

CITY OF SANTA ANA

2020/
2021

CAPITAL IMPROVEMENT PROGRAM



Walnut Pump Station



Mariposa Park



Center Street Urban Greening



Civic Center ADA Access Ramp

Fiscal Year 2020/2021



DESCRIPTION OF FUNDING SOURCES

ACTIVE TRANSPORTATION PROGRAM (ATP) – The ATP was created by Senate Bill 99 (Chapter 359, Statutes of 2013) and Assembly Bill 101 (Chapter 354, Statutes of 2013) to encourage increased use of active modes of transportation, such as biking and walking. ATP is a federal and state funded program which provides construction and educational grants for projects that increase the proportion of biking and walking, increase traffic safety and mobility for pedestrians and cyclists, and reduce childhood obesity.

ACTIVE TRANSPORTATION PROGRAM SB-1 AUGMENTATION (ATP SB-1) – Most recently, Road Repair and Accountability Act of 2017, enacted by Senate Bill 1 (Chapter 20, Statutes of 2017) added approximately \$100 million per year in available funds for the ATP. This will nearly double the amount of available funds for the Active Transportation Program.

CELL TOWER REVENUE – The City has 20 cell towers in city park sites. The revenue generated from the cell sites originally was budgeted for park improvements (repair work) in the park impacted by the cell tower. A portion of the revenue is transferred to the general fund. The remaining portion is used for the original intent to make park repairs in the park that are impacted by the cell tower.

CIVIC CTR - CAPITAL PROJECT (CIVIC CTR - CAPITAL PROJ)
– Civic Center Funds are generated through parking revenue from the Civic Center parking lots and structures (i.e., Super Block Parking Lot, O.C. Courthouse/Library Parking Structure, and the

Stadium Parking Structure). These funds pay for Civic Center parking structure maintenance, and Civic Center Special Projects.

COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM (CDBG) – The Housing and Community Development Act of 1974 returns income tax funds to cities and counties to develop viable urban communities, primarily for the benefit of low and moderate income people. This U.S. Department of Housing and Urban Development program gives priority to activities that help to eliminate blight, with emphasis on residential areas. CDBG projects are carried out by several operating departments with the City and by sub-agents. Public hearings are held to plan projects for the next fiscal year. The selected projects are recommended by citizens, commissioners, and staff.

GAS TAX – Gas Tax funds are derived from the Motor Vehicle Fuel Tax (HUTA or Highway Users Tax Account). Motorists pay a tax for fuel consumption. It is apportioned to cities according to population and can only be utilized in the maintenance and construction of the street system. Examples of programs funded by Gas Tax include Roadway Markings/Signs, as well as Traffic Signals, Street Maintenance and Street Rehabilitation.

DESCRIPTION OF FUNDING SOURCES

GENERAL FUND – The general fund is supported by revenue received from sales tax, property tax, utility tax and other miscellaneous tax revenue which provides funding for City operations.

MEASURE M2 COMPETITIVE STREET: ACE (MM2: ACE)– Complements freeway improvement initiatives underway and supplements development mitigation opportunities on arterials throughout the Master Plan of Arterial Highways (MPAH).

MEASURE M2 FAIRSHARE – This local fair share program returns a portion of the Measure M2 Streets and Roads revenues to the cities and the County of Orange once specific program requirements are met. Disbursement amounts are based on a formula that accounts for population, street mileage, and sales tax collected.

OCTA OC STREETCAR FUNDS (OCTA OC STREETCAR FUNDS) – Orange County Transportation Authority (OCTA) funds allocated for the OC Streetcar Project.

PARK ACQUISITION & DEVELOPMENT FUNDS (A & D) – Any person adding a net increase in residential units or converting apartments to condominiums in the City is charged a Residential Development Fee. These fees are used for the acquisition, construction, and renovation of park and recreation facilities. The City Council has established a standard of two acres of park and

recreation facilities per one thousand (1,000) population in the City. Fees vary depending on the type and number of residential units. Fees are paid at the time of application for a building permit, and no building permit is issued until such fees are paid.

SEWER CONNECTION PROJECTS (SEWER CONNECTION PROJECTS)– The Sewer Connection Fee is collected from various types of development based on the number of fixture units and the cost per lineal foot of construction of a main sewer line. All monies received by the City as a fee for connection to the public sewers are deposited into the Sewer Connection Fee Fund and used for the construction of sewers. Fees are paid at the time of application for a sewer connection permit, and no connection permit is issued until such fees are paid.

TRANSPORTATION SYSTEM IMPROVEMENT AREA FUND (AREA FEES) – Ordinance NS-1651, adopted in 1982, established the concept of transportation improvement areas. In addition, the City has executed “Joint Exercise of Powers Agreements” with the cities of Tustin and Orange specifically covering areas adjacent to those cities. These Area Fees are charged to new development to offset the cost of transportation system improvements within that area. The City has six transportation improvement areas. The fee charged is based on the square footage of the proposed development. The fee may be changed from time to time by resolution of the City Council. Fees are paid at the time of application for a building permit.

CITY OF SANTA ANA
ONE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2020/2021

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
I. STREET IMPROVEMENTS										
FY 20/21 PLANNING										
1. Pavement Management								250,000		250,000
2. Project Development								150,000		150,000
3. Right-of-Way Management								150,000		150,000
<i>Subtotal FY 20/21 Planning</i>								<i>550,000</i>		<i>550,000</i>
FY 20/21 CURB, GUTTER, SIDEWALK IMPROVEMENTS										
4. Omnibus Concrete Program Support							50,000			50,000
<i>Subtotal FY 20/21 Curb, Gutter, Sidewalk Improvements</i>								<i>50,000</i>		<i>50,000</i>
FY 20/21 LOCAL STREET RESURFACING										
5. Local Street Preventative Maintenance								2,290,419		2,290,419
<i>Subtotal FY 20/21 Local Street Resurfacing</i>								<i>2,290,419</i>		<i>2,290,419</i>
FY 20/21 ARTERIAL STREET REHABILITATION										
6. 17th Street Rehabilitation: Bristol to Flower								1,050,000	(1)	1,050,000
7. 17th Street Rehabilitation: Fairview to Bristol								790,000	(1)	790,000
8. Alton Avenue Rehabilitation: Main to Standard								770,000	(1)	770,000
9. Fairview Avenue Rehabilitation: City to Segerstrom								2,188,389	(1)	2,188,389
10. Flower Street Rehabilitation: McFadden to 1st								700,000	(1)	700,000
11. MacArthur Boulevard Rehabilitation: Fairview to Raitt								880,000	(1)	880,000
<i>Subtotal FY 20/21 Arterial Street Rehabilitation</i>								<i>6,378,389</i>		<i>6,378,389</i>
FY 20/21 STREET/BRIDGE IMPROVEMENTS & WIDENING										
12. SR-55 Widening Project								90,000	(3)	90,000
13. Bridge Preventative Maintenance Program (BPMP)							32,000			32,000
14. Bristol Street Improvements and Widening: Phase 3A - Civic Center to Washington					130,000	Area F		159,879	(2)	3,563,452
15. Bristol Street Improvements and Widening: Phase 4 - Warner to Saint Andrew								426,618	(2)	8,109,321
								181,497	(5)	
								7,501,206	(6)	

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
I. STREET IMPROVEMENTS										
FY 20/21 STREET/BRIDGE IMPROVEMENTS & WIDENING										
16. Warner Avenue Improvements: Phase 1 - Main to Oak					101,930	Area E				101,930
<i>Subtotal FY 20/21 Street/Bridge Improvements & Widening</i>							32,000		11,632,773	11,794,773
TOTAL STREET IMPROVEMENTS					231,930		82,000	2,840,419	18,011,162	21,063,581
II. TRAFFIC IMPROVEMENTS										
FY 20/21 PLANNING										
17. Bike Lane Project Development								80,000		80,000
18. Traffic Management Plans								50,000		50,000
19. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY 20/21 Planning</i>								180,000		180,000
FY 20/21 TRAFFIC IMPROVEMENTS										
20. Tustin Avenue Corridor Traffic Signal Synchronization								100,000		100,000
21. Traffic Signal Equipment Replacement								100,000		100,000
22. Segerstrom Avenue/Dyer Road Corridor Traffic Signal Synchronization								275,000		275,000
<i>Subtotal FY 20/21 Traffic Improvements</i>								475,000		475,000
FY 20/21 TRAFFIC SAFETY / MOBILITY										
23. Standard Avenue Protected Bike Lanes: 3rd to Warner									5,444,000 (4)	5,444,000
24. Warner Avenue Protected Bike Lanes (Oak to Grand)					17,820	Area E				17,820
25. McFadden Avenue Protected Bike Lane and Bicycle Boulevard Project: Harbor to Grand									5,875,000 (4)	5,875,000
26. Kennedy Elementary and Villa Fundamental Intermediate SRTS									1,291,000 (4)	1,291,000
<i>Subtotal FY 20/21 Traffic Safety / Mobility</i>								17,820	12,610,000	12,627,820
TOTAL TRAFFIC IMPROVEMENTS					17,820			655,000	12,610,000	13,282,820

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
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III. UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS

FY 20/21 SEWER IMPROVEMENTS

27. Flower Street Sewer Main Improvements				1,000,000						1,000,000
28. Washington Square Sewer Main Improvements				1,500,000						1,500,000
29. Bristol Street Sewer Main Improvements Phase 3A - Center to Washington			Civic	500,000						500,000
30. Willard Neighborhood Sewer Main Improvements				300,000						300,000
31. Wright Street Sewer Main Improvements				3,000,000						3,000,000
32. Baker-Glenwood Sewer Main Upgrade				50,000						50,000
33. Rene-Drive Sewer Main Upgrade				85,000						85,000
34. Santa Ana Memorial Park Neighborhood Sewer Main Improvements				100,000						100,000
35. Bristol/Warner Neighborhood Sewer Main Improvements				100,000						100,000
36. Fairhaven Neighborhood Sewer Main Improvements				100,000						100,000
37. Casa Bonita Neighborhood Sewer Main Improvements				180,000						180,000
38. South Main Street Sewer Main Improvements				2,500,000						2,500,000
<i>Subtotal FY 20/21 Sewer Improvements</i>				<i>9,415,000</i>						<i>9,415,000</i>

FY 20/21 WATER IMPROVEMENTS

39. Warner Avenue Widening Water Main Improvements - to Oak			Main	1,000,000						1,000,000
40. Bristol Street Water Main Improvements Phase 3A - Center to Washington			Civic	750,000						750,000
41. Bristol Street Water Main Improvements Phase 4 - Warner to Saint Andrew				1,000,000						1,000,000
42. Warner Avenue Water Main Improvements - Bristol Main			to	150,000						150,000
43. Fisher Park Neighborhood Water Improvements				2,300,000						2,300,000
44. Saint Gertrude and Grand Avenue Water Main Replacement				1,500,000						1,500,000
45. SR-55 Widening - Water Main Relocation				2,000,000						2,000,000
46. Santa Ana Blvd Crossings Water Main Improvements				750,000						750,000
47. SR-55 Widening - Ritchey Street Water Main Relocation				1,500,000						1,500,000

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
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III. UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS

FY 20/21 WATER IMPROVEMENTS

48. SR-55 Widening - SA-7 Relocation			3,100,000							3,100,000
<i>Subtotal FY 20/21 Water Improvements</i>			<i>14,050,000</i>							<i>14,050,000</i>

FY 20/21 FACILITY IMPROVEMENTS

49. Well No. 29 - Improvements			4,500,000							4,500,000
50. Well No. 32 - Rehabilitation			6,000,000							6,000,000
51. SA-2 Vault Improvements			550,000							550,000
52. Washington Well Site Improvements			300,000							300,000
53. East & West Reservoirs Chlorine Buildings			1,000,000							1,000,000
54. East Station Security Fencing Improvements			750,000							750,000
55. Warner Avenue Storm Drain Improvements: Phase 1- to Oak							800,000			800,000
<i>Subtotal FY 20/21 Facility Improvements</i>			<i>13,100,000</i>				<i>800,000</i>			<i>13,900,000</i>

TOTAL UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS			27,150,000	9,415,000			800,000			37,365,000
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IV. CITY FACILITY IMPROVEMENTS

FY 20/21 PARK FACILITY IMPROVEMENTS

56. Cabrillo Irrigation Renovation						300,000	District 2			300,000
57. Pacific Electric Bike Trail Lighting Phase II						500,000	District 3			500,000
58. Sandpointe Park Security Lighting						300,000	District 3			300,000
59. Santa Ana Zoo Giant River Otter Habitat						2,000,000	District 3			2,000,000
60. Morrison Park Security Lighting						250,000	District 2			250,000
<i>Subtotal FY 20/21 Park Facility Improvements</i>						<i>3,350,000</i>				<i>3,350,000</i>

TOTAL CITY FACILITY IMPROVEMENTS						3,350,000				3,350,000
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GRAND TOTAL ONE-YEAR CIP PROJECTS	0	0	27,150,000	9,415,000	249,750	3,350,000	82,000	4,295,419	30,621,162	75,163,331
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**CITY OF SANTA ANA
ONE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2020/2021**

"OTHER" FUNDING SOURCES

- (1) ROAD MAINTENANCE AND REHABILITATION ACCOUNT
- (2) OCTA BRISTOL STREET CORRIDOR
- (3) OCTA TRANSITWAY PROJECT
- (4) ACTIVE TRANSPORTATION PROGRAM SB1 AUGMENTATION
- (5) DRAINAGE AREA FEE - AREA IV
- (6) MEASURE M2 COMPETITIVE ST

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Pavement Management

PROJECT CATEGORY:
*Street Improvements
Planning*

PROJECT DESCRIPTION:

The City's Pavement Management System was first prepared in 1992. This project provides for a Citywide inventory of street pavement to identify any changes in condition and record any damage.

PROJECT NEED:

The Pavement Management System (PMS) should be current and updated in order to better program projects for the City's CIP and to understand the total deferred maintenance of the network for budgeting purposes. Also, OCTA requires updated PMS reports to continue the City's eligibility for Measure M funds.

LOCATION MAP



CITYWIDE

PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Design Engineering	250,000	250,000	250,000	250,000	250,000	250,000	250,000
TOTAL	250,000	250,000	250,000	250,000	250,000	250,000	250,000

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	250,000	250,000	250,000	250,000	250,000	250,000	250,000
TOTAL	250,000	250,000	250,000	250,000	250,000	250,000	250,000

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Project Development

PROJECT CATEGORY:
*Street Improvements
Planning*

PROJECT DESCRIPTION:

Includes staff coordination related to grant application preparation and submittal. Project Development also entails staff response to City Council, resident, and business inquiries. This includes planning, environmental, preliminary engineering, and right-of-way.

PROJECT NEED:

Staff consistently applies for grant funding to implement the Capital Improvement Program. A significant amount of staff effort is expended in analyzing a project to determine its feasibility and competitiveness. In addition, staff participates in various regional inter-agency forums and responds to Council, resident, and business inquiries.

LOCATION MAP



CITYWIDE

PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Design Engineering	150,000	150,000	150,000	150,000	150,000	150,000	150,000
TOTAL	150,000	150,000	150,000	150,000	150,000	150,000	150,000

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	150,000	150,000	150,000	150,000	150,000	150,000	150,000
TOTAL	150,000	150,000	150,000	150,000	150,000	150,000	150,000

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Jason Gabriel, Principal Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Right-of-Way Management

PROJECT CATEGORY:
*Street Improvements
Planning*

PROJECT DESCRIPTION:
This project provides for the management and administration of right-of-way acquisitions/real estate transactions, which requires coordination of activities with the City Attorney's Office and other agencies.

PROJECT NEED:
Each fiscal year, the Public Works Agency undertakes several roadway widening projects which require right-of-way acquisitions. Additionally, the Public Works Agency is responsible for maintaining and coordinating all real estate activities (i.e., City-owned properties, easements, etc.).

LOCATION MAP



CITYWIDE

PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Design Engineering	150,000	150,000	150,000	150,000	150,000	150,000	150,000
TOTAL	150,000	150,000	150,000	150,000	150,000	150,000	150,000
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	150,000	150,000	150,000	150,000	150,000	150,000	150,000
TOTAL	150,000	150,000	150,000	150,000	150,000	150,000	150,000

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Jason Gabriel, Principal Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Omnibus Concrete Program Support

PROJECT CATEGORY:
*Street Improvements
Curb, Gutter, Sidewalk*

PROJECT DESCRIPTION:
The Omnibus Program Support provides as-needed technical assistance to the Public Works Maintenance Division for the Citywide concrete repair program "Omnibus Concrete" Program.

