

# CITY OF SANTA ANA

## CAPITAL IMPROVEMENT PROGRAM



**Bush St. Bike Blvd.**



**Bush St. Water Main Improvements**



**Pavilion Renovation**



**San Lorenzo Sewer Lift Station**



**Center St. Urban Greening**



City of Santa Ana

# CAPITAL IMPROVEMENT PROGRAM

*Infrastructure Improvements City Facility Improvements Park Improvements*



Center Street Urban Greening

*Neighborhood Improvements Arterial Improvements Traffic Improvements Infrastructure Improvements*



Bush Street Bike Blvd.



Bush Street Bike Blvd.



Bush Street Water Main Improvements



San Lorenzo Sewer Lift Station



Civic Center Improvements: Pavilion Renovation

**Fiscal Year** **2021/2022**

## 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, which is comprised of both state and federal grant funds.

**AFFORDABLE HOUSING SUSTAINABLE COMMUNITIES (AHSC PROGRAM)** – The AHSC Program will provide grants and/or loans to projects that will achieve GHG reductions and benefit Disadvantaged Communities and Low-Income Communities through increasing accessibility of affordable housing, employment centers and Key Destinations via low-carbon transportation resulting in fewer vehicle miles traveled (VMT) through shortened or reduced vehicle trip length or mode shift to transit, bicycling or walking.

**CAPITAL OUTLAY FUND** – The Capital Outlay Fund is supported by transfers from the City's General Fund, and by donations received from citizens, corporations, and non-profit organizations for capital projects. Transfers from the General Fund are considered to be general-purpose funds that may be used to finance any capital project.

**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.

**COMMUNITY DEVELOPMENT BLOCK GRANT (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.

## DESCRIPTION OF FUNDING SOURCES

**CONGESTION MANAGEMENT AND AIR QUALITY (CMAQ) –** CMAQ program has been reauthorized under every successive Transportation Bill up to and including the FAST Act in 2015. Through the close of the MAP-21 period in 2015, the CMAQ program has provided more than \$30 billion to fund over 30,000 transportation related environmental projects for State DOTs, metropolitan planning.

**DRAINAGE ASSESSMENT FEE (DAF) –** In accordance with Section 34-191 of the Santa Ana Municipal Code, the City has been divided into drainage assessment areas. The fee established for each drainage area is based on the need for drainage facilities in each area as shown in the City's Storm Drain Master Plan.

**FEDERAL CLEAN WATER ENTERPRISE (FCWE) –** This enterprise is responsible for storm drain systems operation and maintenance and pollution reduction under the new National Pollutant Discharge Elimination System permit issued by the Santa Ana Region of Water Quality Control Board in January 2002.

**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.

In 2002, California voters passed Proposition 42, which dedicated gas tax revenue to transportation projects. Under a new law enacted in March 2010, the revenues to local streets and roads for Proposition 42 ceased in FY 2009-10 and the monies allocated to replace these funds in FY 2010-2011 are a new category of HUTA (Gas Tax) funds.

**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.

**HOUSING RELATED PARKS PROGRAM (HRPP) –** The HRPP provides funds for parks and recreation projects that benefit the community and add to the quality of life. The program awards funds on a per-bedroom basis for residential units, affordable to very low-and low-income households, created or converted during the designated program year.

**MEASURE M2 –** On November 7, 2006, voters approved the renewal of the Measure M half-cent sales tax (Measure M2), extending the program over a 30-year period beginning in 2011. In addition to the original three program components, this generation of the Measure M Transportation Plan expands the program to include Environmental Cleanup and Taxpayer Safeguards and Audits.

## DESCRIPTION OF FUNDING SOURCES

To receive revenues from the one-half-cent sales tax, cities and the County of Orange must coordinate their land use and transportation decisions, establish cooperative transportation planning programs with neighboring jurisdictions, develop Growth Management programs, and guarantee that transportation funds are used for transportation purposes only.

**MEASURE M2 COMPETITIVE** – The competitive portion of the Measure M2 consists of the following programs: Regional Capacity Program (RCP), Regional Traffic Signal Synchronization Program (RTSSP), and several transit programs.

- **Regional Capacity Program (Project O)** – Project O is a competitive program that replaces the Measure M Local and Regional streets and roads competitive programs. Project O is made up of three individual program categories (ACE, FAST, and ICE) which provide improvements to the network. Funding for fiscal year 14/15 comes from the ACE program.
- **Arterial Capacity Enhancements (ACE)** – Complements freeway improvement initiatives underway and supplements development mitigation opportunities on arterials throughout the Master Plan of Arterial Highways (MPAH).

- **Intersection Capacity Enhancements (ICE)** – Provides funding for operational and capacity improvements at intersecting MPAH roadways.
- **Transit Extensions to Metrolink (Project S)** – Project S establishes a competitive process to enable local jurisdictions to enhance regional transit capabilities through creation of new connections to the existing Metrolink system.

**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.

**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.

## DESCRIPTION OF FUNDING SOURCES

**PRCSA FEE & DONATION (PRCSA F&D)** – This fund is intended to hold monies received from donations from the public and from employee contributions to Parks, Recreation and Community Service Agency programs. Additionally, the fund holds monies that are separate from the general fund and intended for specific purposes, such as carnival fees intended to be used for improvements at parks where the carnival is held.

**ROAD MAINTENANCE AND REHABILITATION ACCOUNT (RMRA SB-1)** – Road Maintenance and Rehabilitation Account (RMRA - Streets and Highways Code Sec 2030 et sec.) includes funds from the following taxes enacted by the Senate Bill 1 Road Repair and Accountability Act of 2017: the 12 cent gasoline excise tax, 20 cent diesel fuel excise tax, transportation improvement fees and transportation loan repayments. These new gas tax funding sources contribute funding on an annual basis.

**SEWER CONNECTION FEES** – 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.

**STATE RESOURCES AGENCY GRANT (CA RESOURCES AGENCY GRANT)** – The California Department of Parks and Recreation (DPR) provides funding for the California Youth Soccer and Recreation Development Program. Funding comes from the 2002 Resources Bond Act, known as Proposition 40. Grant is called California Clean Water, Clean Air, Safe Neighborhood Parks and Coastal.

**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.

**WATER CAPITAL FUND** – The City charges a user fee for providing water services to residents and businesses in Santa Ana. All monies are used to fund operating and maintenance costs, as well as capital improvements of the City’s water system. Approximately 10% to 20% of these funds are allocated to water system capital improvements each year.

**CITY OF SANTA ANA  
ONE YEAR CAPITAL IMPROVEMENT PROGRAM  
FY 2021-22**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
<b>I. STREET IMPROVEMENTS</b>										
<b>FY 21/22 ALLEY REHABILITATION</b>										
1 . Alley Improvement Program								145,915		145,915
<i>Subtotal FY21/22 ALLEY REHABILITATION</i>								<i>145,915</i>		<i>145,915</i>
<b>FY 21/22 PLANNING</b>										
2 . Pavement Management								325,000		325,000
3 . Project Development								125,000		125,000
4 . Right-of-Way Management								350,000		350,000
<i>Subtotal FY21/22 PLANNING</i>								<i>800,000</i>		<i>800,000</i>
<b>FY 21/22 INDUSTRIAL STREET REHABILITATION</b>										
5. Garnsey Business District Improvements	4,334,666	<sup>5&amp;8</sup>								4,334,666
<i>Subtotal FY21/22 NEIGHBORHOOD STREET REHABILITATION</i>										<i>4,334,666</i>
<b>FY 21/22 LOCAL STREET RESURFACING</b>										
6. Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY21/22 LOCAL STREET RESURFACING</i>								<i>3,000,000</i>		<i>3,000,000</i>
<b>FY 21/22 ARTERIAL STREET REHABILITATION</b>										
7. Bristol Street Rehabilitation: Santa Clara to Memory Lane	940,000	<sup>8</sup>								940,000
8. Grand Avenue Rehabilitation: Warner to Edinger	1,668,221	<sup>8</sup>								1,668,221
9. Main Street Rehabilitation: MacArthur Blvd to Dyer Rd	1,680,000	<sup>8</sup>								1,680,000
10. Westminster Avenue Rehabilitation: Newhope St to Harbor Blvd	1,335,892	<sup>8</sup>							164,108	1,500,000
<i>Subtotal FY21/22 ARTERIAL STREET REHABILITATION</i>									<i>164,108</i>	<i>5,788,221</i>
<b>FY 21/22 STREET/BRIDGE IMPROVEMENTS &amp; WIDENING</b>										
11 . Bristol Street and Memory Lane Intersection Widening									400,000	400,000
12 . Bristol Street Improvements and Widening: Phase 4 - Warner to Saint Andrew	50,000	<sup>9</sup>								50,000
13 . Fairview Bridge and Street Improvements									830,000	830,000
14. Warner Avenue Improvements: Phase 2 - Oak to Grand						1,000,000				1,000,000
<i>Subtotal FY21/22 STREET/BRIDGE IMPROVEMENTS &amp; WIDENING</i>									<i>1,230,000</i>	<i>2,280,000</i>
<b>TOTAL STREET IMPROVEMENTS</b>	<b>10,008,779</b>					<b>1,000,000</b>		<b>3,945,915</b>	<b>1,394,108</b>	<b>16,348,802</b>
<b>II. TRAFFIC IMPROVEMENTS</b>										
<b>FY 21/22 TRAFFIC IMPROVEMENTS</b>										
15. Bristol Street and Santa Clara Avenue Signal Modification	23,800	<sup>6</sup>								23,800
16. Citywide Speed Limit Study								70,000		70,000
17. First Street Corridor Traffic Signal Synchronization								380,000		380,000

