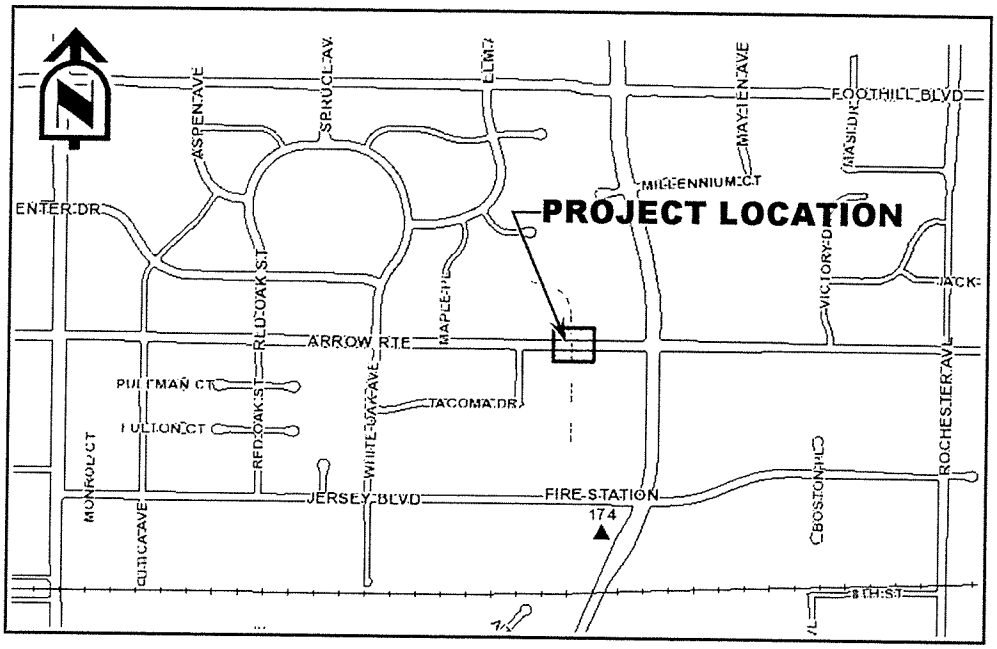
Sources of Funding for FY 2016-17



Project Number: 800-2016-11
JL Key: 1819
Object: 5650

Arrow Route at Railroad Spur - New Concrete Panels

Project Location:
Arrow Route at Railroad Spur west of Milliken Avenue



Est. Construction Start/End:
01/2017 - 02/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Romeo David

Description: Replace existing uneven rubber panels to concrete panels.

Justification: The existing rubber panels are uneven and damaged due to heavy traffic used. Replacing with concrete panels will give a smoother and safer for vehicles.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$60,000	$0	$0	$0	$0	$60,000
Inspection & Administration	$0	$9,000	$0	$0	$0	$0	$9,000
Contingency	$0	$6,000	$0	$0	$0	$0	$6,000
Total Costs:	$0	$75,000	$0	$0	$0	$0	$75,000

Project Funding:

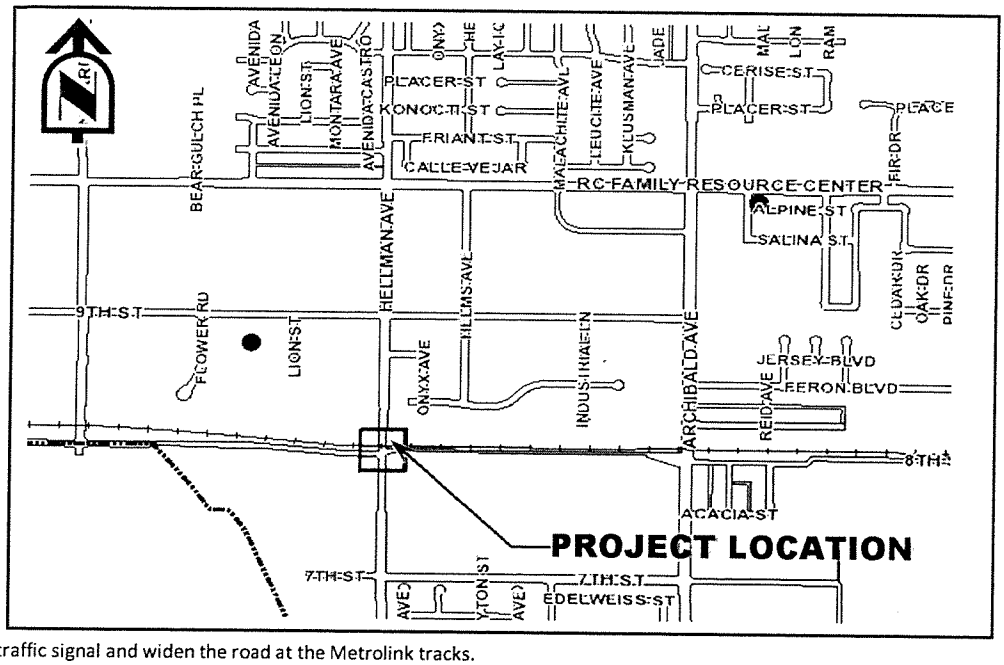
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax RT7360 Fund (174)	$0	$75,000	$0	$0	$0	$0	$75,000
Total Costs:	$0	$75,000	$0	$0	$0	$0	$75,000

Impact on Operations: Uneven rubber creates damage along the edges of the existing asphalt pavement. This project will reduce maintenance for asphalt replacement.

Project Number: 800-2016-06
JL Key: 1847
Object: 5650

Hellman Avenue at Metrolink Tracks - Widen Crossing

Project Location:
Hellman Avenue at Metrolink Tracks (8th Street)



Est. Construction Start/End:
09/2016 - 05/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Romeo David

Description: Construction of traffic signal and widen the road at the Metrolink tracks.

Justification: This project will improve the traffic flows, circulation and pedestrian safety due to a new traffic signal, wider road and sidewalks. In addition to the below costs for the street right-of-way improvements the Railroad and SANBAG are contributing an estimated $2.5 million towards the necessary railroad improvements required with the widening at the tracks.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$800,000	$0	$0	$0	$0	$800,000
Inspection & Administration	$0	$120,000	$0	$0	$0	$0	$120,000
Contingency	$0	$80,000	$0	$0	$0	$0	$80,000
Total Costs:	$0	$1,050,000	$0	$0	$0	$0	$1,050,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation Fund (124)	$0	$1,050,000	$0	$0	$0	$0	$1,050,000
Total Costs:	$0	$1,050,000	$0	$0	$0	$0	$1,050,000

Impact on Operations: The City will be responsible to pay for the cost of electricity and maintenance. The estimated cost of electricity and maintenance for a traffic signal is $2,500 per year. In addition, the street widening, sidewalks and new pavement will mean less routine maintenance like pothole repairs, weed abatement and crack seal, thus freeing up maintenance crews to attend to other needed areas.

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.

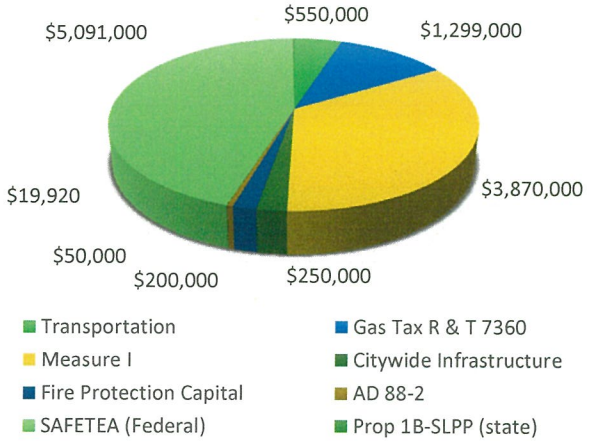
Project List & FY 2016-17 Expenditures

1	6th St: Milliken to Charles Smith- Pavement Rehab	$	35,000
2	9th St: Grove to Hellman- Pavement Rehab	$	300,000
3	Arrow Rte along the s/s 500' to 1,300' e/o I-15 freeway- Widening	$	5,000
4	Base Line Rd @ I-15 Interchange	$	5,210,920
5	Base Line Rd: Milliken to w/o Day Creek Blvd- Pavement Rehab	$	900,000
6	Carnelian St: Lemon Ave to Wilson Ave- Pavement Rehabilitation	$	468,000
7	Church St from Pepper to Hellman- Pavement Rehab	$	200,000
8	East Ave: Chickasaw, west side, north 370'- Widen and Sidewalk	$	110,000
9	Etiwanda Ave: 6th St to Arrow Rte- Street Widening Improvement	$	450,000
10	Foothill Blvd across SCE Corridor West of Day Crk Channel- Sidewalk Improvements	$	145,000
11	Foothill Blvd: Haven to Milliken- Pavement Rehab	$	50,000
12	Haven Ave: Foothill to Base Line- Pavement Rehab	$	50,000
13	Hellman Ave: San Bernardino Rd to Base Line Rd- Pavement Rehab	$	357,000
14	Hermosa Ave: Arrow to Foothill- Pavement Rehab	$	35,000
15	Hillside Rd: Archibald to Haven- Pavement Rehab	$	850,000

Project List & FY 2016-17 Expenditures

16	Jersey Blvd: Haven to Rochester- Pavement Rehab	$	50,000
17	Local Street Pavement Rehabilitation @ Various Locations	$	900,000
18	Rochester Ave: Base Line to Banyan- Pavement Rehab	$	50,000
19	Rochester Ave: Foothill Blvd-Base Line Rd - Pavement Rehabilitation	$	610,000
20	San Bernardino Rd: Carnelian to Archibald- Pavement Rehab	$	400,000
21	San Bernardino Rd: Grove to Foothill- Pavement Rehab	$	104,000
22	Youngs Canyon Rd: Koch Place to Cherry Ave- Street Extension	$	50,000
		$	11,329,920

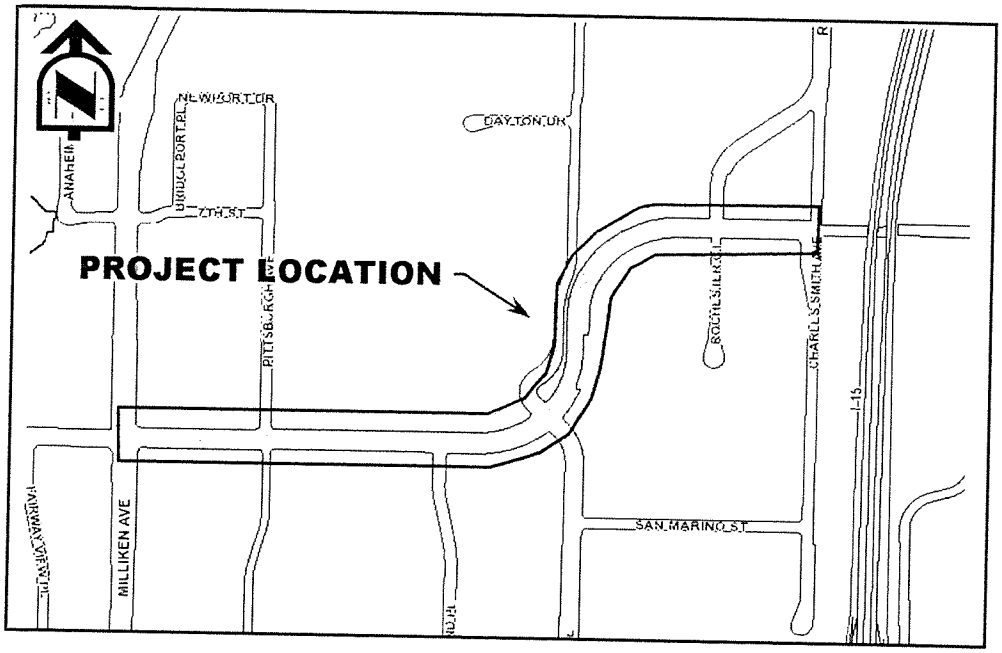
Sources of Funding for FY 2016-17



Project Number: 800-2016-15
JL Key: 1930
Object: 5650

6th St from Milliken Ave to Charles Smith Ave - Pavement Rehabilitation

Project Location:
6th Steet from Milliken Avenue to Charles Smith Avenue



Est. Construction Start/End:
08/2017 - 10/2017

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: This project involves localized asphalt removal and replacement, crack sealing, asphalt rubber hot mix overlay, video detection signal upgrades, ADA ramp upgrades, utility adjustments and pavement striping.

Justification: This project will restore the existing road surface to a substantially new condition, extending pavement life, use and rideability. The project is using asphalt rubber and is approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$35,000	$0	$0	$0	$0	$35,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$270,000	$0	$0	$0	$270,000
Inspection & Administration	$0	$0	$5,000	$0	$0	$0	$5,000
Contingency	$0	$0	$25,000	$0	$0	$0	$25,000
Total Costs:	$0	$35,000	$300,000	$0	$0	$0	$335,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$0	$35,000	$300,000	$0	$0	$0	$335,000
Total Costs:	$0	$35,000	$300,000	$0	$0	$0	$335,000

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.

Project Number: 800-2015-09
JL Key: 1904
Object: 5650

9th Street from Grove Avenue to Hellman Avenue - Pavement Rehabilitation

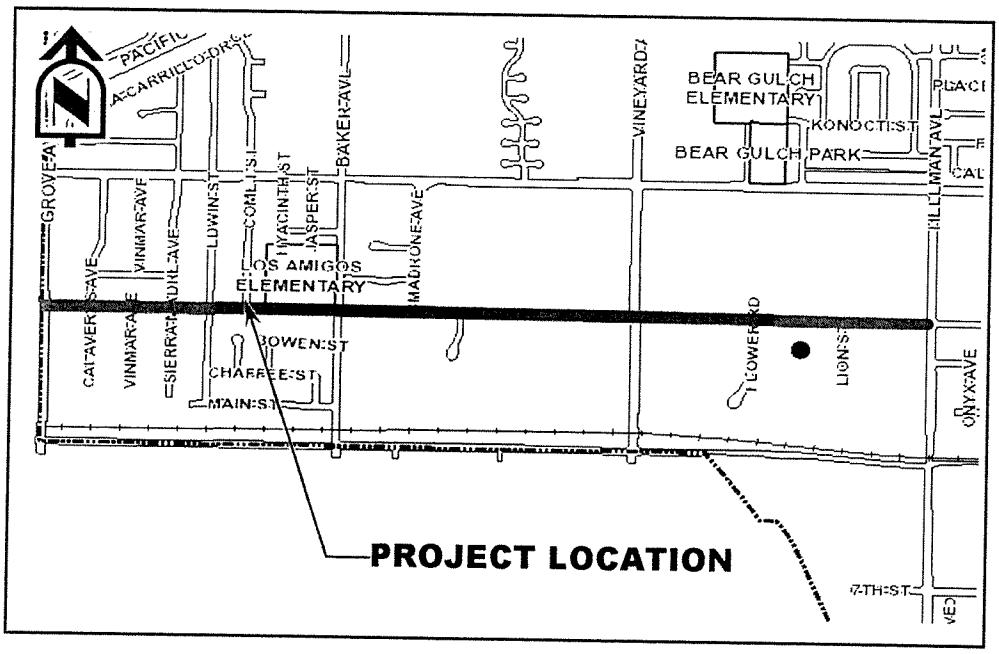
Project Location:
9th Street from Grove Avenue to Hellman Avenue

Est. Construction Start/End:
06/2017 - 08/2017

Project Status:
Design/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 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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$266,000	$0	$0	$0	$0	$266,000
Inspection & Administration	$0	$7,500	$0	$0	$0	$0	$7,500
Contingency	$0	$26,500	$0	$0	$0	$0	$26,500
Total Costs:	$25,000	$300,000	$0	$0	$0	$0	$325,000

Project Funding:

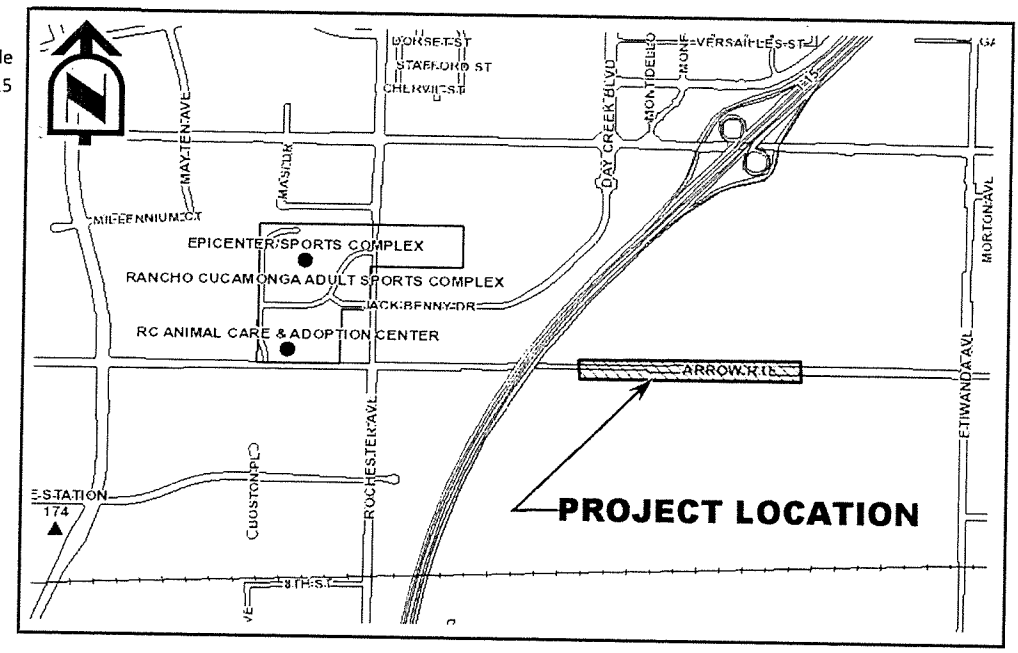
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$25,000	$0	$0	$0	$0	$0	$25,000
Measure I Fund (177)	$0	$300,000	$0	$0	$0	$0	$300,000
Total Costs:	$25,000	$300,000	$0	$0	$0	$0	$325,000

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.

Project Number: 800-2015-14
JL Key: 1907
Object: 5650

Arrow Route along the South side 500' to 1300' east of the Interstate I-15 freeway - widening

Project Location:
Arrow Route along the South side 500' to 1300' east of the I-15 freeway



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: This project involves 800 feet of asphalt pavement widening and striping.

Justification: This project will improve traffic circulation and safety with the addition of a second lane and paved shoulders.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$265,000	$0	$0	$268,000	$533,000
Inspection & Administration	$0	$0	$10,000	$0	$0	$5,000	$15,000
Contingency	$0	$0	$25,000	$0	$0	$27,000	$52,000
Total Costs:	$0	$5,000	$300,000	$0	$0	$300,000	$605,000

Project Funding:

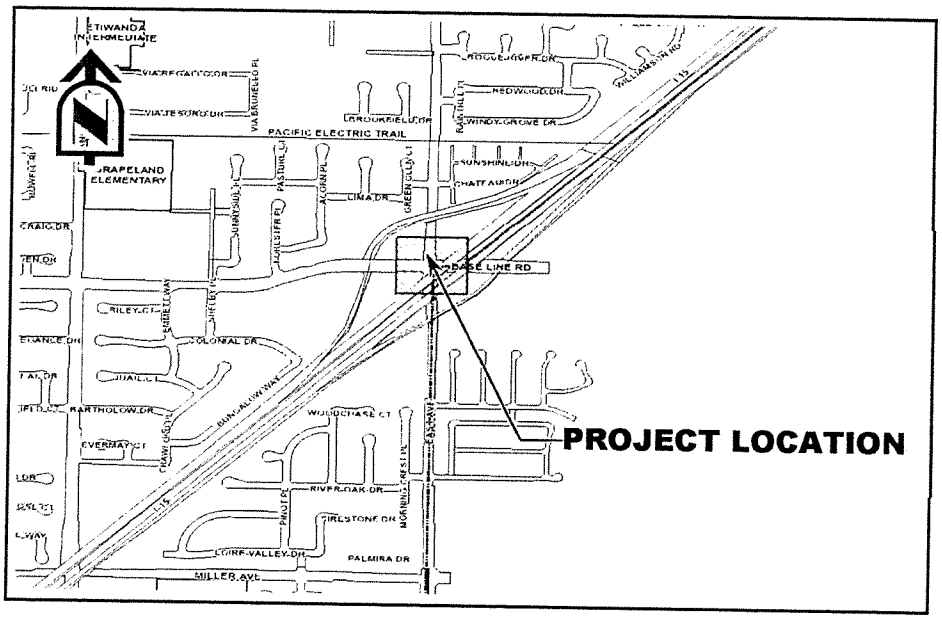
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$0	$5,000	$0	$0	$0	$0	$5,000
Unknown	$0	$0	$300,000	$0	$0	$300,000	$600,000
Total Costs:	$0	$5,000	$300,000	$0	$0	$300,000	$605,000

Impact on Operations: None.

Project Number: 800-2007-21
JL Key: 1361
Object: 5650

Base Line Road at I-15 Interchange

Project Location:
Base Line Road at the I-15 Freeway



Est. Construction Start/End:
10/2014 - 08/2016

Project Status:
Construction

Department:
Engineering

Project Manager:
Jason Welday

Description: Construction of a modification to the on and off ramps for the I-15 Freeway at Base Line Road.

Justification: Due to the current and projected congestion of the streets around the interchange, it is necessary to improve access to and from the I-15 freeway at Base Line Road. Up to 50 percent of the project costs are eligible for reimbursement through Federal funds.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$1,089,550	$0	$0	$0	$0	$0	$1,089,550
Design/Plan Review	$5,687,151	$0	$0	$0	$0	$0	$5,687,151
Right-of-Way	$7,135,962	$0	$0	$0	$0	$0	$7,135,962
Construction	$32,930,047	$5,210,920	$0	$0	$0	$0	$38,140,967
Total Costs:	$46,842,710	$5,210,920	$0	$0	$0	$0	$52,053,630

Project Funding:

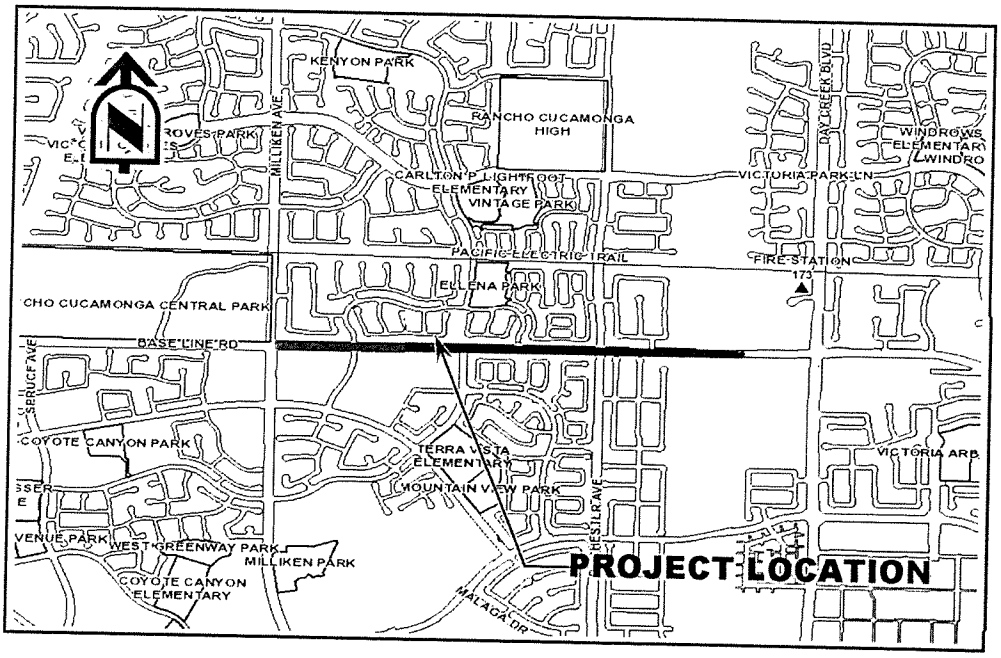
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$2,860,207	$100,000	$0	$0	$0	$0	$2,960,207
RDA (660)	$10,137,690	$0	$0	$0	$0	$0	$10,137,690
Tax Allocation Bonds	$29,851,545	$0	$0	$0	$0	$0	$29,851,545
City Infrastructure (198)	$299,774	$0	$0	$0	$0	$0	$299,774
General Fund (001)	$18,996	$0	$0	$0	$0	$0	$18,996
RDA (650)	$3,771	$0	$0	$0	$0	$0	$3,771
Subtotal City Budget Costs:	$43,171,983	$100,000	$0	$0	$0	$0	$43,271,983
IMD / BDP (Federal)	$1,179,835	$0	$0	$0	$0	$0	$1,179,835
SAFETEA-LU (Federal) (209)	$1,510,809	$5,091,000	$0	$0	$0	$0	$6,601,809
Prop-1B - SLPP (State) (211)	$980,083	$19,920	$0	$0	$0	$0	$1,000,003
Subtotal Other Costs:	$3,670,727	$5,110,920	$0	$0	$0	$0	$8,781,647
Grand Total Costs:	$46,842,710	$5,210,920	$0	$0	$0	$0	$52,053,630

Impact on Operations: City is expected to take over maintenance of the landscaping within the interchange. Area of landscaping has not yet been determined.