PROJECT NEED:
Provide engineering analysis to determine scope and limits of concrete repair.

LOCATION MAP



CITYWIDE

PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Design Engineering	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	50,000	50,000	50,000	50,000	50,000	50,000	50,000
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
GAS TAX	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	50,000	50,000	50,000	50,000	50,000	50,000	50,000

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Jason Gabriel, Principal Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Local Street Preventative Maintenance

PROJECT CATEGORY:
*Street Improvements
Local Street Rehabilitation*

PROJECT DESCRIPTION:
This project provides for the application of crack seal and slurry seal to various streets citywide.

PROJECT NEED:
The City's Pavement Management Program has been developed to identify the preventative maintenance requirements for the City's street network. The application of a surface seal to streets with improvements constructed in the last 10 years will ensure a high level of service for years to come.

LOCATION MAP



CITYWIDE

PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	2,120,419	2,778,000	2,778,000	2,778,000	2,778,000	2,778,000	2,778,000
Design Engineering	170,000	222,000	222,000	222,000	222,000	222,000	222,000
TOTAL	2,290,419	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	2,290,419	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
TOTAL	2,290,419	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

17th Street Rehabilitation: Bristol to Flower

PROJECT CATEGORY:

*Street Improvements
Arterial Street Rehabilitation*

PROJECT DESCRIPTION:

Reconstruction/resurfacing of existing pavement and replacement/installation of missing or damaged, curbs, gutters, sidewalks, driveway approaches, and wheelchair ramps within this segment of roadway.

PROJECT NEED:

The City's Pavement Management Program (PMP) has been developed to prioritize and recommend the most cost-effective roadway repairs, and maximize the return from available funding for street pavement. This segment of 17th Street pavement rehabilitation is identified as a high priority in the PMP.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	972,000	-	-	-	-	-	-
Design Engineering	78,000	-	-	-	-	-	-
TOTAL	1,050,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
RMRA SB1	1,050,000	-	-	-	-	-	-
TOTAL	1,050,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Design Engineering

CONTACT:

Sean Thomas, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

17th Street Rehabilitation: Fairview to Bristol

PROJECT CATEGORY:

*Street Improvements
Arterial Street Rehabilitation*

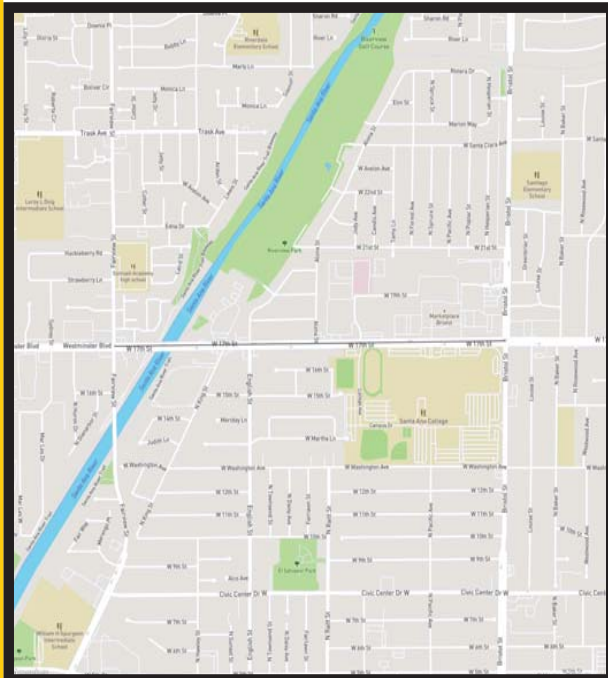
PROJECT DESCRIPTION:

Application of slurry seal, crack seal, and minor pavement resurfacing with asphalt concrete. The work also include replacement/installation of missing or damaged curbs, gutters, sidewalk, driveway approaches, wheelchair ramps, and striping.

PROJECT NEED:

The City's Pavement Management Program has been developed to identify the preventative maintenance requirements for the City's street network. The application of a surface seal to streets with improvements constructed in the last 10 years will ensure a high level of service for years to come.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	731,000	-	-	-	-	-	-
Design Engineering	59,000	-	-	-	-	-	-
TOTAL	790,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
RMRA SB1	790,000	-	-	-	-	-	-
TOTAL	790,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Sean Thomas, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Alton Avenue Rehabilitation: Main to Standard

PROJECT CATEGORY:

*Street Improvements
Arterial Street Rehabilitation*

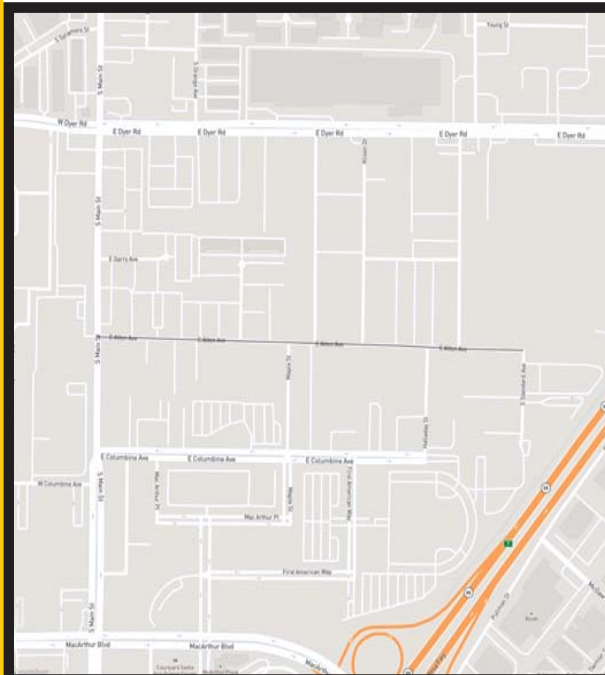
PROJECT DESCRIPTION:

Reconstruction/resurfacing of existing pavement and replacement/installation of missing or damaged, curbs, gutters, sidewalks, driveway approaches, and wheelchair ramps within this segment of roadway.

PROJECT NEED:

The City's Pavement Management Program (PMP) has been developed to prioritize and recommend the most cost-effective roadway repairs, and maximize the return from available funding for street pavement. This segment of Alton Avenue pavement rehabilitation is identified as a high priority in the PMP.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	713,000	-	-	-	-	-	-
Design Engineering	57,000	-	-	-	-	-	-
TOTAL	770,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
RMRA SB1	770,000	-	-	-	-	-	-
TOTAL	770,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Fairview Avenue Rehabilitation: City to Segerstrom

PROJECT CATEGORY:

*Street Improvements
Arterial Street Rehabilitation*

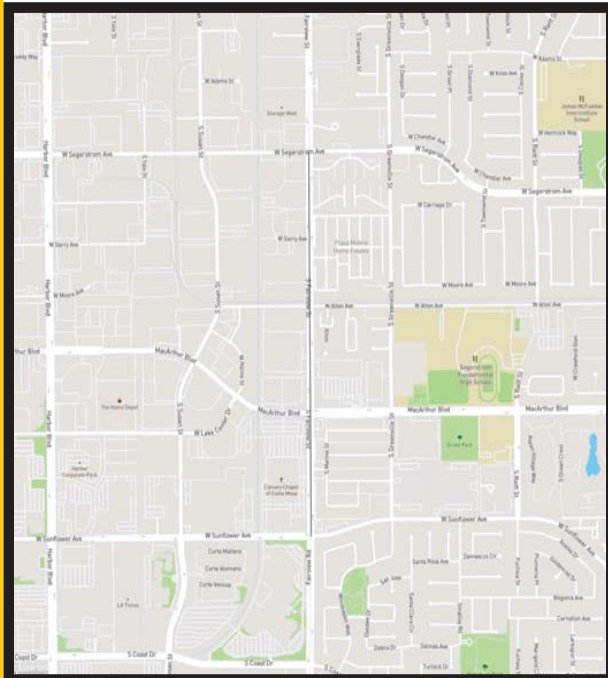
PROJECT DESCRIPTION:

Reconstruction/resurfacing of existing pavement and replacement/installation of missing or damaged, curbs, gutters, sidewalks, driveway approaches, and wheelchair ramps within this segment of roadway.

PROJECT NEED:

The City's Pavement Management Program (PMP) has been developed to prioritize and recommend the most cost-effective roadway repairs, and maximize the return from available funding for street pavement. This segment of Fairview Avenue pavement rehabilitation is identified as a high priority in the PMP.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	2,023,389	-	-	-	-	-	-
Design Engineering	165,000	-	-	-	-	-	-
TOTAL	2,188,389	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
RMRA SB1	2,188,389	-	-	-	-	-	-
TOTAL	2,188,389	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Mike Ortiz, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Flower Street Rehabilitation: McFadden to 1st

PROJECT CATEGORY:

*Street Improvements
Arterial Street Rehabilitation*

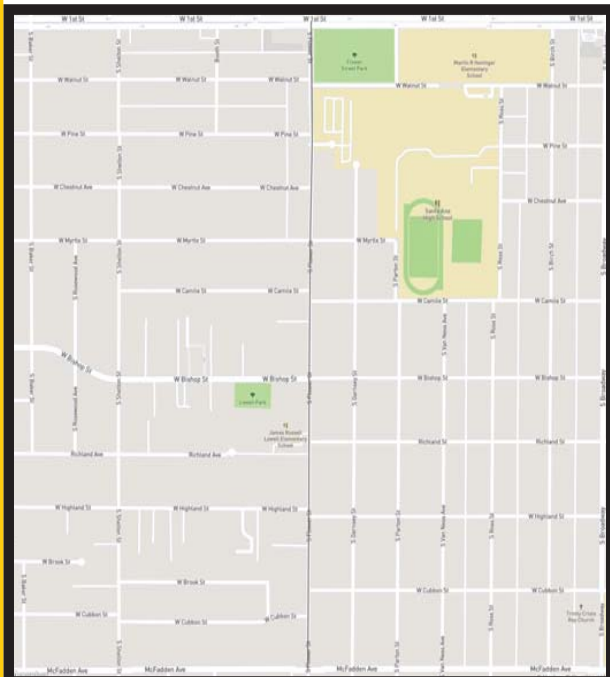
PROJECT DESCRIPTION:

Reconstruction/resurfacing of existing pavement and replacement/installation of missing or damaged, curbs, gutters, sidewalks, driveway approaches, and wheelchair ramps within this segment of roadway.

PROJECT NEED:

The City's Pavement Management Program (PMP) has been developed to prioritize and recommend the most cost-effective roadway repairs, and maximize the return from available funding for street pavement. This segment of Flower Street pavement rehabilitation is identified as a high priority in the PMP.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	648,000	-	-	-	-	-	-
Design Engineering	52,000	-	-	-	-	-	-
TOTAL	700,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
RMRA SB1	700,000	-	-	-	-	-	-
TOTAL	700,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

MacArthur Boulevard Rehabilitation: Fairview to Raitt

PROJECT CATEGORY:

*Street Improvements
Arterial Street Rehabilitation*

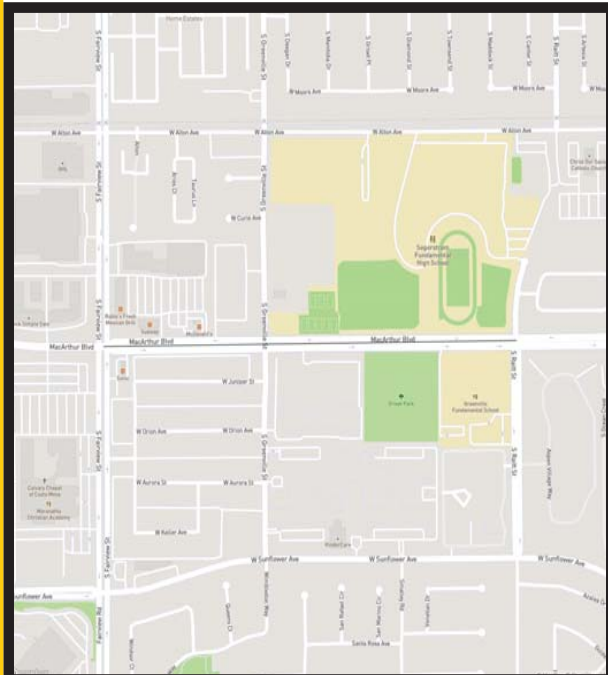
PROJECT DESCRIPTION:

Reconstruction/resurfacing of existing pavement and replacement/installation of missing or damaged, curbs, gutters, sidewalks, driveway approaches, and wheelchair ramps within this segment of roadway.

PROJECT NEED:

The City's Pavement Management Program (PMP) has been developed to prioritize and recommend the most cost-effective roadway repairs, and maximize the return from available funding for street pavement. This segment of MacArthur Boulevard pavement rehabilitation is identified as a high priority in the PMP.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	815,000	-	-	-	-	-	-
Design Engineering	65,000	-	-	-	-	-	-
TOTAL	880,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
RMRA SB1	880,000	-	-	-	-	-	-
TOTAL	880,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
SR-55 Widening Project

PROJECT CATEGORY:
*Street Improvements
Street/Bridge Widening*

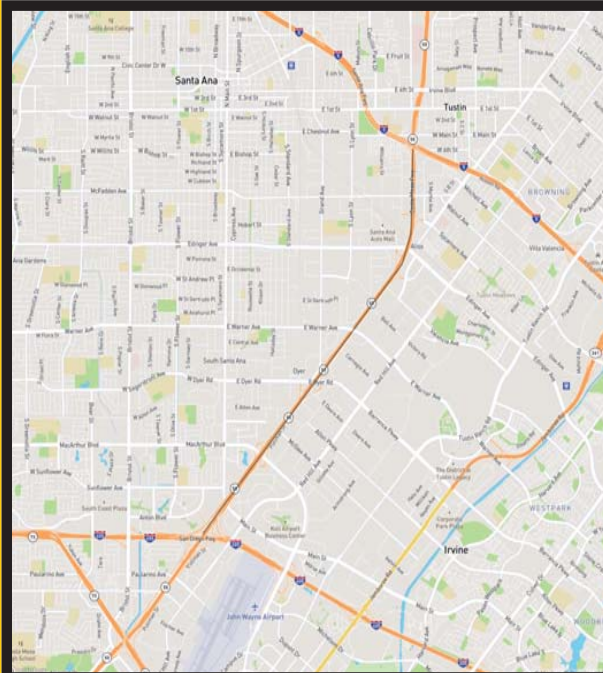
PROJECT DESCRIPTION:

The Orange County Transportation Authority (OCTA) is the lead agency for the proposed State Route 55 (SR-55) freeway-widening project from Interstate 405 to Interstate I-5. The Project will add general purpose and high-occupancy vehicle lanes in each direction between I-405 and I-5, and will also add auxiliary lanes between interchanges. Additionally, the project will add sidewalks, ADA ramps raised medians and vehicle lanes along MacArthur Blvd., Dyer Rd., Edinger Ave. and McFadden Ave.

PROJECT NEED:

The project will improve safety and mobility for pedestrians and reduce traffic congestion at several major arterials crossing the SR-55

LOCATION MAP



PROJECT COSTS

Design Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
90,000	-	-	-	-	-	-
90,000	-	-	-	-	-	-

SOURCE OF FUNDS

OCTA TRANSITWAY
PROJECT -

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
90,000	-	-	-	-	-	-
90,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Bridge Preventative Maintenance Program (BPMP)

PROJECT CATEGORY:

*Street Improvements
Street/Bridge Widening*

PROJECT DESCRIPTION:

Eight (8) bridges are eligible for preventative maintenance work under the Bridge Preventative Maintenance Program (BPMP) guidelines.

PROJECT NEED:

Caltrans performs bridge inspections and provides the Bridge Inspection Report to the City. The inspection report identifies the deficiencies of each bridge that needs maintenance. It is the City's responsibility to maintain the bridges and repair the deficiencies to prevent future deterioration.