**CITY OF SANTA ANA  
ONE YEAR CAPITAL IMPROVEMENT PROGRAM  
FY 2021-22**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
18. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY21/22 TRAFFIC IMPROVEMENTS</i>	23,800							550,000		573,800
<b>FY 21/22 TRAFFIC SAFETY / MOBILITY</b>										
19. Fremont Elementary and Spurgeon Intermediate SRTS	4,849,000 <sup>1</sup>									4,849,000
20. Legacy Square Transportation Improvements	1,997,865 <sup>2</sup>									1,997,865
21. Pedestrian Improvements									285,000	285,000
22. Safe Mobility Santa Ana Update	147,000 <sup>6</sup>							33,000		180,000
<i>Subtotal FY21/22 TRAFFIC SAFETY / MOBILITY</i>	6,993,865							33,000	285,000	7,311,865
<b>FY 21/22 PLANNING</b>										
23. Bike Lane Project Development								80,000		80,000
24. Traffic Management Plans								50,000		50,000
25. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY21/22 PLANNING</i>								180,000		180,000
<b>TOTAL TRAFFIC IMPROVEMENTS</b>	<b>7,017,665</b>							<b>763,000</b>	<b>285,000</b>	<b>8,065,665</b>

**III. UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS**

**FY 21/22 SEWER IMPROVEMENTS**

26. Fairhaven Neighborhood Sewer Main Improvements					300,000					300,000
27. Industrial Streets Sewer Main Improvements Phase 1					225,000					225,000
28. Lincoln Avenue Sewer Main Improvements					800,000					800,000
29. NE Annex Septic to Sewer Conversion					840,000					840,000
30. Rene Drive Sewer Main Upgrade					590,000					590,000
31. Santa Ana Memorial Neighborhood Sewer Main Improvements					225,000					225,000
32. Willard Neighborhood Sewer Main Improvements					130,000					130,000
33. Wright Street Sewer Main Improvements					737,000					737,000
<i>Subtotal FY21/22 SEWER IMPROVEMENTS</i>					5,547,000					3,847,000

**FY 21/22 WATER IMPROVEMENTS**

34. Bristol Street Water Main Improvements Phase 3A - Civic Center to Washington				50,000						50,000
35. East & West Reservoirs Chlorine Buildings				1,000,000						1,000,000
36. Euclid Street Water Main Improvements				2,500,000						2,500,000
37. Fairview Street Water Main Improvements				2,500,000						2,500,000
38. Garnsey Street Business District Water Main Improvements				820,000						820,000
39. Grovemont Street Water Main Improvements				2,100,000						2,100,000
40. Industrial Streets Water Main Improvements Phase 1				1,500,000						1,500,000
41. Lincoln Avenue Water Main Improvements				800,000						800,000



**CITY OF SANTA ANA  
ONE YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2021-22**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
42. NE Annex Septic to Sewer Improvements				1,425,000						1,425,000
43. SA-1 Hydropower Generation Project				1,700,000						1,700,000
44. South Main Street Water Main Improvements				1,100,000						1,100,000
<i>Subtotal FY21/22 WATER IMPROVEMENTS</i>				<i>15,495,000</i>						<i>15,495,000</i>
<b>FY 21/22 STORM DRAIN/WATER QUALITY</b>										
45. Stormwater Channel Fencing Upgrades	400,000 <sup>4</sup>									400,000
<i>Subtotal FY21/22 STORM DRAIN/WATER QUALITY</i>	<i>400,000</i>									<i>400,000</i>
<b>FY 21/22 MUNICIPAL FACILITIES</b>										
46. Pressure Reducing Vault Power & Controls Improvements				1,380,000						1,380,000
47. Well No. 32 - Rehabilitation				2,250,000						2,250,000
<i>Subtotal FY21/22 MUNICIPAL FACILITIES</i>				<i>3,630,000</i>						<i>3,630,000</i>
<b>TOTAL UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS</b>	<b>400,000</b>			<b>19,125,000</b>	<b>5,547,000</b>					<b>23,372,000</b>
<b>IV. PARK FACILITY IMPROVEMENTS</b>										
<b>FY 21/22 PARK FACILITY</b>										
48. City of Santa Ana Dog Park			1,100,000							1,100,000
49. City Park Splash Pads (Various Sites)	5,343,520 <sup>10</sup>									5,343,520
50. Dan Young Soccer Field Sports Lights			418,200							418,200
51. El Salvador Park Basketball Court & Court Lighting Renovation							300,000			300,000
52. New Stadium Scoreboard and Marquee							200,000			200,000
53. Riverview Park Ballfield Sports Lighting Renovation							200,000			200,000
54. Santa Anita Park Synthetic Turf & Shade Structure							156,000			156,000
55. Stadium Synthetic Turf Renovation							818,000			818,000
<i>Subtotal FY21/22 PARK FACILITY</i>	<i>5,343,520</i>		<i>1,518,200</i>				<i>1,674,000</i>			<i>8,535,720</i>
<b>TOTAL PARK FACILITY IMPROVEMENTS</b>	<b>5,343,520</b>		<b>1518200</b>				<b>1,674,000</b>			<b>8,535,720</b>
<b>V. INFRASTRUCTURE IMPROVEMENTS</b>										
<b>FY 21/22 FACILITY</b>										
56. Project W Bus Shelter Project								1,030,000		1,030,000
<i>Subtotal FY21/22 FACILITY</i>								<i>1,030,000</i>		<i>1,030,000</i>
<b>TOTAL INFRASTRUCTURE IMPROVEMENTS</b>								<b>1,030,000</b>		<b>1,030,000</b>
<b>GRAND TOTAL ONE YEAR CIP PROJECTS</b>	<b>22,769,964</b>		<b>1,518,200</b>	<b>19,125,000</b>	<b>5,547,000</b>	<b>1,000,000</b>	<b>1,674,000</b>	<b>5,738,915</b>	<b>1,679,108</b>	<b>57,352,187</b>

**CITY OF SANTA ANA  
ONE-YEAR CAPITAL IMPROVEMENT PROGRAM  
FY 2021 - 2022**

**"OTHER" FUNDING SOURCES**

- (1) ACTIVE TRANSPORTATION PROGRAM - STATE
- (2) AFFORDABLE HOUSING SUSTAINABLE COMMUNITIES
- (3) CONGESTION MANAGEMENT AND AIR QUALITY
- (4) FEDERAL CLEAN WATER ENTERPRISE
- (5) REFUSE - MAINTENANCE
- (6) ACTIVE TRANSPORTATION PROGRAM - FEDERAL
- (7) CELL TOWER REVENUE
- (8) SB-1 ROAD MAINTENANCE AND REHABILITATION ACCOUNT
- (9) DRAINAGE AREA FEE: AREA IV
- (10) PRCSA YOUTH SERVICES

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Alley Improvement Program*

**PROJECT CATEGORY:**  
*Street Improvements  
Alley Rehabilitation*

**PROJECT DESCRIPTION:**  
*This project will provide for the removal of existing damaged pavement and reconstruction with Portland Cement Concrete (PCC) for alleys citywide.*

**PROJECT NEED:**  
*The Citywide network of Portland Cement Concrete (PCC) and asphalt alleys is in extreme state of deterioration with the presence of numerous potholes, cracking, spalling, and uplifting. PCC pavement will eliminate the drainage problems associated with the asphalt pavement and provide a longer life for the alleys.*

**LOCATION MAP**



**CITYWIDE**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	135,115	-	-	-	-	-	-
Engineering	10,800	-	-	-	-	-	-
<b>TOTAL</b>	<b>145,915</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	145,915	-	-	-	-	-	-
<b>TOTAL</b>	<b>145,915</b>	-	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Jason Gabriel, Principal Civil Engineer*