Project Number: 800-2015-07
JL Key: 1880
Object: 5650

Base Line Road from Milliken Avenue to w/o Day Creek Boulevard - Pavement Rehabilitation

Project Location:
Base Line Road from Milliken Avenue to w/o Day Creek Boulevard



Est. Construction Start/End:
09 /2016 - 10/2016

Project Status:
Design/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 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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$30,000	$0	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$805,000	$0	$0	$0	$0	$805,000
Inspection & Administration	$0	$15,000	$0	$0	$0	$0	$15,000
Contingency	$0	$80,000	$0	$0	$0	$0	$80,000
Total Costs:	$30,000	$900,000	$0	$0	$0	$0	$930,000

Project Funding:

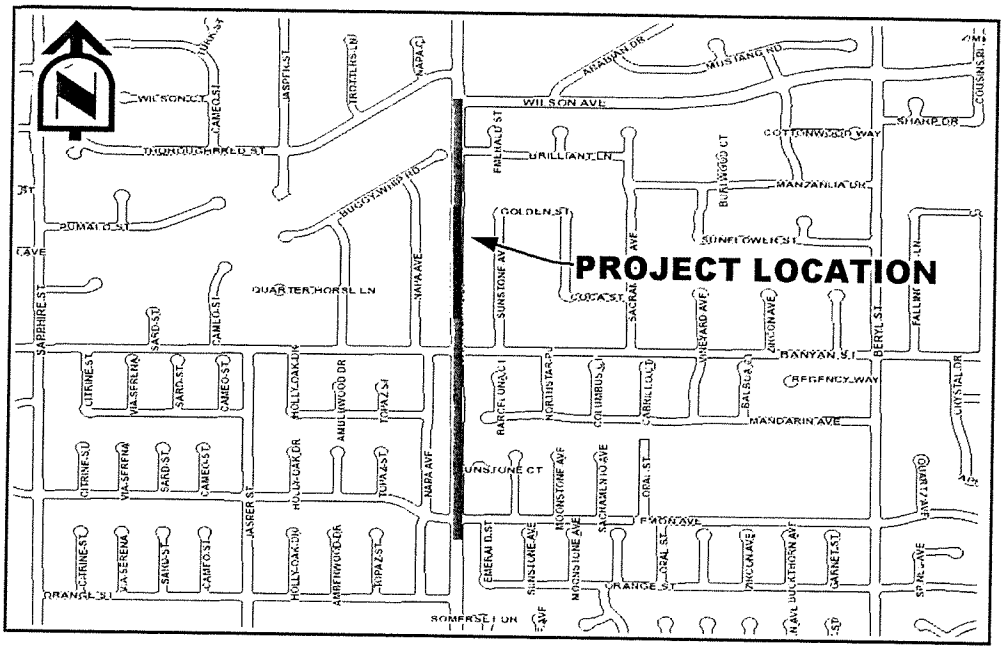
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$30,000	$900,000	$0	$0	$0	$0	$930,000
Total Costs:	$30,000	$900,000	$0	$0	$0	$0	$930,000

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.

Project Number: 800-2016-14
JL Key: 1722
Object: 5650

Carnelian Street from Lemon Avenue to Wilson Avenue - Pavement Rehabilitation

Project Location:
Carnelian Street from Lemon Avenue to Wilson Avenue



Est. Construction Start/End:
09/2016 –10/2016

Project Status:
Design/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 loop replacement, utility valves and manhole adjustments and pavement striping.

Justification: This project was re-budget due to Traffic Signal installation at Banyan Street and will pave after signal is finished. 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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$400,000	$0	$0	$0	$0	$400,000
Inspection & Administration	$0	$28,000	$0	$0	$0	$0	$28,000
Contingency	$0	$40,000	$0	$0	$0	$0	$40,000
Total Costs:	$0	$468,000	$0	$0	$0	$0	$468,000

Project Funding:

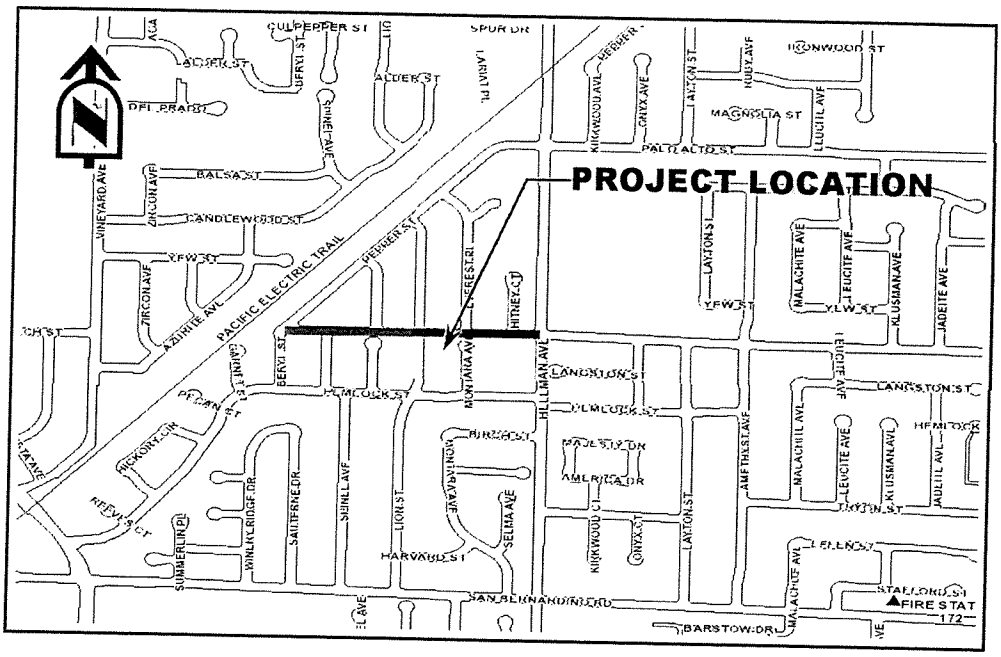
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$0	$468,000	$0	$0	$0	$0	$468,000
Total Costs:	$0	$468,000	$0	$0	$0	$0	$468,000

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.

Project Number: 800-2015-10
JL Key: 1906
Object: 5650

Church Street from Pepper Street to Hellman Avenue - Pavement Rehabilitation

Project Location:
Chruch Street from Pepper Street to Hellman Avenue



Est. Construction Start/End:
06/2017 - 08/2017

Project Status:
Design/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 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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$175,000	$0	$0	$0	$0	$175,000
Inspection & Administration	$0	$7,500	$0	$0	$0	$0	$7,500
Contingency	$0	$17,500	$0	$0	$0	$0	$17,500
Total Costs:	$25,000	$200,000	$0	$0	$0	$0	$225,000

Project Funding:

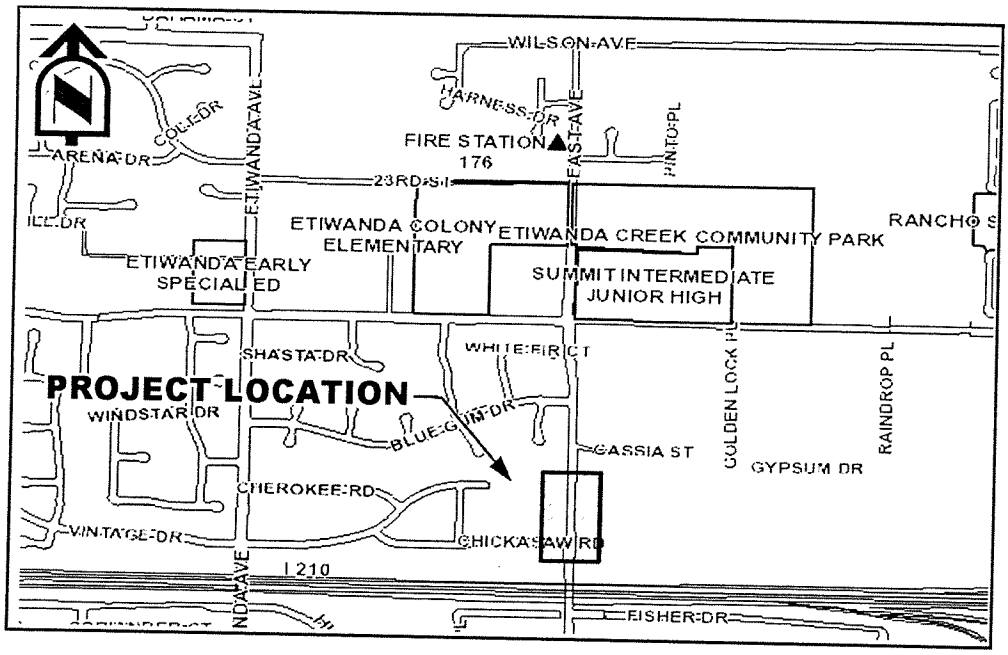
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$25,000	$0	$0	$0	$0	$0	$25,000
Measure I Fund (177)	$0	$200,000	$0	$0	$0	$0	$200,000
Total Costs:	$25,000	$200,000	$0	$0	$0	$0	$225,000

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.

Project Number: 800-2016-16
JL Key: 1931
Object: 5650

East Ave from Chickasaw Rd to 370 ft north - Street Widening and Sidewalk Improvements

Project Location:
East Avenue from Chickasaw Road to 370 feet north, along the west side.



Est. Construction Start/End:
05/2017 - 06/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings

Description: This project will install 310 feet of sidewalk and street widening improvements along the west side to close a gap between two existing sections of sidewalk.

Justification: The sidewalk and widening improvements will improve pedestrian and vehicle circulation.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$93,000	$0	$0	$0	$0	$93,000
Inspection & Administration	$0	$3,000	$0	$0	$0	$0	$3,000
Contingency	$0	$9,000	$0	$0	$0	$0	$9,000
Total Costs:	$0	$110,000	$0	$0	$0	$0	$110,000

Project Funding:

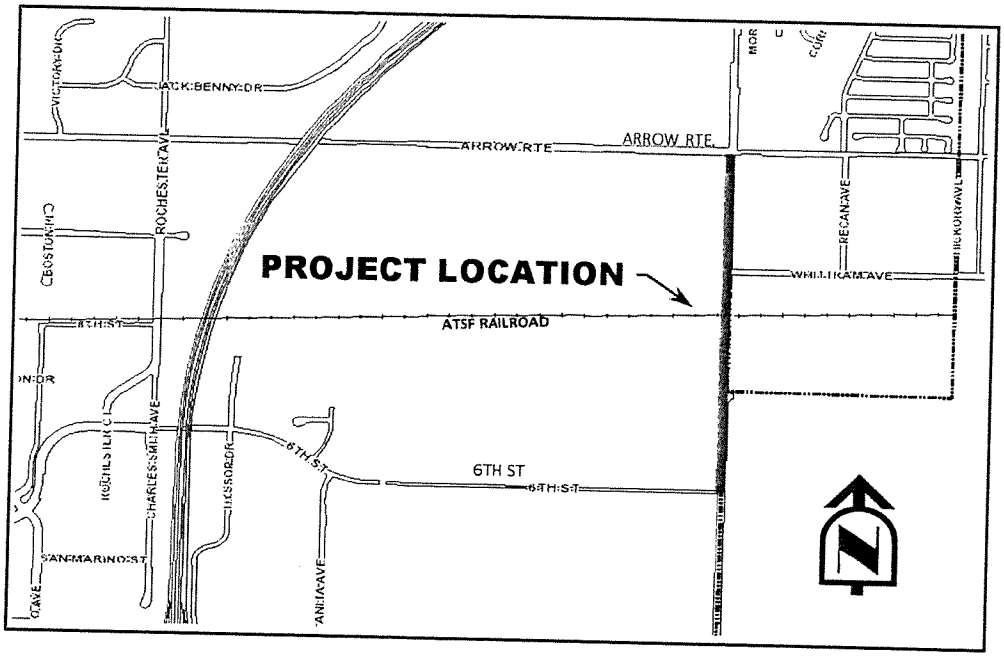
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$0	$55,000	$0	$0	$0	$0	$55,000
City Wide Infastructure Fund (198)	$0	$55,000	$0	$0	$0	$0	$55,000
Total Costs:	$0	$110,000	$0	$0	$0	$0	$110,000

Impact on Operations: This project will reduce maintenance and weed abatement costs.

Project Number: 800-2010-15
JL Key: 1076
Object: 5650

Etiwanda Avenue from 6th Street to Arrow Route - Street Widening Improvements

Project Location:
Etiwanda Avenue from 6th Street to Arrow Route



Est. Construction Start/End:
04/2017 - 06/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings

Description: Widen Etiwanda Avenue to two lanes in each direction, from 6th Street to Whittram Avenue including bike lanes from 6th Street to Arrow Route.

Justification: Widening Etiwanda Avenue will improve traffic circulation.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$20,000	$0	$0	$0	$0	$20,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$390,000	$0	$0	$0	$0	$390,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$30,000	$0	$0	$0	$0	$30,000
Total Costs:	$0	$450,000	$0	$0	$0	$0	$450,000

Project Funding:

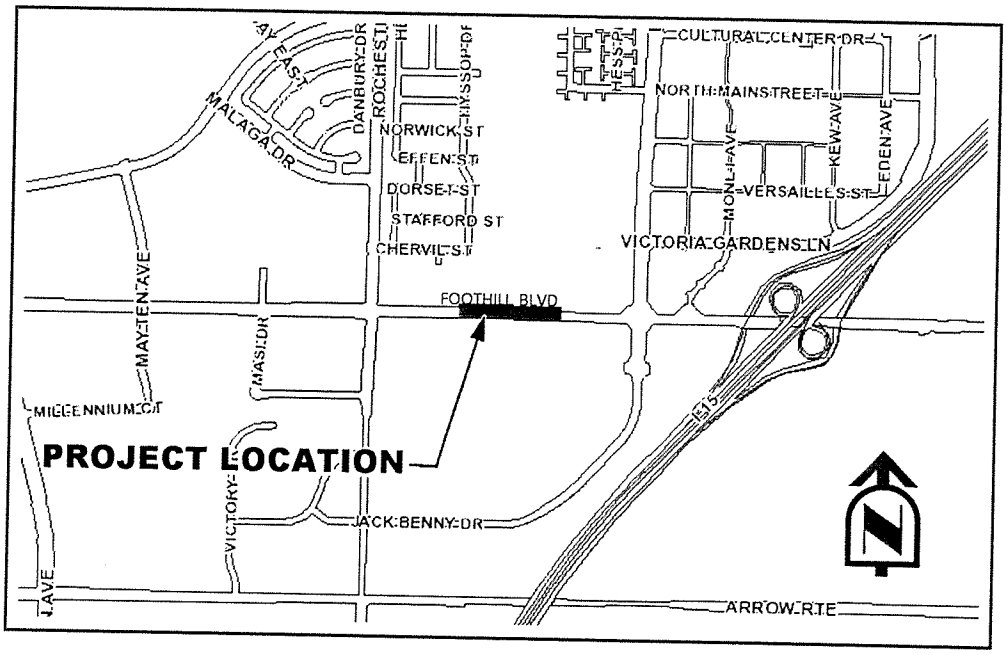
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation Fund (124)	$0	$450,000	$0	$0	$0	$0	$450,000
Total Costs:	$0	$450,000	$0	$0	$0	$0	$450,000

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.

Project Number: 800-2016-10
JL Key: 1826
Object: 5650

Foothill Boulevard across SCE Corridor West of Day Creek Channel - Sidewalk Improvements

Project Location:
Foothill Boulevard across SCE Corridor west of Day Creek Channel



Est. Construction Start/End:
01/2017 - 02/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Romeo David

Description: This project will install 600 feet of sidewalk to close the gap between two sections of existing sidewalk.

Justification: This project was requested by handicap residents using this route everyday. The improvements will improve pedestrian circulation as well as bring the area into ADA compliance.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$10,000	$0	$0	$0	$0	$10,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$110,000	$0	$0	$0	$0	$110,000
Inspection & Administration	$0	$14,000	$0	$0	$0	$0	$14,000
Contingency	$0	$11,000	$0	$0	$0	$0	$11,000
Total Costs:	$0	$145,000	$0	$0	$0	$0	$145,000

Project Funding:

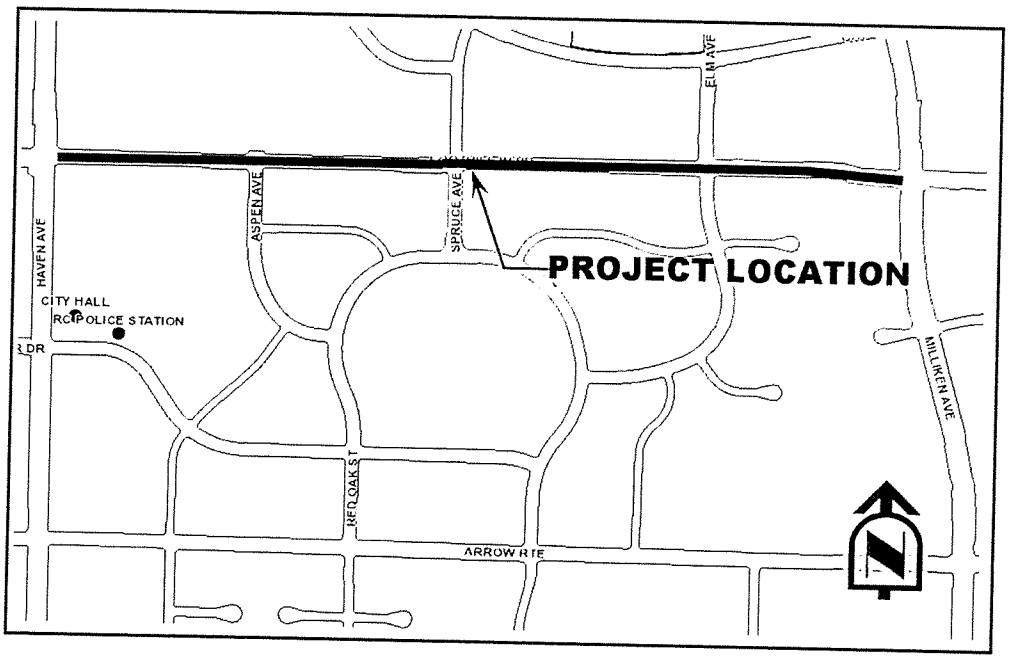
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
City Wide Infastructure Fund (198)	$0	$145,000	$0	$0	$0	$0	$145,000
Total Costs:	$0	$145,000	$0	$0	$0	$0	$145,000

Impact on Operations: This project will reduce maintenance and weed abatement costs from General Fund and LMD 3B.

Project Number: 800-2016-09
JL Key: 1932
Object: 5650

Foothill Boulevard from Haven Avenue to Milliken Avenue - Pavement Rehabilitation

Project Location:
Foothill Boulevard - From Haven Avenue to Milliken Avenue



Est. Construction Start/End:
05/2018 - 06/2018

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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$805,000	$0	$0	$0	$805,000
Inspection & Administration	$0	$0	$15,000	$0	$0	$0	$15,000
Contingency	$0	$0	$80,000	$0	$0	$0	$80,000
Total Costs:	$0	$50,000	$900,000	$0	$0	$0	$950,000

Project Funding:

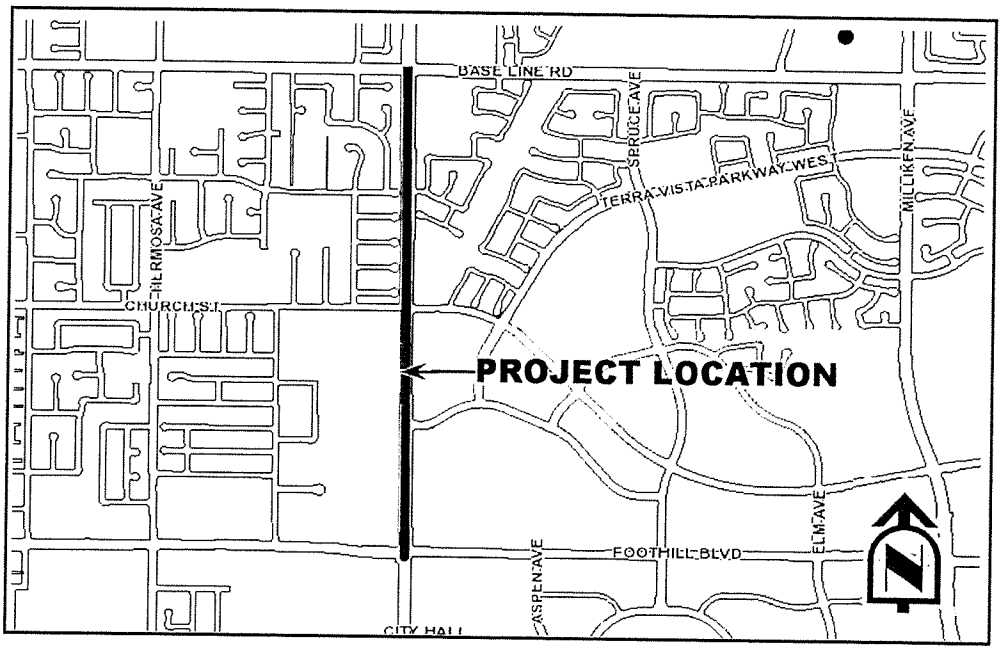
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$0	$50,000	$900,000	$0	$0	$0	$950,000
Total Costs:	$0	$50,000	$900,000	$0	$0	$0	$950,000

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.

Project Number: 800-2016-07
JL Key: 1933
Object: 5650

Haven Avenue from Foothill Boulevard to Base Line Road - Pavement Rehabilitation

Project Location:
Haven Avenue - From Foothill Boulevard to Base Line Road



Est. Construction Start/End:
05/2018 - 06/2018

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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$805,000	$0	$0	$0	$805,000
Inspection & Administration	$0	$0	$15,000	$0	$0	$0	$15,000
Contingency	$0	$0	$80,000	$0	$0	$0	$80,000
Total Costs:	$0	$50,000	$900,000	$0	$0	$0	$950,000

Project Funding:

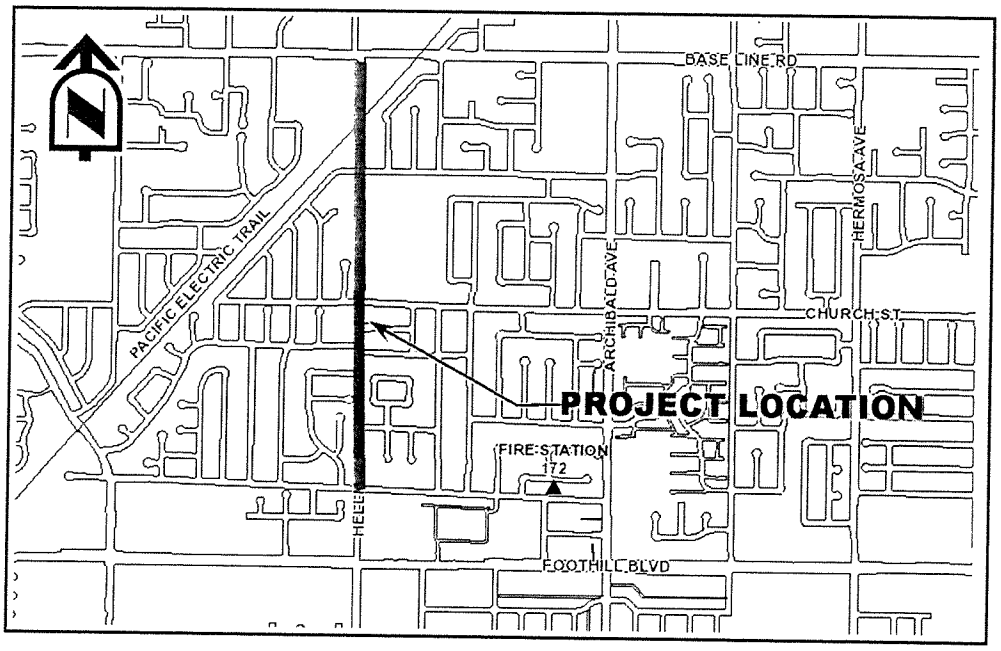
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$0	$50,000	$900,000	$0	$0	$0	$950,000
Total Costs:	$0	$50,000	$900,000	$0	$0	$0	$950,000

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.

Project Number: 800-2015-11
JL Key: 1905
Object: 5650

Hellman Avenue from San Bernardino Road to Base Line Road - Pavement Rehabilitation

Project Location:
Hellman Avenue from San Bernardino Road to Base Line Road



Est. Construction Start/End:
06/2017 - 08/2017

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 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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$300,000	$0	$0	$0	$0	$300,000
Inspection & Administration	$0	$27,000	$0	$0	$0	$0	$27,000
Contingency	$0	$30,000	$0	$0	$0	$0	$30,000
Total Costs:	$25,000	$357,000	$0	$0	$0	$0	$382,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$25,000	$0	$0	$0	$0	$0	$25,000
Measure I Fund (177)	$0	$357,000	$0	$0	$0	$0	$357,000
Total Costs:	$25,000	$357,000	$0	$0	$0	$0	$382,000

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.