LOCATION MAP



CITYWIDE

PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Design Engineering	32,000	-	-	-	-	-	-
TOTAL	32,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
GAS TAX	32,000	-	-	-	-	-	-
TOTAL	32,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Design Engineering

CONTACT:

Kenny Nguyen, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

*Bristol Street Improvements and Widening:
Phase 3A - Civic Center to Washington*

PROJECT CATEGORY:

*Street Improvements
Street/Bridge Widening*

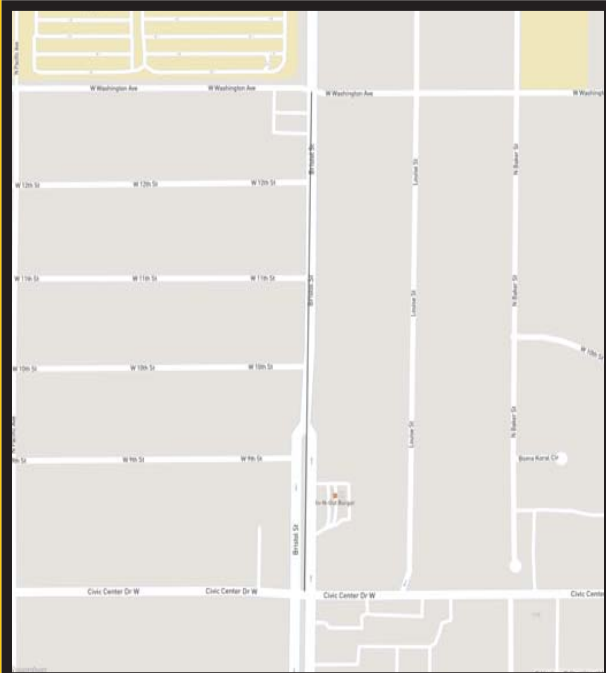
PROJECT DESCRIPTION:

The Bristol Street Improvements project was planned and designed to incorporate complete street concepts with storm drain quality features. The improvements include widening of the street from four lanes to six lanes, with bus turnouts, raised median, bike lanes, and sound walls. The project also brings native and organic landscaping that beautifies a fully developed urban area.

PROJECT NEED:

Bristol Street from Civic Center to Washington (Phase 3A) is part of the City's plan to widen Bristol Street from Warner Avenue to Memory Lane, which was approved by City Council in 1990 and reevaluated in 2015. Existing roadway has only 2 lanes in each direction and is operating at a LOS F. This widening is needed to improve traffic flow and create complete streets features.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
3,563,452	-	-	-	-	-	-
3,563,452	-	-	-	-	-	-

SOURCE OF FUNDS

MEASURE M2
COMPETITIVE ST
OCTA BRISTOL ST
CORRIDOR
TSIA AREA F

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
3,273,573	-	-	-	-	-	-
159,879	-	-	-	-	-	-
130,000	-	-	-	-	-	-
3,563,452	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Sean Thomas, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

*Bristol Street Improvements and Widening:
Phase 4 - Warner to Saint Andrew*

PROJECT CATEGORY:

*Street Improvements
Street/Bridge Widening*

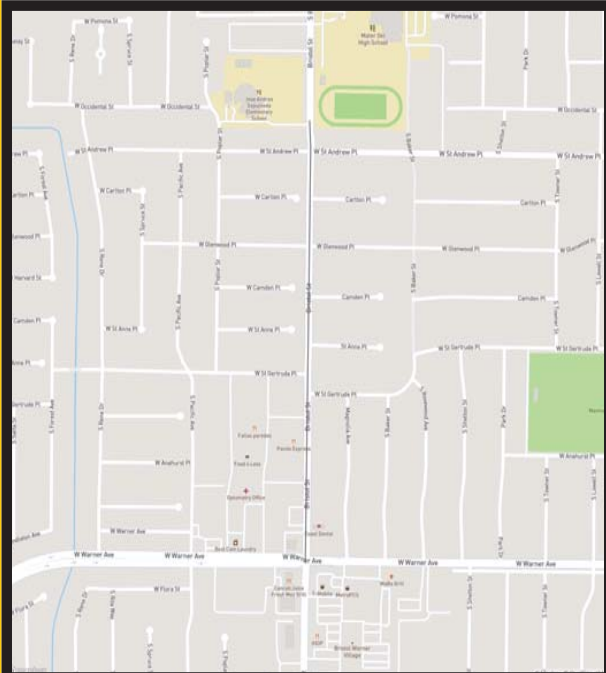
PROJECT DESCRIPTION:

The Bristol Street Improvements project was planned and designed to incorporate complete street concepts with storm water quality features. The improvements include widening of the street from four lanes to six lanes, with bus turnouts, raised median, bike lanes, enhanced storm drain system, and sound walls. The project also brings native and organic landscaping that beautifies a fully developed urban area.

PROJECT NEED:

Bristol Street from Warner Avenue to St. Andrew Place (Phase 4) is part of the City's plan to widen Bristol Street from Warner Avenue to Memory Lane, which was approved by City Council in 1990 and reevaluated in 2015. Existing roadway has only 2 lanes in each direction and is operating at a LOS F. This widening is needed to improve traffic flow and create complete streets features.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	7,682,703	-	-	-	-	-	-
Right-of-Way Relocation	426,618	-	-	-	-	-	-
TOTAL	8,109,321	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
DAF: DA-IV	181,497	-	-	-	-	-	-
MEASURE M2 COMPETITIVE ST	7,501,206	-	-	-	-	-	-
OCTA BRISTOL ST CORRIDOR	426,618	-	-	-	-	-	-
TOTAL	8,109,321	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Sean Thomas, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Warner Avenue Improvements: Phase 1 - Main to Oak

PROJECT CATEGORY:

*Street Improvements
Street/Bridge Widening*

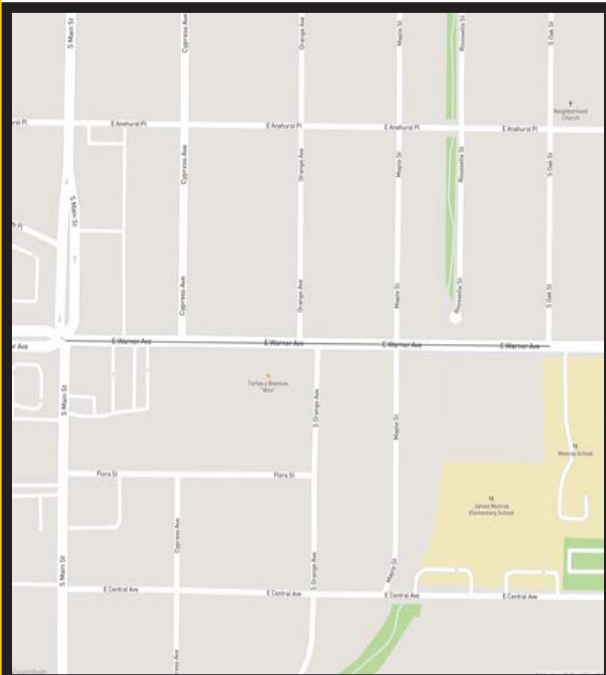
PROJECT DESCRIPTION:

This project will widen Warner Avenue between Main Street and Oak Street from 2 to 3 lanes in each direction. The project also includes additional left turn lanes at Main Street, bus turn outs, raised medians, and bike lanes along Warner Avenue between Main Street and Oak Street.

PROJECT NEED:

The MPAH (Master Plan of Arterial Highways) Strategic Plan Technical Report identified the need for Warner Avenue to be widened to a six-lane major arterial to meet MPAH requirements. The existing Average Daily Traffic (ADT) is in excess of 29,600 vehicles per day. The proposed improvements will allow the segment to accommodate future traffic volumes at a Level of Service A and increase operational efficiency.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	101,930	-	-	-	-	-	-
TOTAL	101,930	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
TSIA AREA E	101,930	-	-	-	-	-	-
TOTAL	101,930	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Design Engineering

CONTACT:

Kenny Nguyen, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Bike Lane Project Development

PROJECT CATEGORY:
*Traffic Improvements
Planning*

PROJECT DESCRIPTION:

Provides for the engineering services that are necessary for grant applications, development/preparation of plans, specifications, bike hut maintenance and estimates related to bike lane projects. In addition, provides City matching funds for grant funded bicycle facilities projects and allows for bicycle facilities improvements.

PROJECT NEED:

This project is designed to increase bicyclists' safety and mobility.

LOCATION MAP



CITYWIDE

PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Traffic Engineering	80,000	80,000	80,000	80,000	80,000	80,000	80,000
TOTAL	80,000	80,000	80,000	80,000	80,000	80,000	80,000

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	80,000	80,000	80,000	80,000	80,000	80,000	80,000
TOTAL	80,000	80,000	80,000	80,000	80,000	80,000	80,000

AGENCY:
Public Works

DIVISION:
Traffic Engineering

CONTACT:
Zdenek Kekula, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Traffic Management Plans

PROJECT CATEGORY:
*Traffic Improvements
Planning*

PROJECT DESCRIPTION:
Conduct a variety of traffic counts at various locations Citywide to collect data needed for the traffic management planning, signal priority studies, signal timing, etc., preparation of aerial maps, and to maintain the storage and management of accident and traffic investigations records.

PROJECT NEED:
1) To collect traffic data for traffic signal timing, arterial traffic studies, preparation of traffic flow maps, and to conduct new traffic signal and left turn signal needs analysis to request state and federal grants. 2) To reduce the City's liability related to traffic safety issues by maintaining the storage of and access to traffic investigations records in the computer database.

LOCATION MAP



CITYWIDE

PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Traffic Engineering	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	50,000	50,000	50,000	50,000	50,000	50,000	50,000
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	50,000	50,000	50,000	50,000	50,000	50,000	50,000

AGENCY:
Public Works

DIVISION:
Traffic Engineering

CONTACT:
Zdenek Kekula, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Traffic Safety Project Development

PROJECT CATEGORY:
*Traffic Improvements
Planning*

PROJECT DESCRIPTION:
Provides for the engineering design services that are necessary for the grant applications, environmental documents, development/preparation of plans, specification, and estimates related to traffic safety improvement projects. In addition, provides City matching funds for grant funded traffic safety projects.

PROJECT NEED:
This project is designed to increase traffic safety for all users in the City.

LOCATION MAP



CITYWIDE

PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Traffic Engineering	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	50,000	50,000	50,000	50,000	50,000	50,000	50,000
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	50,000	50,000	50,000	50,000	50,000	50,000	50,000

AGENCY:
Public Works

DIVISION:
Traffic Engineering

CONTACT:
Zdenek Kekula, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Tustin Avenue Corridor Traffic Signal Synchronization

PROJECT CATEGORY:

*Traffic Improvements
Traffic*

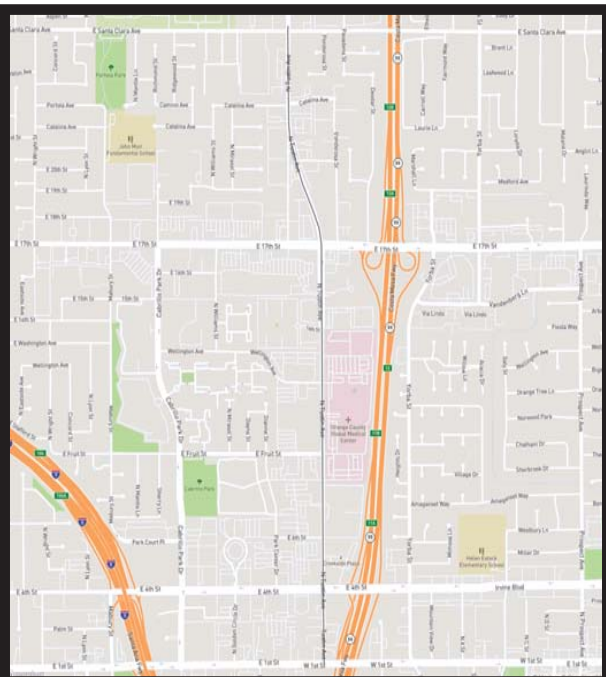
PROJECT DESCRIPTION:

To provide inter-agency traffic signal coordination and traffic infrastructure upgrades on Tustin Avenue from First Street in City of Santa Ana to Wabash Avenue in Yorba Linda. The project involves the Cities of Santa Ana, Tustin, Orange, Anaheim, Placentia, and Yorba Linda.

PROJECT NEED:

OCTA Traffic Signal Synchronization Master Plan identified that Tustin Avenue Corridor is part of countywide corridor system that needs multi-jurisdiction synchronization. This project will provide traffic signal upgrades and synchronize traffic signals across jurisdictional boundaries to reduce traffic congestion and maintain the synchronization improvements for 3 years.

LOCATION MAP



PROJECT COSTS

Construction Engineering
Traffic Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
80,000	-	-	-	-	-	-
20,000	-	-	-	-	-	-
100,000	-	-	-	-	-	-

SOURCE OF FUNDS

M2 LOCAL FAIRSHARE

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
100,000	-	-	-	-	-	-
100,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Traffic Engineering

CONTACT:
Cesar Rodriguez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Traffic Signal Equipment Replacement

PROJECT CATEGORY:
*Traffic Improvements
Traffic*

PROJECT DESCRIPTION:
Replace outdated traffic signal and monitoring equipment, such as cabinets, vehicle heads, Reflective Street Name Signs, conflict monitors, controllers, CCTV, and communication equipment, both in the field and in the traffic management center.

PROJECT NEED:
Much of the traffic signal, pedestrian and monitoring equipment in the City is old and no longer supported by the manufacturers. This equipment needs to be upgraded to maintain operations and to meet current standards.

LOCATION MAP



CITYWIDE

PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	100,000	100,000	100,000	100,000	100,000	100,000	100,000
TOTAL	100,000	100,000	100,000	100,000	100,000	100,000	100,000
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	100,000	100,000	100,000	100,000	100,000	100,000	100,000
TOTAL	100,000	100,000	100,000	100,000	100,000	100,000	100,000

AGENCY:
Public Works

DIVISION:
Traffic Engineering

CONTACT:
Cesar Rodriguez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Segerstrom Avenue/ Dyer Road Corridor Traffic Signal Synchronization

PROJECT CATEGORY:

*Traffic Improvements
Traffic*

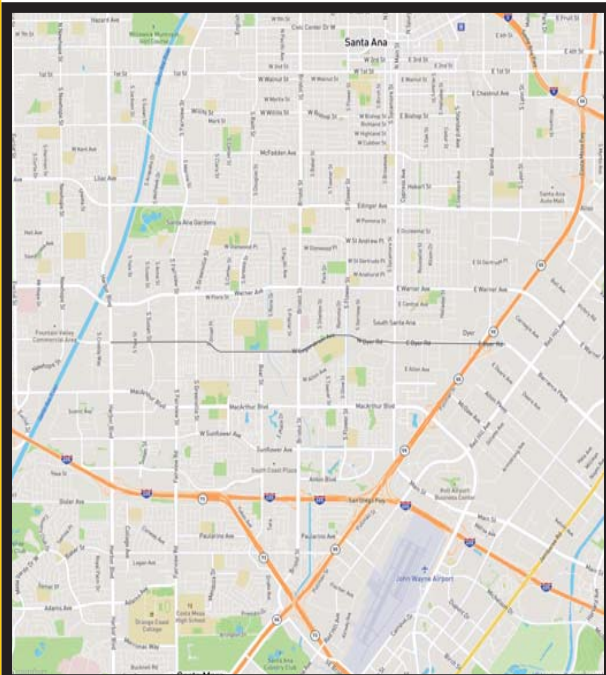
PROJECT DESCRIPTION:

To provide inter-agency traffic signal coordination and traffic infrastructure upgrades on Segerstrom Avenue/ Dyer Road from Magnolia Street in City of Fountain Valley, through Santa Ana and Caltrans to Bake Parkway in City of Irvine. The project involves the Cities of Santa Ana, Fountain Valley, Irvine and Caltrans D12.