**DATE:**  
*10-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	325,000	250,000	400,000	250,000	400,000	250,000	400,000
<b>TOTAL</b>	<b>325,000</b>	<b>250,000</b>	<b>400,000</b>	<b>250,000</b>	<b>400,000</b>	<b>250,000</b>	<b>400,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	325,000	250,000	400,000	250,000	400,000	250,000	400,000
<b>TOTAL</b>	<b>325,000</b>	<b>250,000</b>	<b>400,000</b>	<b>250,000</b>	<b>400,000</b>	<b>250,000</b>	<b>400,000</b>

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Kenny Nguyen, Senior Civil Engineer*

**DATE:**  
*07-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	125,000	150,000	150,000	150,000	150,000	150,000	150,000
<b>TOTAL</b>	<b>125,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	125,000	150,000	150,000	150,000	150,000	150,000	150,000
<b>TOTAL</b>	<b>125,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Jason Gabriel, Principal Civil Engineer*

**DATE:**  
*07-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Other	350,000	150,000	150,000	150,000	150,000	150,000	150,000
<b>TOTAL</b>	<b>350,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	350,000	150,000	150,000	150,000	150,000	150,000	150,000
<b>TOTAL</b>	<b>350,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Jason Gabriel, Principal Civil Engineer*

**DATE:**  
*07-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**

*Garnsey Business District Improvements*

**PROJECT CATEGORY:**

*Street Improvements  
Neighborhood Street Rehabilitation*

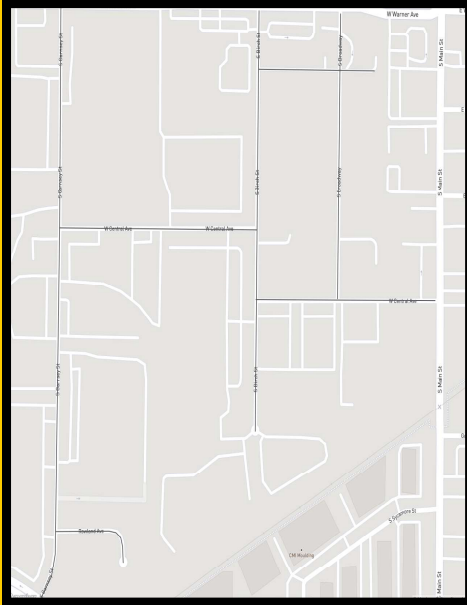
**PROJECT DESCRIPTION:**

*Reconstruct the local interior roadway network within the Garnsey Business District (GBD). The area is bordered by Dyer Road to the north, Flower Street to the east, Main Street to the west, and Warner Avenue to the south. The street segments for this project include Garnsey Street from Dyer Rd to Warner Ave, Central Avenue from Garnsey St to Birch St, Birch Street from End to Warner Ave, Central Ave from Birch St to Main St, Broadway from Central Ave to Warner Ave.*

**PROJECT NEED:**

*The interior roadway network of GBD has been identified as a priority by the City's Pavement Management System. The pavement is deteriorating due to weather, age, and heavy usage*

**LOCATION MAP**



**PROJECT COSTS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	3,943,666	-	-	-	-	-	-
Engineering	391,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,334,666</b>	-	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
REFUSE MAINTENANCE	3,522,332	-	-	-	-	-	-
RMRA SB1	812,334	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,334,666</b>	-	-	-	-	-	-

**AGENCY:**

*Public Works*

**DIVISION:**

*CIP Engineering*

**CONTACT:**

*Kenny Nguyen, Senior Civil Engineer*

**DATE:**

*19-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Local Street Preventative Maintenance*

**PROJECT CATEGORY:**  
*Street Improvements  
Local Street Resurfacing*

**PROJECT DESCRIPTION:**  
*This project provides for the application of crack seal and slurry seal to various streets citywide with minor coldmill and removal and replacement of asphalt concrete pavement.*

**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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	2,778,000	2,778,000	2,778,000	2,778,000	2,778,000	2,778,000	2,778,000
Engineering	222,000	222,000	222,000	222,000	222,000	222,000	222,000
<b>TOTAL</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
<b>TOTAL</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Design Engineering</i>	<b>CONTACT:</b> <i>Kenny Nguyen, Senior Civil Engineer</i>	<b>DATE:</b> <i>25-May-2021</i>
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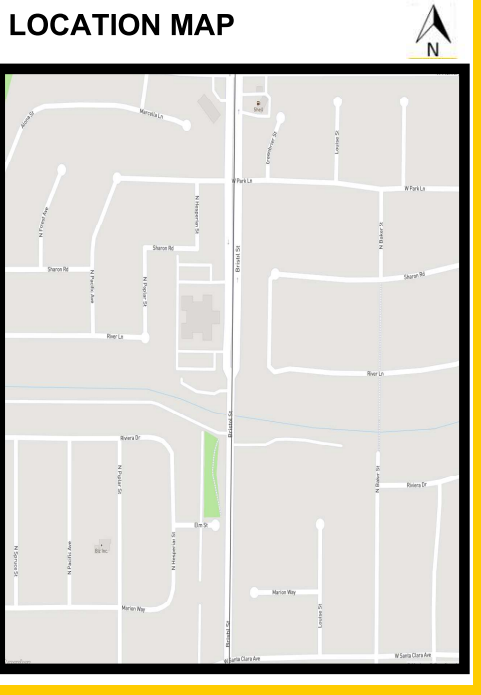
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Bristol Street Rehabilitation: Santa Clara to Memory*

**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 along Bristol Street between Santa Clara Avenue and Memory Lane.*

**PROJECT NEED:**  
*This segment of roadway has been identified as a high priority by the City's Pavement Management System. The pavement is deteriorating due to weather, age, and heavy usage. Some of the adjacent curbs, gutters, driveway approaches, curb ramps, and sidewalks are also in various states of disrepair and require replacement.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	870,000	-	-	-	-	-	-
Engineering	70,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>940,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
RMRA SB1	940,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>940,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>CIP Engineering</i>	<b>CONTACT:</b> <i>Sean Thomas, Senior Civil Engineer</i>	<b>DATE:</b> <i>20-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

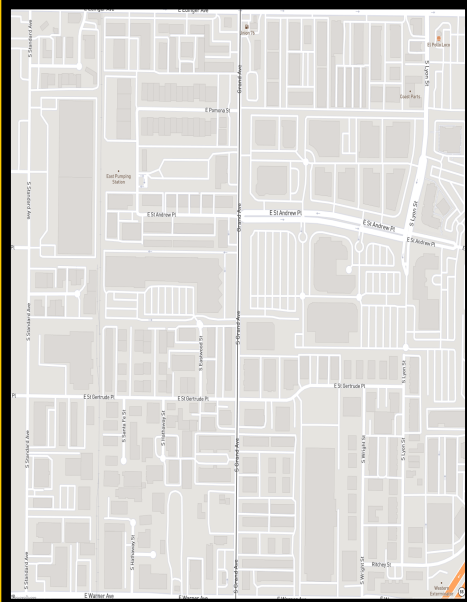
**PROJECT TITLE:**  
*Grand Avenue Rehabilitation:  
Warner to Edinger*

**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 has been developed to identify total deferred maintenance requirements for the City's arterial network and to move toward preventative maintenance. As one of the City's arterial streets, Grand Avenue pavement rehabilitation is identified as a high priority in the Pavement Management Program.*

**LOCATION MAP**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,544,221	-	-	-	-	-	-
Engineering	124,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,668,221</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
RMRA SB1	1,668,221	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,668,221</b>	-	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Kenny Nguyen, Senior Civil Engineer*

**DATE:**  
*07-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**

*Main Street Rehabilitation:  
MacArthur to Dyer*

**PROJECT CATEGORY:**

*Street Improvements  
Arterial Street Rehabilitation*

**PROJECT DESCRIPTION:**

*Roadway reconstruction along with miscellaneous concrete repairs to address accessibility and drainage issues along this segment of roadway.*

**PROJECT NEED:**

*This segment of Main Street has been identified as a priority by the City's Pavement Management System. The pavement is deteriorating due to weather, age, and heavy usage.*

**LOCATION MAP**



**PROJECT COSTS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,556,000	-	-	-	-	-	-
Engineering	124,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,680,000</b>	-	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
RMRA SB1	1,680,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,680,000</b>	-	-	-	-	-	-

**AGENCY:**

*Public Works*

**DIVISION:**

*CIP Engineering*

**CONTACT:**

*Mike Ortiz, Senior Civil Engineer*

**DATE:**

*20-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Westminster Avenue Rehabilitation:  
Newhope to Harbor*