Project Number: 800-2016-05
JL Key: 1934
Object: 5650

Hermosa Avenue from Arrow Route to Foothill Boulevard - Pavement Rehabilitation

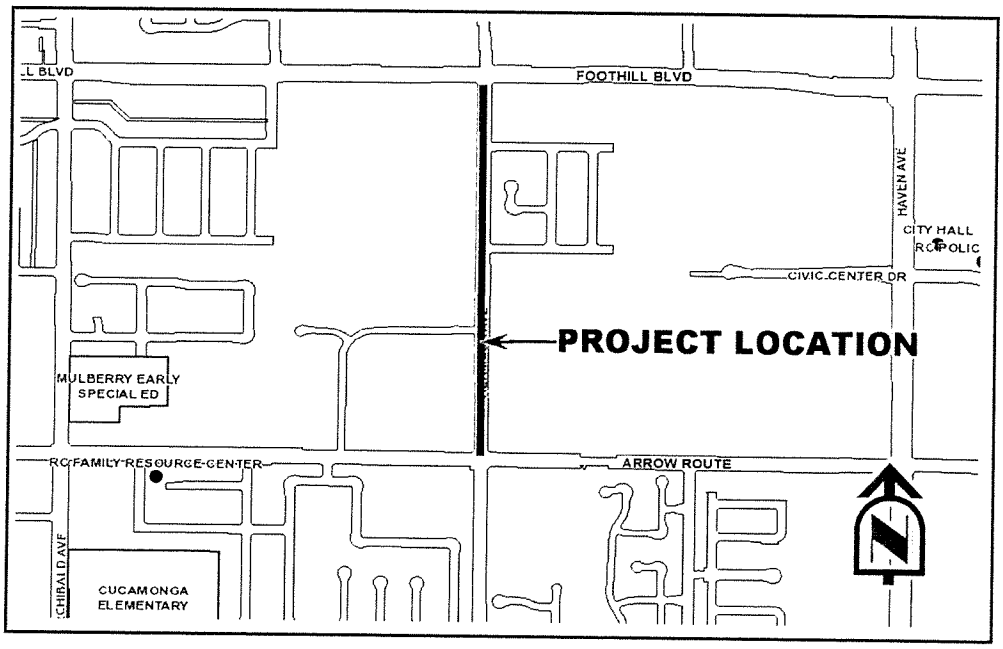
Project Location:
Hermosa Avenue - From Arrow Route to Foothill Boulevard

Est. Construction Start/End:
08/2017 - 09/2017

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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$35,000	$0	$0	$0	$0	$35,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$265,000	$0	$0	$0	$265,000
Inspection & Administration	$0	$0	$10,000	$0	$0	$0	$10,000
Contingency	$0	$0	$25,000	$0	$0	$0	$25,000
Total Costs:	$0	$35,000	$300,000	$0	$0	$0	$335,000

Project Funding:

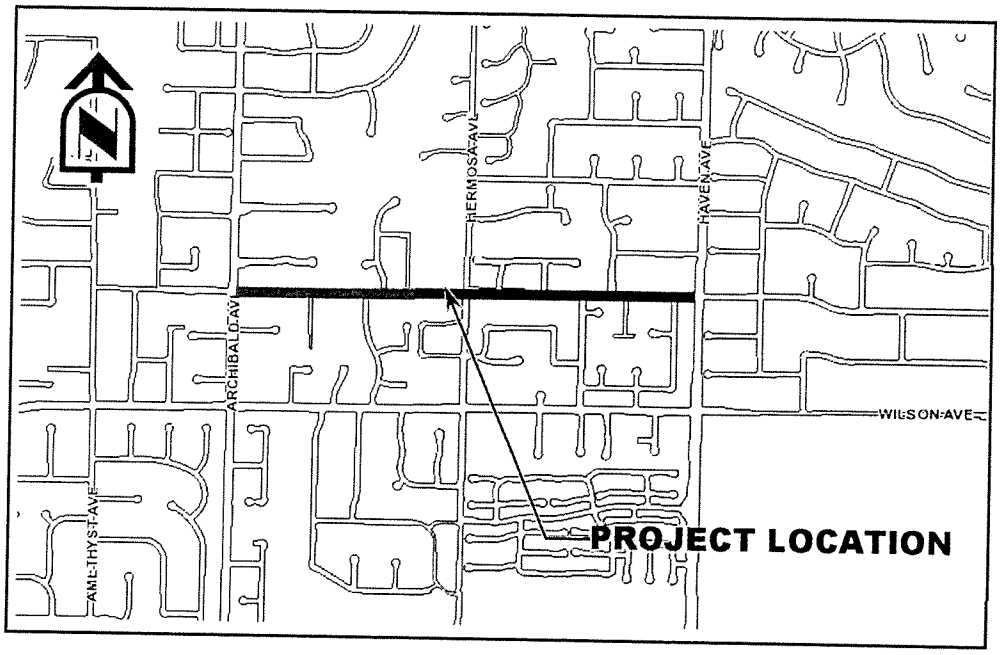
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$0	$35,000	$300,000	$0	$0	$0	$335,000
Total Costs:	$0	$35,000	$300,000	$0	$0	$0	$335,000

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.

Project Number: 800-2015-06
JL Key: 1879
Object: 5650

Hillside Road from Archibald Avenue to Haven Avenue - Pavement Rehabilitation

Project Location:
Hillside Road from Archibald Avenue to Haven Avenue



Est. Construction Start/End:
06/2017 - 08/2017

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 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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$760,000	$0	$0	$0	$0	$760,000
Inspection & Administration	$0	$15,000	$0	$0	$0	$0	$15,000
Contingency	$0	$75,000	$0	$0	$0	$0	$75,000
Total Costs:	$25,000	$850,000	$0	$0	$0	$0	$875,000

Project Funding:

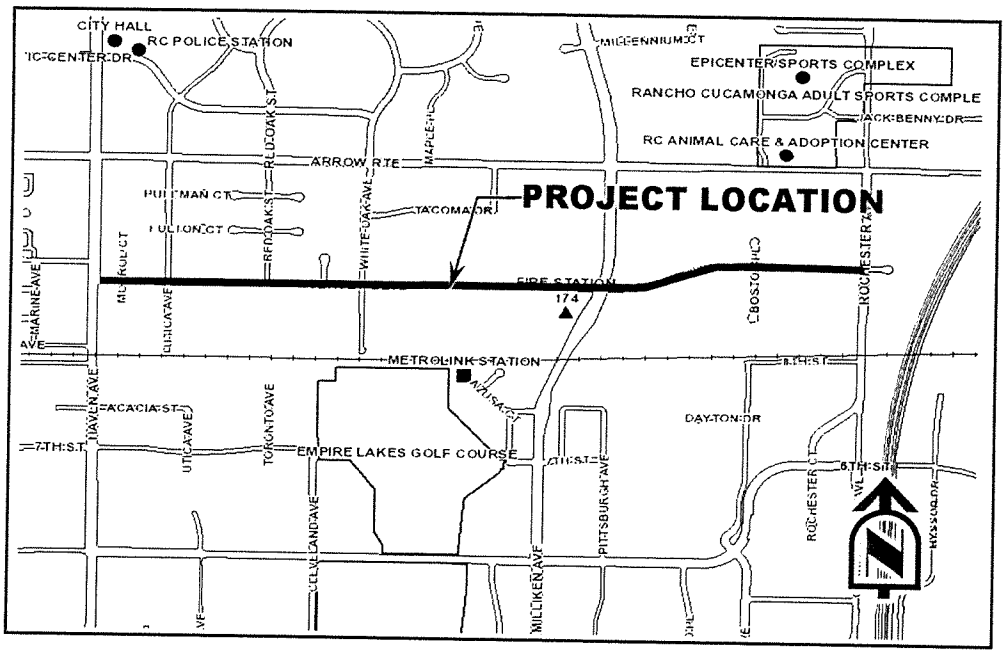
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$25,000	$0	$0	$0	$0	$0	$25,000
Measure I Fund (177)	$0	$850,000	$0	$0	$0	$0	$850,000
Total Costs:	$25,000	$850,000	$0	$0	$0	$0	$875,000

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.

Project Number: 800-2016-04
JL Key: 1929
Object: 5650

Jersey Boulevard from Haven Avenue to Rochester Avenue - Pavement Rehabilitation

Project Location:
Jersey Boulevard - From Haven Avenue to Rochester Avenue



Est. Construction Start/End:
08/2017 - 09/2017

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 approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$490,000	$0	$0	$0	$490,000
Inspection & Administration	$0	$0	$10,000	$0	$0	$0	$10,000
Contingency	$0	$0	$50,000	$0	$0	$0	$50,000
Total Costs:	$0	$50,000	$550,000	$0	$0	$0	$600,000

Project Funding:

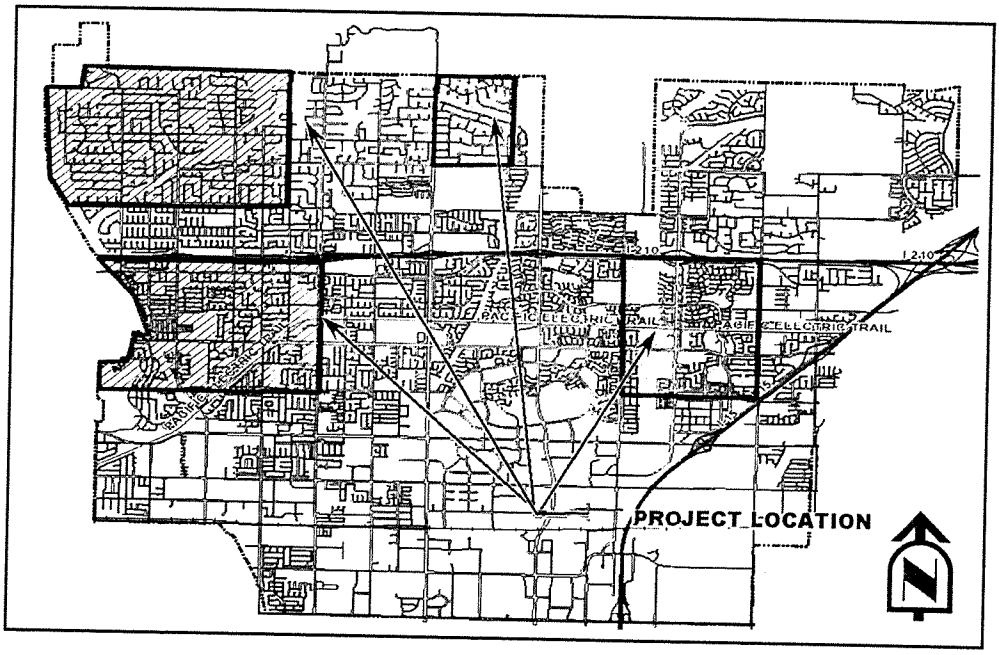
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$0	$50,000	$0	$0	$0	$0	$50,000
Unknown	$0	$0	$550,000	$0	$0	$0	$550,000
Total Costs:	$0	$50,000	$550,000	$0	$0	$0	$600,000

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.

Project Number: 800-2016-03
JL Key: 1022
Object: 5650

Local Street Pavement Rehabilitation at Various Locations

Project Location:
Various Locations



Est. Construction Start/End:
5/2017 – 7/2017

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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$30,000	$50,000	$0	$0	$0	$0	$80,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$1,060,000	$727,000	$0	$0	$0	$0	$1,787,000
Inspection & Administration	$50,000	$50,000	$0	$0	$0	$0	$100,000
Contingency	$110,000	$73,000	$0	$0	$0	$0	$183,000
Total Costs:	$1,250,000	$900,000	$0	$0	$0	$0	$2,150,000

Project Funding:

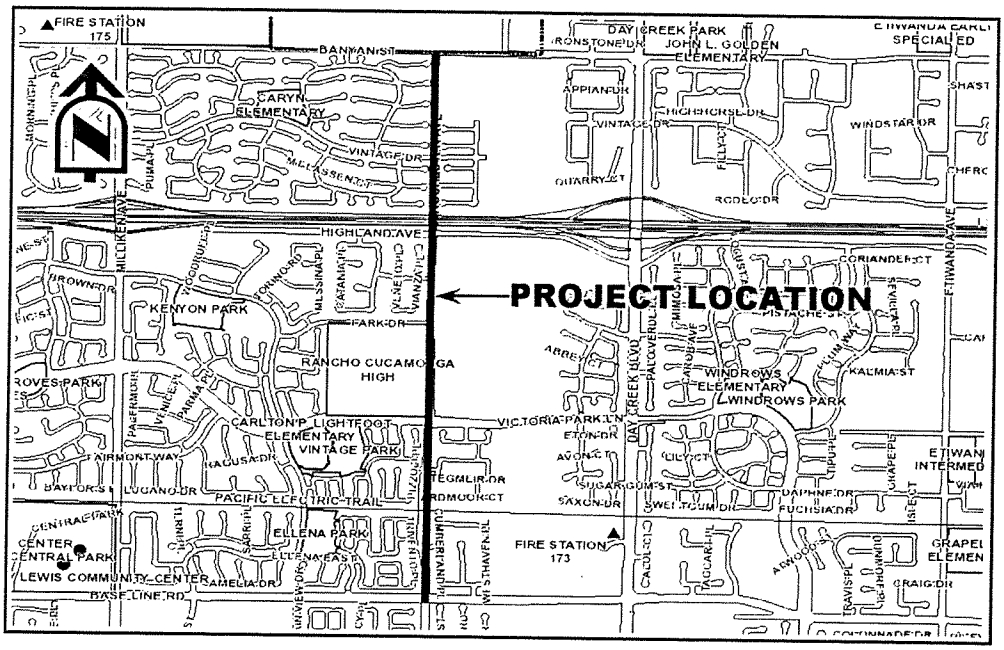
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
General Fund (001)	$400,000	$0	$0	$0	$0	$0	$400,000
Gas Tax R&T 7360 Fund (174)	$850,000	$850,000	$0	$0	$0	$0	$1,700,000
Infrastructure Fund (198)	$175,000	$50,000	$0	$0	$0	$0	$225,000
Total Costs:	$1,425,000	$900,000	$0	$0	$0	$0	$2,325,000

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.

Project Number: 800-2016-02
JL Key: 1935
Object: 5650

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:
08/2017 - 09/2017

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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$805,000	$0	$0	$0	$805,000
Inspection & Administration	$0	$0	$15,000	$0	$0	$0	$15,000
Contingency	$0	$0	$80,000	$0	$0	$0	$80,000
Total Costs:	$0	$50,000	$900,000	$0	$0	$0	$950,000

Project Funding:

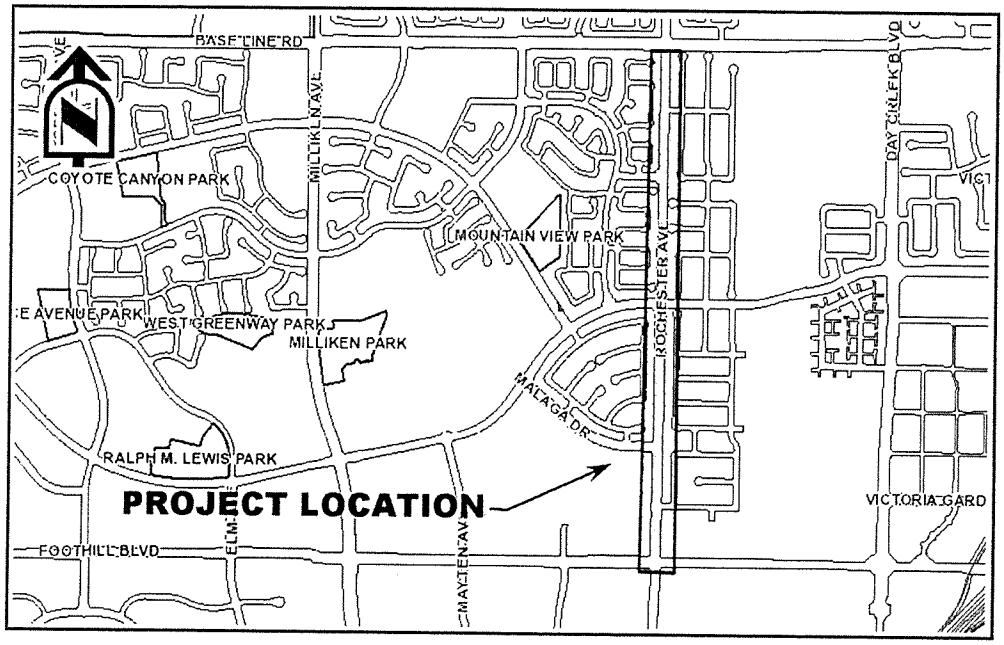
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$0	$50,000	$900,000	$0	$0	$0	$950,000
Total Costs:	$0	$50,000	$900,000	$0	$0	$0	$950,000

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.

Project Number: 800-2012-26
JL Key: 1821
Object: 5650

Rochester Avenue from Foothill Boulevard to Base Line Road - Pavement Rehabilitation

Project Location:
Rochester Avenue from Foothill Boulevad to Base Line Road



Est. Construction Start/End:
08/2016 - 10/2016

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings

Description: This project involves cold planning and localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, traffic signal video detection, ADA ramp reconstruction, 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. The project is using asphalt rubber and is approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$8,605	$0	$0	$0	$0	$0	$8,605
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$540,000	$0	$0	$0	$0	$540,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$60,000	$0	$0	$0	$0	$60,000
Total Costs:	$8,605	$610,000	$0	$0	$0	$0	$618,605

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Measure I Fund (177)	$8,605	$610,000	$0	$0	$0	$0	$618,605
Total Costs:	$8,605	$610,000	$0	$0	$0	$0	$618,605

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: 800-2014-09
JL Key: 1877
Object: 5650

San Bernardino Road from Carnelian Street to Archibald Avenue - Pavement Rehabilitation

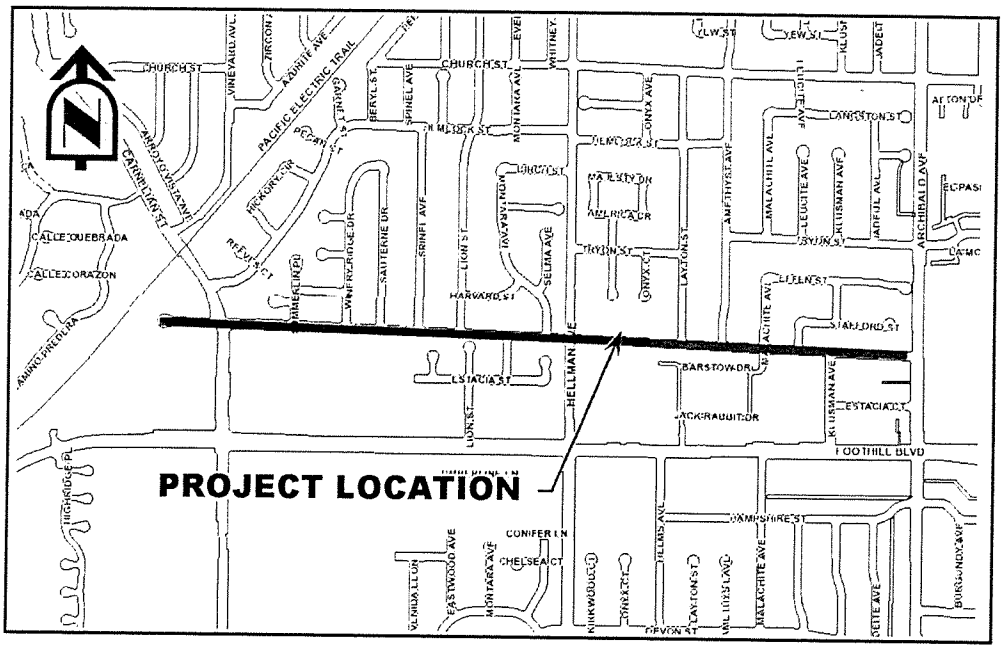
Project Location:
San Bernardino Road from Carnelian Street to Archibald Avenue

Est. Construction Start/End:
06/2017 - 08/2017

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 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. The project is using asphalt rubber and is approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$20,000	$0	$0	$0	$0	$0	$20,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$350,000	$0	$0	$0	$0	$350,000
Inspection & Administration	$0	$15,000	$0	$0	$0	$0	$15,000
Contingency	$0	$35,000	$0	$0	$0	$0	$35,000
Total Costs:	$20,000	$400,000	$0	$0	$0	$0	$420,000

Project Funding:

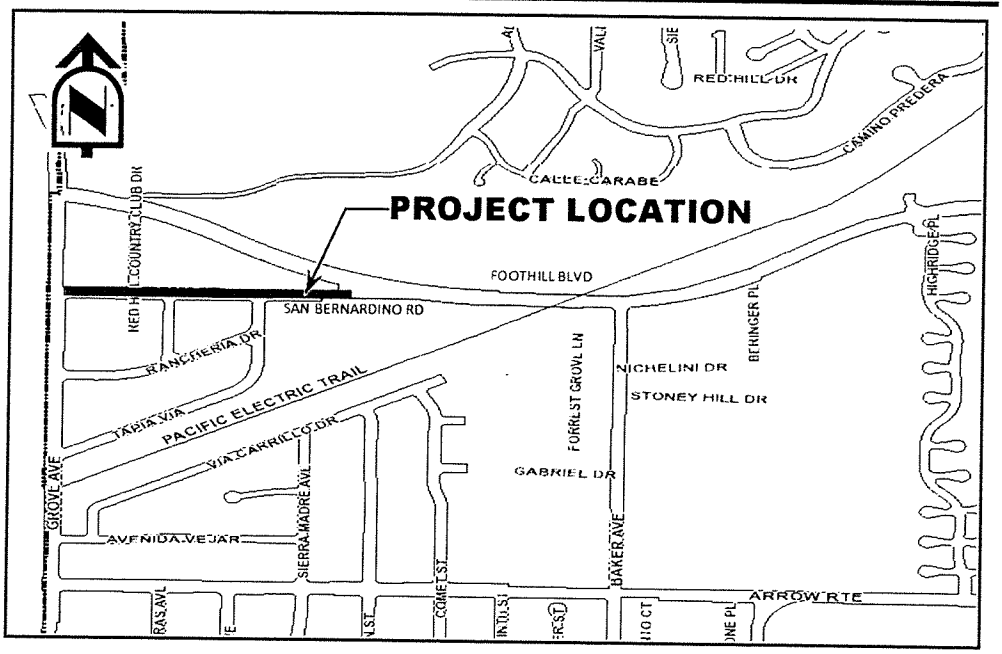
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Gas Tax R&T 7360 Fund (174)	$20,000	$200,000	$0	$0	$0	$0	$220,000
Fire Protection Capital Fund (288)	$0	$200,000	$0	$0	$0	$0	$200,000
Total Costs:	$20,000	$400,000	$0	$0	$0	$0	$420,000

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.

Project Number: 800-2015-08
JL Key: 1903
Object: 5650

San Bernardino Road from Grove Avenue to Foothill Boulevard - Pavement Rehabilitation

Project Location:
San Bernardino Road from Grove Avenue to Foothill Boulevard



Est. Construction Start/End:
06/2017 - 08/2017

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 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. The project is using asphalt rubber and is approved for a CalRecycle rebate.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	2020/21	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	$0	$80,000	$0	$0	$0	$0	$80,000
Inspection & Administration	$0	$16,000	$0	$0	$0	$0	$16,000
Contingency	$0	$8,000	$0	$0	$0	$0	$8,000
Total Costs:	$0	$104,000	$0	$0	$0	$0	$104,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Gas Tax R&T 7360 Fund (174)	$0	$104,000	$0	$0	$0	$0	$104,000
Total Costs:	$0	$104,000	$0	$0	$0	$0	$104,000

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.