PROJECT NEED:

OCTA Traffic Signal Synchronization Master Plan identified that Segerstrom Avenue/ Dyer Road Corridor is part of countywide corridor system that needs multi-jurisdiction synchronization. This project will provide traffic signal upgrades and synchronize traffic signals across jurisdictional boundaries to reduce traffic congestion and maintain the synchronization improvements for 3 years.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	235,000	-	-	-	-	-	-
Traffic Engineering	40,000	-	-	-	-	-	-
TOTAL	275,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
M2 LOCAL FAIRSHARE	275,000	-	-	-	-	-	-
TOTAL	275,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Traffic Engineering

CONTACT:
Cesar Rodriguez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Standard Avenue Protected Bike Lanes: 3rd to Warner

PROJECT CATEGORY:

*Traffic Improvements
Traffic Safety / Mobility*

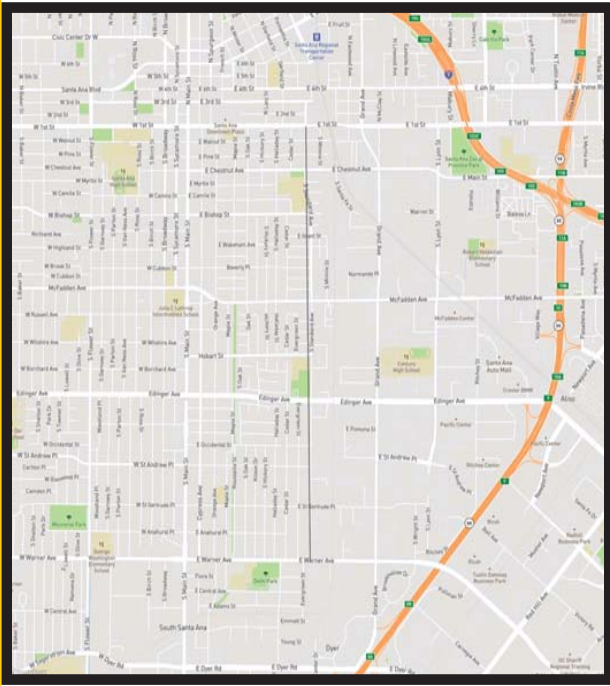
PROJECT DESCRIPTION:

Provide a protected bike lane on Standard Avenue from 3rd Street to Warner Avenue. This project will provide connections to future bike facilities.

PROJECT NEED:

Project is designed to increase pedestrian/bicyclist safety and mobility.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
5,444,000	-	-	-	-	-	-
5,444,000	-	-	-	-	-	-

SOURCE OF FUNDS

ATP - SB1 Augmentation

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
5,444,000	-	-	-	-	-	-
5,444,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Design Engineering

CONTACT:

Sean Thomas, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Warner Avenue Protected Bike Lanes (Oak to Grand)

PROJECT CATEGORY:

*Traffic Improvements
Traffic Safety / Mobility*

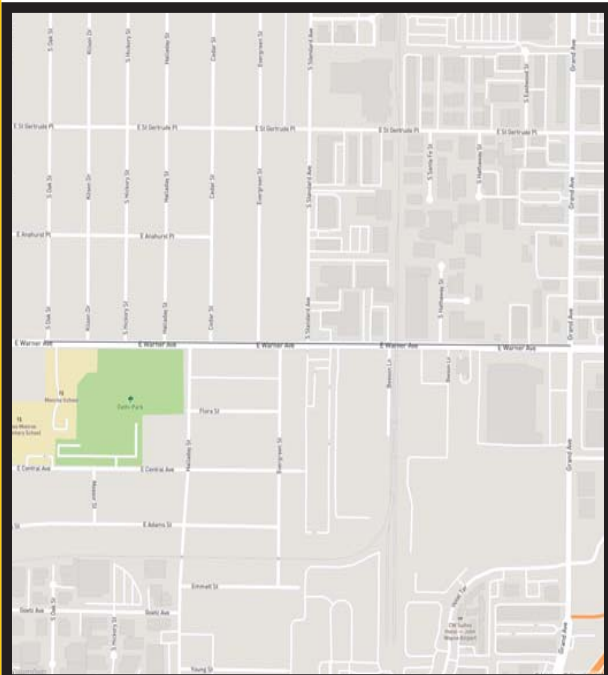
PROJECT DESCRIPTION:

Provide dedicated and protected bike lanes along Warner Avenue from Oak Street to Grand Avenue for bicyclists in order to improve perceived comfort and safety. The raised medians for bike lanes also helps reduce vehicular speeds by changing the character of the street and provide space for landscaping to improve aesthetic to the corridor.

PROJECT NEED:

This project is designed to increase bicyclists' safety and mobility.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	-	1,335,375	-	-	-	-	-
Design Engineering	12,820	-	-	-	-	-	-
Planning	5,000	-	-	-	-	-	-
TOTAL	17,820	1,335,375	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
CMAQ	-	1,022,116	-	-	-	-	-
M2 LOCAL FAIRSHARE	-	313,259	-	-	-	-	-
TSIA AREA E	17,820	-	-	-	-	-	-
TOTAL	17,820	1,335,375	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

McFadden Avenue Protected Bike Lane and Bicycle Boulevard Project: Harbor to Grand

PROJECT CATEGORY:

*Traffic Improvements
Traffic Safety / Mobility*

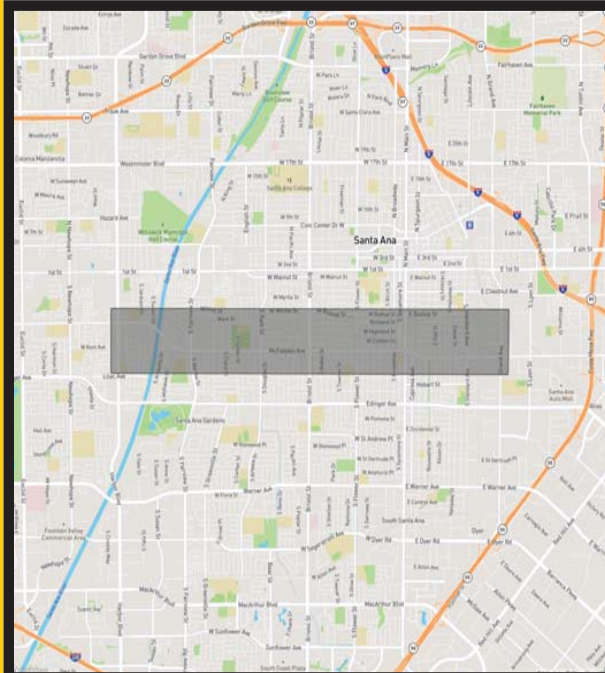
PROJECT DESCRIPTION:

Provide a Class 4 Protected Bike Lane and Class 3 Bicycle Boulevard from Harbor Boulevard to Grand Avenue in the City of Santa Ana. Project will include some pavement work, sidewalk, ramps, medians, striping and signal modifications.

PROJECT NEED:

This project is designed to increase bicyclists' safety and mobility.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	5,875,000	-	-	-	-	-	-
TOTAL	5,875,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
ATP - SB1 Augmentation	5,875,000	-	-	-	-	-	-
TOTAL	5,875,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Design Engineering

CONTACT:
Kenny Nguyen, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Kennedy Elementary and Villa Fundamental Intermediate SRTS

PROJECT CATEGORY:

*Traffic Improvements
Traffic Safety / Mobility*

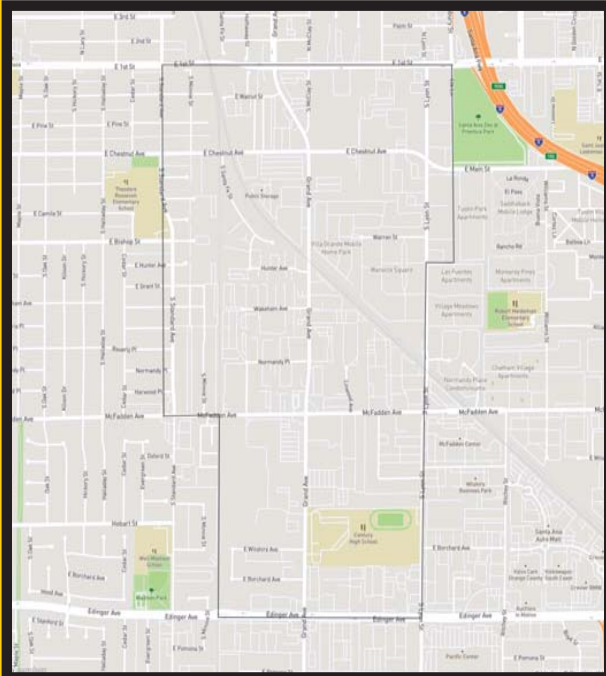
PROJECT DESCRIPTION:

Installation of bulbouts, missing sidewalk, sidewalk repairs, left turn arrows, enhance marked crosswalks, bike lanes along the safe routes to school for Kennedy Elementary and Villa Fundamental Intermediate.

PROJECT NEED:

Project is designed to increase pedestrian/bicyclist safety and mobility.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
1,291,000	-	-	-	-	-	-
1,291,000	-	-	-	-	-	-

SOURCE OF FUNDS

ATP - SB1 Augmentation

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
1,291,000	-	-	-	-	-	-
1,291,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Traffic Engineering

CONTACT:

Kenny Nguyen, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Flower Street Sewer Main Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Sewer*

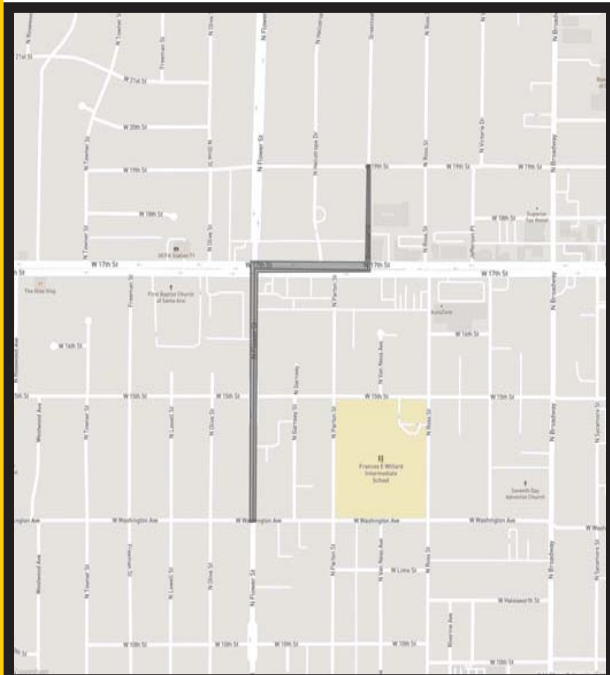
PROJECT DESCRIPTION:

Sewer capacity improvement include upsizing 1,554 feet of 12 inch pipe to 15 inch pipe, upsizing 783 feet of 10 inch pipe to 15 inch pipe, and upsizing 634 feet of 8 inch pipe to 10 inch pipe.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer capacity related issues, reduce sewer maintenance requirements and prevent sewer spills.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	1,000,000	-	-	-	-	-	-
TOTAL	1,000,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	1,000,000	-	-	-	-	-	-
TOTAL	1,000,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

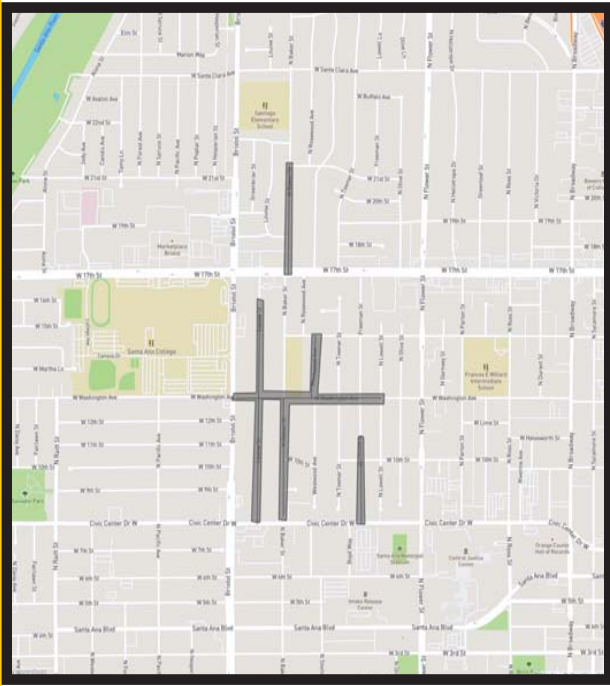
PROJECT TITLE:
Washington Square Sewer Main Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Sewer*

PROJECT DESCRIPTION:
*Construction of sanitary sewer pipe lines to replace obsolete
and/or undersized facilities.*

PROJECT NEED:
*This Project is required to maintain effective operation of the
City's sanitary sewer system, eliminate sewer main obstructions,
reduce sewer maintenance requirements, and prevent sewer
spills.*

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	1,500,000	-	-	-	-	-	-
TOTAL	1,500,000	-	-	-	-	-	-
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	1,500,000	-	-	-	-	-	-
TOTAL	1,500,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Bristol Street Sewer Main Improvements Phase 3A - Civic Center to Washington

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Sewer*

PROJECT DESCRIPTION:

Sewer lateral abandonments along the OCSD trunk sewer main in Bristol in coordination with the Bristol Street Widening Project.

PROJECT NEED:

The properties fronting the Bristol Street corridor within the project limits no longer need sewer laterals.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21

500,000

500,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

SOURCE OF FUNDS

SEWER

TOTAL

FY 20/21

500,000

500,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Willard Neighborhood Sewer Main Improvements

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Sewer*

PROJECT DESCRIPTION:

Sewer main improvements involve replacing old, deteriorating sewer mains, laterals and manholes.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements and prevent sewer spills.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21

300,000

300,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

SOURCE OF FUNDS

SEWER

TOTAL

FY 20/21

300,000

300,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

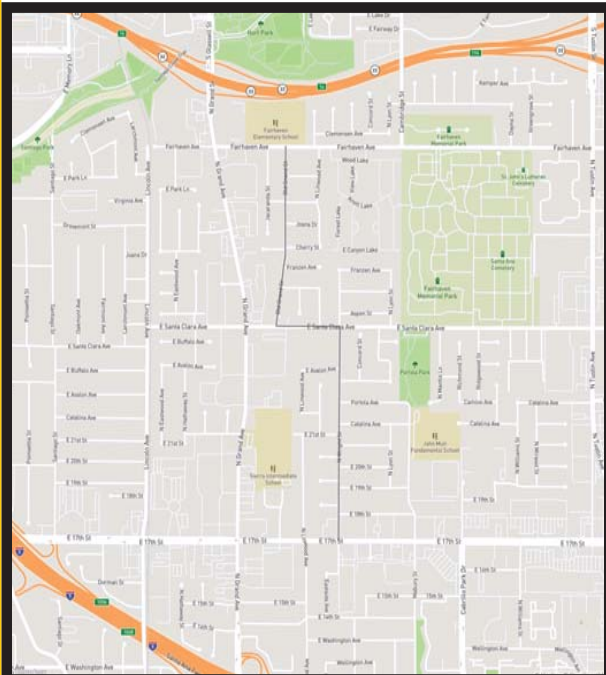
PROJECT TITLE:
Wright Street Sewer Main Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Sewer*

PROJECT DESCRIPTION:
Construction of sanitary sewer pipe lines to replace obsolete and undersized facilities.

PROJECT NEED:
This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	3,000,000	-	-	-	-	-	-
TOTAL	3,000,000	-	-	-	-	-	-
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	3,000,000	-	-	-	-	-	-
TOTAL	3,000,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

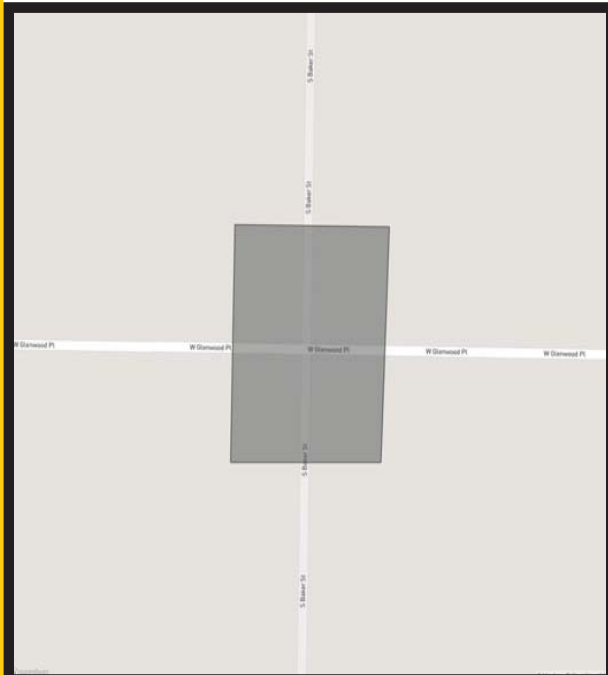
PROJECT TITLE:
Baker-Glenwood Sewer Main Upgrade

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Sewer*

PROJECT DESCRIPTION:
This project will replace existing deteriorated and over capacity sewer mains, and related sewer assets, such as manholes and laterals.