**PROJECT CATEGORY:**  
*Street Improvements  
Arterial Street Rehabilitation*

**PROJECT DESCRIPTION:**  
*Roadway reconstruction along with miscellaneous concrete repairs to address accessibility and drainage issues along this segment of roadway.*

**PROJECT NEED:**  
*This segment of Westminster Avenue has been identified as a priority by the City's Pavement Management System. The pavement is deteriorating due to weather, age, and heavy usage.*

**LOCATION MAP**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,389,000	-	-	-	-	-	-
Engineering	111,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,500,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
GAS TAX	164,108	-	-	-	-	-	-
RMRA SB1	1,335,892	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,500,000</b>	-	-	-	-	-	-

**AGENCY:** Public Works      **DIVISION:** CIP Engineering      **CONTACT:** Mike Ortiz, Senior Civil Engineer      **DATE:** 19-May-2021

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Bristol Street and Memory Lane Intersection Widening*

**PROJECT CATEGORY:**  
*Street Improvements  
Street/Bridge Improvements &  
Widening*

**PROJECT DESCRIPTION:**  
*The proposed improvements would involve the widening of Bristol Street just north of Memory Lane to accommodate an additional through southbound lane. Additionally, the proposed improvements would include the construction of sidewalk, curb and gutter, pavement, signal modification, and curb ramps.*

**PROJECT NEED:**  
*Bristol Street north of Memory Lane has three southbound lanes except at the intersection where only two southbound and one right turn lane exist. An additional southbound through lane is needed to complete the City's plan to widen Bristol Street from Warner Avenue to Memory Lane on the north, which was approved by City Council in 1990 and re-evaluated in 2001.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	400,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>400,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
GAS TAX	400,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>400,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>CIP Engineering</i>	<b>CONTACT:</b> <i>Kenny Nguyen, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

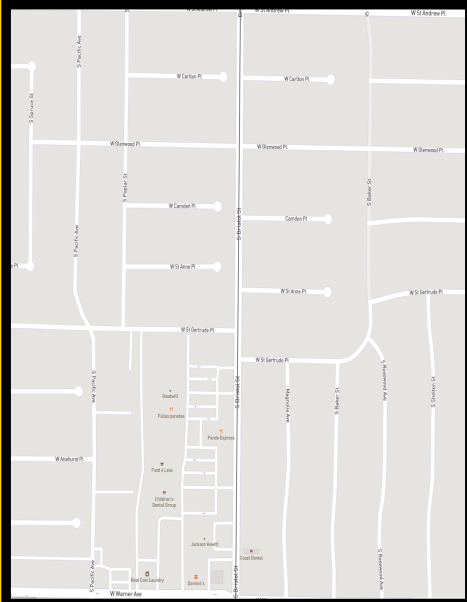
**PROJECT TITLE:**  
*Bristol Street Improvements and Widening: Phase 4 - Warner to Saint Andrew*

**PROJECT CATEGORY:**  
*Street Improvements  
Street/Bridge Improvements & 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**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	50,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>50,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
DAF: DA-IV	50,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>50,000</b>	-	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Sean Thomas, Senior Civil Engineer*

**DATE:**  
*07-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

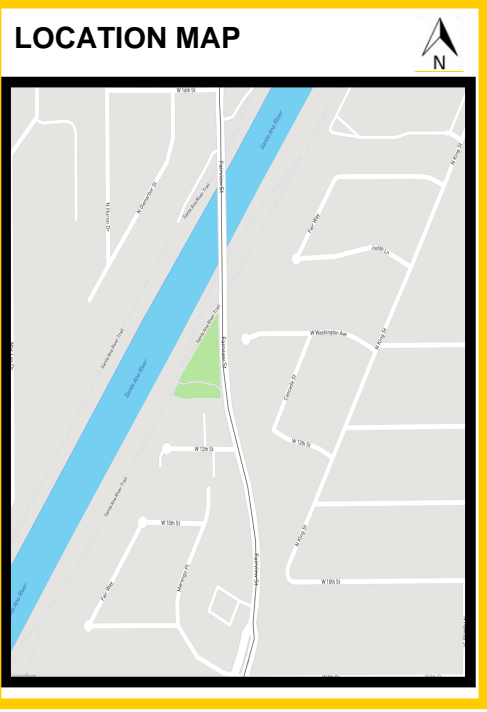
**PROJECT TITLE:**  
*Fairview Bridge and Street Improvements*

**PROJECT CATEGORY:**  
*Street Improvements  
Street/Bridge Improvements & Widening*

**PROJECT DESCRIPTION:**  
*The proposed improvements would include the widening of Fairview Street with a cross section of 100' wide right-of-way and will include 3 lanes in each direction, raised median, Class I\* bike lane, and 8' wide sidewalk with tree wells. Additionally, the proposed improvements would entail widening of the Fairview Street Bridge, relocation of existing utilities, including several power poles, street lights, and partial acquisition of 2 parcels.*

*\*Amended from Class II to Class I per City Council action on June 3, 2021*

**PROJECT NEED:**  
*Fairview Street is currently a four-lane undivided arterial between 9th Street and 16th Street. This segment of Fairview Street currently carries 38,544 vehicles per day (VPD) and has a volume to capacity of (V/C) ratio of 1.03. At this V/C ration, this roadway segment operates at an unacceptable level of service. LOS F exists where the traffic stream is extremely difficult. With the proposed improvements, this roadway segment will improve to acceptable LOS B.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	150,000	-	-	-	-	-	-
Engineering	34,200	-	-	-	-	-	-
Right-Of-Way	645,800	-	-	-	-	-	-
<b>TOTAL</b>	<b>830,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
GAS TAX	830,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>830,000</b>	-	-	-	-	-	-

**AGENCY:** Public Works      **DIVISION:** CIP Engineering      **CONTACT:** Kenny Nguyen, Senior Civil Engineer      **DATE:** 07-May-2021

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Warner Avenue Improvements:  
Phase 2 - Oak to Grand*

**PROJECT CATEGORY:**  
*Street Improvements  
Street/Bridge Improvements &  
Widening*

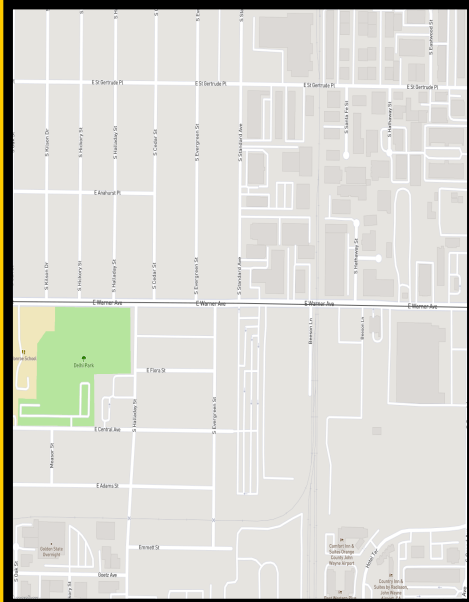
**PROJECT DESCRIPTION:**

*This project will widen Warner Avenue between Oak Street and Grand Avenue from 2 to 3 lanes in each direction. The project will also include additional left turn lanes at Grand Avenue, bus pads, raised medians, and a protected bike lane.*

**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**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,000,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,000,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
TSIA AREA E	1,000,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,000,000</b>	-	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*CIP Engineering*

**CONTACT:**  
*Jason Gabriel, Principal Civil Engineer*

**DATE:**  
*07-May-2021*



**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

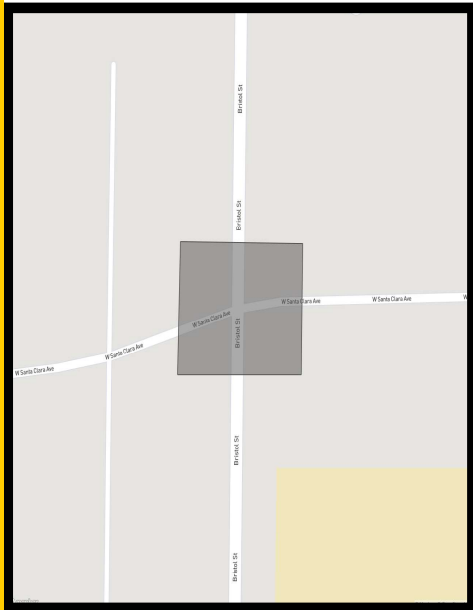
**PROJECT TITLE:**  
*Bristol Street and Santa Clara Avenue Signal Modification*