Project Number: 800-2012-22
JL Key: 1601
Object: 5650

Youngs Canyon Road - Extension from Koch Place to Cherry Avenue

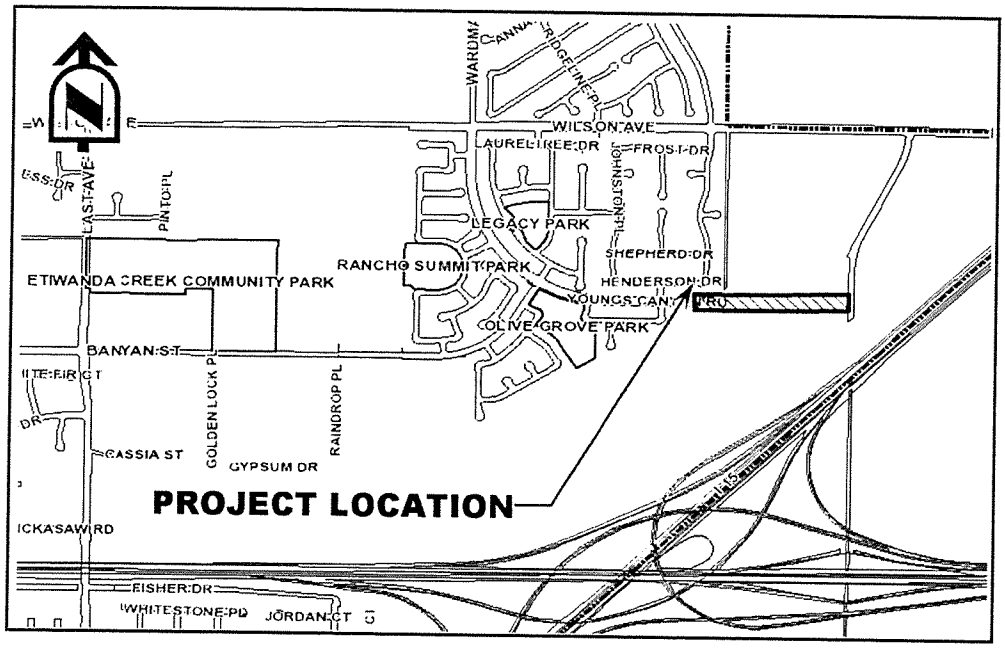
Project Location:
Youngs Canyon Road - Koch Place to Cherry Avenue

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 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/2020	TBD	TOTAL
Environmental/NPDES	$0	$0	$100,000	$0	$0	$0	$100,000
Design/Plan Review	$249,166	$50,000	$70,000	$0	$0	$0	$369,166
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
Total Costs:	$249,166	$50,000	$3,150,000	$0	$0	$0	$3,449,166

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/2020	TBD	TOTAL
AD 88-2 Etiw/Highlnd Imprv (813)	$249,166	$50,000	$3,150,000	$0	$0	$0	$3,449,166
Total Costs:	$249,166	$50,000	$3,150,000	$0	$0	$0	$3,449,166

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

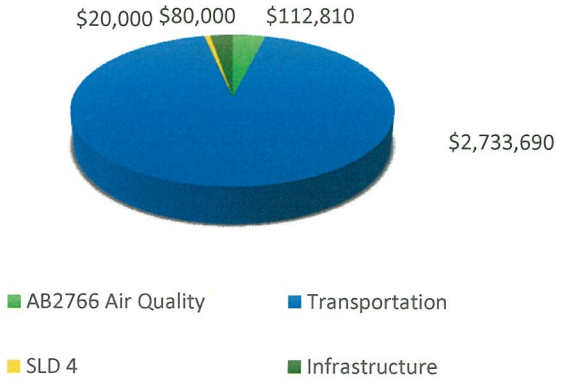
Projects included in this section are typically those that will promote safe and efficient traffic circulation per State and local design standards. Planned projects include two new signals, and upgrades at three intersections, synchronization at three freeway interchanges, and preparation of an ITS 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 2016-17 Expenditures

1	6th @ Rochester- Traffic Signal Installation	$	513,000
2	Archibald Ave @ Victoria- Traffic Signal Installation	$	551,500
3	Base Line Rd @ Lion St- Pedestrian Hybrid Beacon	$	80,000
4	East @ Miller- Traffic Signal Installation	$	524,000
5	Freeway & Arterial Signal Synchronization @ Various Intersections	$	320,000
6	Intelligent Transportation System Upgrade- Citywide	$	100,000
7	Milliken @ 5th- Traffic Signal Installation	$	469,000
8	Milliken Ave Traffic Signals @ Millenium Ct & Vintage Dr- Upgrade Lft Turn Phases	$	54,000
9	Rochester @ Jersey- Traffic Signal Installation	$	315,000
10	Terra Vista Parkway @ Spruce- Sfty Lghtg Installation	$	20,000
		$	2,946,500

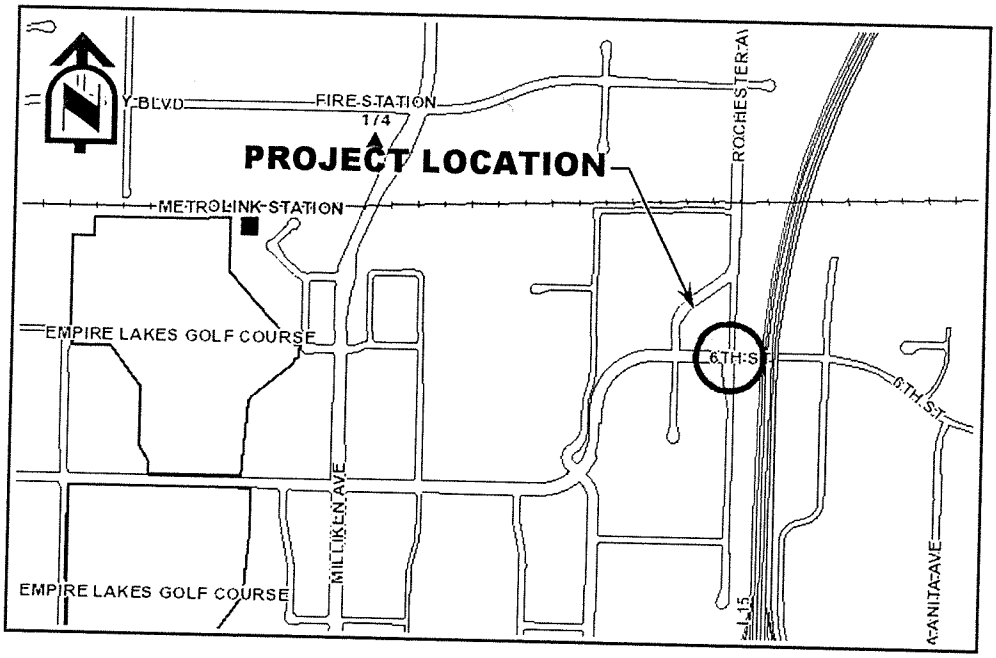
Sources of Funding for FY 2016-17



Project Number:
JL Key: 1939
Object: 5650

6th Street at Rochester Avenue - Traffic Signal Installation

Project Location:
Sixth Street and Rochester Avenue



Est. Construction Start/End:
3/2017 – 6/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Jason Welday

Description: The scope of work to be performed in general consists of, but is not limited to, installation of traffic signals, fiberoptic interconnect and related equipment at Sixth Street and Rochester Avenue.

Justification: The installation of traffic signals will improve traffic safety and reduce traffic congestion.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$30,000	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$430,000	$0	$0	$0	$0	$430,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$43,000	$0	$0	$0	$0	$43,000
Total Costs:	$0	$513,000	$0	$0	$0	$0	$513,000

Project Funding:

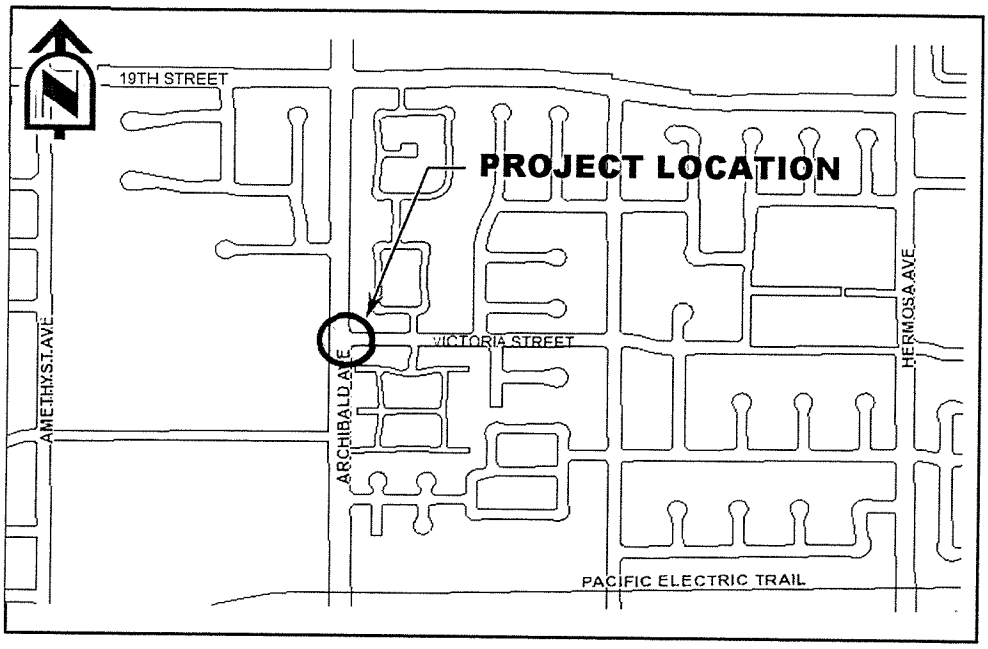
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$0	$513,000	$0	$0	$0	$0	$513,000
Total Costs:	$0	$513,000	$0	$0	$0	$0	$513,000

Impact on Operations: The City will be responsible to pay for the cost of electricity and maintenance. The estimated cost of electricity and maintenance for a traffic signal is $2,500 per year.

Project Number:
JL Key: 1510
Object: 5650

Archibald Avenue at Victoria Street - Traffic Signal Installation

Project Location:
Archibald Avenue at Victoria Street



Est. Construction Start/End:
3/2017 – 6/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Jason Welday

Description: The scope of work to be performed in general consists of, but is not limited to, installation of traffic signals, fiberoptic interconnect and related equipment at Archibald Avenue at Victoria Street.

Justification: The installation of traffic signals will improve traffic safety and reduce traffic congestion.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$30,000	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$465,000	$0	$0	$0	$0	$465,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$46,500	$0	$0	$0	$0	$46,500
Total Costs:	$0	$551,500	$0	$0	$0	$0	$551,500

Project Funding:

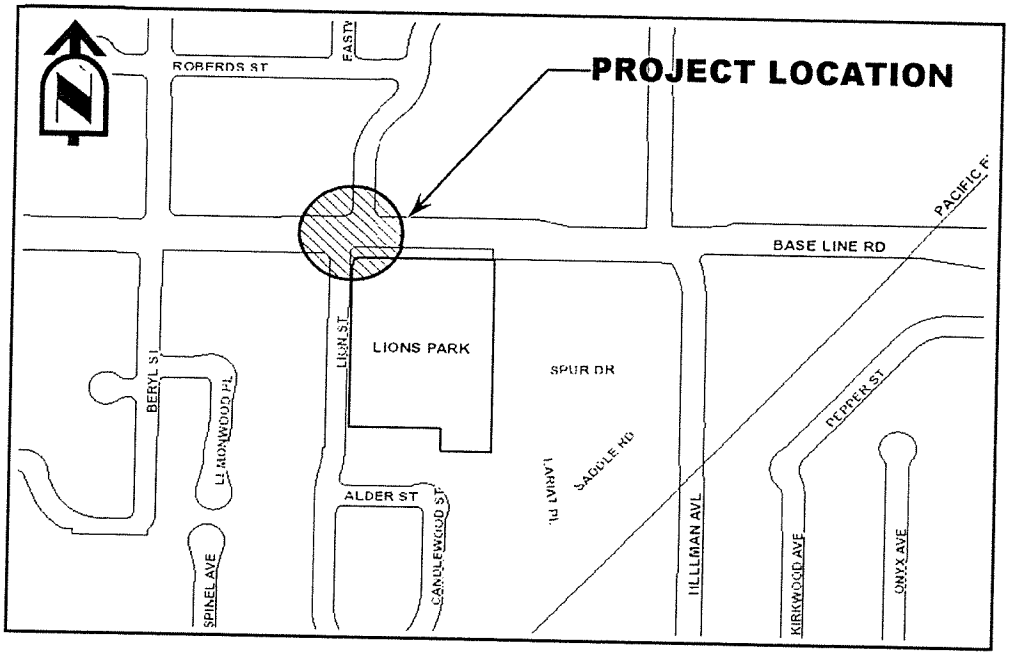
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$0	$551,500	$0	$0	$0	$0	$551,500
Total Costs:	$0	$551,500	$0	$0	$0	$0	$551,500

Impact on Operations: The City will be responsible to pay for the cost of electricity and maintenance. The estimated cost of electricity and maintenance for a traffic signal is $2,500 per year.

Project Number: 800-2015-24
JL Key: 1921
Object: 5650

Base Line Road at Lion Street - Pedestrian Hybrid Beacon (HAWK) Installation

Project Location:
Base Line Road at Lion Street



Est. Construction Start/End:
10/2016 – 11/2016

Project Status:
Construction

Department:
Engineering

Project Manager:
Jason Welday

Description: The scope of work to be performed in general consists of, but is not limited to, installation of a pedestrian hybrid beacon (HAWK) and related equipment at Base Line Road and Lion Street.

Justification: The project will improve pedestrian safety.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$20,000	$0	$0	$0	$0	$0	$20,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$80,000	$0	$0	$0	$0	$80,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$20,000	$80,000	$0	$0	$0	$0	$100,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Citywide Infrastructure Imprv (198)	$20,000	$80,000	$0	$0	$0	$0	$100,000
Total Costs:	$20,000	$80,000	$0	$0	$0	$0	$100,000

Impact on Operations: The City will be responsible for the cost of electricity and maintenance. The estimated cost of electricty and maintenance for a pedestrian hybrid beacon is $1,500 per year.

Project Number:
JL Key: 1888
Object: 5650

East Avenue at Miller Avenue - Traffic Signal Installation

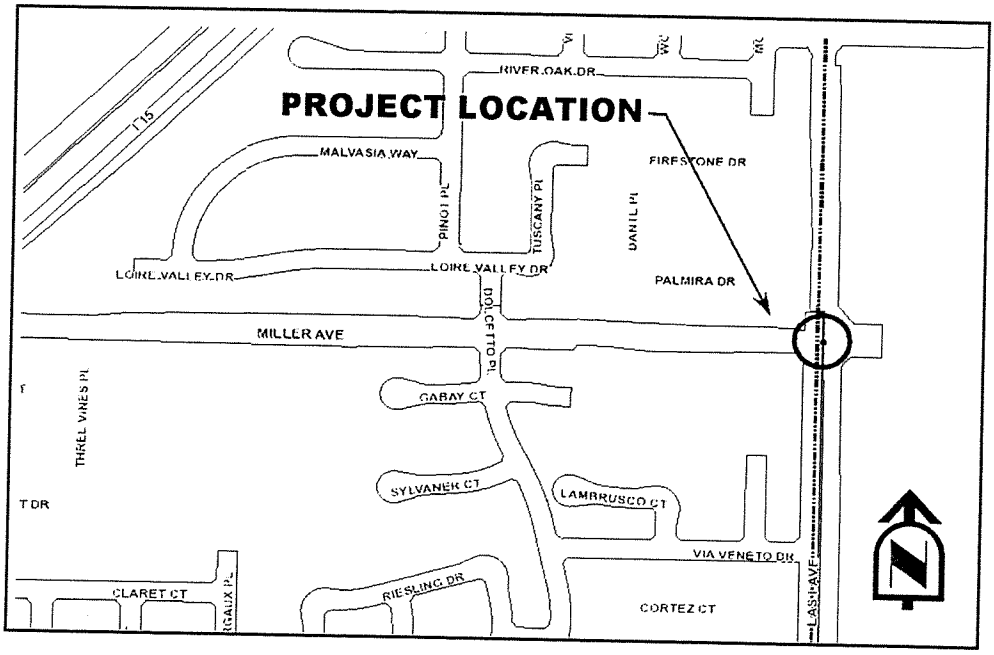
Project Location:
East Avenue at Miller Avenue

Est. Construction Start/End:
3/2017 – 6/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Jason Welday



Description: The scope of work to be performed in general consists of, but is not limited to, installation of traffic signals, fiber optic interconnect and related equipment at East Avenue at Miller Avenue.

Justification: The installation of traffic signals will improve traffic safety and reduce traffic congestion.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$30,000	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$440,000	$0	$0	$0	$0	$440,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$44,000	$0	$0	$0	$0	$44,000
Total Costs:	$0	$524,000	$0	$0	$0	$0	$524,000

Project Funding:

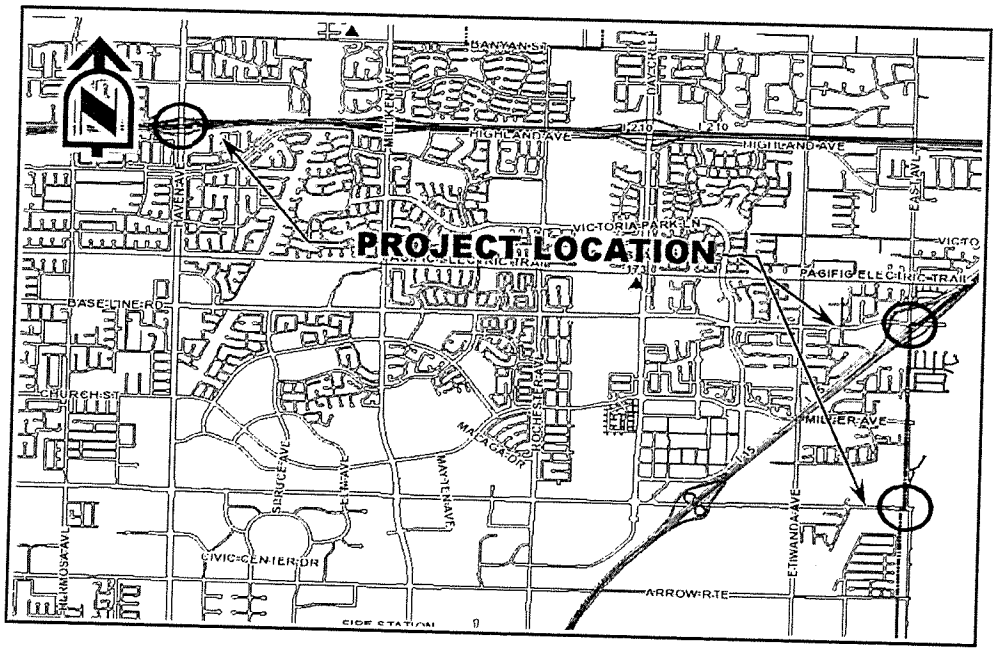
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$0	$524,000	$0	$0	$0	$0	$524,000
Total Costs:	$0	$524,000	$0	$0	$0	$0	$524,000

Impact on Operations: The City will be responsible to pay for the cost of electricity and maintenance. The estimated cost of electricity and maintenance for a traffic signal is $2,500 per year.

Project Number: 800-2015-16
JL Key: 1900
Object: 5650

Freeway and Arterial Signal Synchronization - Phase I

Project Location:
SR-210 at Haven Avenue; I-15 at Base Line Road; and I-15 at Foothill Boulevard



Est. Construction Start/End:
1/2017 - 6/2017

Project Status:
Construction

Department:
Engineering

Project Manager:
Jason Welday

Description: The scope of work to be performed in general consists of, but is not limited to, installation of traffic signal communication systems on City local arterials and State Route, Interstate on-ramps and off-ramps and updated coordination timing along the local arterials.

Justification: The project will provide communication and coordination to enable monitoring, re-timing and coordination of the City's traffic signals with the State Route and Interstate for improved traffic flow and safety. These improvements equate to reduced fuel consumption and vehicle emissions.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$85,000	$0	$0	$0	$0	$0	$85,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$290,000	$0	$0	$0	$0	$290,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$30,000	$0	$0	$0	$0	$30,000
Total Costs:	$85,000	$320,000	$0	$0	$0	$0	$405,000

Project Funding:

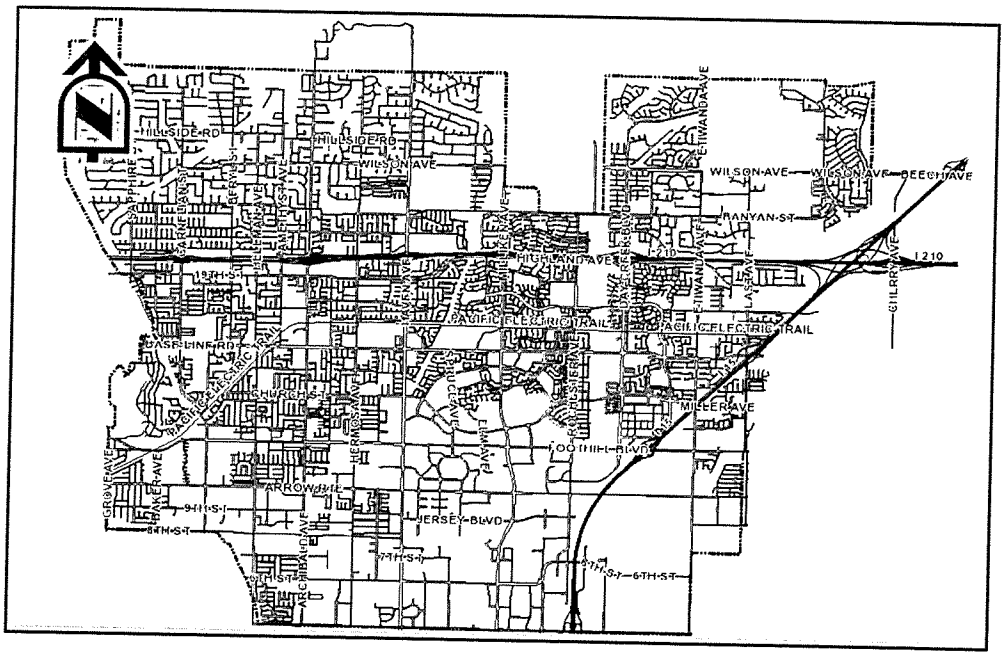
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
AB 2766 Air Quality Imprvmnt Fund (105)	$12,000	$112,810	$0	$0	$0	$0	$124,810
Transportation (124)	$73,000	$207,190	$0	$0	$0	$0	$280,190
Total Costs:	$85,000	$320,000	$0	$0	$0	$0	$405,000

Impact on Operations: Communication and coordination with the State Route and Interstate with City Streets will improve maintenance staff efficiencies and reduce related costs. These systems will also provide substantial improvements in system-wide signal timing and coordination, improving operational efficiencies, while also resulting in fewer citizen complaints.

Project Number: 800-2012-17
JL Key: 1831
Object: 5650

Intelligent Transportation System Upgrade - Citywide

Project Location:
City-Wide



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Jason Welday

Description: Construct conduit, fiberoptic cable, and networking devices to connect the City's traffic signals into the City's Intelligent Transportation System.

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

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Consultant Services	$315,000	$0	$0	$0	$0	$0	$315,000
Staff Training	$595	$0	$0	$0	$0	$0	$595
Design/Equipment Specifications	$0	$0	$0	$0	$0	$0	$0
Procurement/Construction	$351,056	$100,000	$500,000	$500,000	$500,000	$5,433,350	$7,384,406
System Testing and Integration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$666,651	$100,000	$500,000	$500,000	$500,000	$5,433,350	$7,700,001

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$666,651	$100,000	$500,000	$500,000	$500,000	$5,433,350	$7,700,001
Total Costs:	$666,651	$100,000	$500,000	$500,000	$500,000	$5,433,350	$7,700,001

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.

Project Number:
JL Key: 1940
Object: 5650

Milliken Avenue at 5th Street - Traffic Signal Installation

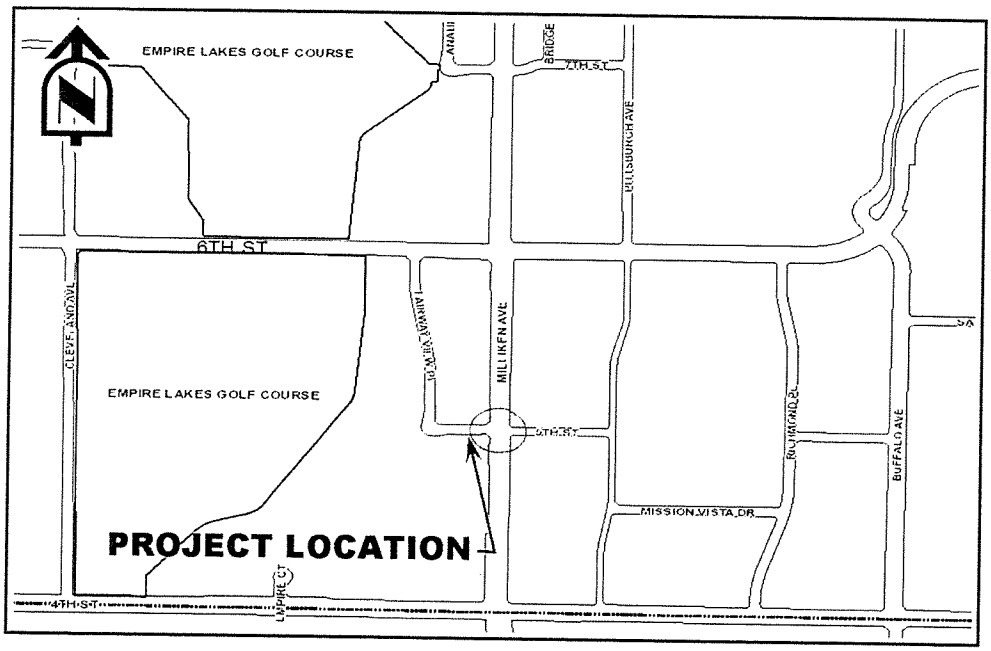
Project Location:
Milliken Avenue at 5th Street

Est. Construction Start/End:
3/2017 – 6/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Jason Welday



Description: The scope of work to be performed in general consists of, but is not limited to, installation of traffic signals, fiber optic interconnect and related equipment at Milliken Avenue at 5th Street.