PROJECT NEED:
This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Water Engineering	50,000	-	-	-	-	-	-
TOTAL	50,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	50,000	-	-	-	-	-	-
TOTAL	50,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Santa Ana Memorial Park Neighborhood Sewer Main Improvements

PROJECT CATEGORY:

Utility/Drainage/Lighting Improvements Sewer

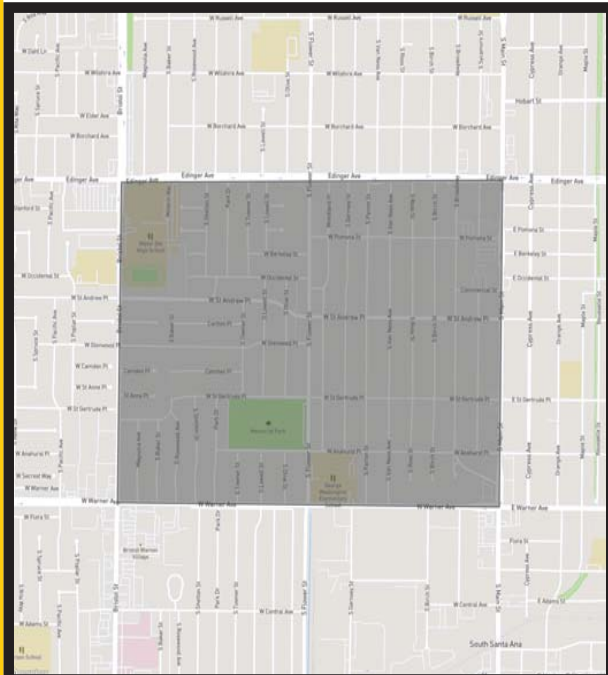
PROJECT DESCRIPTION:

This project will replace existing deteriorated and over capacity sewer mains, and related sewer assets, such as manholes and laterals.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Water Engineering	100,000	-	-	-	-	-	-
TOTAL	100,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	100,000	-	-	-	-	-	-
TOTAL	100,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Bristol/Warner Neighborhood Sewer Main Improvements

PROJECT CATEGORY:

Utility/Drainage/Lighting Improvements Sewer

PROJECT DESCRIPTION:

This project will replace existing deteriorated and over capacity sewer mains, and related sewer assets, such as manholes and laterals.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Water Engineering	100,000	-	-	-	-	-	-
TOTAL	100,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	100,000	-	-	-	-	-	-
TOTAL	100,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Fairhaven Neighborhood Sewer Main Improvements

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Sewer*

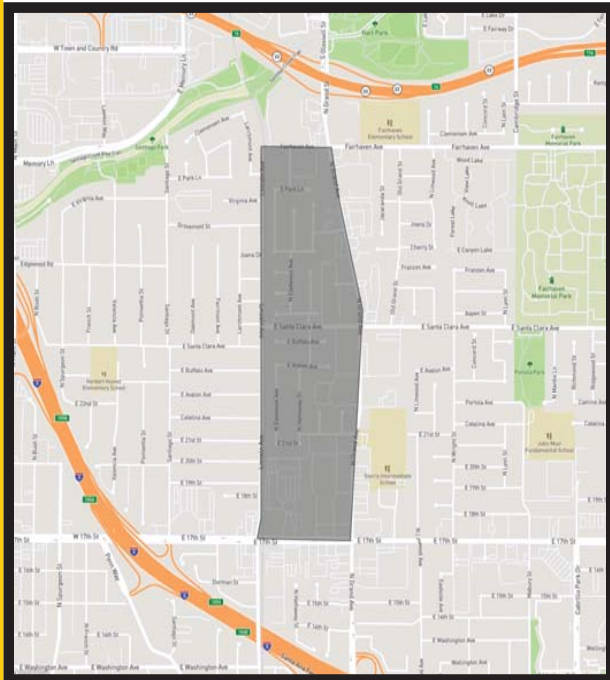
PROJECT DESCRIPTION:

This project will replace existing deteriorated and over capacity sewer mains, and related sewer assets, such as manholes and laterals.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Water Engineering	100,000	-	-	-	-	-	-
TOTAL	100,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	100,000	-	-	-	-	-	-
TOTAL	100,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Casa Bonita Neighborhood Sewer Main Improvements

PROJECT CATEGORY:

Utility/Drainage/Lighting Improvements Sewer

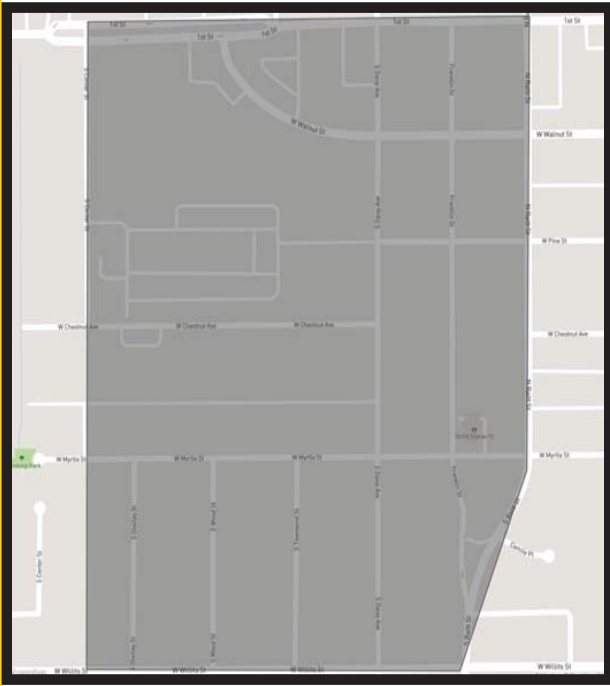
PROJECT DESCRIPTION:

This project will replace existing deteriorated and over capacity sewer mains, and related sewer assets, such as manholes and laterals.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Water Engineering	180,000	-	-	-	-	-	-
TOTAL	180,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	180,000	-	-	-	-	-	-
TOTAL	180,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
South Main Street Sewer Main Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Water*

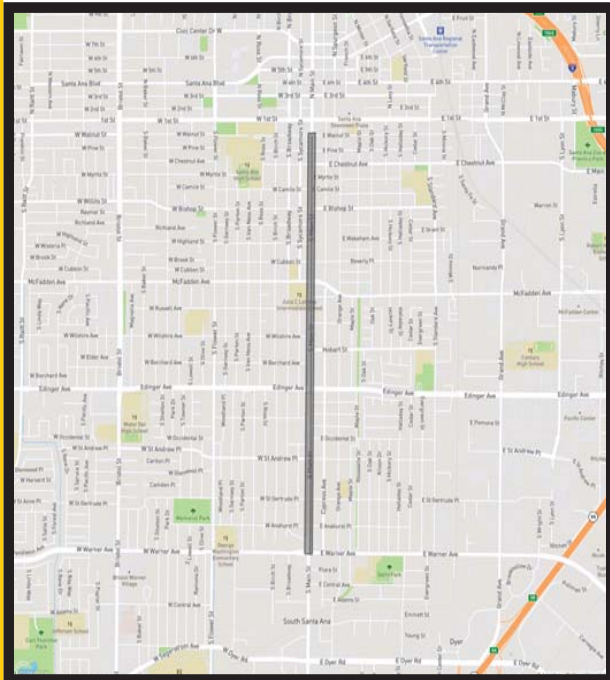
PROJECT DESCRIPTION:

This project will replace existing deteriorated and over capacity sewer mains, and related sewer assets, such as manholes and laterals.

PROJECT NEED:

This project is required to maintain effective operation of the City's sanitary sewer system, eliminate sewer main obstructions, reduce sewer maintenance requirements, and prevent sewer spills.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	2,500,000	-	-	-	-	-	-
TOTAL	2,500,000	-	-	-	-	-	-
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
SEWER	2,500,000	-	-	-	-	-	-
TOTAL	2,500,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

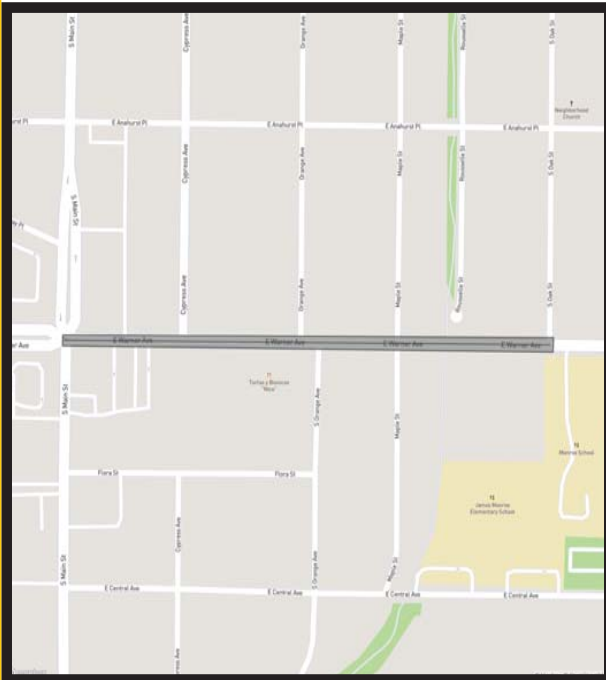
PROJECT TITLE:
Warner Avenue Widening Water Main Improvements - Main to Oak

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Water*

PROJECT DESCRIPTION:
Replace aging water distribution pipelines and related appurtenances including fire hydrants and valves in the vicinity of the Warner Avenue Widening.

PROJECT NEED:
Replacement of water mains to ensure system reliability and to protect water quality.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Consultant	1,000,000	-	-	-	-	-	-
TOTAL	1,000,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTILITY CAPITAL PROJECTS	1,000,000	-	-	-	-	-	-
TOTAL	1,000,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Bristol Street Water Main Improvements Phase 3A - Civic Center to Washington

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

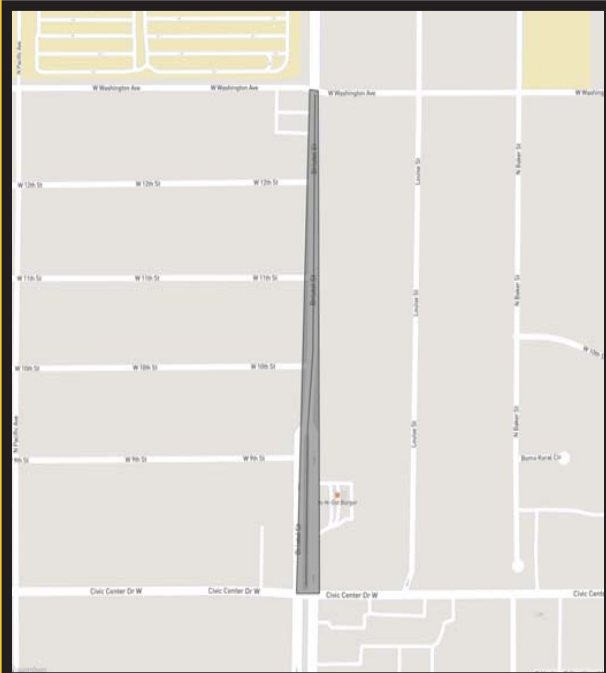
PROJECT DESCRIPTION:

Water main replacements in conjunction with Bristol Street Widening Phase 3A

PROJECT NEED:

This project will replace old, aging pipelines, valves and water services within the Bristol Street Widening Phase 3A area.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21

750,000

750,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

SOURCE OF FUNDS

WTR UTILITY CAPITAL PROJECTS

TOTAL

FY 20/21

750,000

750,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Bristol Street Water Main Improvements Phase 4 - Warner to Saint Andrew

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

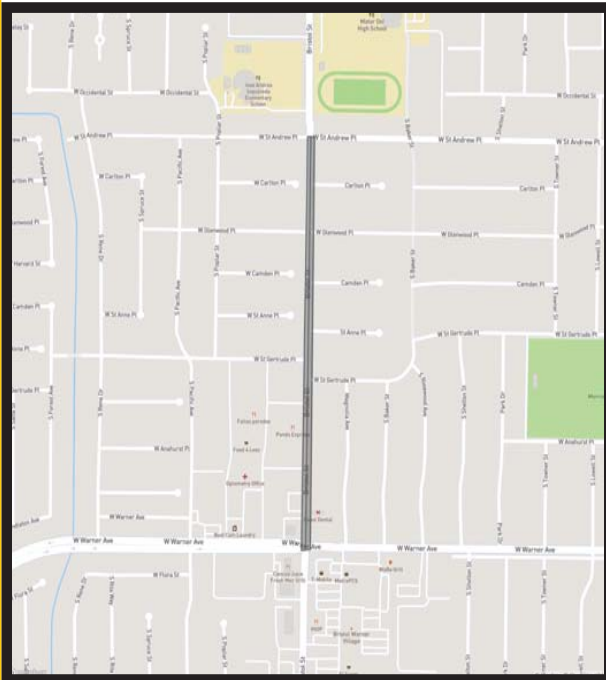
PROJECT DESCRIPTION:

Water main improvements in coordination with the Bristol Street Widening Project, Ph. 4

PROJECT NEED:

Replace aging water main, valves and related appurtenances prior to street widening.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
1,000,000	-	-	-	-	-	-
1,000,000	-	-	-	-	-	-

SOURCE OF FUNDS

WTR UTILITY CAPITAL PROJECTS

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
1,000,000	-	-	-	-	-	-
1,000,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

*Warner Avenue Water Main Improvements -
Bristol to Main*

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

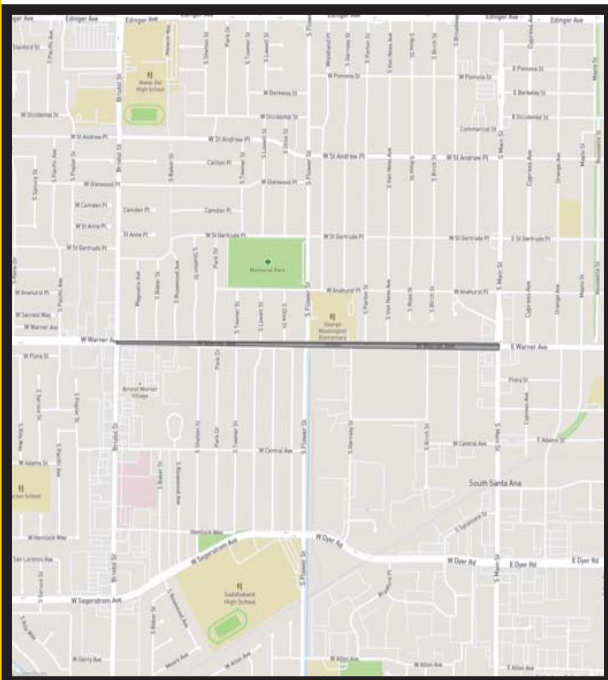
PROJECT DESCRIPTION:

*Replace aging water distribution pipelines and related
appurtenances including fire hydrants and valves.*

PROJECT NEED:

*Replacement of obsolete water mains to ensure system
reliability and to protect water quality.*

LOCATION MAP



PROJECT COSTS

Construction Progress Pay

TOTAL

FY 20/21

150,000

150,000

FY 21/22

-

-

FY 22/23

-

-

FY 23/24

-

-

FY 24/25

-

-

FY 25/26

-

-

FY 26/27

-

-

SOURCE OF FUNDS

WTR UTILITY CAPITAL
PROJECTS

TOTAL

FY 20/21

150,000

150,000

FY 21/22

-

-

FY 22/23

-

-

FY 23/24

-

-

FY 24/25

-

-

FY 25/26

-

-

FY 26/27

-

-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Fisher Park Neighborhood Water Improvements

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

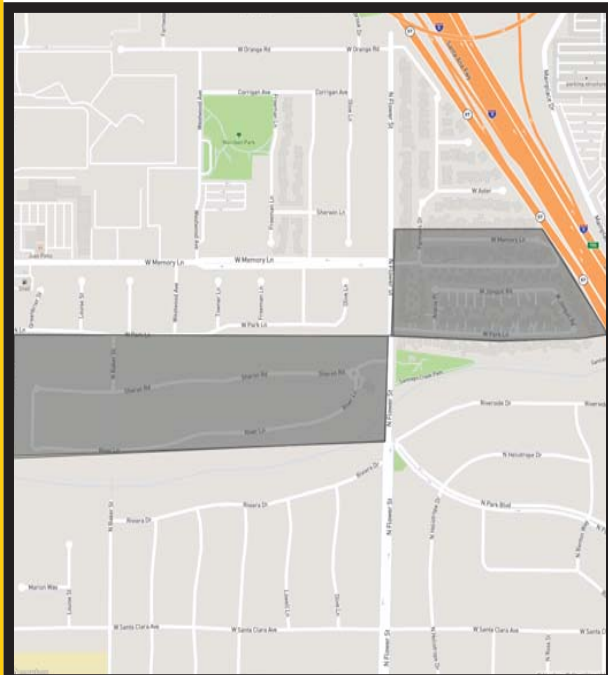
PROJECT DESCRIPTION:

Replace aging water distribution pipelines and related appurtenances including fire hydrants and valves in the Fisher Park Neighborhood.