**PROJECT CATEGORY:**  
*Traffic Improvements  
Traffic Improvements*

**PROJECT DESCRIPTION:**  
*Install left turn phasing for north and south directions on Bristol Street at Santa Clara Avenue.*

**PROJECT NEED:**  
*This project designed to enhanced intersection traffic safety.*

**LOCATION MAP**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	-	297,100	-	-	-	-	-
Engineering	23,800	-	-	-	-	-	-
<b>TOTAL</b>	<b>23,800</b>	<b>297,100</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
ATP FEDERAL	23,800	297,100	-	-	-	-	-
<b>TOTAL</b>	<b>23,800</b>	<b>297,100</b>	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Traffic Engineering*

**CONTACT:**  
*Zdenek Kekula, Senior Civil Engineer*

**DATE:**  
*20-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**

*Citywide Speed Limit Study*

**PROJECT CATEGORY:**

*Traffic Improvements  
Traffic Improvements*

**PROJECT DESCRIPTION:**

*This project will provide for the hiring of a traffic engineering consultant to conduct an engineering and traffic survey to update speed limits Citywide in accordance with state law requirements. Project scope includes installation of new signs as required.*

**PROJECT NEED:**

*In order to use radar enforcement for speed limits, state law requires the City to conduct an engineering and traffic survey every five years.*

**LOCATION MAP**



**CITYWIDE**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	70,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>70,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	70,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>70,000</b>	-	-	-	-	-	-

**AGENCY:**

*Public Works*

**DIVISION:**

*Traffic Engineering*

**CONTACT:**

*Zdenek Kekula, Senior Civil Engineer*

**DATE:**

*07-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

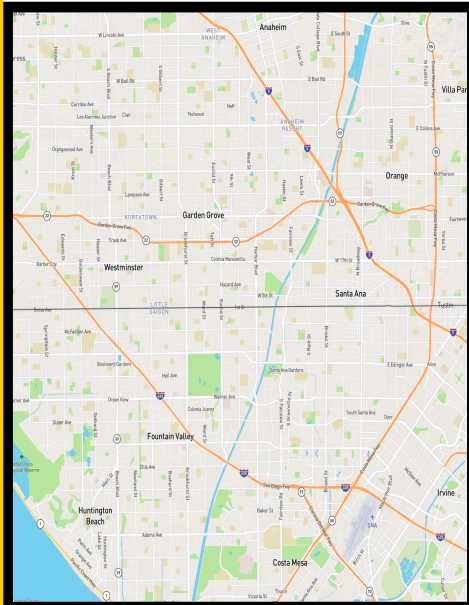
**PROJECT TITLE:**  
*First Street Corridor Traffic Signal Synchronization*

**PROJECT CATEGORY:**  
*Traffic Improvements  
Traffic Improvements*

**PROJECT DESCRIPTION:**  
*To provide inter-agency traffic signal coordination and infrastructure upgrades on First Street/ Bolsa Avenue from Bolsa Chica Street in City of Huntington Beach through the Cities of Westminster, Santa Ana and County of Orange to Newport Avenue in City of Tustin. The project involves the Cities of Santa Ana, Huntington Beach, Westminster, Tustin, and County of Orange.*

**PROJECT NEED:**  
*OCTA Traffic Signal Synchronization Master Plan identified that First Street/ Bolsa 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**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	340,000	-	-	-	-	-	-
Engineering	40,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>380,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	380,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>380,000</b>	-	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Traffic Engineering*

**CONTACT:**  
*Cesar Rodriguez, Senior Civil Engineer*

**DATE:**  
*07-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Traffic Signal Equipment Replacement*

**PROJECT CATEGORY:**  
*Traffic Improvements  
Traffic Improvements*

**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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	100,000	100,000	100,000	100,000	100,000	100,000	100,000
<b>TOTAL</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	100,000	100,000	100,000	100,000	100,000	100,000	100,000
<b>TOTAL</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Traffic Engineering</i>	<b>CONTACT:</b> <i>Cesar Rodriguez, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Fremont Elementary and Spurgeon Intermediate SRTS*

**PROJECT CATEGORY:**  
*Traffic Improvements  
Traffic Safety / Mobility*

**PROJECT DESCRIPTION:**  
*Installation of bulbouts, traffic circles, missing sidewalks, sidewalk repairs, enhanced marked crosswalks, bike routes, bike lanes, new traffic signal for safe routes to school (SRTS) for Fremont Elementary and Spurgeon Intermediate.*

**PROJECT NEED:**  
*Project is designed to increase pedestrian/bicyclist safety and mobility.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	4,849,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,849,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
ATP - SB1 Augmentation	4,849,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,849,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>CIP Engineering</i>	<b>CONTACT:</b> <i>Sean Thomas, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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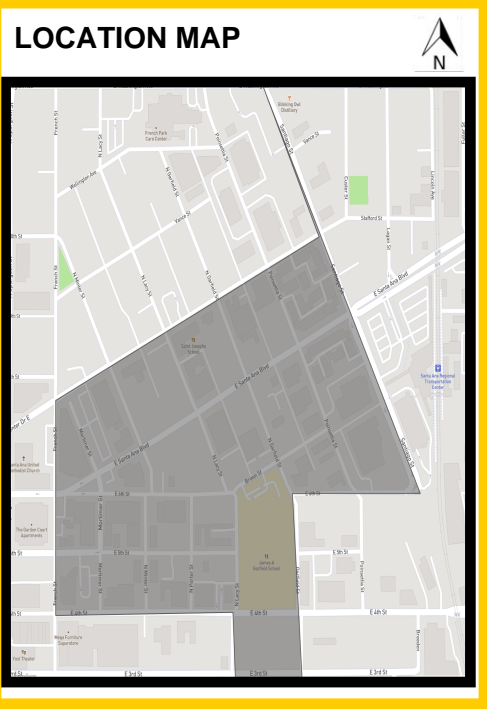
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Legacy Square Transportation Improvements*

**PROJECT CATEGORY:**  
*Street Improvements  
Traffic Safety / Mobility*

**PROJECT DESCRIPTION:**  
*As part of the Legacy Square Mixed-Use Development, the project will fund Mobility Improvements such as installation of Bike Lanes Class II, speed cushions, pocket park, sidewalk repair/construction, crosswalks, curb extensions, traffic circles, and curb ramps in the Transit Zoning Code.*

**PROJECT NEED:**  
*This project is designed to increase bicyclists' and pedestrian safety and mobility.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,798,079	-	-	-	-	-	-
Engineering	199,787	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,997,865</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
AHSC Program	1,997,865	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,997,865</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>CIP Engineering</i>	<b>CONTACT:</b> <i>Sean Thomas, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Pedestrian Improvements*

**PROJECT CATEGORY:**  
*Traffic Improvements  
Traffic Safety / Mobility*

**PROJECT DESCRIPTION:**  
*Pedestrian improvements to enhance pedestrian traffic safety, accessibility and mobility. Improvements will include wheelchairs improvements and other improvements to enhance pedestrian traffic safety.*

**PROJECT NEED:**  
*Pedestrian improvements are needed to enhance pedestrian traffic safety, mobility and accessibility.*

**LOCATION MAP** 

**CITYWIDE**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	285,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>285,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
GAS TAX	285,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>285,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Traffic Engineering</i>	<b>CONTACT:</b> <i>Zdenek Kekula, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Safe Mobility Santa Ana Update*

**PROJECT CATEGORY:**  
*Traffic Improvements  
Traffic Safety / Mobility*

**PROJECT DESCRIPTION:**  
*Safe Mobility Santa Ana Update will re-evaluate citywide traffic safety. The study will analyze traffic collisions, identify contributing factors or patterns, recommend improvements, develop cost estimates and prioritize recommended improvements.*

**PROJECT NEED:**  
*Traffic safety is a priority for the City of Santa Ana. This study will identify priority traffic safety projects. Furthermore, this study is a requirement to qualify for Highway Safety Improvement Program grants.*

**LOCATION MAP** 

**CITYWIDE**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	180,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>180,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
ATP FEDERAL	147,000	-	-	-	-	-	-
M2 LOCAL FAIRSHARE	33,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>180,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Traffic Engineering</i>	<b>CONTACT:</b> <i>Zdenek Kekula, Senior Civil Engineer</i>	<b>DATE:</b> <i>20-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	80,000	80,000	80,000	80,000	80,000	80,000	80,000
<b>TOTAL</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	80,000	80,000	80,000	80,000	80,000	80,000	80,000
<b>TOTAL</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Traffic Engineering*