Justification: The installation of traffic signals will improve traffic safety and reduce traffic congestion.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$30,000	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$390,000	$0	$0	$0	$0	$390,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$39,000	$0	$0	$0	$0	$39,000
Total Costs:	$0	$469,000	$0	$0	$0	$0	$469,000

Project Funding:

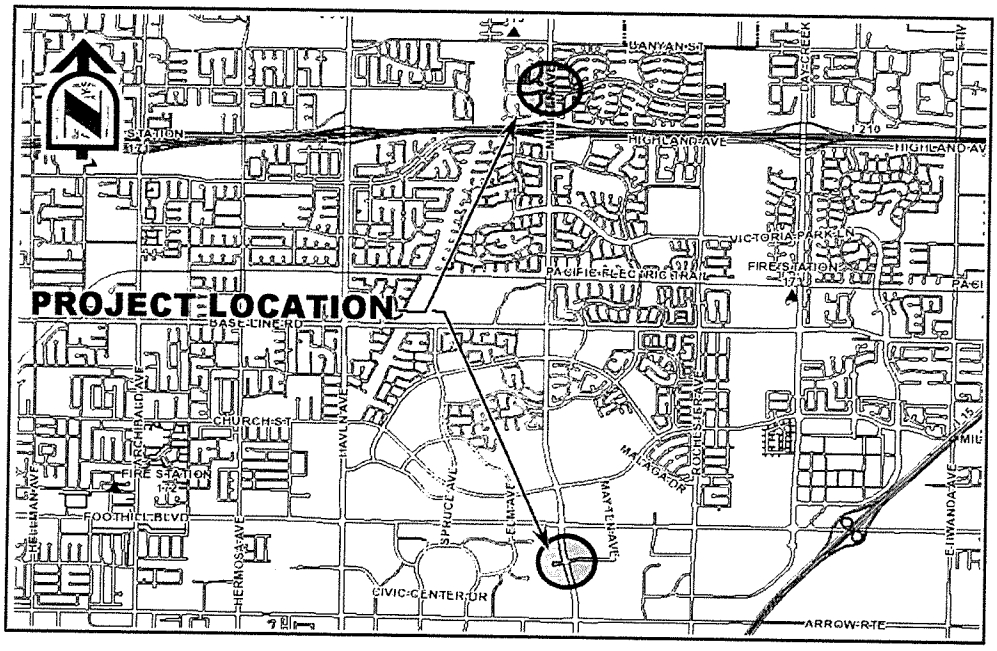
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$0	$469,000	$0	$0	$0	$0	$469,000
Total Costs:	$0	$469,000	$0	$0	$0	$0	$469,000

Impact on Operations: The City will be responsible to pay for the cost of electricity and maintenance. The estimated cost of electricity and maintenance for a traffic signal is $2,500 per year.

Project Number: 800-2014-06
JL Key: 1875
Object: 5650

Milliken Avenue Upgrade Left Turn Phases

Project Location:
Milliken Avenue at Millenium Court; and Milliken Avenue at Vintage Drive.



Est. Construction Start/End:
12/2016 – 2/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Jason Welday

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 on Milliken Avenue.

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

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$25,000	$5,000	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$86,000	$40,000	$0	$0	$0	$0	$126,000
Inspection & Administration	$5,000	$5,000	$0	$0	$0	$0	$10,000
Contingency	$9,000	$4,000	$0	$0	$0	$0	$13,000
Total Costs:	$125,000	$54,000	$0	$0	$0	$0	$179,000

Project Funding:

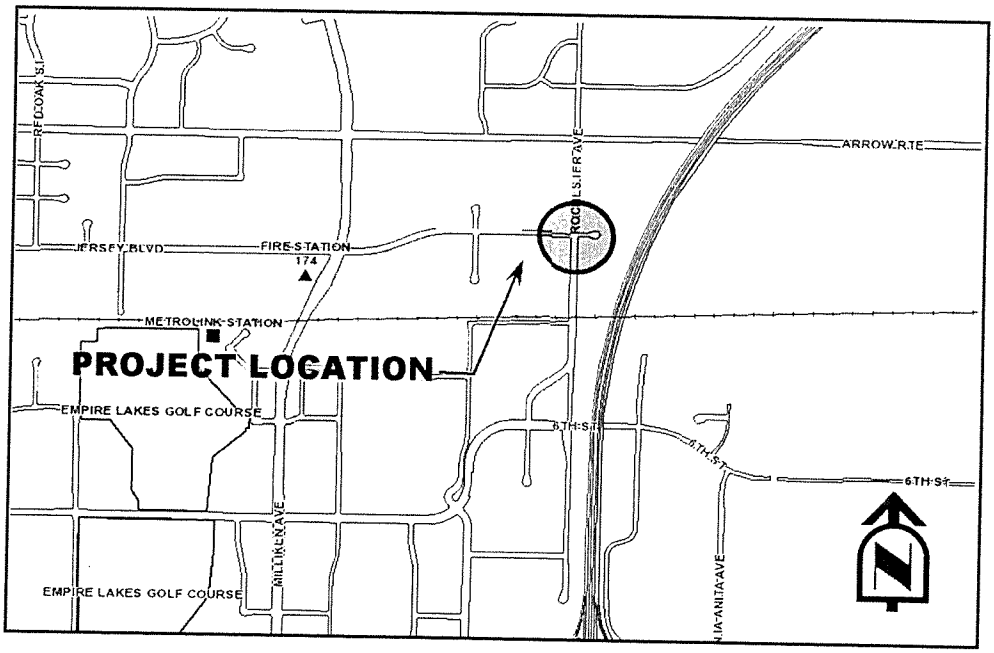
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$125,000	$54,000	$0	$0	$0	$0	$179,000
Total Costs:	$125,000	$54,000	$0	$0	$0	$0	$179,000

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

Project Number:
JL Key: 1941
Object: 5650

Rochester Avenue at Jersey Boulevard - Traffic Signal Installation

Project Location:
Rochester Avenue at Jersey Boulevard



Est. Construction Start/End:
3/2017 – 6/2017

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Jason Welday

Description: The scope of work to be performed in general consists of, but is not limited to, installation of traffic signals, fiber optic interconnect and related equipment at Rochester Avenue at Jersey Boulevard.

Justification: The installation of traffic signals will reduce traffic congestion.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$30,000	$0	$0	$0	$0	$30,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$250,000	$0	$0	$0	$0	$250,000
Inspection & Administration	$0	$10,000	$0	$0	$0	$0	$10,000
Contingency	$0	$25,000	$0	$0	$0	$0	$25,000
Total Costs:	$0	$315,000	$0	$0	$0	$0	$315,000

Project Funding:

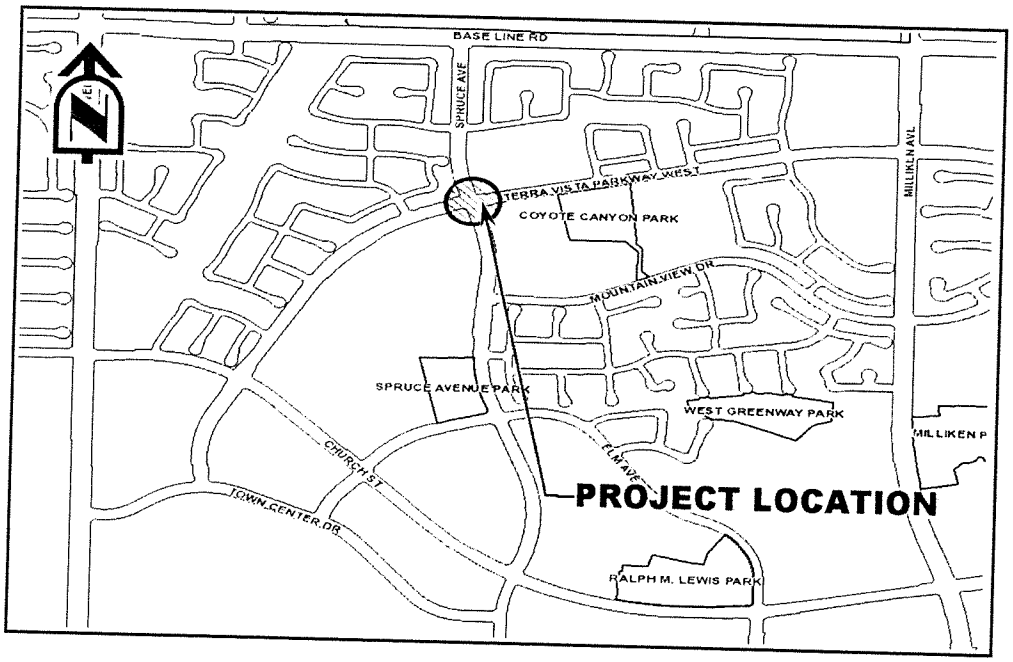
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation (124)	$0	$315,000	$0	$0	$0	$0	$315,000
Total Costs:	$0	$315,000	$0	$0	$0	$0	$315,000

Impact on Operations: The City will be responsible to pay for the cost of electricity and maintenance. The estimated cost of electricity and maintenance for a traffic signal is $2,500 per year.

Project Number: 800-2015-17
JL Key: 1902
Object: 5650

Terra Vista at Spruce - Safety Lighting Installation

Project Location:
Terra Vista Parkway at Spruce Avenue



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Jason Welday

Description: The scope of work to be performed in general consists of, but is not limited to, installing safety lighting at the existing all-way stop-controlled intersection.

Justification: The project will upgrade the lighting for vehicles and pedestrians by enhancing the visibility at the intersection.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$20,000	$0	$0	$0	$0	$20,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$100,000	$0	$0	$0	$100,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$10,000	$0	$0	$0	$10,000
Total Costs:	$0	$20,000	$110,000	$0	$0	$0	$130,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
SLD 4 (154)	$0	$20,000	$110,000	$0	$0	$0	$130,000
Total Costs:	$0	$20,000	$110,000	$0	$0	$0	$130,000

Impact on Operations: The project will increase the cost for electrical service, and maintenance to replace lamps will occur approximately every 5 years.

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 2016/17 budget for either of these reasons. Staff is actively pursuing grant or other fundraising opportunities for several of the projects in this section.

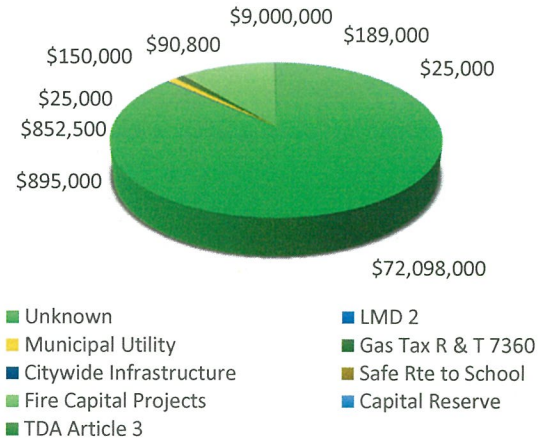
Project List & FY 2016-17 Expenditures

1	6th St @ BNSF Spur Crossing W/O Etiwanda Ave	$	16,953,000
2	9th St along north side w/o Vineyard Ave-Grade Separation	$	115,800
3	Archibald Ave from Church to Palo Alto-Storm Drain	$	1,215,000
4	Distribution System Automation-Switch to RCMU Service Area	$	250,000
5	Epicenter- Hardscape Prkg Lots B & C Planter Islands	$	66,000
6	Etiwanda Ave Grade Separation@ Metrolink Tracks	$	40,000,000
7	Etiwanda Ave Line Extension from Arrow-Foothill	$	602,500
8	Fire District-Central Station 178	$	9,000,000
9	Foothill Blvd: Grove Ave-San Bernardino Rd- Widening	$	4,630,000
10	Foothill Blvd: San Bernardino Rd-Vineyard Ave- Median Landscape	$	300,000
11	Haven Ave from Banyan to Wilson- Sidwalk Improvements	$	264,000
12	Haven Ave from Wilson to Vivienda-Community Trail	$	150,000
13	Hermosa Ave: Banyan-Wilson- Pavement Rehab	$	260,000
14	Hermosa Ave: Alta Loma Basin to Wilson-Storm Drain	$	2,245,000
15	Lemon Ave: Archibald to Haven- Pavement Rehab	$	560,000
16	Lemon Ave: Haven to 1,300" west- Storm Drain	$	1,700,000

Project List & FY 2016-17 Expenditures

17	LMD 2- Paseo Lighting Repair and Replace	$	150,000
18	Paul A. Biane Library- Second Floor Rancho KIDS Project	$	4,250,000
19	Rochester Ave & Arrow Rte n/e corner-Street Widening	$	414,000
20	Victoria Gardens Cultural Center-Loading Bay	$	200,000
		$	83,325,300

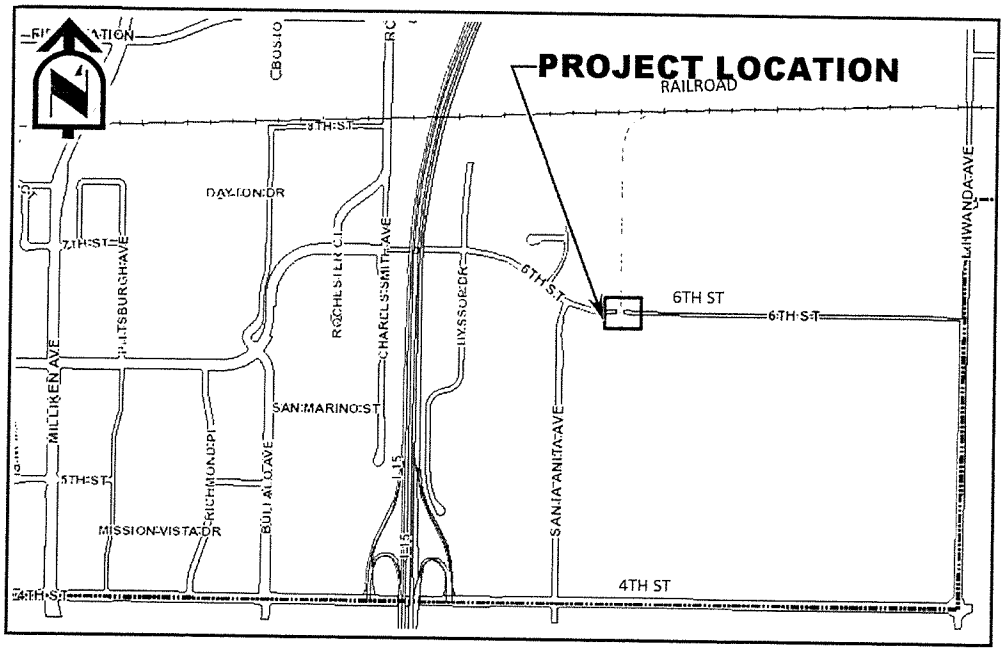
Sources of Funding for FY 2016-17



Project Number: 800-2015-18
JL Key: 1839
Object: 5650

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:
To be determined

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: Prepare preliminary design drawings and cost estimates for a grade crossing at 6th Street and the BNSF Railroad Spur.

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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$74,360	$0	$0	$0	$0	$960,000	$1,034,360
Right-of-Way	$0	$0	$0	$0	$0	$893,000	$893,000
Construction	$0	$0	$0	$0	$0	$12,100,000	$12,100,000
Inspection & Administration	$0	$0	$0	$0	$0	$1,200,000	$1,200,000
Contingency	$0	$0	$0	$0	$0	$1,800,000	$1,800,000
Total Costs:	$74,360	$0	$0	$0	$0	$16,953,000	$17,027,360

Project Funding:

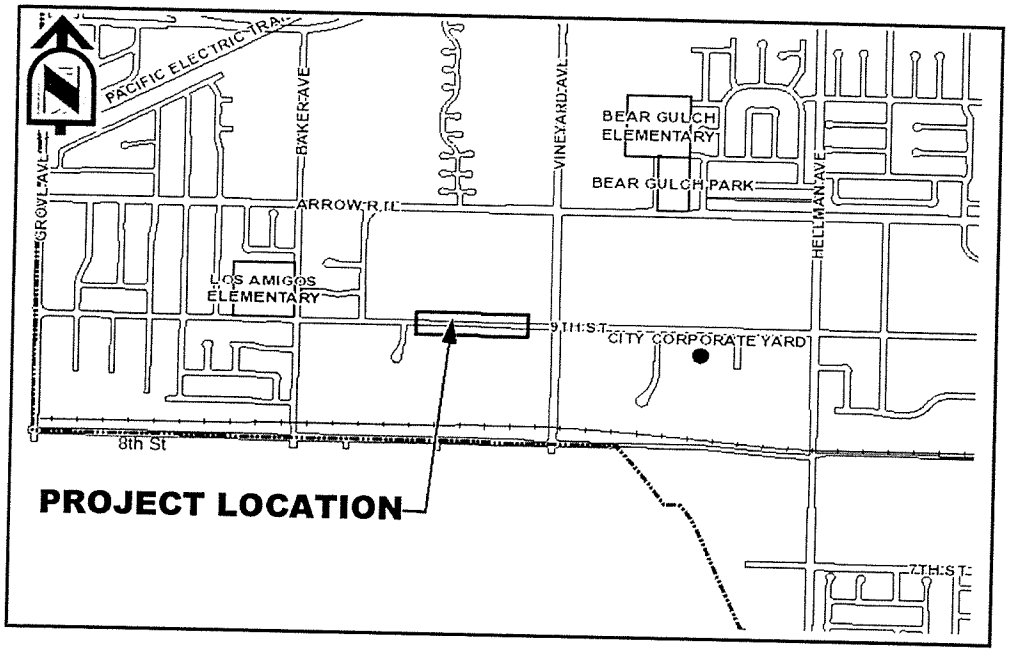
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Unknown	$0	$0	$0	$0	$0	$16,953,000	$16,953,000
Transportation Fund (124)	$74,360	$0	$0	$0	$0	$0	$74,360
Total Costs:	$74,360	$0	$0	$0	$0	$16,953,000	$17,027,360

Impact on Operations: None at this time.

Project Number: 800-2012-20
JL Key: 1808
Object: 5650

9th St, North side, West of Vineyard Ave - Sidewalk Improvements

Project Location:
9th St, North side, From 100 ft. west of Vineyard Ave. to 800 ft. west of Vineyard Ave.



Est. Construction Start/End:
01/2018 - 02/2018

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: Project to construct 700' of sidewalk on the north side of 9th St.

Justification: To provide students a safe and direct route walking to school. The poject goal is to reduce the need for bus services and its benefits are measured by student surveys taken before and after the project. The City was awarded a federal Safe Routes To School grant to fund 75% of the construction costs.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$103,000	$0	$0	$0	$103,000
Inspection & Administration	$0	$0	$2,300	$0	$0	$0	$2,300
Contingency	$0	$0	$10,500	$0	$0	$0	$10,500
Total Costs:	$7,850	$0	$115,800	$0	$0	$0	$123,650

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Citywide Infrastructure (198)	$7,850	$0	$25,000	$0	$0	$0	$32,850
Safe Route School Fund (234)	$0	$0	$90,800	$0	$0	$0	$90,800
Total Costs:	$7,850	$0	$115,800	$0	$0	$0	$123,650

Impact on Operations: Reduction in parkway maintenance costs

Project Number: 800-2012-14
JL Key: 1805
Object: 5650

Archibald Avenue from Church Street to Palo Alto Street - Storm Drain

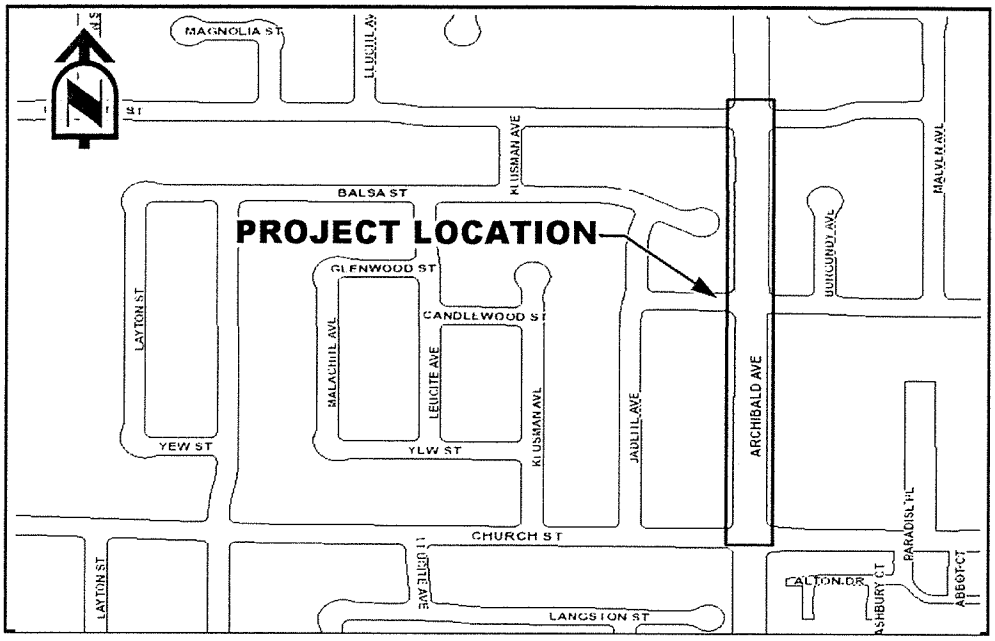
Project Location:
Archibald Avenue from Church Street to Palo Alto Street

Est. Construction Start/End:
To be determined

Project Status:
Design

Department:
Engineering

Project Manager:
Romeo David



Description: Construct a Master Planned Storm Drain, install catch basins, manholes, and laterals.

Justification: This project will improve drainage within the area.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
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	$1,000,000	$1,000,000
Inspection & Administration	$0	$0	$0	$0	$0	$80,000	$80,000
Contingency	$0	$0	$0	$0	$0	$100,000	$100,000
Total Costs:	$0	$0	$0	$0	$0	$1,215,000	$1,215,000

Project Funding:

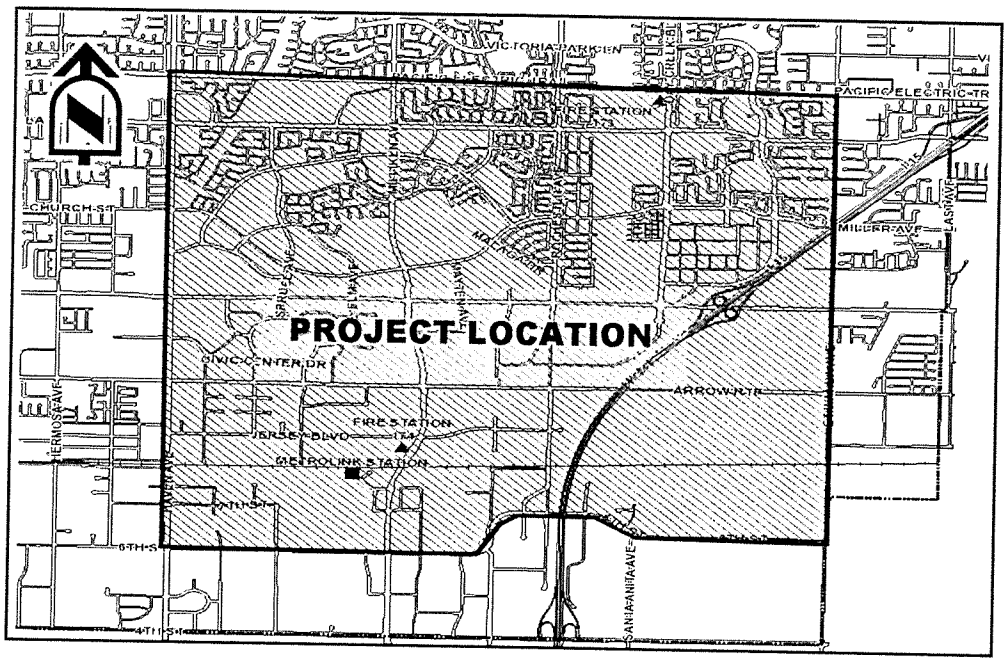
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Unknown	$0	$0	$0	$0	$0	$1,215,000	$1,215,000
Total Costs:	$0	$0	$0	$0	$0	$1,215,000	$1,215,000

Impact on Operations: Less routine maintenance, potholes, sand bags for storm water protection and storm water cleanup, thus freeing up maintenance crews to attend to other needed areas.

Project Number:
JL Key: 1916
Object: 5650

Distribution System Automation

Project Location:
Various key RCMU Switch locations in RCMU Service Area



Est. Construction Start/End:
TBD

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Fred Lyn

Description: Deployment of remotely and/or automatically controlled devices within RCMU's Distribution System.