PROJECT NEED:

Replacement of obsolete water mains to ensure system reliability and protect water quality

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	2,300,000	-	-	-	-	-	-
TOTAL	2,300,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	2,300,000	-	-	-	-	-	-
TOTAL	2,300,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Saint Gertrude and Grand Avenue Water Main Replacement

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

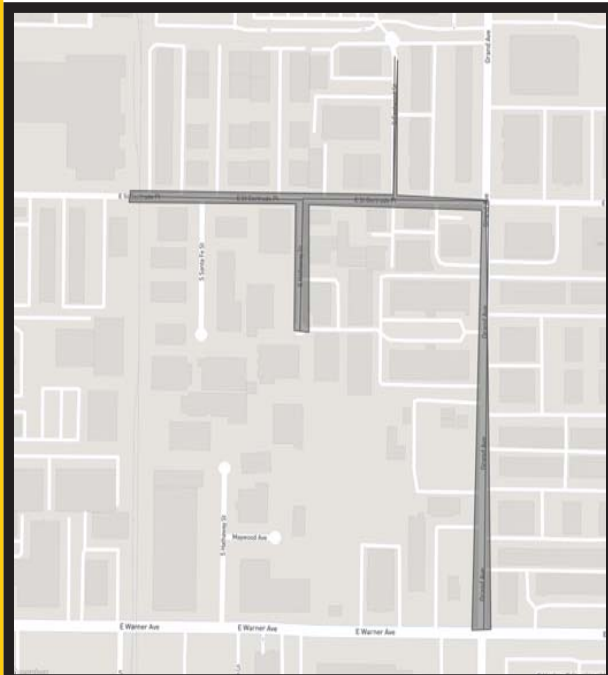
PROJECT DESCRIPTION:

Replace aging water distribution pipelines and related appurtenances including fire hydrants and valves.

PROJECT NEED:

Replacement of obsolete water mains to ensure system reliability and to protect water quality.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	1,500,000	-	-	-	-	-	-
TOTAL	1,500,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTILITY CAPITAL PROJECTS	1,500,000	-	-	-	-	-	-
TOTAL	1,500,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

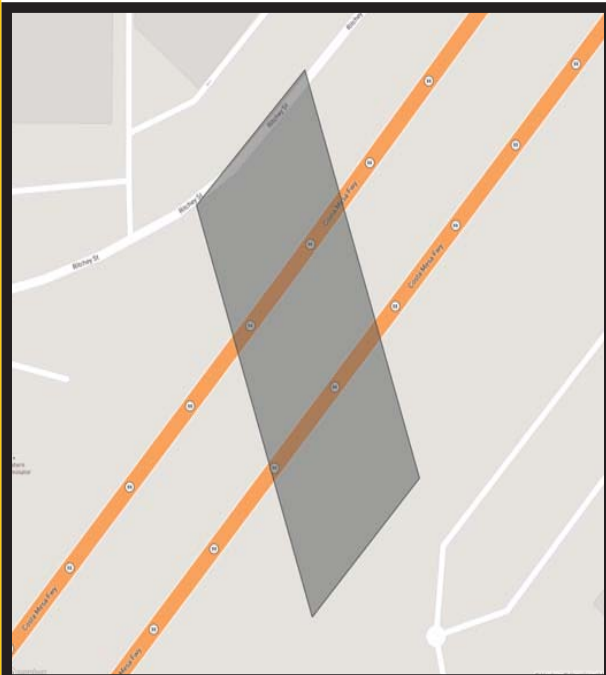
PROJECT TITLE:
SR-55 Widening - Water Main Relocation

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Water*

PROJECT DESCRIPTION:
Relocate 12" and 24" water mains crossing SR-55 near Warner

PROJECT NEED:
Relocation is needed to accommodate OCTA/Caltrans SR-55 widening project.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	2,000,000	-	-	-	-	-	-
TOTAL	2,000,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	2,000,000	-	-	-	-	-	-
TOTAL	2,000,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Santa Ana Blvd Crossings Water Main Improvements

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

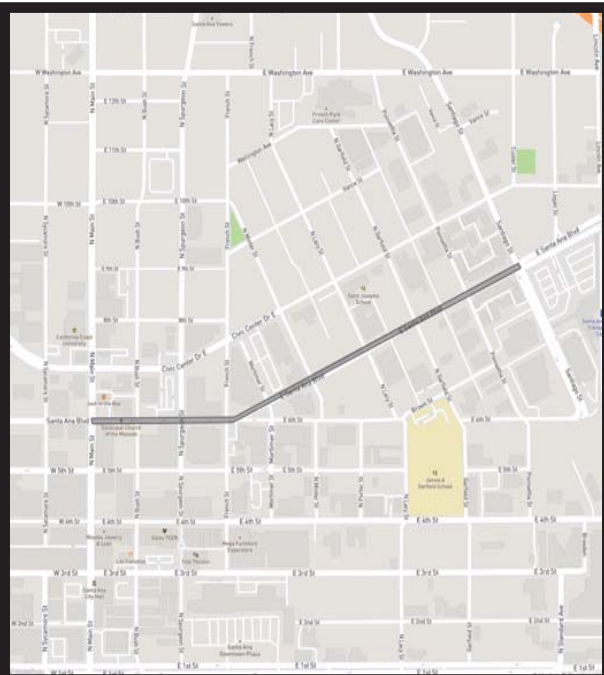
PROJECT DESCRIPTION:

This project will replace aging water mains along Santa Ana Blvd in the Lacy neighborhood.

PROJECT NEED:

This project is needed in order to accommodate the OC Streetcar project.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21

750,000

750,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

SOURCE OF FUNDS

WTR UTY CAPITAL
PROJECTS

TOTAL

FY 20/21

750,000

750,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-	-
-	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
SR-55 Widening - Ritchey Street Water Main Relocation

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Water*

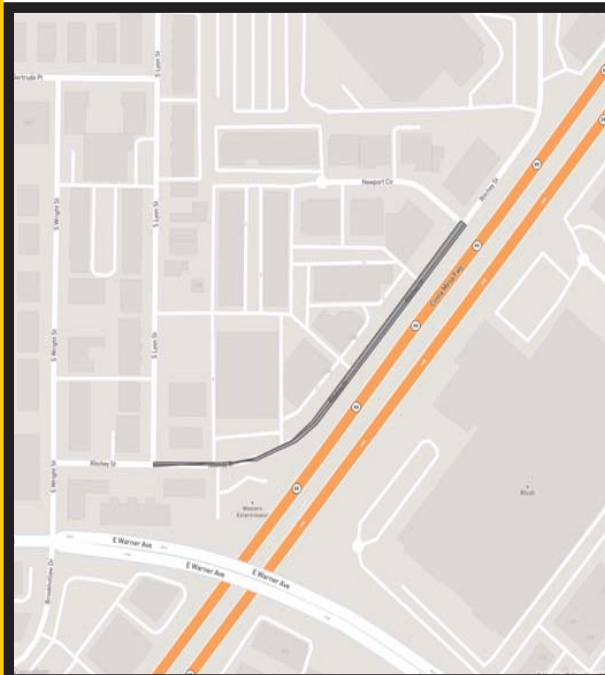
PROJECT DESCRIPTION:

Relocate water main on Ritchey Street as part of SR-55 widening project.

PROJECT NEED:

Relocation is needed to accommodate OCTA/Caltrans SR-55 widening project.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	1,500,000	-	-	-	-	-	-
TOTAL	1,500,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	1,500,000	-	-	-	-	-	-
TOTAL	1,500,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

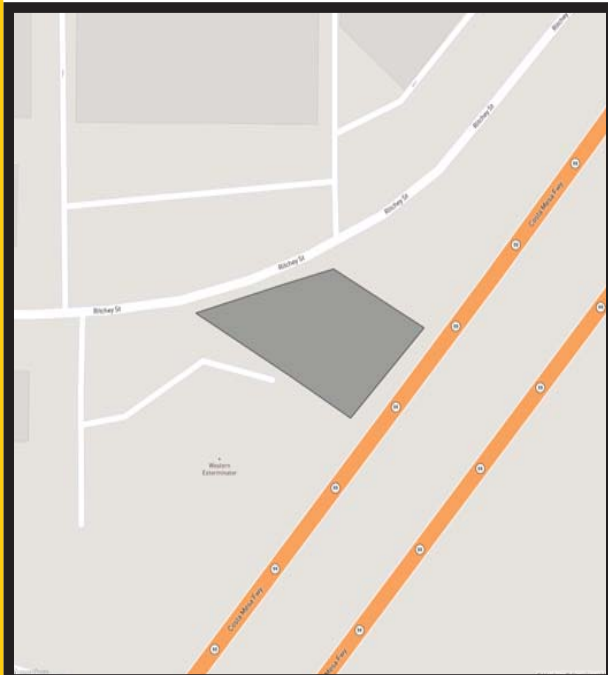
PROJECT TITLE:
SR-55 Widening - SA-7 Relocation

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Water*

PROJECT DESCRIPTION:
Relocation of SA-7 pressure regulating station.

PROJECT NEED:
Relocation is needed to accommodate OCTA/Caltrans SR-55 widening project.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	3,100,000	-	-	-	-	-	-
TOTAL	3,100,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	3,100,000	-	-	-	-	-	-
TOTAL	3,100,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Well No. 29 - Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Municipal Facilities*

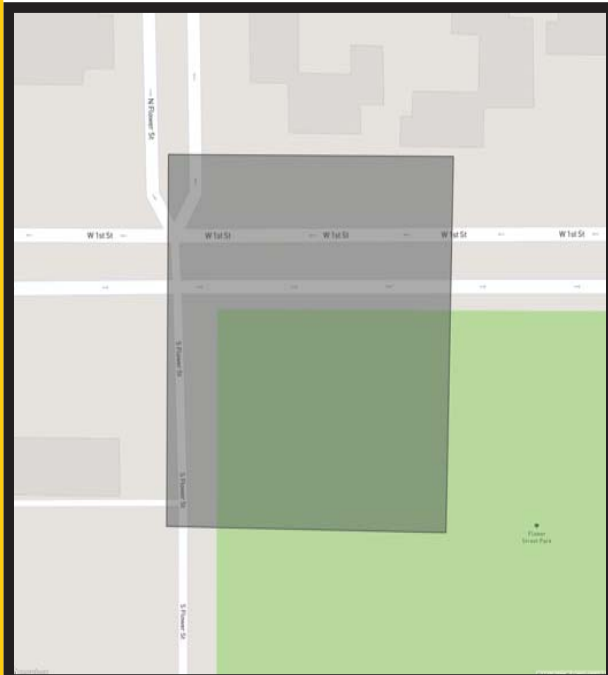
PROJECT DESCRIPTION:

This project will rebuild components of the existing Well No. 29 damaged by a vehicular accident. The project will include making well site improvements such as a secure perimeter wall, well house and associated electrical and piping components.

PROJECT NEED:

This well site was damaged by a vehicular accident and is currently non-operable. Improvements to the electrical, disinfection treatment train, and piping components are necessary to return this asset to service.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	4,500,000	-	-	-	-	-	-
TOTAL	4,500,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTILITY CAPITAL PROJECTS	4,500,000	-	-	-	-	-	-
TOTAL	4,500,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Well No. 32 - Rehabilitation

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Municipal Facilities*

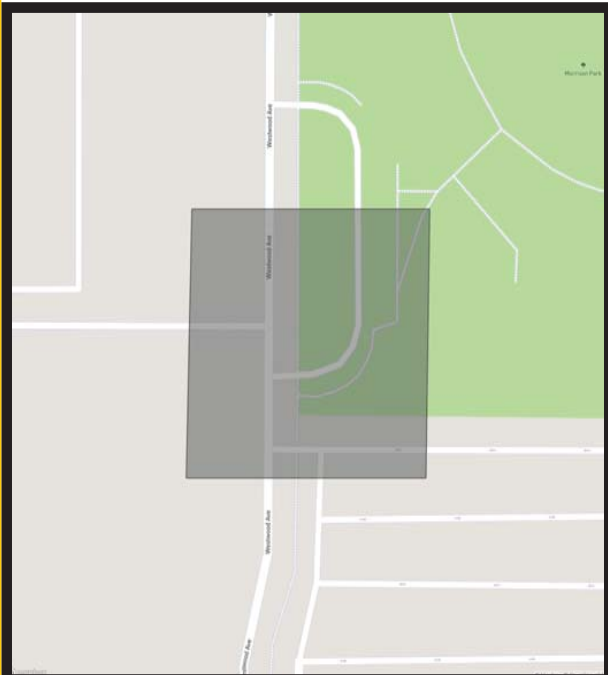
PROJECT DESCRIPTION:

Rehabilitate the well and bring facility up to current codes and standards. Improvements include upgrading the power supply, motor control systems, Supervisory Control and Data Acquisition (SCADA) system, and constructing new discharge pipeline.

PROJECT NEED:

This project is required to maintain effective operation of the City's water system and to provide reliability to the City water supply.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	6,000,000	-	-	-	-	-	-
TOTAL	6,000,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	6,000,000	-	-	-	-	-	-
TOTAL	6,000,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
SA-2 Vault Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Municipal Facilities*

PROJECT DESCRIPTION:

This project will replace the existing vault and mechanical, electrical, instrumentation and controls systems.

PROJECT NEED:

Replacement of this water connection will ensure system reliability and availability to the City's customers.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Progress Pay	400,000	-	-	-	-	-	-
Right-of-Way Acquisition	150,000	-	-	-	-	-	-
TOTAL	550,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTILITY CAPITAL PROJECTS	550,000	-	-	-	-	-	-
TOTAL	550,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

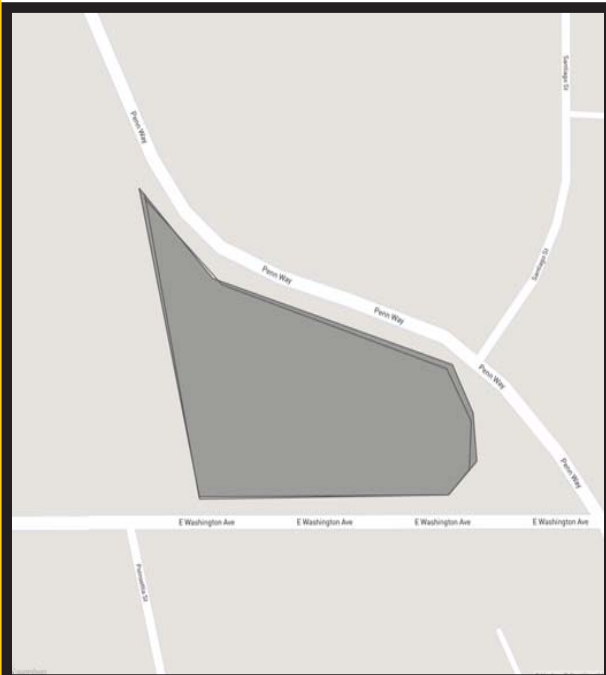
PROJECT TITLE:
Washington Well Site Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Water*

PROJECT DESCRIPTION:
Design of a new groundwater well.

PROJECT NEED:
A new well will help increase the reliability, performance and customer experience.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Progress Pay	300,000	-	-	-	-	-	-
TOTAL	300,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	300,000	-	-	-	-	-	-
TOTAL	300,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

East & West Reservoirs Chlorine Buildings

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Water*

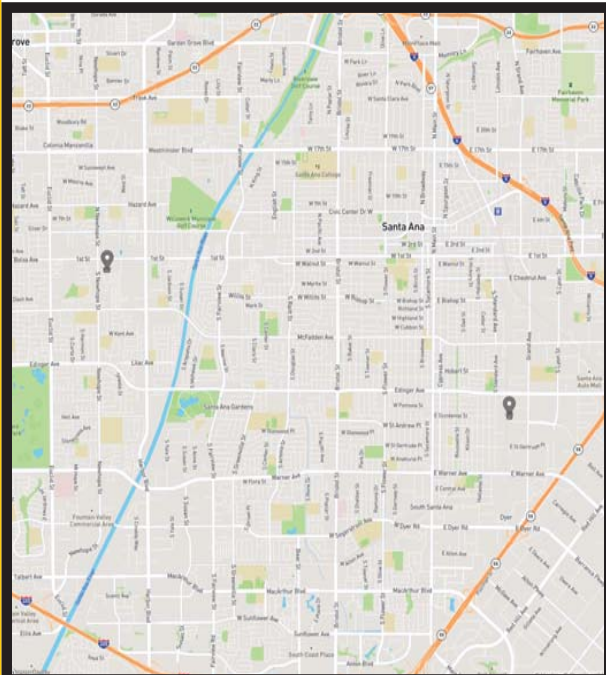
PROJECT DESCRIPTION:

This project include the construction of a building dedicated to hold all water treatment equipment and related appurtenances.