**CONTACT:**  
*Zdenek Kekula, Senior Civil Engineer*

**DATE:**  
*07-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	50,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>TOTAL</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	50,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>TOTAL</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Traffic Engineering</i>	<b>CONTACT:</b> <i>Zdenek Kekula, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
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**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Engineering	50,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>TOTAL</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
M2 LOCAL FAIRSHARE	50,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>TOTAL</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Traffic Engineering</i>	<b>CONTACT:</b> <i>Zdenek Kekula, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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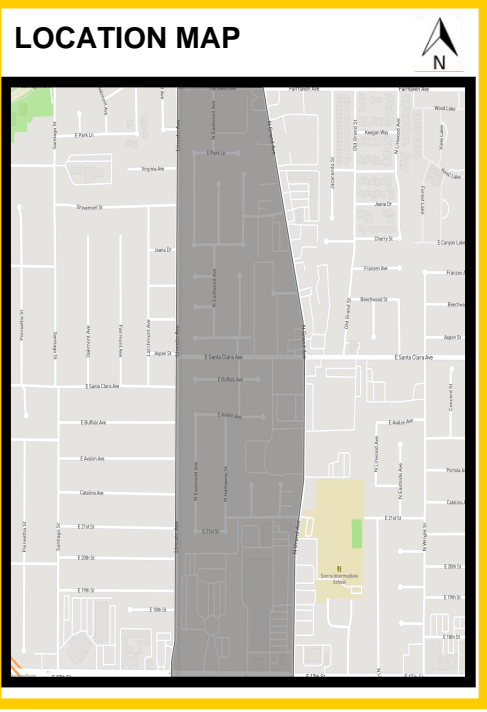
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Fairhaven Neighborhood Sewer Main Improvements*

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

**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.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	300,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>300,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER	300,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>300,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

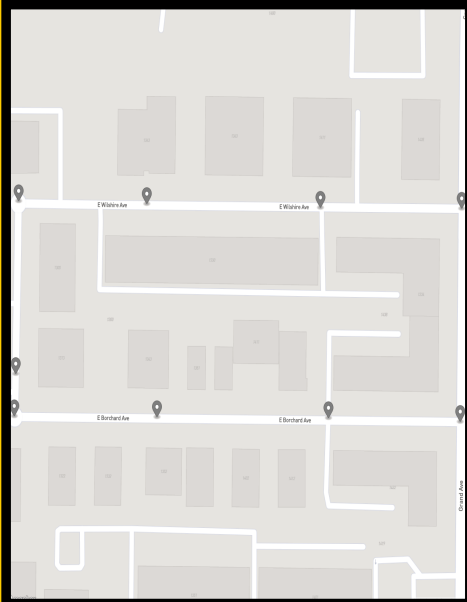
**PROJECT TITLE:**  
*Industrial Streets Sewer Main Improvements Phase 1*

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

**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**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	225,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>225,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER	225,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>225,000</b>	-	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Water Resources*

**CONTACT:**  
*Armando Fernandez, Senior Civil Engineer*

**DATE:**  
*11-May-2021*

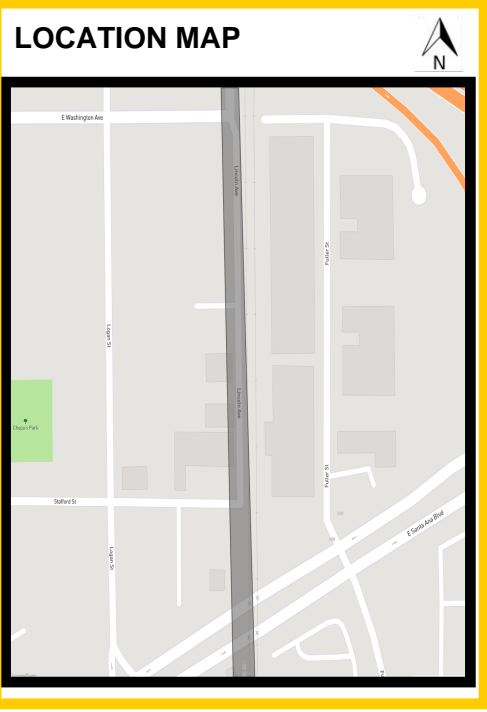
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Lincoln Avenue Sewer Main Improvements*

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

**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.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	800,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>800,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER	800,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>800,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*NE Annex Septic to Sewer Conversion*

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

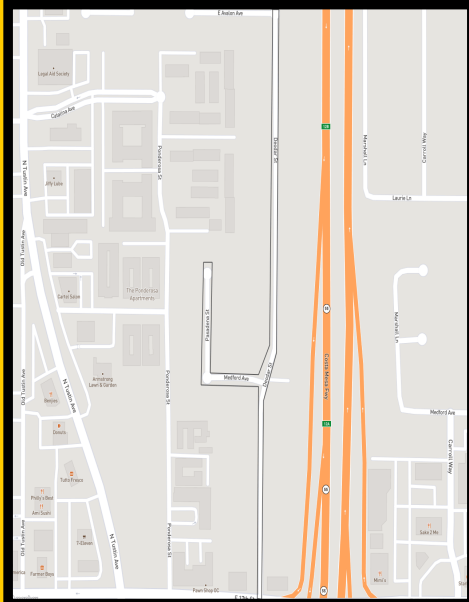
**PROJECT DESCRIPTION:**

*Install sanitary sewer mains and laterals for conversion from septic to sewer connections in the annexed County island northeast of 17th St and Tustin Ave.*

**PROJECT NEED:**

*Connection to City's sewer system from individual septic systems.*

**LOCATION MAP**



**PROJECT COSTS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	840,000	400,000	-	-	-	-	-
<b>TOTAL</b>	<b>840,000</b>	<b>400,000</b>	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER CONNECTION PROJECTS	840,000	400,000	-	-	-	-	-
<b>TOTAL</b>	<b>840,000</b>	<b>400,000</b>	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Water Resources*

**CONTACT:**  
*Armando Fernandez, Senior Civil Engineer*

**DATE:**  
*07-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Rene Drive Sewer Main Upgrade*

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

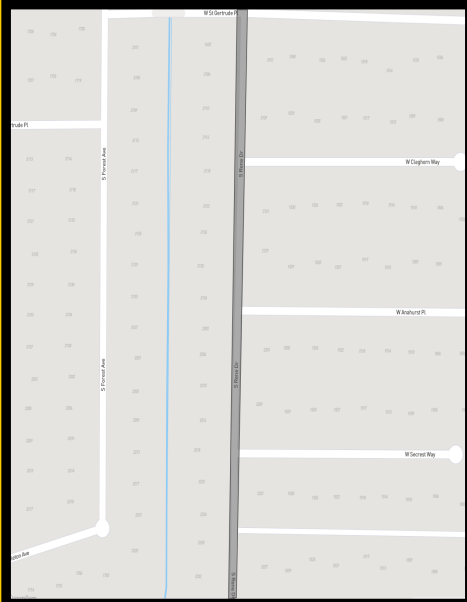
**PROJECT DESCRIPTION:**

*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**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	590,000	625,000	-	-	-	-	-
<b>TOTAL</b>	<b>590,000</b>	<b>625,000</b>	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER CONNECTION PROJECTS	590,000	625,000	-	-	-	-	-
<b>TOTAL</b>	<b>590,000</b>	<b>625,000</b>	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Water Resources*

**CONTACT:**  
*Armando Fernandez, Senior Civil Engineer*

**DATE:**  
*07-May-2021*



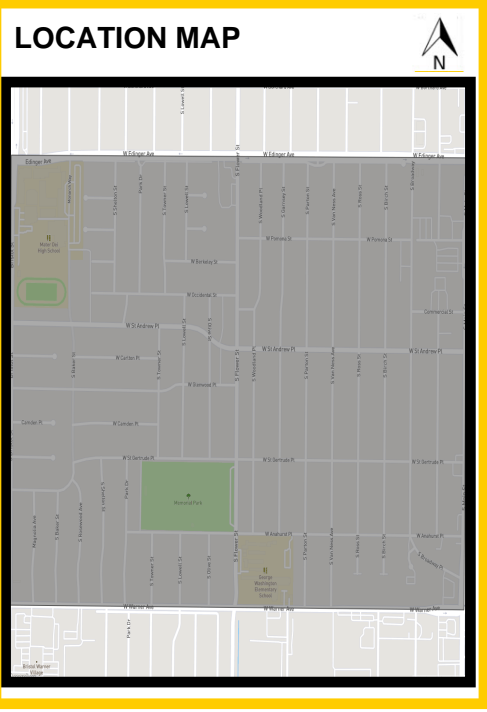
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Santa Ana Memorial Neighborhood  
Sewer Main Improvements*