Justification: Placement of automated equipment in key asset infrastructure within RCMU's distribution system would allow for improvement in system reliability and efficiency in quickly identifying outages. The ability to remotely monitor distribution system conditions and and possibly control switches would reduce customer outage duration and improve restoration time. A SCADA system with a communication network such as wireless or existing fiber optic will be required.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$100,000	$0	$0	$0	$100,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$100,000	$0	$0	$0	$100,000
Total Costs:	$0	$0	$250,000	$0	$0	$0	$250,000

Project Funding:

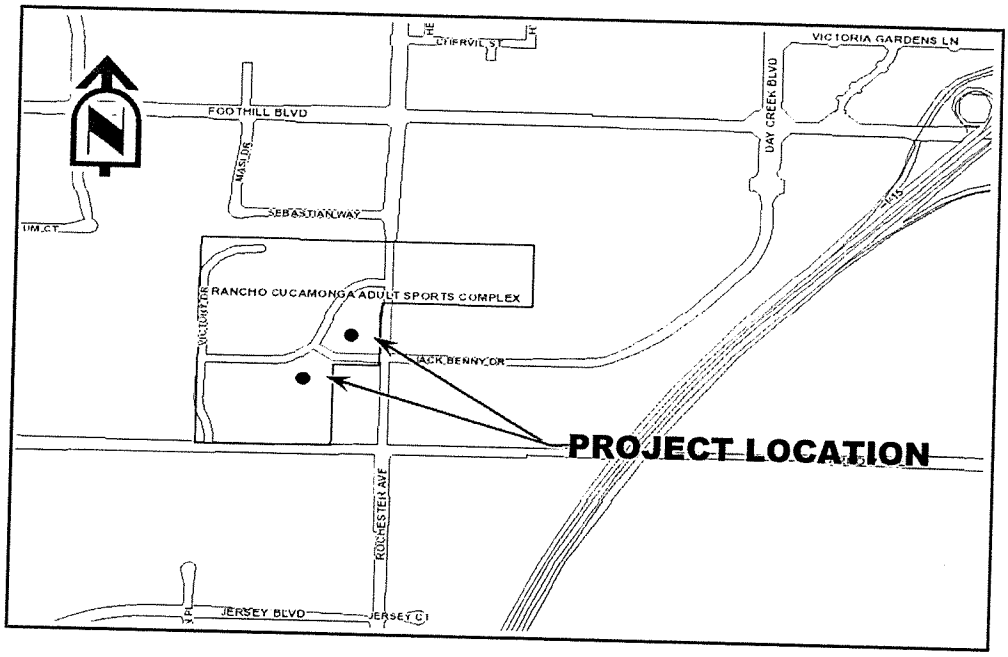
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$0	$0	$250,000	$0	$0	$0	$250,000
Total Costs:	$0	$0	$250,000	$0	$0	$0	$250,000

Impact on Operations: The increased reliability will provide better customer service in identifying potential outages and restoring power as quickly as possibly in RCMU's service area.

Project Number: 800-2016-22
JL Key:
Object: 5650

Epicenter - Hardscape Parking Lot B and C Planter Islands

Project Location:
Epicenter Parking Lots B and C



Est. Construction Start/End:
TBD

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings

Description: Replace landscaping at the planter islands parking lot with 60% decomposed granite and 40% rockscape in Lots B and C.

Justification: Solar Photovoltaic Sytems were installed at Parking Lots B and C in FY 15/16. This project will replace landscaped planter islands in parking lots with hardscaping that is compatible with the solar canopies.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$0	$0	$0	$0	$5,000	$5,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$56,000	$60,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$5,000	$5,000
Total Costs:	$0	$0	$0	$0	$0	$66,000	$70,000

Project Funding:

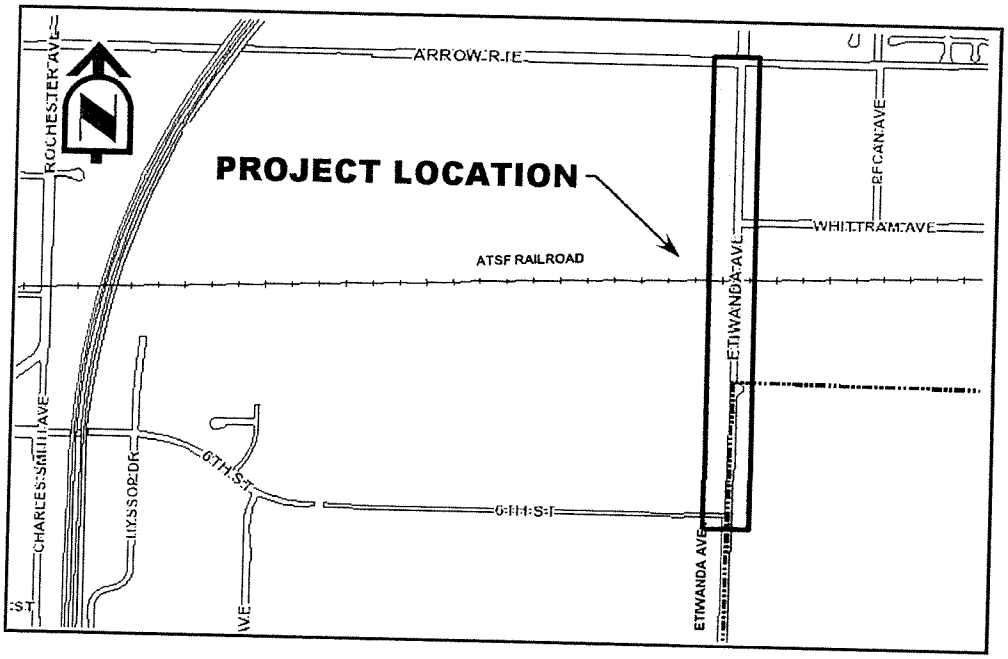
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
To be determined	$0	$0	$0	$0	$0	$66,000	$66,000
Total Costs:	$0	$0	$0	$0	$0	$66,000	$66,000

Impact on Operations: None

Project Number: 800-2015-25
JL Key: 1922
Object: 5650

Etiwanda Avenue - Grade Separation at Metrolink Tracks

Project Location:
Etiwanda Avenue from 6th Street to Arrow Route



Est. Construction Start/End:
To be determined

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: Prepare preliminary design drawings for a future grade separation on Etiwanda Avenue at the Metrolink Railroad Crossing south of Whitram Avenue.

Justification: This project will improve safety and traffic circulation on Etiwanda Avenue.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$337,000	$0	$0	$0	$0	$1,000,000	$1,337,000
Right-of-Way	$1,335,000	$0	$0	$0	$0	$3,500,000	$4,835,000
Construction	$0	$0	$0	$0	$0	$32,000,000	$32,000,000
Inspection & Administration	$0	$0	$0	$0	$0	$500,000	$500,000
Contingency	$0	$0	$0	$0	$0	$3,000,000	$3,000,000
Total Costs:	$1,672,000	$0	$0	$0	$0	$40,000,000	$41,672,000

Project Funding:

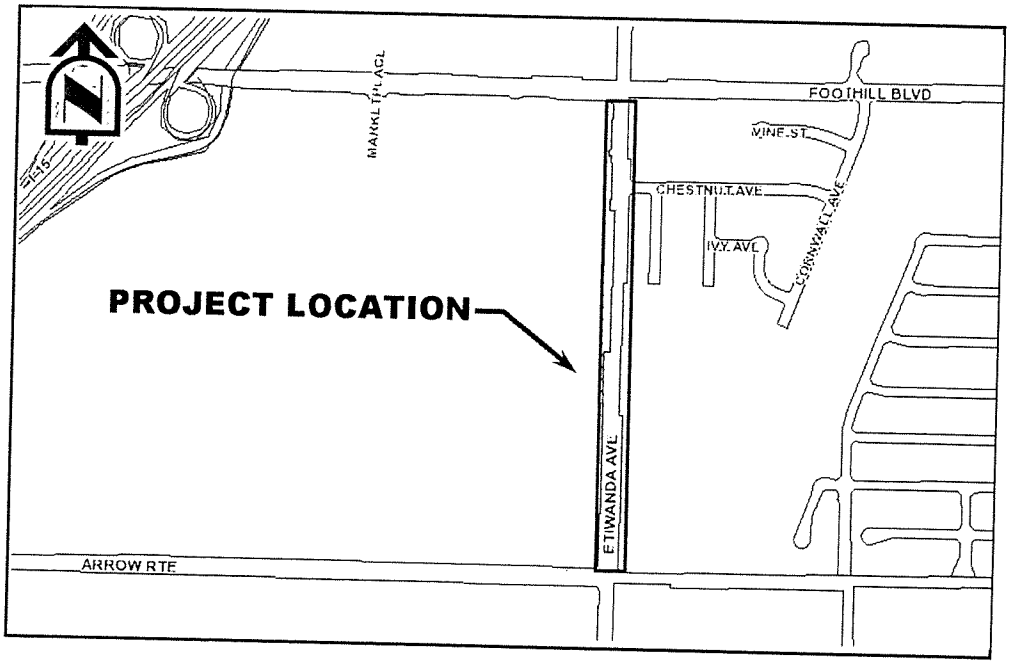
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Transportation Fund (124)	$337,000	$0	$0	$0	$0	$0	$337,000
Infrastructure Fund (198)	$1,335,000	$0	$0	$0	$0	$0	$1,335,000
Unknown	$0	$0	$0	$0	$0	$40,000,000	$40,000,000
Total Costs:	$1,672,000	$0	$0	$0	$0	$40,000,000	$41,672,000

Impact on Operations: Added maintenance costs for a new bridge will be determined during design phase.

Project Number:
JL Key: 1885
Object: 5650

Etiwanda Avenue - Line Extension

Project Location:
Etiwanda Avenue Electric Line Extension - from Arrow Route to Foothill Boulevard



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Fred Lyn

Description: Distribution Line Extension east of the I-15 freeway to service vacant parcels on the corner of Foothill Boulevard and Etiwanda Avenue with RCMU electricity.

Justification: Line extension is needed to extend power service on Etiwanda Avenue to service vacant parcels on the corner Etiwanda Avenue and Foothill Boulevard. The City paid SCE exit fees for the right to service any load associated with a newly constructed facility or undeveloped parcels that has never been interconnected with Edison; this falls under that category.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$0	$0	$0	$0	$2,500	$2,500
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$500,000	$500,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$100,000	$100,000
Total Costs:	$0	$0	$0	$0	$0	$602,500	$602,500

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Municipal Utility (Fund 705)	$0	$0	$0	$0	$0	$602,500	$602,500
Total Costs:	$0	$0	$0	$0	$0	$602,500	$602,500

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

Project Number:
JL Key: 1645
Object: 5650

Fire District - Central Station (178)

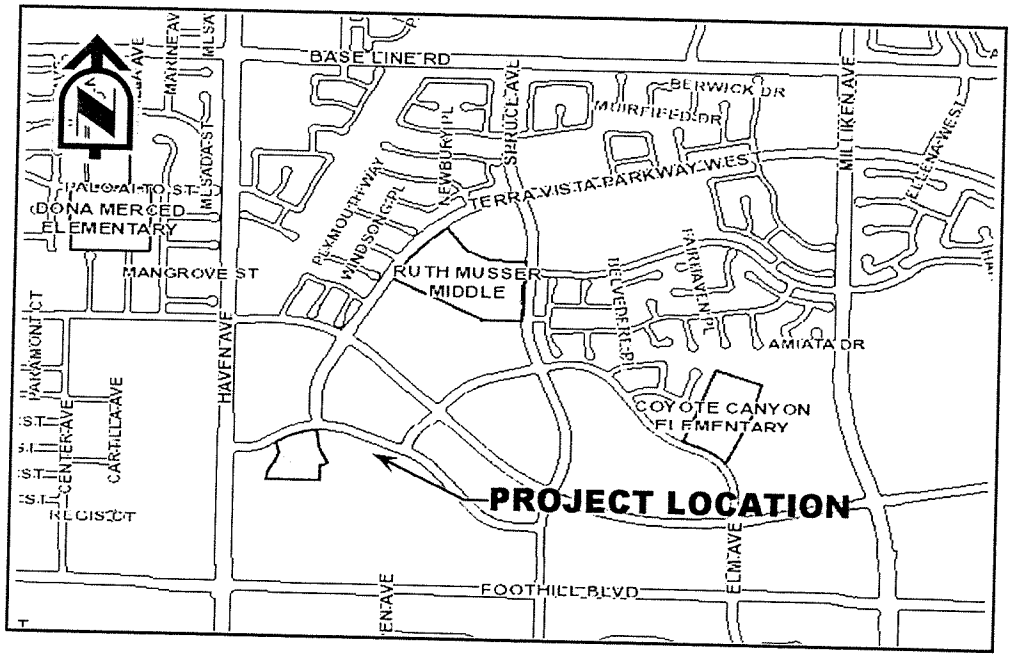
Project Location:
South Side of Town Drive, E/O Haven Avenue

Est. Construction Start/End:
Unknown

Project Status:
Negotiating Purchase and Sale of Property

Department:
Fire Protection District

Project Manager:
Chief Mike Costello/Pamela Pane



Description: Acquisition of property 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 be proposed to begin when the population and call volume trigger the need.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$0	$0	$0	$0	$1,000,000	$1,000,000
Land Acquisition	$3,320,000	$0	$0	$0	$0	$0	$3,320,000
Construction	$0	$0	$0	$0	$0	$8,000,000	$8,000,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$50,000	$0	$0	$0	$0	$0	$50,000
Total Costs:	$3,370,000	$0	$0	$0	$0	$9,000,000	$12,370,000

Project Funding:

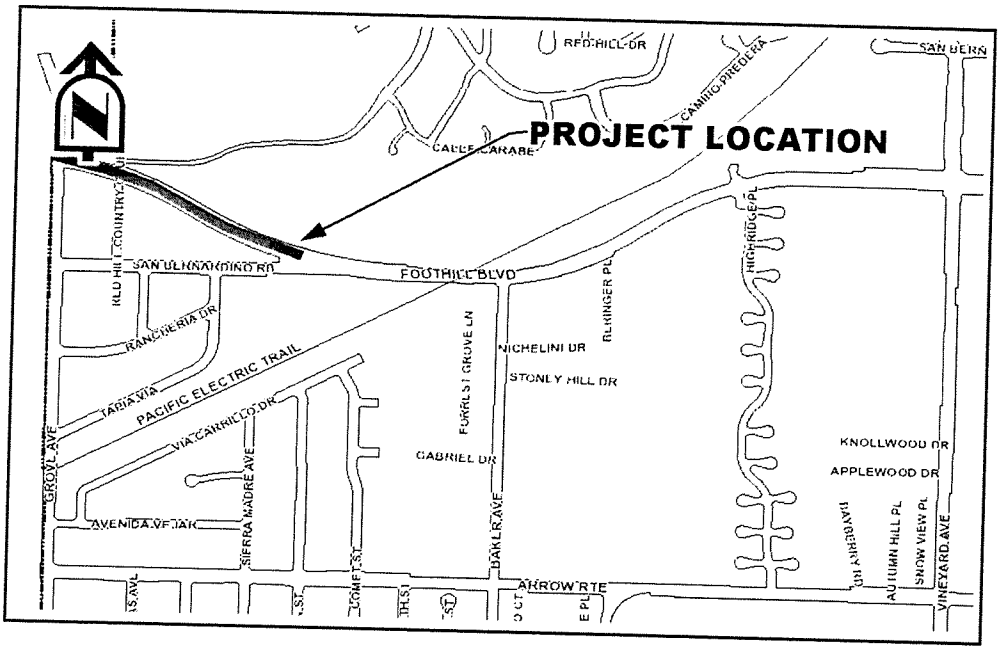
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Fire Capital Projects (288)	$3,370,000	$0	$0	$0	$0	$9,000,000	$12,370,000
Total Costs:	$3,370,000	$0	$0	$0	$0	$9,000,000	$12,370,000

Impact on Operations: Annual station operations 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. Capital equipment purchase of an engine.

Project Number:
JL Key: 1189
Object: 5650

Foothill Boulevard from Grove Avenue to San Bernardino Road - Widening with Median Island including Landscaped Median to Vineyard Avenue

Project Location:
Foothill Boulevard from Grove Avenue to San Bernardino Road, including landscaped median to Vineyard Avenue



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: This project is the last phase of the multi phased Foothill Boulevard street and bridge improvements and includes right-of-way acquisition, utility relocation, street widening, storm drain and landscape improvements.

Justification: This project will provide increased traffic and pedestrian circulation including safety and visual enhancements. The project is identified in the City's General Plan and the Foothill Boulevard Specific Plan.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$3,096,000	$0	$0	$0	$0	$30,000	$3,126,000
Right-of-Way	$713,000	$0	$0	$0	$0	$141,000	$854,000
Construction	$9,884,000	$0	$0	$0	$0	$4,059,000	$13,943,000
Inspection & Administration	$613,000	$0	$0	$0	$0	$0	$613,000
Contingency	$1,289,000	$0	$0	$0	$0	$400,000	$1,689,000
Total Costs:	$15,595,000	$0	$0	$0	$0	$4,630,000	$20,225,000

Project Funding:

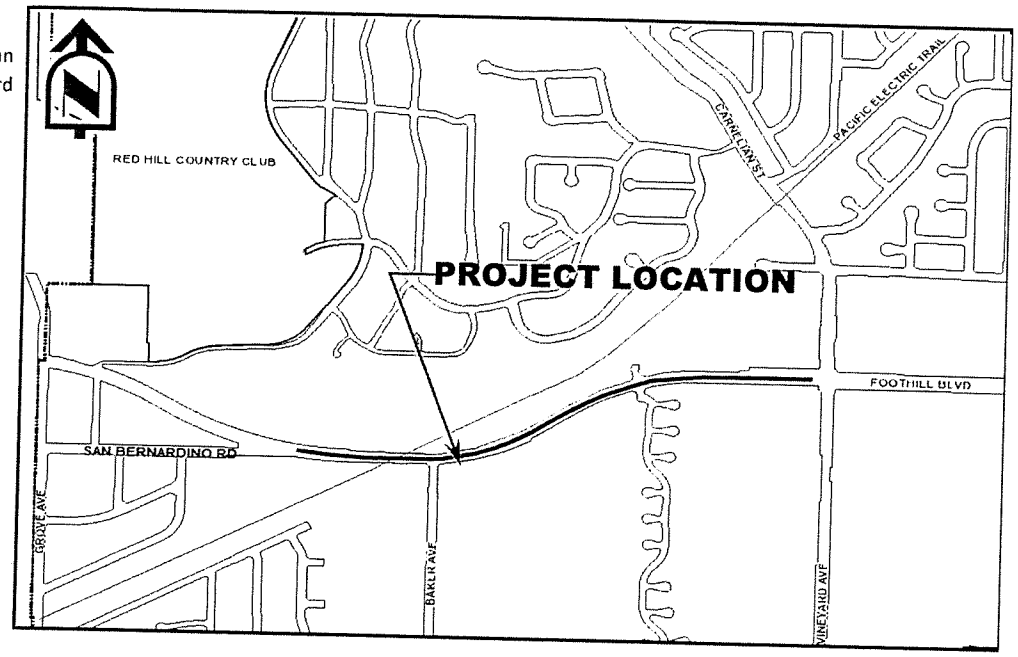
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
RDA - 2001 TAB (650)	$3,504,000	$0	$0	$0	$0	$0	$3,504,000
RDA - 2004 TAB (660)	$11,684,000	$0	$0	$0	$0	$0	$11,684,000
Transportation Fund (124)	$407,000	$0	$0	$0	$0	$0	$407,000
Unknown	$0	$0	$0	$0	$0	$4,630,000	$4,630,000
Total Costs:	$15,595,000	$0	$0	$0	$0	$4,630,000	$20,225,000

Impact on Operations: This project adds one mile of additional landscape maintenance costs along Foothill Boulevard, as well as some additional street lights into SLD 1.

Project Number: 800-2015-03
JL Key: 1908
Object: 5650

Foothill Boulevard from San Bernardino Road to Vineyard Avenue - Median Landscape

Project Location:
Foothill Boulevard from San Bernardino Road to Vineyard Avenue



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: Install median landscape improvements consistant with the Foothill Boulevard Specific Plan, from San Bernardino Road to Vineyard Avenue.

Justification: Improvements to the unimproved median will beautify as well as reduce weed abatement and dust control.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	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	$0	$0	$0	$0	$0	$265,000	$265,000
Inspection & Administration	$0	$0	$0	$0	$0	$10,000	$10,000
Contingency	$0	$0	$0	$0	$0	$25,000	$25,000
Total Costs:	$0	$0	$0	$0	$0	$300,000	$300,000

Project Funding:

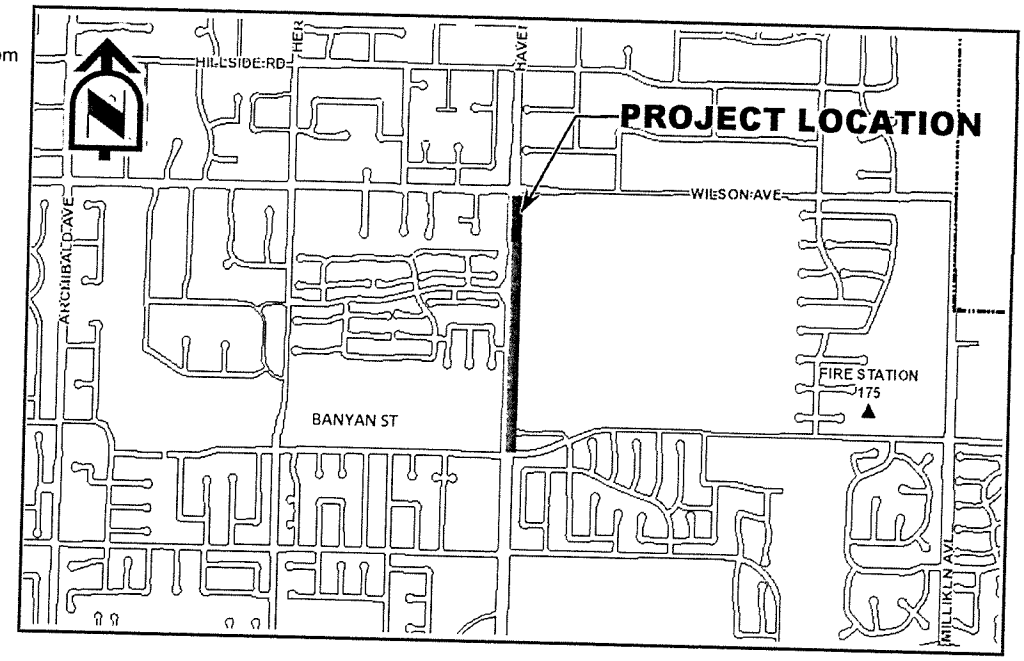
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Unknown	$0	$0	$0	$0	$0	$300,000	$300,000
Total Costs:	$0	$0	$0	$0	$0	$300,000	$300,000

Impact on Operations: Cost savings from reduced weed abatement, however, this stretch will add water costs, along with routine maintenance of the median.

Project Number: 800-2013-32
JL Key: 1864
Object: 5650

Haven Avenue from Banyan Street to Wilson Avenue along the East side - Sidewalk

Project Location:
East side of Haven Avenue from Banyan Street to Wilson Avenue



Est. Construction Start/End:
01/2017 - 03/2017

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: The proposed sidewalk along east side of Haven Avenue will fill a gap where sidewalks are missing and provide improved ADA access to Chaffey College.

Justification: This project is part of the City Master Plan. The improvements will improve pedestrian circulation and ADA compliance.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$3,950	$0	$0	$0	$0	$0	$3,950
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$230,000	$0	$0	$0	$230,000
Inspection & Administration	$0	$0	$11,000	$0	$0	$0	$11,000
Contingency	$0	$0	$23,000	$0	$0	$0	$23,000
Total Costs:	$3,950	$0	$264,000	$0	$0	$0	$267,950

Project Funding:

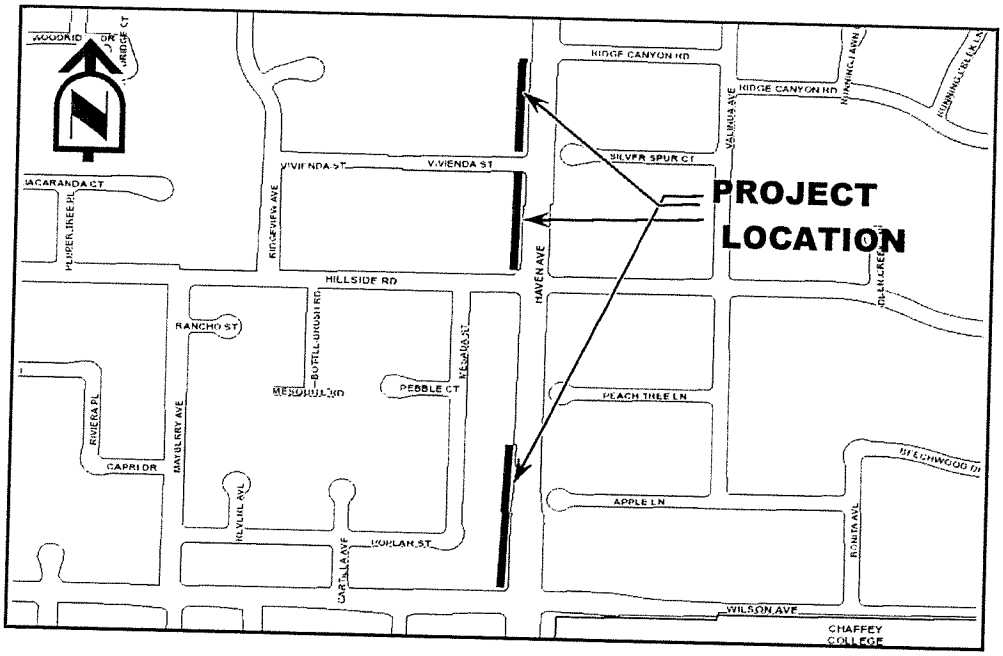
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax R&T 7360 Fund (174)	$3,950	$0	$75,000	$0	$0	$0	$78,950
Ped Grant/Art3 Fund (214)	$0	$0	$189,000	$0	$0	$0	$189,000
Total Costs:	$3,950	$0	$264,000	$0	$0	$0	$267,950

Impact on Operations: None.