PROJECT NEED:

This project is required to ensure water treatment compliance with all water treatment regulations and water availability to the City's customers.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	1,000,000	-	-	-	-	-	-
TOTAL	1,000,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	1,000,000	-	-	-	-	-	-
TOTAL	1,000,000	-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Water Resources

CONTACT:

Armando Fernandez, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

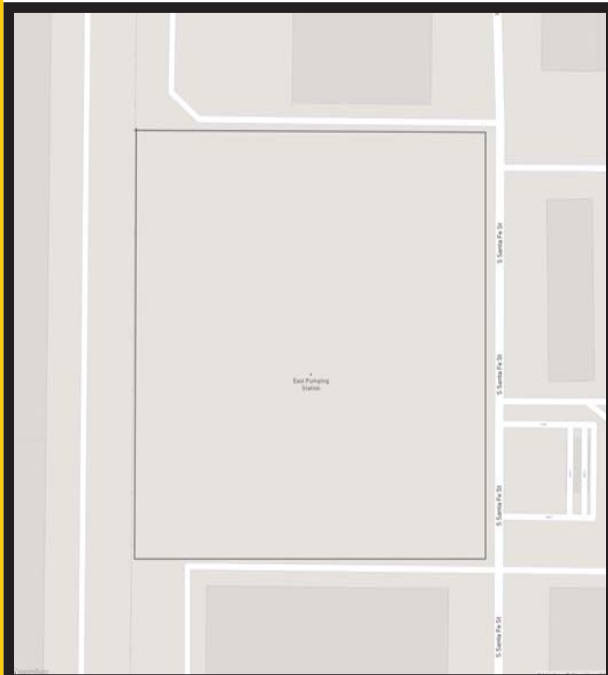
PROJECT TITLE:
East Station Security Fencing Improvements

PROJECT CATEGORY:
*Utility/Drainage/Lighting Improvements
Municipal Facilities*

PROJECT DESCRIPTION:
Install enhanced security fencing around the perimeter of East Pumping station. Improvements include structural fencing and a new access gate

PROJECT NEED:
Existing fencing has become damaged due to trespassers. The site is more vulnerable to vandalism and potential water system tampering.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	750,000	-	-	-	-	-	-
TOTAL	750,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
WTR UTY CAPITAL PROJECTS	750,000	-	-	-	-	-	-
TOTAL	750,000	-	-	-	-	-	-

AGENCY:
Public Works

DIVISION:
Water Resources

CONTACT:
Armando Fernandez, Senior Civil Engineer

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

*Warner Avenue Storm Drain Improvements:
Phase 1 - Main to Oak*

PROJECT CATEGORY:

*Utility/Drainage/Lighting Improvements
Storm Drain/Water Quality*

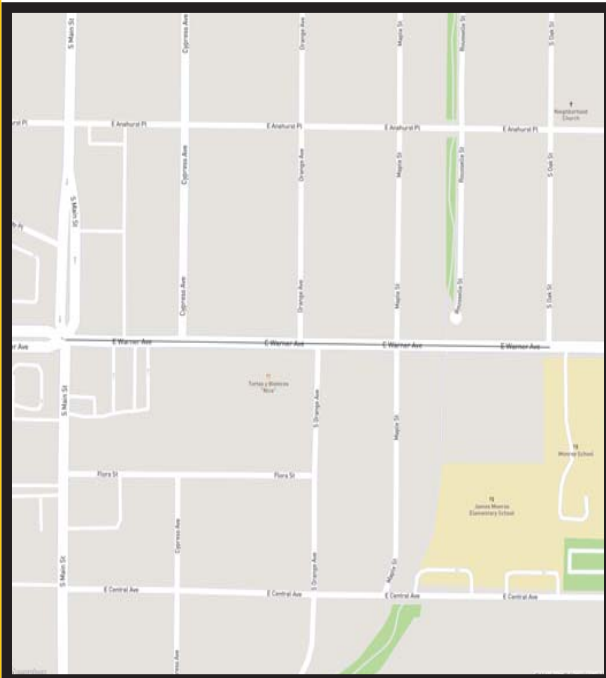
PROJECT DESCRIPTION:

Project will provide a new storm drain facility along Warner.

PROJECT NEED:

The City's Storm Drain Master Plan (SDMP) has been developed to prioritize and recommend improvements to existing storm drain facilities. This storm drain facility along Warner Avenue (Main to Oak) is identified as a high priority in the SDMP.

LOCATION MAP



PROJECT COSTS

Construction Engineering

TOTAL

FY 20/21

800,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-
-	-	-	-	-	-

SOURCE OF FUNDS

M2 LOCAL FAIRSHARE

TOTAL

FY 20/21

800,000

FY 21/22

FY 22/23

FY 23/24

FY 24/25

FY 25/26

FY 26/27

-	-	-	-	-	-
-	-	-	-	-	-

AGENCY:

Public Works

DIVISION:

Design Engineering

CONTACT:

Kenny Nguyen, Senior Civil Engineer

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Cabrillo Irrigation Renovation

PROJECT CATEGORY:
*Park Facility Improvements
Park Facility*

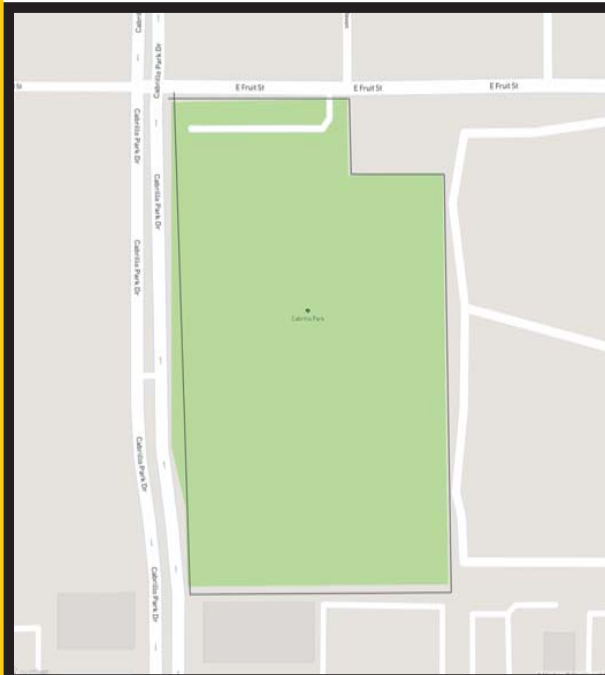
PROJECT DESCRIPTION:

Design and installation of a ew State of the Art automatic irrigation system throughout the Cabrillo Park site.

PROJECT NEED:

The existing irrigation system is an old hydraulic system with a transit main line pipe. The system continually breaks down and is unreliable. Through the years, many of the irrigation heads have been replaced with the wrong nozzles that have compromised the efficiency of the watering in the park and creates many dry brown spots.

LOCATION MAP



PROJECT COSTS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	271,739	-	-	-	-	-	-
Design Engineering	28,261	-	-	-	-	-	-
TOTAL	300,000	-	-	-	-	-	-

SOURCE OF FUNDS

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
A & D District 2	300,000	-	-	-	-	-	-
TOTAL	300,000	-	-	-	-	-	-

AGENCY:
Parks, Rec. & Community Services

DIVISION:
Administration

CONTACT:
Ron Ono, Administrative Services Manager

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:

Pacific Electric Bike Trail Lighting Phase II

PROJECT CATEGORY:

*Park Facility Improvements
Park Facility*

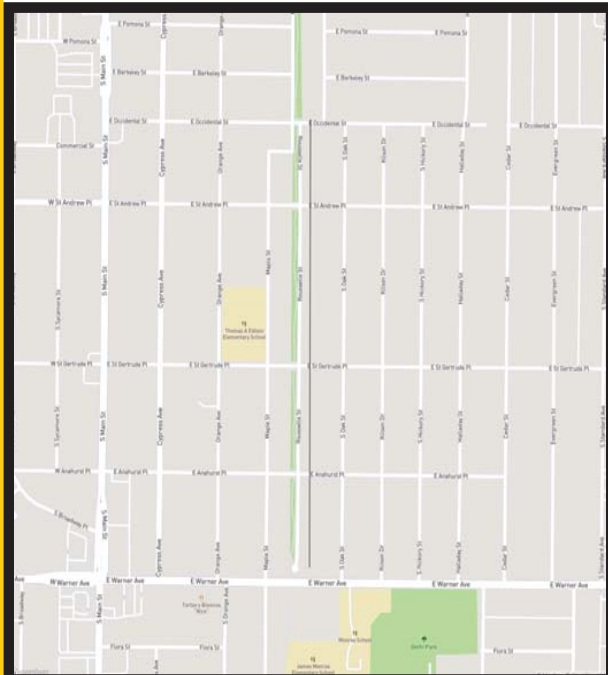
PROJECT DESCRIPTION:

Design and installation of security lighting on the Pacific Electric Bike trail from Occidental to Warner Ave.

PROJECT NEED:

Phase I Security Lighting on the Pacific Electric Bike Trail (McFadden to Occidental) is under construction. Phase II will continue the security lighting south along the Pacific Electric Bike Trail. Residents that are bicycling, jogging, walking and exercising along this popular trail system heavily use the bike trail, and security lighting is needed to keep the trail system safe.

LOCATION MAP



PROJECT COSTS

Construction Engineering
Design Engineering

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
452,900	-	-	-	-	-	-
47,100	-	-	-	-	-	-
500,000	-	-	-	-	-	-

SOURCE OF FUNDS

A & D District 3

TOTAL

FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
500,000	-	-	-	-	-	-
500,000	-	-	-	-	-	-

AGENCY:

Parks, Rec. & Community Services

DIVISION:

Administration

CONTACT:

Ron Ono, Administrative Services Manager

DATE:

04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

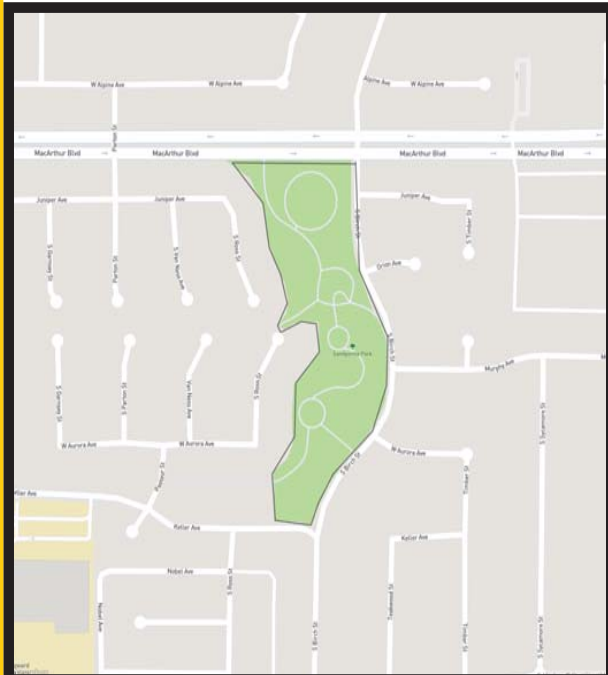
PROJECT TITLE:
Sandpointe Park Security Lighting

PROJECT CATEGORY:
*Park Facility Improvements
Park Facility*

PROJECT DESCRIPTION:
Replacement of existing security lighting with State of the Art LED lighting.

PROJECT NEED:
Sandpointe Park has an old existing security lighting system that needs replacement. The existing lighting does not provide enough light in the park. Replacement with new fixtures and LED lighting will provide a white light, increase the light level in the park and use less energy.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	271,739	-	-	-	-	-	-
Design Engineering	28,261	-	-	-	-	-	-
TOTAL	300,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
A & D District 3	300,000	-	-	-	-	-	-
TOTAL	300,000	-	-	-	-	-	-

AGENCY:
Parks, Rec. & Community Services

DIVISION:
Administration

CONTACT:
Ron Ono, Administrative Services Manager

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21 CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

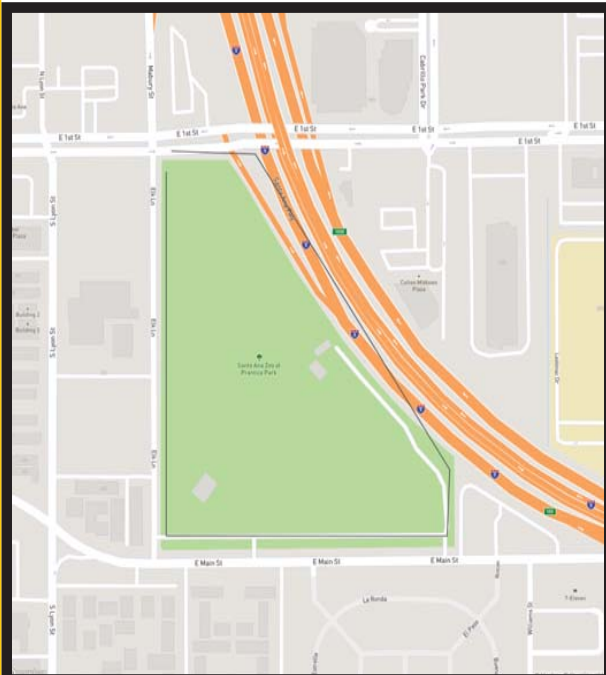
PROJECT TITLE:
Santa Ana Zoo Giant River Otter Habitat

PROJECT CATEGORY:
*Park Facility Improvements
Park Facility*

PROJECT DESCRIPTION:
Renovate the existing Amazon Edge Exhibit into a new Giant River Otter Exhibit.

PROJECT NEED:
The existing Amazon Edge Exhibit needs complete renovation to its water circulation and pumping system. In addition, AZA indicated the SA Zoo needs updated exhibits to regain accreditations. The old Amazon Edge Exhibit will be completely redesigned into a new Giant River Otter Exhibit with an underwater viewing area. The improvements will also include a monkey highway through the trees and landscape to bring the animal closer to the viewers. Majority of the funding has already been approved. Additional funding is needed to close the gap. Plans are 95% completed and ready to be released for competitive bids.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	2,000,000	-	-	-	-	-	-
TOTAL	2,000,000	-	-	-	-	-	-
SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
A & D District 3	2,000,000	-	-	-	-	-	-
TOTAL	2,000,000	-	-	-	-	-	-

AGENCY:
Parks, Rec. & Community Services

DIVISION:
Administration

CONTACT:
Ron Ono, Administrative Services Manager

DATE:
04-May-2020

**CITY OF SANTA ANA FY20/21CIP
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

PROJECT TITLE:
Morrison Park Security Lighting

PROJECT CATEGORY:
*Park Facility Improvements
Park Facility*

PROJECT DESCRIPTION:
Installation of new security lighting in the park.

PROJECT NEED:
Morrison Park does not have any security lighting in the park. LED lighting is needed to keep the park safe. Last year funding was provided to design the new LED security lighting system. Plans are completed and project is ready to be release for competitive bids.