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

**PROJECT DESCRIPTION:**  
*Construction of sanitary sewer pipe lines to replace obsolete, failing  
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.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	225,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>225,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER	225,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>225,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Rudy Rosas, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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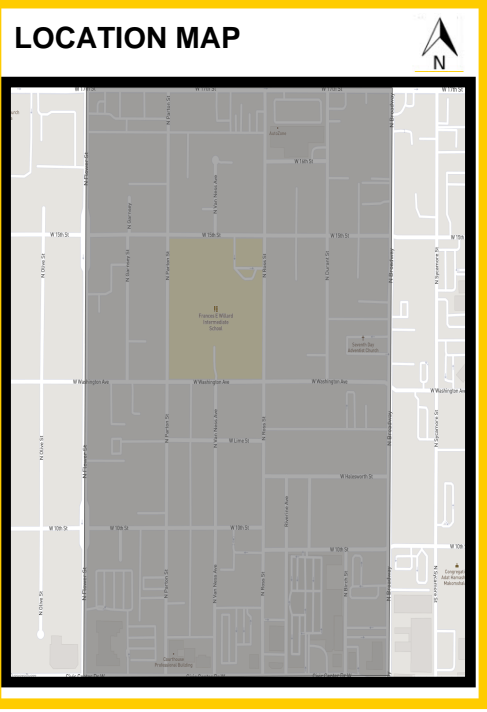
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Willard Neighborhood Sewer Main Improvements*

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

**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.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	2,140,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>2,140,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER	2,140,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>2,140,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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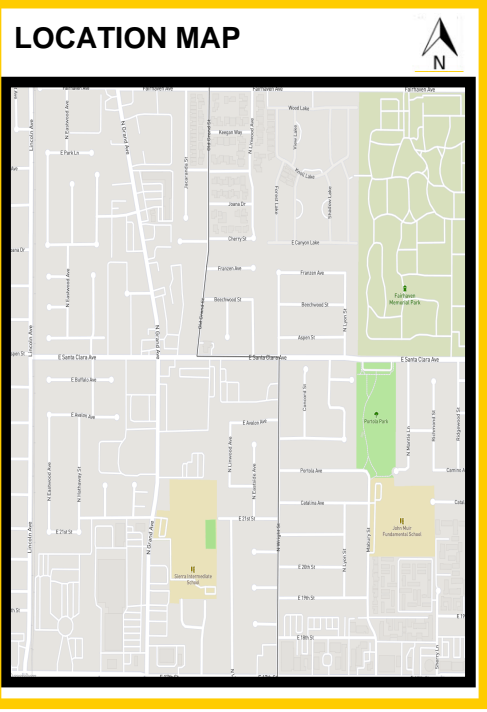
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Wright Street Sewer Main Improvements*

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

**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.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	737,000	2,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>737,000</b>	<b>2,000,000</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
SEWER CONNECTION PROJECTS	737,000	2,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>737,000</b>	<b>2,000,000</b>	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Bristol Street Water Main Improvements Phase 3A - Civic Center to Washington*

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

**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.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	50,000	250,000	-	-	-	-	-
<b>TOTAL</b>	<b>50,000</b>	<b>250,000</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	50,000	250,000	-	-	-	-	-
<b>TOTAL</b>	<b>50,000</b>	<b>250,000</b>	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>20-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*East & West Reservoirs Chlorine Buildings*

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

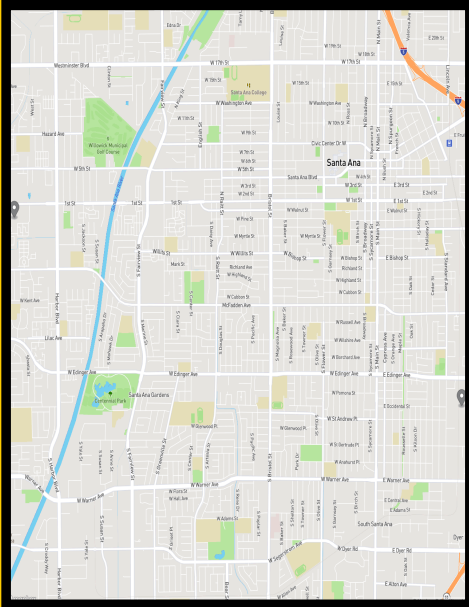
**PROJECT DESCRIPTION:**

*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**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,000,000	500,000	-	-	-	-	-
<b>TOTAL</b>	<b>1,000,000</b>	<b>500,000</b>	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	1,000,000	500,000	-	-	-	-	-
<b>TOTAL</b>	<b>1,000,000</b>	<b>500,000</b>	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Water Resources*

**CONTACT:**  
*Armando Fernandez, Senior Civil Engineer*

**DATE:**  
*24-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**

*Euclid Street Water Main Improvements*

**PROJECT CATEGORY:**

*Utility/Drainage/Lighting Improvements  
Water Improvements*

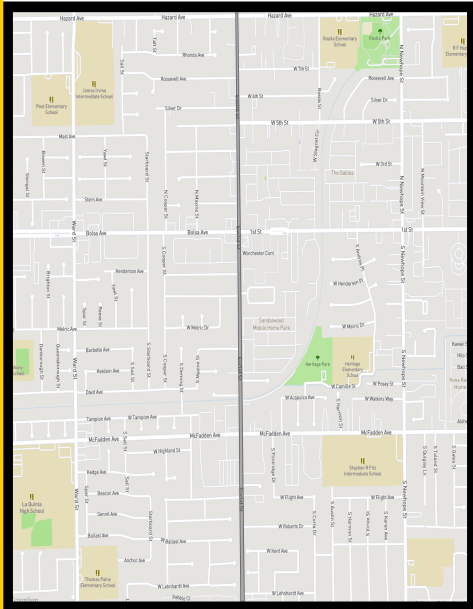
**PROJECT DESCRIPTION:**

*This project will replace aging water distribution pipelines and related appurtenances including fire hydrants and valves along Euclid Street from Lehnhardt Ave to Hazard Ave.*

**PROJECT NEED:**

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

**LOCATION MAP**



**PROJECT COSTS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	2,500,000	2,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,500,000</b>	<b>2,000,000</b>	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	2,500,000	2,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,500,000</b>	<b>2,000,000</b>	-	-	-	-	-

**AGENCY:**

*Public Works*

**DIVISION:**

*Water Resources*

**CONTACT:**

*Armando Fernandez, Senior Civil Engineer*

**DATE:**

*24-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Fairview Street Water Main Improvements*

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

**PROJECT DESCRIPTION:**  
*This project will replace aging water distribution pipelines and related appurtenances including fire hydrants and valves along Fairview Street from Segerstrom Ave to Sunflower Ave.*

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



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	2,500,000	1,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,500,000</b>	<b>1,000,000</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	2,500,000	1,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,500,000</b>	<b>1,000,000</b>	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Garnsey Street Business District  
Water Main Improvements*

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

**PROJECT DESCRIPTION:**  
*This project will replace aging water distribution pipelines and related appurtenances including fire hydrants and valves along Garnsey St between Warner Ave and Dyer Rd.*

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



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	820,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>820,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	820,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>820,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Grovemont Street Water Main Improvements*

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

**PROJECT DESCRIPTION:**  
*Install water mains for customers in the annexed County island northeast of 17th St and Tustin Ave.*

**PROJECT NEED:**  
*Convert customers in annexed area from City of Tustin water to City of Santa Ana water.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	2,100,000	350,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,100,000</b>	<b>350,000</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	2,100,000	350,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,100,000</b>	<b>350,000</b>	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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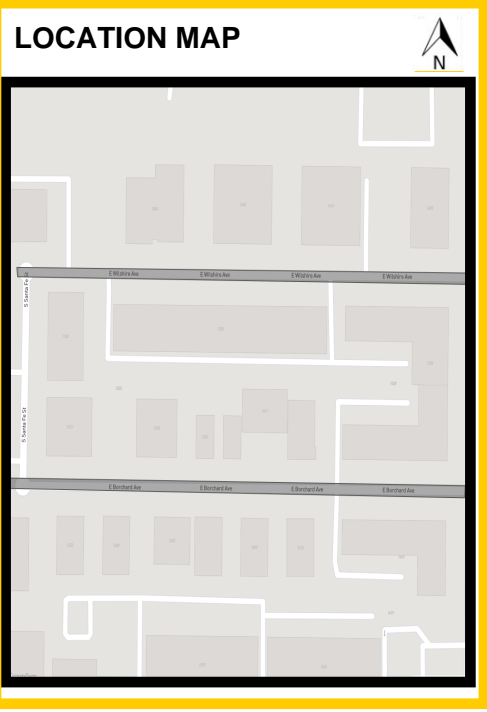
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Industrial Streets Water Main Improvements Phase 1*