Project Number: 800-2016-08
JL Key: 1829
Object: 5650

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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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
Total Costs:	$0	$0	$0	$0	$0	$150,000	$150,000

Project Funding:

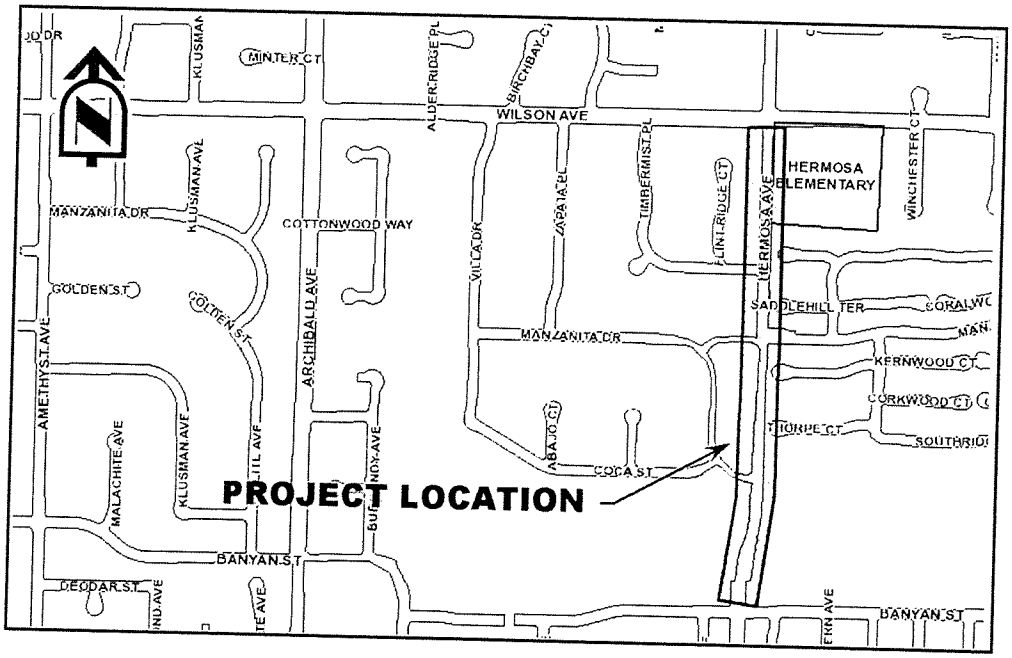
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Unknown	$0	$0	$0	$0	$0	$150,000	$150,000
Total Costs:	$0	$0	$0	$0	$0	$150,000	$150,000

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.

Project Number: 800-2012-29
JL Key: 1815
Object: 5650

Hermosa Avenue from Banyan Street to Wilson Avenue - Pavement Rehabilitation

Project Location:
Hermosa Avenue from Banyan Street to Wilson Avenue



Est. Construction Start/End:
08/2018 - 10/2018

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: This project involves cold planning and localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, traffic signal loop replacement, 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$10,000	$0	$10,000	$0	$0	$0	$20,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$220,000	$0	$0	$0	$220,000
Inspection & Administration	$0	$0	$10,000	$0	$0	$0	$10,000
Contingency	$0	$0	$20,000	$0	$0	$0	$20,000
Total Costs:	$10,000	$0	$260,000	$0	$0	$0	$270,000

Project Funding:

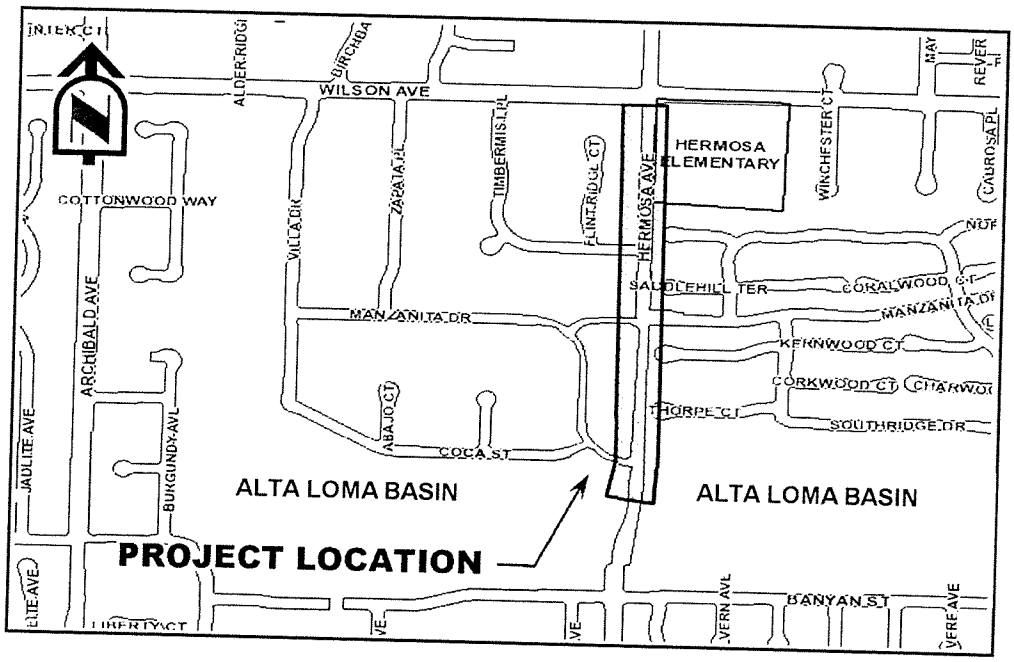
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Gas Tax RT7360 (174)	$10,000	$0	$260,000	$0	$0	$0	$270,000
Total Costs:	$10,000	$0	$260,000	$0	$0	$0	$270,000

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: 800-2012-28
JL Key: 1810
Object: 5650

Hermosa Avenue from the Alta Loma Basin to Wilson Avenue - Storm Drain Improvements

Project Location:
Hermosa Avenue from the Alta Loma Basin to Wilson Avenue



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: Construct a master planned storm drain, install mainline, catch basins and manholes. The entire street from the Alta Basin to Wilson Avenue will be resurfaced upon completion (see Hermosa rehabilitation project JL 1815).

Justification: This project will improve drainage and extend pavement life, use, and rideability. Also, during rain events it will provide improved pedestrian access to the Hermosa Intermediate School at Wilson Avenue and Hermosa Avenue.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$0	$0	$0	$2,000,000	$2,000,000
Inspection & Administration	$0	$0	$0	$0	$0	$45,000	$45,000
Contingency	$0	$0	$0	$0	$0	$200,000	$200,000
Total Costs:	$10,000	$0	$0	$0	$0	$2,245,000	$2,255,000

Project Funding:

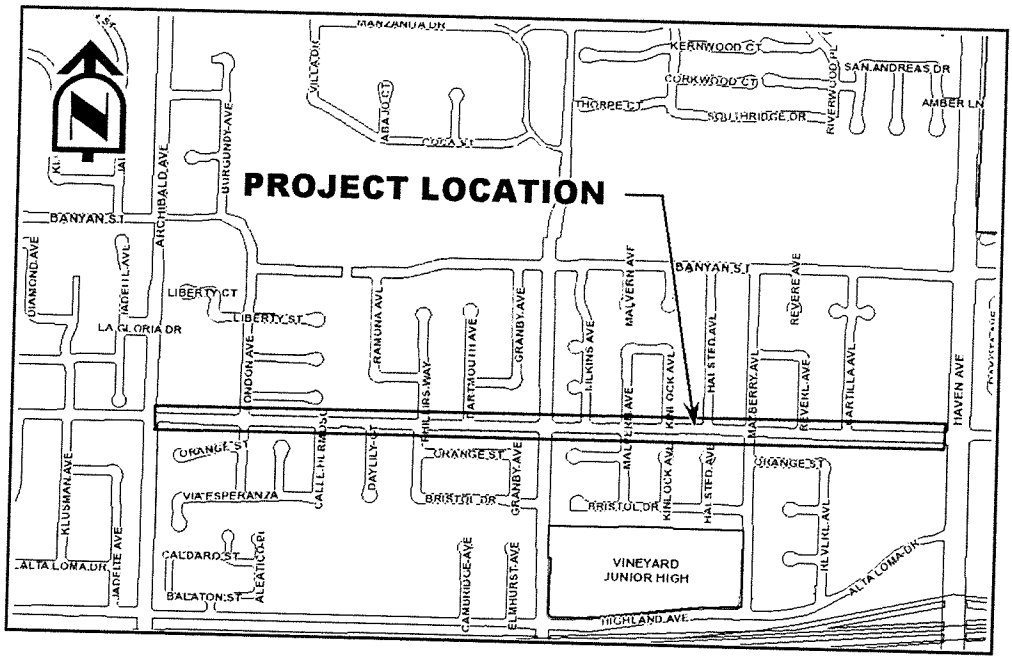
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Drainage General Fund (112)	$10,000	$0	$0	$0	$0	$0	$10,000
Unknown	$0	$0	$0	$0	$0	$2,245,000	$2,245,000
Total Costs:	$10,000	$0	$0	$0	$0	$2,245,000	$2,255,000

Impact on Operations: Elimination of storm water protection costs for placing sand bags and cleanup, and a reduction of street repair maintenace costs for pothole and crack repairs, thus freeing up maintenance crews for other areas.

Project Number: 800-2012-24
JL Key: 1793
Object: 5650

Lemon Avenue from Archibald Avenue to Haven Avenue - Pavement Rehabilitation

Project Location:
Lemon Avenue from Archibald Avenue to Haven Avenue



Est. Construction Start/End:
08/2018 - 10/2018

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings

Description: This project involves cold planning and localized asphalt removal and replacement, crack sealing, asphalt pavement overlay, traffic signal loop replacement, 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$500,000	$0	$0	$0	$500,000
Inspection & Administration	$0	$0	$10,000	$0	$0	$0	$10,000
Contingency	$0	$0	$50,000	$0	$0	$0	$50,000
Total Costs:	$10,000	$0	$560,000	$0	$0	$0	$570,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Prop 42 Fund (190)	$10,000	$0	$0	$0	$0	$0	$10,000
Gas Tax R&T 7360 Fund (174)	$0	$0	$560,000	$0	$0	$0	$560,000
Total Costs:	$10,000	$0	$560,000	$0	$0	$0	$570,000

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: 800-2011-08
JL Key: 1791
Object: 5650

Lemon Avenue from Haven Avenue to 1,300 feet west - Storm Drain Improvements

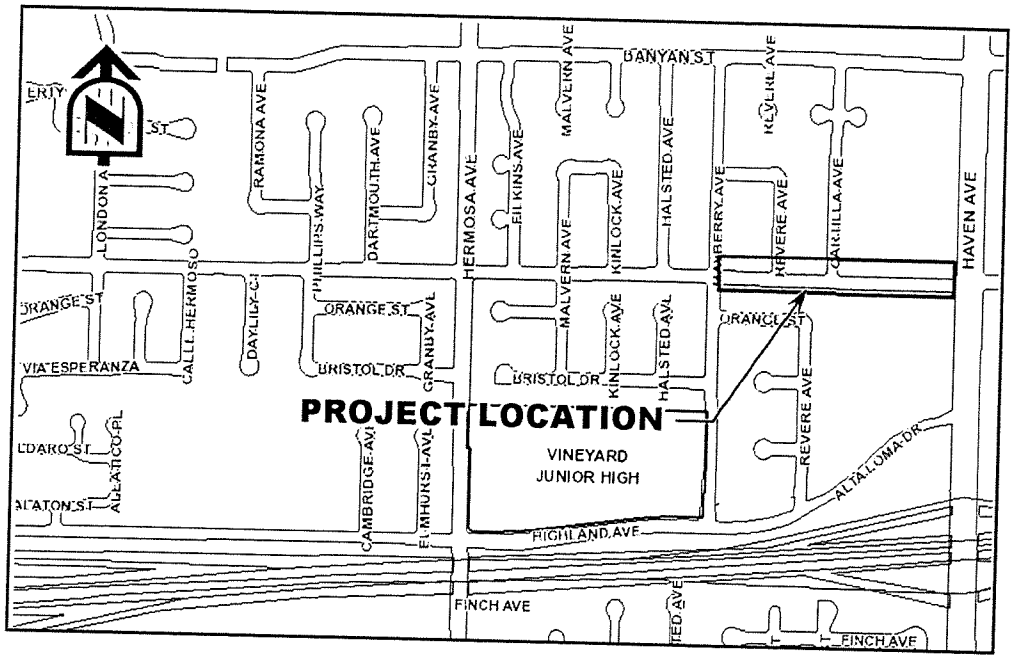
Project Location:
Lemon Avenue from Haven Avenue to 1300 feet west.

Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Engineering

Project Manager:
Curt Billings



Description: Construct a master planned storm drain, install mainline, catch basins and manholes. The entire street from Archibald Avenue to Haven Avenue will be resurfaced upon completion (see Lemon rehabilitation project JL 1793).

Justification: This project will improve drainage and extend pavement life, use and rideability. Also, during rain events it will provide improved pedestrian access.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$0	$0	$0	$1,520,000	$1,520,000
Inspection & Administration	$0	$0	$0	$0	$0	$10,000	$10,000
Contingency	$0	$0	$0	$0	$0	$170,000	$170,000
Total Costs:	$2,000	$0	$0	$0	$0	$1,700,000	$1,702,000

Project Funding:

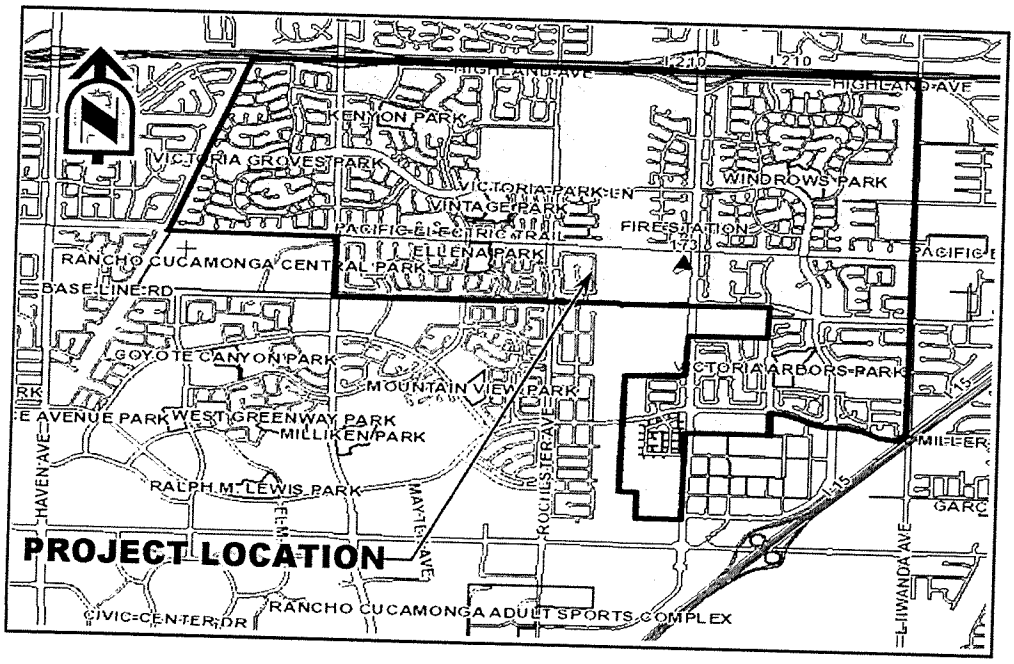
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Drainage General Fund (112)	$2,000	$0	$0	$0	$0	$0	$2,000
Unknown	$0	$0	$0	$0	$0	$1,700,000	$1,700,000
Total Costs:	$2,000	$0	$0	$0	$0	$1,700,000	$1,702,000

Impact on Operations: Elimination of storm water protection costs for placing sand bags and cleanup, and a reduction of street repair maintenace costs for pothole and crack repairs, thus freeing up maintenance crews for other areas.

Project Number:
JL Key: 1716
Object: 5650

LMD 2 - Paseo Lighting Repair & Replace

Project Location:
LMD 2 (Victoria) Area



Est. Construction Start/End:
TBD

Project Status:
Design

Department:
Public Works Services

Project Manager:
Dean Rodia

Description: This project will repair, replace and upgrade paseo lighting within LMD 2. The project will be sites VW2, VW6 and VW7.

Justification: The decline of Paseo lighting is a hazard to public safety.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
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	$0	$0	$0	$0	$135,000	$135,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$15,000	$15,000
Total Costs:	$10,000	$0	$0	$0	$0	$150,000	$160,000

Project Funding:

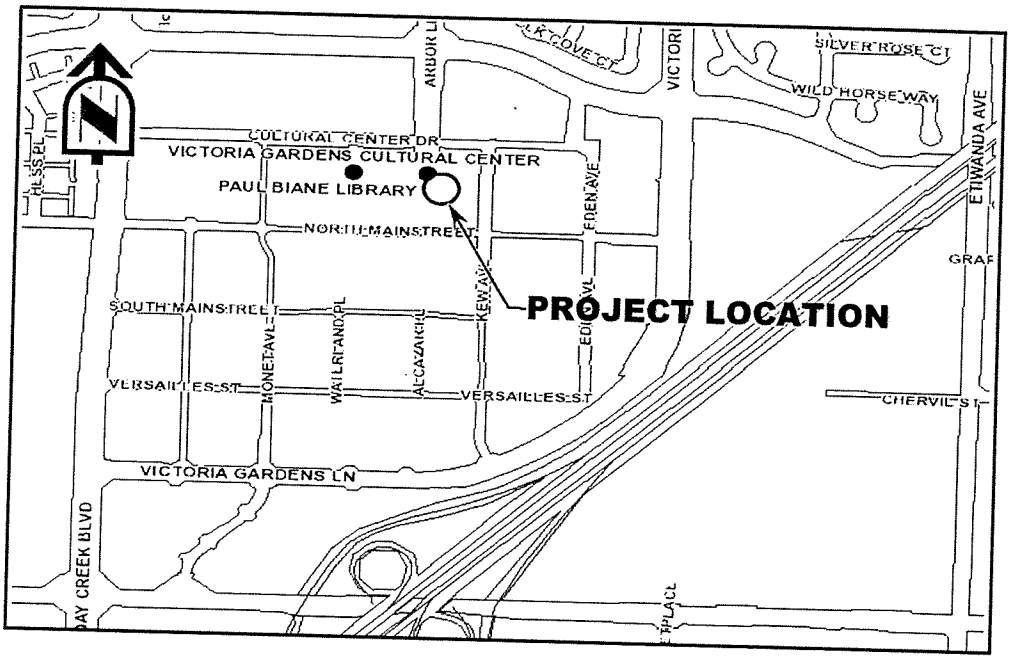
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
LMD 2 Victoria (131)	$10,000	$0	$0	$0	$0	$150,000	$160,000
Total Costs:	$10,000	$0	$0	$0	$0	$150,000	$160,000

Impact on Operations: When completed, this project will have a positive impact upon ongoing operations by lessening the failure rate of light poles thereby increasing the maintenance intervals and allowing staff time to be utilized elsewhere. The use of LEDs will cut current electric consumption by half.

Project Number:
JL Key: 1867
Object: 5650

Paul A. Biane Library- Second Floor Rancho KIDS Project

Project Location:
12505 Cultural Center Drive



Est. Construction Start/End:
11/2015-10/2016

Project Status:
construction in progress

Department:
Library

Project Manager:
Brian Sternberg

Description: Rancho KIDS is a project that will build out the second floor of the Paul A. Biane Library at Victoria Gardens. Rancho KIDS is envisioned as an interactive children's museum combined with traditional library services to create a new type of learning experience. Design and cost estimates of the second floor has been established as a City Council goal for FY 2014-15.

Justification: Demand for library services in the community continues to increase, particularly for the ages 0-7. Rancho KIDS 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. Rancho KIDS 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 ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$250,000	$0	$0	$0	$0	$750,000	$1,000,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$2,400,000	$0	$0	$0	$0	$3,500,000	$5,900,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$2,650,000	$0	$0	$0	$0	$4,250,000	$6,900,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Library Capital Fund (329)	$2,650,000	$0	$0	$0	$0	$0	$2,650,000
Unknown	$0	$0	$0	$0	$0	$4,250,000	$4,250,000
Total Costs:	$2,650,000	$0	$0	$0	$0	$4,250,000	$6,900,000

Impact on Operations: Feasibility study projects an approximate $300,000 per year cost for operations and maintenance. (The project is designed to be revenue-generating.)

Project Number: 800-2016-18
JL Key:
Object: 5650

Rochester Avenue and Arrow Route, North East Corner - Street Widening and Sidewalk

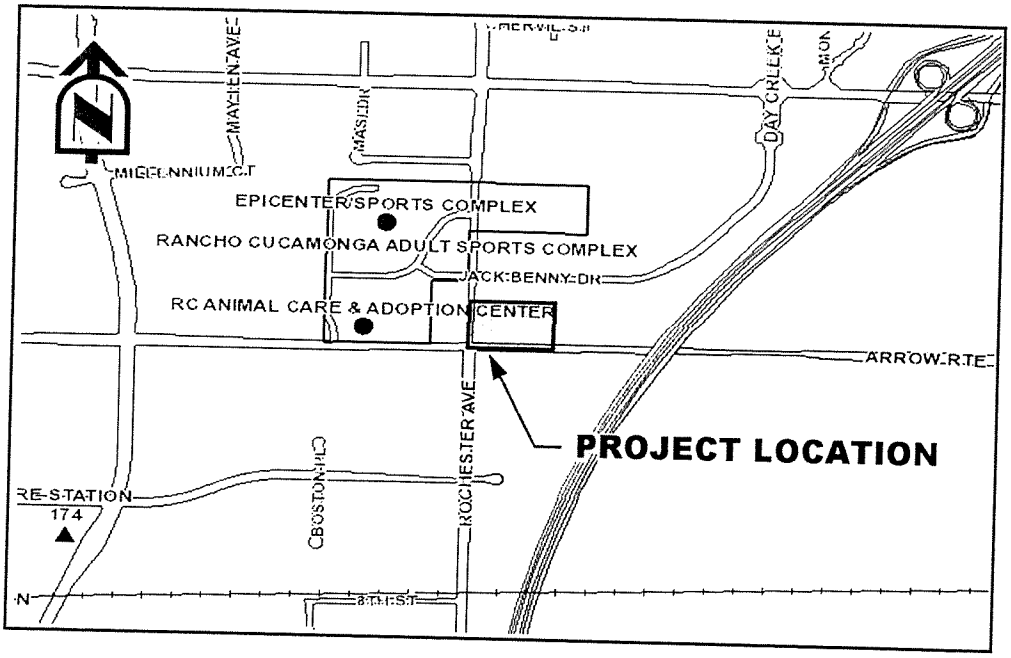
Project Location:
Rochester Ave and Arrow Rte, North East Corner - Street Widening and Sidewalk Improvements

Est. Construction Start/End:
TBD

Project Status:
Design/Construction

Department:
Engineering

Project Manager:
Curt Billings



Description: This project will install 500 linear feet of street widening aimprovements, relocate 2 utility poles, underground utilites, install street lighting, and upgrade a traffic signal with video detection.