LOCATION MAP



PROJECT COSTS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Construction Engineering	250,000	-	-	-	-	-	-
TOTAL	250,000	-	-	-	-	-	-

SOURCE OF FUNDS	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
A & D District 2	250,000	-	-	-	-	-	-
TOTAL	250,000	-	-	-	-	-	-

AGENCY:
Parks, Rec. & Community Services

DIVISION:
Administration

CONTACT:
Ron Ono, Administrative Services Manager

DATE:
04-May-2020

CITY OF SANTA ANA
SEVEN-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2020/2021 - FY 2026/2027

7/7/2020

PROJECTS	CDBG	CAPITAL	WATER	SEWER	AREA	A & D	GAS TAX	MEASURE	OTHER	TOTAL	
		OUTLAY	CAPITAL		FEES	FUNDS		M2			
I. STREET IMPROVEMENTS											
FY 20/21 PLANNING											
1. Pavement Management								250,000		250,000	
2. Project Development								150,000		150,000	
3. Right-of-Way Management								150,000		150,000	
<i>Subtotal FY 20/21 Planning</i>								550,000		550,000	
FY 20/21 CURB, GUTTER, SIDEWALK IMPROVEMENTS											
4. Omnibus Concrete Program Support							50,000			50,000	
<i>Subtotal FY 20/21 Curb, Gutter, Sidewalk Improvements</i>								50,000		50,000	
FY 20/21 LOCAL STREET RESURFACING											
5. Local Street Preventative Maintenance								2,290,419		2,290,419	
<i>Subtotal FY 20/21 Local Street Resurfacing</i>								2,290,419		2,290,419	
FY 20/21 ARTERIAL STREET REHABILITATION											
6. 17th Street Rehabilitation: Bristol to Flower								1,050,000	(1)	1,050,000	
7. 17th Street Rehabilitation: Fairview to Bristol								790,000	(1)	790,000	
8. Alton Avenue Rehabilitation: Main to Standard								770,000	(1)	770,000	
9. Fairview Avenue Rehabilitation: City to Segerstrom								2,188,389	(1)	2,188,389	
10. Flower Street Rehabilitation: McFadden to 1st								700,000	(1)	700,000	
11. MacArthur Boulevard Rehabilitation: Fairview to Raitt								880,000	(1)	880,000	
<i>Subtotal FY 20/21 Arterial Street Rehabilitation</i>								6,378,389		6,378,389	
FY 20/21 STREET/BRIDGE IMPROVEMENTS & WIDENING											
12. SR-55 Widening Project									90,000	(3)	90,000
13. Bridge Preventative Maintenance Program (BPMP)							32,000			32,000	
14. Bristol Street Improvements and Widening: Phase 3A - Civic Center to Washington					130,000	Area F		159,879	(2)	3,563,452	
15. Bristol Street Improvements and Widening: Phase 4 - Warner to Saint Andrew								426,618	(2)	8,109,321	
								181,497	(5)		
								7,501,206	(6)		

I. STREET IMPROVEMENTS

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
FY 20/21 ARTERIAL STREET REHABILITATION										
16. Warner Avenue Improvements: Phase 1 - Main to Oak					101,930	Area E				101,930
<i>Subtotal FY 20/21 Street/Bridge Improvements & Widening</i>					<i>231,930</i>		<i>32,000</i>		<i>11,632,773</i>	<i>11,896,703</i>
FY 21/22 PLANNING										
1. Pavement Management								250,000		250,000
2. Project Development								150,000		150,000
3. Right-of-Way Management								150,000		150,000
<i>Subtotal FY 21/22 Planning</i>								<i>550,000</i>		<i>550,000</i>
FY 21/22 CURB, GUTTER, SIDEWALK IMPROVEMENTS										
4. Omnibus Concrete								50,000		50,000
<i>Subtotal FY 21/22 Curb, Gutter, Sidewalk Improvements</i>								<i>50,000</i>		<i>50,000</i>
FY 21/22 LOCAL STREET RESURFACING										
5. Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY 21/22 Local Street Resurfacing</i>								<i>3,000,000</i>		<i>3,000,000</i>
FY 22/23 PLANNING										
1. Pavement Management								250,000		250,000
2. Project Development								150,000		150,000
3. Right-of-Way Management								150,000		150,000
<i>Subtotal FY 22/23 Planning</i>								<i>550,000</i>		<i>550,000</i>
FY 22/23 CURB, GUTTER, SIDEWALK IMPROVEMENTS										
4. Omnibus Concrete								50,000		50,000
<i>Subtotal FY 22/23 Curb, Gutter, Sidewalk Improvements</i>								<i>50,000</i>		<i>50,000</i>
FY 22/23 LOCAL STREET RESURFACING										
5. Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY 22/23 Local Street Resurfacing</i>								<i>3,000,000</i>		<i>3,000,000</i>

I. STREET IMPROVEMENTS

FY 23/24 PLANNING

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
1. Pavement Management								250,000		250,000
2. Project Development								150,000		150,000
3. Right-of-Way Management								150,000		150,000
<i>Subtotal FY 23/24 Planning</i>								<i>550,000</i>		<i>550,000</i>
FY 23/24 CURB, GUTTER, SIDEWALK IMPROVEMENTS										
4. Omnibus Concrete							50,000			50,000
<i>Subtotal FY 23/24 Curb, Gutter, Sidewalk Improvements</i>								<i>50,000</i>		<i>50,000</i>
FY 23/24 LOCAL STREET RESURFACING										
5. Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY 23/24 Local Street Resurfacing</i>								<i>3,000,000</i>		<i>3,000,000</i>
FY 24/25 PLANNING										
1. Pavement Management								250,000		250,000
2. Project Development								150,000		150,000
3. Right-of-Way Management								150,000		150,000
<i>Subtotal FY 24/25 Planning</i>								<i>550,000</i>		<i>550,000</i>
FY 24/25 CURB, GUTTER, SIDEWALK IMPROVEMENTS										
4. Omnibus Concrete							50,000			50,000
<i>Subtotal FY 24/25 Curb, Gutter, Sidewalk Improvements</i>								<i>50,000</i>		<i>50,000</i>
FY 24/25 LOCAL STREET RESURFACING										
5. Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY 24/25 Local Street Resurfacing</i>								<i>3,000,000</i>		<i>3,000,000</i>
FY 25/26 PLANNING										
1. Pavement Management								250,000		250,000
2. Project Development								150,000		150,000
3. Right-of-Way Management								150,000		150,000
<i>Subtotal FY 25/26 Planning</i>								<i>550,000</i>		<i>550,000</i>

I. STREET IMPROVEMENTS

FY 25/26 CURB, GUTTER, SIDEWALK IMPROVEMENTS

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL	
4. Omnibus Concrete							50,000			50,000	
<i>Subtotal FY 25/26 Curb, Gutter, Sidewalk Improvements</i>							<i>50,000</i>			<i>50,000</i>	
FY 25/26 LOCAL STREET RESURFACING											
5. Local Street Preventative Maintenance								3,000,000		3,000,000	
<i>Subtotal FY 25/26 Local Street Resurfacing</i>							<i>3,000,000</i>			<i>3,000,000</i>	
FY 26/27 PLANNING											
1. Pavement Management								250,000		250,000	
2. Project Development								150,000		150,000	
3. Right-of-Way Management								150,000		150,000	
<i>Subtotal FY 26/27 Planning</i>							<i>550,000</i>			<i>550,000</i>	
FY 26/27 CURB, GUTTER, SIDEWALK IMPROVEMENTS											
4. Omnibus Concrete							50,000			50,000	
<i>Subtotal FY 26/27 Curb, Gutter, Sidewalk Improvements</i>							<i>50,000</i>			<i>50,000</i>	
FY 26/27 LOCAL STREET RESURFACING											
5. Local Street Preventative Maintenance								3,000,000		3,000,000	
<i>Subtotal FY 26/27 Local Street Resurfacing</i>							<i>3,000,000</i>			<i>3,000,000</i>	
TOTAL STREET IMPROVEMENTS							382,000	24,140,419	18,011,162		42,765,511

II. TRAFFIC IMPROVEMENTS

FY 20/21 PLANNING

17. Bike Lane Project Development								80,000		80,000
18. Traffic Management Plans								50,000		50,000
19. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY 20/21 Planning</i>								<i>180,000</i>		<i>180,000</i>

II. TRAFFIC IMPROVEMENTS

FY 20/21 TRAFFIC IMPROVEMENTS

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL	
20. Tustin Avenue Corridor Traffic Signal Synchronization								100,000		100,000	
21. Traffic Signal Equipment Replacement								100,000		100,000	
22. Segerstrom Avenue/Dyer Road Corridor Traffic Signal Synchronization								275,000		275,000	
<i>Subtotal FY 20/21 Traffic Improvements</i>								<i>475,000</i>		<i>475,000</i>	
FY 20/21 TRAFFIC SAFETY / MOBILITY											
23. Standard Avenue Protected Bike Lanes: 3rd to Warner									5,444,000	(4)	5,444,000
24. Warner Avenue Protected Bike Lanes (Oak to Grand)					17,820	Area E					17,820
25. McFadden Avenue Protected Bike Lane and Bicycle Boulevard Project: Harbor to Grand									5,875,000	(4)	5,875,000
26. Kennedy Elementary and Villa Fundamental Intermediate SRTS									1,291,000	(4)	1,291,000
<i>Subtotal FY 20/21 Traffic Safety / Mobility</i>					<i>17,820</i>				<i>12,610,000</i>		<i>12,627,820</i>
FY 21/22 PLANNING											
17. Bike Lane Project Development								80,000			80,000
18. Traffic Management Plans								50,000			50,000
19. Traffic Safety Project Development								50,000			50,000
<i>Subtotal FY 21/22 Planning</i>								<i>180,000</i>			<i>180,000</i>
FY 21/22 TRAFFIC IMPROVEMENTS											
21. Traffic Signal Equipment Replacement								100,000			100,000
<i>Subtotal FY 20/21 Traffic Improvements</i>								<i>100,000</i>			<i>100,000</i>
FY 21/22 TRAFFIC SAFETY / MOBILITY											
24. Warner Avenue Protected Bike Lanes (Oak to Grand)								313,259	1,022,116	(7)	1,335,375
<i>Subtotal FY 21/22 Traffic Safety / Mobility</i>								<i>313,259</i>	<i>1,022,116</i>		<i>1,335,375</i>
FY 22/23 PLANNING											
17. Bike Lane Project Development								80,000			80,000
18. Traffic Management Plans								50,000			50,000
19. Traffic Safety Project Development								50,000			50,000
<i>Subtotal FY 22/23 Planning</i>								<i>180,000</i>			<i>180,000</i>
II. TRAFFIC IMPROVEMENTS											
FY 22/23 PLANNING											
21. Traffic Signal Equipment Replacement								100,000			100,000

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
<i>Subtotal FY 22/23 Traffic Improvements</i>								<i>100,000</i>		<i>100,000</i>
FY 23/24 PLANNING										
17. Bike Lane Project Development								80,000		80,000
18. Traffic Management Plans								50,000		50,000
FY 23/24 PLANNING										
19. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY 23/24 Planning</i>								<i>180,000</i>		<i>180,000</i>
FY 23/24 TRAFFIC IMPROVEMENTS										
21. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY 23/24 Traffic Improvements</i>								<i>100,000</i>		<i>100,000</i>
FY 24/25 PLANNING										
17. Bike Lane Project Development								80,000		80,000
18. Traffic Management Plans								50,000		50,000
19. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY 24/25 Planning</i>								<i>180,000</i>		<i>180,000</i>
FY 24/25 TRAFFIC IMPROVEMENTS										
21. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY 24/25 Traffic Improvements</i>								<i>100,000</i>		<i>100,000</i>
FY 25/26 PLANNING										
17. Bike Lane Project Development								80,000		80,000
18. Traffic Management Plans								50,000		50,000
19. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY 25/26 Planning</i>								<i>180,000</i>		<i>180,000</i>
FY 25/26 TRAFFIC IMPROVEMENTS										
21. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY 25/26 Traffic Improvements</i>								<i>100,000</i>		<i>100,000</i>
II. TRAFFIC IMPROVEMENTS										
FY 26/27 PLANNING										
17. Bike Lane Project Development								80,000		80,000
18. Traffic Management Plans								50,000		50,000

PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
19. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY 26/27 Planning</i>								<i>180,000</i>		<i>180,000</i>
FY 26/27 TRAFFIC IMPROVEMENTS										
21. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY 26/27 Traffic Improvements</i>								<i>100,000</i>		<i>100,000</i>
TOTAL TRAFFIC IMPROVEMENTS					17,820			2,648,259	13,632,116	16,298,195

III. UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS

FY 20/21 SEWER IMPROVEMENTS

27. Flower Street Sewer Main Improvements				1,000,000						1,000,000
28. Washington Square Sewer Main Improvements				1,500,000						1,500,000
29. Bristol Street Sewer Main Improvements Phase 3A - Civic Center to Washington				500,000						500,000
30. Willard Neighborhood Sewer Main Improvements				300,000						300,000
31. Wright Street Sewer Main Improvements				3,000,000						3,000,000
32. Baker-Glenwood Sewer Main Upgrade				50,000						50,000
33. Rene-Drive Sewer Main Upgrade				85,000						85,000
34. Santa Ana Memorial Park Neighborhood Sewer Main Improvements				100,000						100,000
35. Bristol/Warner Neighborhood Sewer Main Improvements				100,000						100,000
36. Fairhaven Neighborhood Sewer Main Improvements				100,000						100,000
37. Casa Bonita Neighborhood Sewer Main Improvements				180,000						180,000
38. South Main Street Sewer Main Improvements				2,500,000						2,500,000
<i>Subtotal FY 20/21 Sewer Improvements</i>				<i>9,415,000</i>						<i>9,415,000</i>

FY 20/21 WATER IMPROVEMENTS

39. Warner Avenue Widening Water Main Improvements - Main to Oak			1,000,000							1,000,000
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III. UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS

FY 20/21 WATER IMPROVEMENTS

40. Bristol Street Water Main Improvements Phase 3A - Civic Center to Washington			750,000							750,000
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PROJECTS	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	GAS TAX	MEASURE M2	OTHER	TOTAL
41. Bristol Street Water Main Improvements Phase 4 - Warner to Saint Andrew			1,000,000							1,000,000
42. Warner Avenue Water Main Improvements - Bristol to Main			150,000							150,000
43. Fisher Park Neighborhood Water Improvements			2,300,000							2,300,000
44. Saint Gertrude and Grand Avenue Water Main Replacement			1,500,000							1,500,000
45. SR-55 Widening - Water Main Relocation			2,000,000							2,000,000
46. Santa Ana Blvd Crossings Water Main Improvements			750,000							750,000
47. SR-55 Widening - Ritchey Street Water Main Relocation			1,500,000							1,500,000
48. SR-55 Widening - SA-7 Relocation			3,100,000							3,100,000
<i>Subtotal FY 20/21 Water Improvements</i>			14,050,000							14,050,000
FY 20/21 FACILITY IMPROVEMENTS										
49. Well No. 29 - Improvements			4,500,000							4,500,000
50. Well No. 32 - Rehabilitation			6,000,000							6,000,000
51. SA-2 Vault Improvements			550,000							550,000
52. Washington Well Site Improvements			300,000							300,000
53. East & West Reservoirs Chlorine Buildings			1,000,000							1,000,000
54. East Station Security Fencing Improvements			750,000							750,000
55. Warner Avenue Storm Drain Improvements: Phase 1 - Main to Oak							800,000			800,000
<i>Subtotal FY 20/21 Facility Improvements</i>			13,100,000				800,000			13,900,000
TOTAL UTILITY/DRAINAGE/LIGHTING			27,150,000	9,415,000			800,000			37,365,000

IV. CITY FACILITY IMPROVEMENTS

FY 20/21 PARK FACILITY IMPROVEMENTS

56. Cabrillo Irrigation Renovation						300,000	District 2			300,000
57. Pacific Electric Bike Trail Lighting Phase II						500,000	District 3			500,000
58. Sandpointe Park Security Lighting						300,000	District 3			300,000

IV. CITY FACILITY IMPROVEMENTS

FY 20/21 PARK FACILITY IMPROVEMENTS

59. Santa Ana Zoo Giant River Otter Habitat						2,000,000	District 3			2,000,000
60. Morrison Park Security Lighting						250,000	District 2			250,000

PROJECTS	CDBG	CAPITAL	WATER	SEWER	AREA	A & D	GAS TAX	MEASURE	OTHER	TOTAL
		OUTLAY	CAPITAL		FEEES	FUNDS		M2		
<i>Subtotal FY 20/21 Park Facility Improvements</i>						3,350,000				3,350,000
TOTAL CITY FACILITY IMPROVEMENTS						3,350,000				3,350,000
GRAND TOTAL SEVEN-YEAR CIP	0	0	27,150,000	9,415,000	17,820	3,350,000	382,000	27,588,678	31,643,278	99,778,706

**CITY OF SANTA ANA
SEVEN-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2020/2021 – 2026/2027**

"OTHER" FUNDING SOURCES

- (1) ROAD MAINTENANCE AND REHABILITATION ACCOUNT
- (2) OCTA BRISTOL STREET CORRIDOR
- (3) OCTA TRANSITWAY PROJECT
- (4) ACTIVE TRANSPORTATION PROGRAM SB1 AUGMENTATION
- (5) DRAINAGE AREA FEE - AREA IV
- (6) MEASURE M2 COMPETITIVE ST
- (7) CONGESTION MITIGATION AIR QUALITY