Justification: The sidewalk and widening improvements will improve pedestrian and vehicle circulation.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$2,000	$2,000
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	$238,000	$238,000
Inspection & Administration	$0	$0	$0	$0	$0	$150,000	$150,000
Contingency	$0	$0	$0	$0	$0	$24,000	$24,000
Total Costs:	$0	$0	$0	$0	$0	$414,000	$414,000

Project Funding:

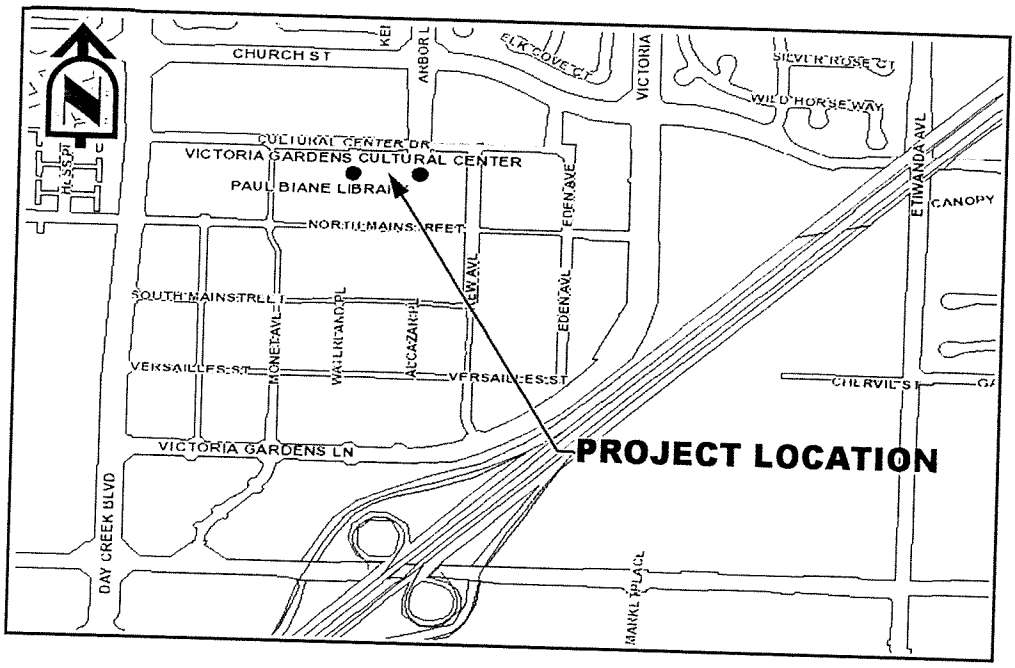
Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Unknown	$0	$0	$0	$0	$0	$414,000	$414,000
Total Costs:	$0	$0	$0	$0	$0	$414,000	$414,000

Impact on Operations: This project will reduce maintenance and weed abatement costs and increase lighting costs.

Project Number:
JL Key: 1895
Object: 5650

Victoria Gardens 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:
Nettie Nielsen

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

Justification: Project will provide covered area for theater construction projects.

Project Cost Estimate ($):

Expenditure/Category	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Environmental/NPDES	$0	$0	$0	$0	$0	$0	$0
Design/Plan Review	$0	$0	$25,000	$0	$0	$0	$25,000
Right-of-Way	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$150,000	$0	$0	$0	$150,000
Inspection & Administration	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$175,000	$0	$0	$0	$175,000

Project Funding:

Funding Source	Prior Years	2016/17	2017/18	2018/19	2019/20	TBD	TOTAL
Capital Reserve (025)	$0	$0	$25,000	$0	$0	$0	$25,000
Unknown	$0	$0	$175,000	$0	$0	$0	$175,000
Total Costs:	$0	$0	$200,000	$0	$0	$0	$200,000

Impact on Operations: Improvements will require maintenance of the structure and added light fixtures, as well as minimal electric cost for light useage.

General Plan Policies

Fiscal Year 2016/2017
Capital Improvement Program

BEAUTIFICATION

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-3.11	●		**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.**				
			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	●		**Continue to require that the siting and architectural design of new development promote safety, pedestrian-friendly design, and access to transit facilities.**				
			Develop standards to be applied to development projects along transit corridors that require transit and pedestrian accessibility.	PL	ENG	I	4
CM-3.13		●	**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.**				
			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	●		**Enhance pedestrian and bicycle access to local and regional transit, including facilitating connections to transit.**				
			Same action as identified for CM-3.7.	ENG	PL	I	4
CM-3.15		●	**Coordinate the provision of the non-motorized networks (bicycle and pedestrian) with adjacent jurisdictions to maximize sub-regional connectivity.**				
			Same action as identified for CM-3.7.	ENG	PL	A, E, F	4
CM-3.16		●	**Establish fixed-route local circulator bus service connecting major activity centers.**				
			Explore development of a fixed-route local circulator bus system, station location, and funding mechanisms.	ENG	PL	A, E, H	5
CM-4.1		●	**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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.**				

DRAINAGE

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.**				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	**Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.**				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	**Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.**				
			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	●		**Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.**				
			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	●		**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.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			Explore the Feasibility of Extending Local Transit Service Explore the possibility of extending to adjacent jurisdictions in cooperation with such jurisdictions who could also participate in funding, if beneficial to the City. **Work with Regional Transit Operators (Omnitrans)** Develop the optimum coordination and integration of bus transit services between the local City circulator system and the regional service.				
CM-3.4		●	**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.**				
			Same action as identified for CM-3.1.	ENG	PL	A	4
CM-3.5		●	**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.**				
			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	●		**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.**				
			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	●	●	**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			Implement the Bicycle Plan pursuant to Figure CM-6. Update the City's Bicycle Circulation Plan in a format suitable for obtaining public funding. 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. Update the City's Trails Implementation Plan to maintain consistency with the General Plan. Review City ordinances to ensure that an adequate mechanism exists to manage the use of trails only by authorized categories of users. 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.	ENG	PL	A, D, E, F, I	4
CM-3.8	●	●	**Continue to encourage the provision of bicycle facilities, such as bicycle lockers and secure bike parking, throughout the City.**				
			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. Encourage/require the provision of bicycle lockers and secure bike parking for major development projects, as defined in the Development Code. 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.	PL	ENG	A, D, E, F, H	4
CM-3.9		●	**Identify and implement a dedicated funding source for implementation and completion of the Bicycle Network as identified in the Bicycle Plan.**				
			Same action as identified for CM-3.7.	ENG		E, F	4
CM-3.10	●		**Continue to complete the installation of sidewalks and require new development to provide sidewalks.**				
			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

FACILITIES

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
ED-2.3		●	**Expand recreation and cultural attractions to enhance tourism/visitor potential and to boost sales and transient occupancy tax.**				
			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		●	**Expand lodging choices in the City through the recruitment and placement of full-service hotels that will complement the existing select-service hotel portfolio.**				
			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	●	●	**Continue to make public safety a priority.**				
			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		●	**Provide community and cultural amenities.**				
			Same action as identified for ED-2.3.	CS	CM, RD	A	4
ED-3.3	●		**Maintain a healthy fiscal balance.**				
			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	●	●	**Improve internal circulation for all modes of transportation, consistent with the concept of "Complete Streets".**				
			Same action as identified for LU-3.1 to 3.8.	ENG	PL	A, G, K	4
ED-3.5		●	**Facilitate development of additional local and regional entertainment venues.**				
			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		●	**Leverage the City's quality of life amenities to attract more knowledge-based workers.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
RC-8.7	●	●	**Support protection of natural habitat areas for ecological, educational, and other scientific study purposes.**				
			Same action as identified for RC-8.3.	PL	ENG	A, I	4
PF-1.1	●		**Continue to implement high-quality standards for new public facilities and improvements to existing buildings.**				
			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	●		**Promote community facilities as focal points for gatherings, events, and celebrations.**				
			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		●	**Locate new community facilities in neighborhoods and centers where they will serve populations with the greatest needs.**				
			Review and assess the needs for the location of community facilities as neighborhoods evolve.	CS	ENG, PL	A	6
PF-1.4	●	●	**Maintain public facilities and optimize their usefulness during their lifespan.**				
			Continue with proper maintenance programming and funding levels for existing public facilities.	PW	CS, LIB, AC	A, B, C	4
PF-1.5	●	●	**Continue to incorporate low-maintenance features into public facilities consistent with the City's sustainability plan.**				
			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	●		**Maintain multi-functional, flexible, and complementary space at community facilities.**				
			Same action as identified for PF-1.2.	CS	PW	A, B, C	3
PF-1.7		●	**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.**				
			Same action as identified for CS-2.5.	CS		A	4
PF-2.1	●	●	**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.**				
			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

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-1.1		●	**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.**				
			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. ▪ Work with Caltrans and SANBAG to implement a new freeway interchange at 1-15 and Arrow Highway. ▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard. ▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue. ▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue. ▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek. ▪ Complete Wilson Avenue from East Avenue to Wardman Bullock. ▪ Improve the Base Line Road at I-15 Freeway Interchange. ▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.	ENG		A, D, I	7
CM-1.2		●	**Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.**				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	**Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).**				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	**Provide access for seniors and those with physical disabilities in all elements of the transportation system.**				
			Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services. Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.	ENG	CS	A, E. F, H, I	4

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-1.5	●		**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.**				
			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	●		**Pursue a railroad grade separation at Etiwanda Avenue and the BNSF Railway line.**				
			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	●	●	**Facilitate bicycling and walking citywide.**				
			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	●		**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.**				
			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		●	**Support the use of hybrid, electric, and low/zero emission vehicles.**				
			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		●	**Replace City vehicles with energy-efficient and alternative fuel source models when replacing vehicles or adding to the City's fleet.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			Explore the Feasibility of Extending Local Transit Service Explore the possibility of extending to adjacent jurisdictions in cooperation with such jurisdictions who could also participate in funding, if beneficial to the City. **Work with Regional Transit Operators (Omnitrans)** Develop the optimum coordination and integration of bus transit services between the local City circulator system and the regional service.				
CM-3.4		●	**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.**				
			Same action as identified for CM-3.1.	ENG	PL	A	4
CM-3.5		●	**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.**				
			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	●		**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.**				
			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	●	●	**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			Implement the Bicycle Plan pursuant to Figure CM-6. Update the City's Bicycle Circulation Plan in a format suitable for obtaining public funding. 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. Update the City's Trails Implementation Plan to maintain consistency with the General Plan. Review City ordinances to ensure that an adequate mechanism exists to manage the use of trails only by authorized categories of users. 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.	ENG	PL	A, D, E, F, I	4
CM-3.8	●	●	**Continue to encourage the provision of bicycle facilities, such as bicycle lockers and secure bike parking, throughout the City.**				
			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. Encourage/require the provision of bicycle lockers and secure bike parking for major development projects, as defined in the Development Code. 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.	PL	ENG	A, D, E, F, H	4
CM-3.9		●	**Identify and implement a dedicated funding source for implementation and completion of the Bicycle Network as identified in the Bicycle Plan.**				
			Same action as identified for CM-3.7.	ENG		E, F	4
CM-3.10	●		**Continue to complete the installation of sidewalks and require new development to provide sidewalks.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			Strategize with Foundation members to increase the range of involvement in Foundation events.	CS		A, H	
CS-6.1	●		**Provide a comprehensive, interconnected off-road trail system that provides alternative mobility choices throughout the entire City and increases connectivity.**				
			Continue to implement the principles of the Trails Implementation Plan.	PL	CS, ENG	A, I	4
CS-6.2	●		**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.**				
			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	●		**Continue to incorporate, where feasible, regional and community trails along utility corridors and drainage channels.**				
			Continue to make trail connections within the City on existing public-agency owned properties.	PL	CS, ENG	A	5
CS-6.4	●		**Continue to maintain and pursue the development of planned trails and facilities for equestrian use within the Equestrian/Rural Area designation.**				
			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		●	**Improve existing trails by removing barriers, applying sustainability concepts, improving safety and function, and providing access to adjacent trails.**				
			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	●		**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.**				
			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	●		**Continue to credit publically accessible trailway acreage towards meeting parkland dedication standards.**				
			Continue to allow parkland credit for trails within development projects, subject to adopted criteria.	PL	ENG	A, K	4

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Encourage streetscape design and landscaping programs for commercial frontages that create vibrant places which support walking, bicycling, transit, and sustainable economic development.**				
			Same action as identified for LU-3.4.	PL	ENG, RD	A	4
LU-10.5		●	**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.**				
			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		●	**Continue to pursue strategies to reduce long-term operation and maintenance costs within the City's Landscape Maintenance Districts and other publicly funded areas.**				
			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	●	●	**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.**				
			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	●	●	**Continue to require the undergrounding of utility lines and facilities wherever feasible to minimize the unsightly appearance of overhead utility lines and utility enclosures.**				
			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	●	●	**Require communication towers to be located and designed to blend with the surrounding environment.**				
			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		●	**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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.**				

MUNICIPAL UTILITY

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
RC-8.7	●	●	**Support protection of natural habitat areas for ecological, educational, and other scientific study purposes.**				
			Same action as identified for RC-8.3.	PL	ENG	A, I	4
PF-1.1	●		**Continue to implement high-quality standards for new public facilities and improvements to existing buildings.**				
			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	●		**Promote community facilities as focal points for gatherings, events, and celebrations.**				
			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		●	**Locate new community facilities in neighborhoods and centers where they will serve populations with the greatest needs.**				
			Review and assess the needs for the location of community facilities as neighborhoods evolve.	CS	ENG, PL	A	6
PF-1.4	●	●	**Maintain public facilities and optimize their usefulness during their lifespan.**				
			Continue with proper maintenance programming and funding levels for existing public facilities.	PW	CS, LIB, AC	A, B, C	4
PF-1.5	●	●	**Continue to incorporate low-maintenance features into public facilities consistent with the City's sustainability plan.**				
			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	●		**Maintain multi-functional, flexible, and complementary space at community facilities.**				
			Same action as identified for PF-1.2.	CS	PW	A, B, C	3
PF-1.7		●	**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.**				
			Same action as identified for CS-2.5.	CS		A	4
PF-2.1	●	●	**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.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
RC-4.1		●	**Pursue efforts to reduce energy consumption through appropriate energy conservation and efficiency measures throughout all segments of the community.**				
			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		●	**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.**				
			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		●	**Encourage the use of solar energy systems in homes and commercial businesses.**				
			Establish design criteria for active and passive solar applications within development proposals.	PL	ENG, BS	A	5
RC-4.4	●	●	**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.**				
			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	●	●	**Support the development of private sources of sustainable and environmentally friendly energy supplies, provided these are consistent with City aesthetic and public safety goals.**				
			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		●	**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.**				

PARKS

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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	●		**Develop parks that contribute to active and healthy lifestyles, and allow for a balanced commitment to both organized recreation activities and passive park environments.**				
			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		●	**Continue to develop Central Park as envisioned in the Central Park Master Plan.**				
			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		●	**Pursue developing an outdoor special use facility that includes a multi-field sports complex.**				
			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	●		**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).**				
			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	●		**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.**				
			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	●		**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.**				
			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	●	●	**Continue to build, renovate, and maintain parks in a manner that is environmentally sustainable.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Develop intermediate sized (10-12 acre) parks with lighted athletic fields and appropriate parking to accommodate community sports programs.**				
			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		●	**Integrate Healthy RC activities, classes, and programs with recreational services that contribute to the health, fitness, and minds of participants.**				
			Continue to provide City-sponsored recreational programs and classes at recreational centers/parks.	CS	CM	A, I	4
CS-2.2	●	●	**Provide high-quality Community Services programs that are flexible and responsive to the community's changing needs.**				
			Continue to provide active recreational opportunities through leagues and organized sports.	CS	CM	A, I	4
CS-2.3		●	**Plan and conduct community special events that bring residents together to create an enhanced quality of life and promote economic development.**				
			Plan for community events through the annual budgeting process.	CS	RD, CM	A, I	4
CS-2.4	●		**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.**				
			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	●		**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.**				
			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	●		**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
RC-8.7	●	●	**Support protection of natural habitat areas for ecological, educational, and other scientific study purposes.**				
			Same action as identified for RC-8.3.	PL	ENG	A, I	4
PF-1.1	●		**Continue to implement high-quality standards for new public facilities and improvements to existing buildings.**				
			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	●		**Promote community facilities as focal points for gatherings, events, and celebrations.**				
			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		●	**Locate new community facilities in neighborhoods and centers where they will serve populations with the greatest needs.**				
			Review and assess the needs for the location of community facilities as neighborhoods evolve.	CS	ENG, PL	A	6
PF-1.4	●	●	**Maintain public facilities and optimize their usefulness during their lifespan.**				
			Continue with proper maintenance programming and funding levels for existing public facilities.	PW	CS, LIB, AC	A, B, C	4
PF-1.5	●	●	**Continue to incorporate low-maintenance features into public facilities consistent with the City's sustainability plan.**				
			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	●		**Maintain multi-functional, flexible, and complementary space at community facilities.**				
			Same action as identified for PF-1.2.	CS	PW	A, B, C	3
PF-1.7		●	**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.**				
			Same action as identified for CS-2.5.	CS		A	4
PF-2.1	●	●	**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.**				
			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

RAILROAD CROSSINGS

RANCHO
CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-1.1		●	**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.**				
			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. ▪ Work with Caltrans and SANBAG to implement a new freeway interchange at 1-15 and Arrow Highway. ▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard. ▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue. ▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue. ▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek. ▪ Complete Wilson Avenue from East Avenue to Wardman Bullock. ▪ Improve the Base Line Road at I-15 Freeway Interchange. ▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.	ENG		A, D, I	7
CM-1.2		●	**Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.**				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	**Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).**				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	**Provide access for seniors and those with physical disabilities in all elements of the transportation system.**				
			Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services. Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.	ENG	CS	A, E. F, H, I	4

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.**				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	**Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.**				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	**Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.**				
			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	●		**Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.**				
			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	●		**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.**				
			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

STREETS

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-1.1		●	**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.**				
			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. ▪ Work with Caltrans and SANBAG to implement a new freeway interchange at 1-15 and Arrow Highway. ▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard. ▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue. ▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue. ▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek. ▪ Complete Wilson Avenue from East Avenue to Wardman Bullock. ▪ Improve the Base Line Road at I-15 Freeway Interchange. ▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.	ENG		A, D, I	7
CM-1.2		●	**Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.**				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	**Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).**				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	**Provide access for seniors and those with physical disabilities in all elements of the transportation system.**				
			Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services. Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.	ENG	CS	A, E. F, H, I	4

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-1.5	●		**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.**				
			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	●		**Pursue a railroad grade separation at Etiwanda Avenue and the BNSF Railway line.**				
			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	●	●	**Facilitate bicycling and walking citywide.**				
			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	●		**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.**				
			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		●	**Support the use of hybrid, electric, and low/zero emission vehicles.**				
			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		●	**Replace City vehicles with energy-efficient and alternative fuel source models when replacing vehicles or adding to the City's fleet.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.**				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	**Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.**				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	**Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.**				
			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	●		**Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.**				
			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	●		**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.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
ED-3.7	●	●	**Support access to local and regional educational resources that provide educational opportunities to local residents and workers.**				
			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	●		**Encourage high-quality design for infill development and continue to support new high quality uses.**				
			Same action as identified for LU-5.1 to 5.6.	PL	RD, ENG	A, I, K	4
ED-4.2		●	**Make green building and green business a priority.**				
			Same action as identified for LU-7.1 to 7.3.	PL	RD	A, G	3
ED-4.3	●	●	**Improve connectivity between development projects to create a more cohesive atmosphere.**				
			Same action as identified for LU-2.3.	PL	ENG	A	5
ED-4.4	●		**Focus on enhancements to Foothill Boulevard and Haven Avenue.**				
			Same action as identified for LU-5.1 to 5.6.	PL	RD, ENG	A, I, K	5
ED-4.5		●	**Review and understand the fiscal, job creation, and economic benefits of new proposed uses in the City's industrial-zoned areas.**				
			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	●		**Engage in regional transit planning efforts.**				
			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		●	**Continue to capitalize on proximity to Interstate 10, Interstate 15, State Route 210, and the LA/Ontario International Airport.**				
			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	●		**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.**				

TRAFFIC

RANCHO CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-3.11	●		**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.**				
			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	●		**Continue to require that the siting and architectural design of new development promote safety, pedestrian-friendly design, and access to transit facilities.**				
			Develop standards to be applied to development projects along transit corridors that require transit and pedestrian accessibility.	PL	ENG	I	4
CM-3.13		●	**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.**				
			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	●		**Enhance pedestrian and bicycle access to local and regional transit, including facilitating connections to transit.**				
			Same action as identified for CM-3.7.	ENG	PL	I	4
CM-3.15		●	**Coordinate the provision of the non-motorized networks (bicycle and pedestrian) with adjacent jurisdictions to maximize sub-regional connectivity.**				
			Same action as identified for CM-3.7.	ENG	PL	A, E, F	4
CM-3.16		●	**Establish fixed-route local circulator bus service connecting major activity centers.**				
			Explore development of a fixed-route local circulator bus system, station location, and funding mechanisms.	ENG	PL	A, E, H	5
CM-4.1		●	**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.**				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	**Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.**				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	**Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.**				
			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	●		**Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.**				
			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	●		**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.**				
			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

FUTURE & UNFUNDED

RANCHO
CUCAMONGA

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
CM-1.1		●	**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.**				
			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. ▪ Work with Caltrans and SANBAG to implement a new freeway interchange at 1-15 and Arrow Highway. ▪ Complete Wilson Avenue between Milliken Avenue and Day Creek Boulevard. ▪ Complete Rochester Avenue between Banyan Street and Wilson Avenue. ▪ Pursue Federal funds for a grade separation of the SPRR at Etiwanda Avenue. ▪ Complete storm drain and widening of Hellman Avenue from Foothill Boulevard to Cucamonga Creek. ▪ Complete Wilson Avenue from East Avenue to Wardman Bullock. ▪ Improve the Base Line Road at I-15 Freeway Interchange. ▪ Complete Youngs Canyon from Cherry Avenue to Banyan Street.	ENG		A, D, I	7
CM-1.2		●	**Provide an integrated network of roadways that provides for convenient automobile, transit, bicycle, and pedestrian circulation movement around the City.**				
			Same actions as identified for CM-2.1 and CM-3.7.	ENG	PL	A, D, I	4
CM-1.3		●	**Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan (Figure CM-2).**				
			Identify in the CIP future projects and new roadways based on available funding.	ENG	PL	A, D, I	4
CM-1.4	●	●	**Provide access for seniors and those with physical disabilities in all elements of the transportation system.**				
			Continue to operate the Silver Fox Express. Consult with Omnitrans regarding providing ACCESS transportation services. Require that all new future transportation facilities have appropriate and adequate access for seniors and people with physical disabilities.	ENG	CS	A, E. F, H, I	4

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Continue to design and operate arterials and intersections for the safe operation of all modes, including transit, bicyclists, and pedestrians.**				
			Same action as identified for CM-4.1.	ENG		A, D	3
CM-4.3		●	**Continue to implement Intelligent Transportation System Measures and advanced traffic management technologies where appropriate.**				
			Same action as identified for CM-4.1.	ENG	PW	A, D, E, F	3
CM-4.4	●	●	**Maintain the City's transportation infrastructure in good condition; develop and maintain adequate funding sources for it's ongoing maintenance and upkeep.**				
			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	●		**Continue to require that new development participates in the cost of transportation mitigation and improvements necessitated by new development, including non-automobile solutions.**				
			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	●		**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.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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	●		**Develop parks that contribute to active and healthy lifestyles, and allow for a balanced commitment to both organized recreation activities and passive park environments.**				
			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		●	**Continue to develop Central Park as envisioned in the Central Park Master Plan.**				
			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		●	**Pursue developing an outdoor special use facility that includes a multi-field sports complex.**				
			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	●		**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).**				
			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	●		**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.**				
			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	●		**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.**				
			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	●	●	**Continue to build, renovate, and maintain parks in a manner that is environmentally sustainable.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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		●	**Develop intermediate sized (10-12 acre) parks with lighted athletic fields and appropriate parking to accommodate community sports programs.**				
			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		●	**Integrate Healthy RC activities, classes, and programs with recreational services that contribute to the health, fitness, and minds of participants.**				
			Continue to provide City-sponsored recreational programs and classes at recreational centers/parks.	CS	CM	A, I	4
CS-2.2	●	●	**Provide high-quality Community Services programs that are flexible and responsive to the community's changing needs.**				
			Continue to provide active recreational opportunities through leagues and organized sports.	CS	CM	A, I	4
CS-2.3		●	**Plan and conduct community special events that bring residents together to create an enhanced quality of life and promote economic development.**				
			Plan for community events through the annual budgeting process.	CS	RD, CM	A, I	4
CS-2.4	●		**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.**				
			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	●		**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.**				
			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	●		**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.**				

Policy Reference	Action Type: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
ED-2.3		●	**Expand recreation and cultural attractions to enhance tourism/visitor potential and to boost sales and transient occupancy tax.**				
			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		●	**Expand lodging choices in the City through the recruitment and placement of full-service hotels that will complement the existing select-service hotel portfolio.**				
			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	●	●	**Continue to make public safety a priority.**				
			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		●	**Provide community and cultural amenities.**				
			Same action as identified for ED-2.3.	CS	CM, RD	A	4
ED-3.3	●		**Maintain a healthy fiscal balance.**				
			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	●	●	**Improve internal circulation for all modes of transportation, consistent with the concept of "Complete Streets".**				
			Same action as identified for LU-3.1 to 3.8.	ENG	PL	A, G, K	4
ED-3.5		●	**Facilitate development of additional local and regional entertainment venues.**				
			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		●	**Leverage the City's quality of life amenities to attract more knowledge-based workers.**				
			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: Project Review	Action Type: Special Initiative	General Plan Policy / Implementation Action(s)	Primary Responsibility	Supporting Responsibility	Funding Source	Priority
			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.**				