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

**PROJECT DESCRIPTION:**  
*This project will replace aging water distribution pipelines and related appurtenances including fire hydrants and valves along Wilshire Ave and Borchard Ave, west of Grand Ave*

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



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,500,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,500,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	1,500,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,500,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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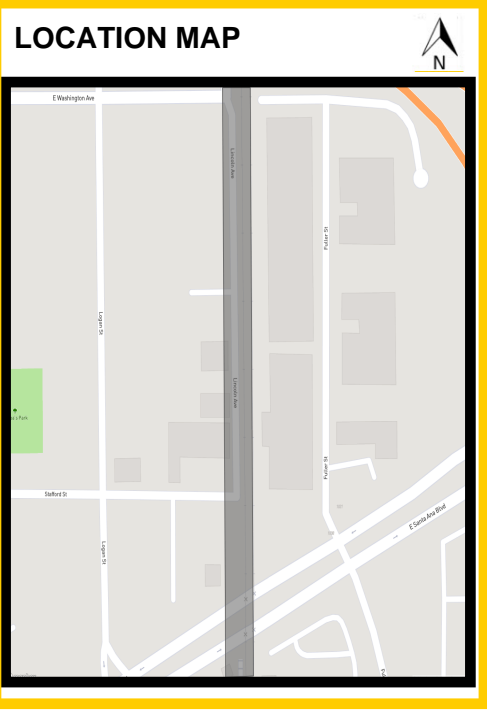
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Lincoln Avenue Water Main Improvements*

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

**PROJECT DESCRIPTION:**  
*This project will replace aging water distribution pipelines and related appurtenances including fire hydrants and valves along Lincoln Ave from Washington Ave to Santa Ana Blvd.*

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



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	800,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>800,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	800,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>800,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

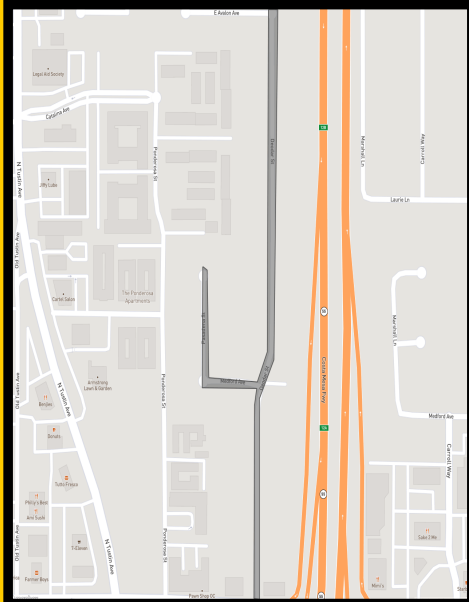
**PROJECT TITLE:**  
*NE Annex Septic to Sewer  
Improvements*

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

**PROJECT DESCRIPTION:**  
*Install water mains for customers in the annexed County island  
northeast of 17th St and Tustin Ave.*

**PROJECT NEED:**  
*Convert customers in annexed area from City of Tustin water to City of  
Santa Ana water.*

**LOCATION MAP**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,425,000	700,000	-	-	-	-	-
<b>TOTAL</b>	<b>1,425,000</b>	<b>700,000</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	1,425,000	700,000	-	-	-	-	-
<b>TOTAL</b>	<b>1,425,000</b>	<b>700,000</b>	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Water Resources*

**CONTACT:**  
*Armando Fernandez, Senior Civil Engineer*

**DATE:**  
*24-May-2021*

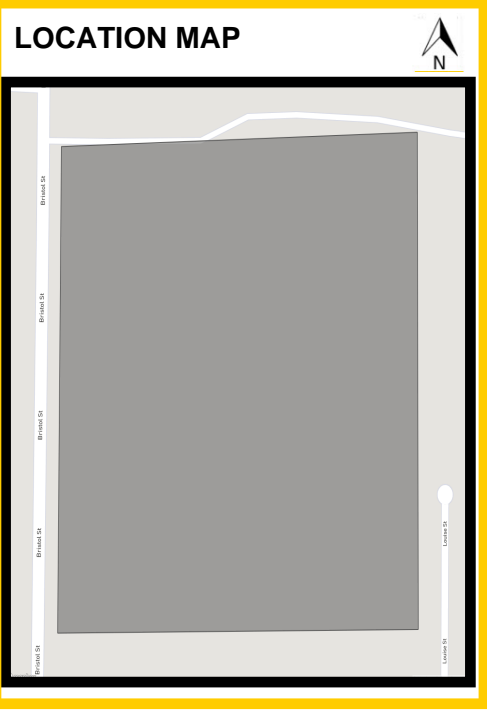
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*SA-1 Hydropower Generation Project*

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

**PROJECT DESCRIPTION:**  
*Replace the hydro turbine generator at the SA-1 connection at Garthe Station.*

**PROJECT NEED:**  
*The existing hydro turbine generator has exceeded its useful life.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,700,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,700,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	1,700,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,700,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

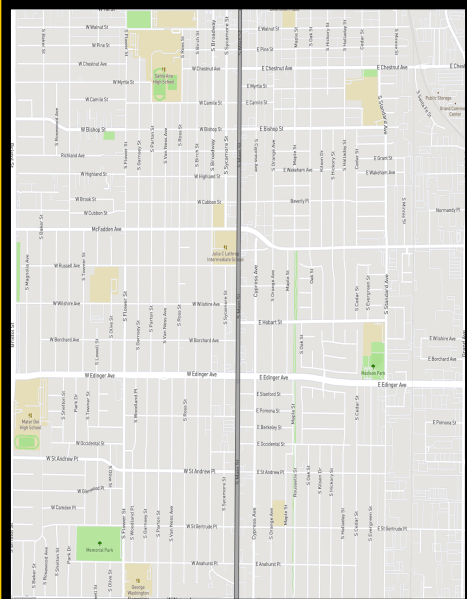
**PROJECT TITLE:**  
*South Main Street Water Main Improvements*

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

**PROJECT DESCRIPTION:**  
*This project will replace aging water distribution pipelines and related appurtenances including fire hydrants and valves along South Main St from 1st St to Warner Ave.*

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

**LOCATION MAP**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,100,000	1,100,000	-	-	-	-	-
<b>TOTAL</b>	<b>1,100,000</b>	<b>1,100,000</b>	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	1,100,000	1,100,000	-	-	-	-	-
<b>TOTAL</b>	<b>1,100,000</b>	<b>1,100,000</b>	-	-	-	-	-

**AGENCY:**  
*Public Works*

**DIVISION:**  
*Water Resources*

**CONTACT:**  
*Armando Fernandez, Senior Civil Engineer*

**DATE:**  
*24-May-2021*

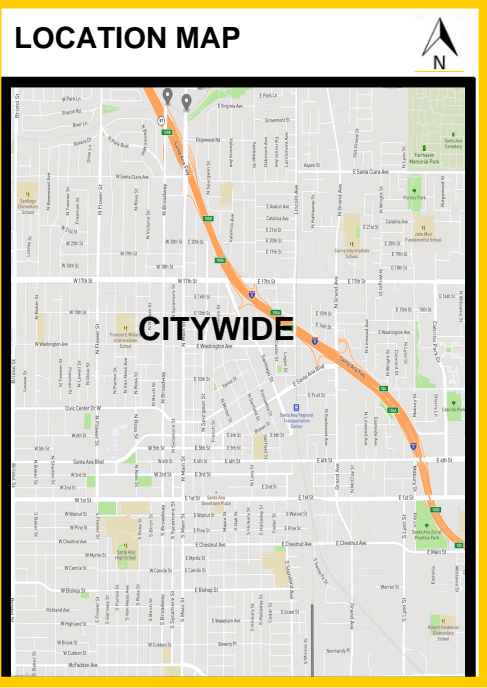
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Stormwater Channel Fencing  
Upgrades*

**PROJECT CATEGORY:**  
*Utility/Drainage/Lighting  
Improvements  
Storm Drain/Water Quality*

**PROJECT DESCRIPTION:**  
*Installation of Securifor-4D and wrought iron fencing along various  
City stormwater channels.*

**PROJECT NEED:**  
*The installation of new fencing will prohibit access to the City's  
stormwater channels, thereby reducing trash/debris from entering the  
stormdrain system. This project will improve water quality and reduce  
maintenance costs incurred from routine channel cleanings.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	400,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>400,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
FED CLEAN WATER	400,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>400,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>CIP Engineering</i>	<b>CONTACT:</b> <i>Jason Gabriel, Principal Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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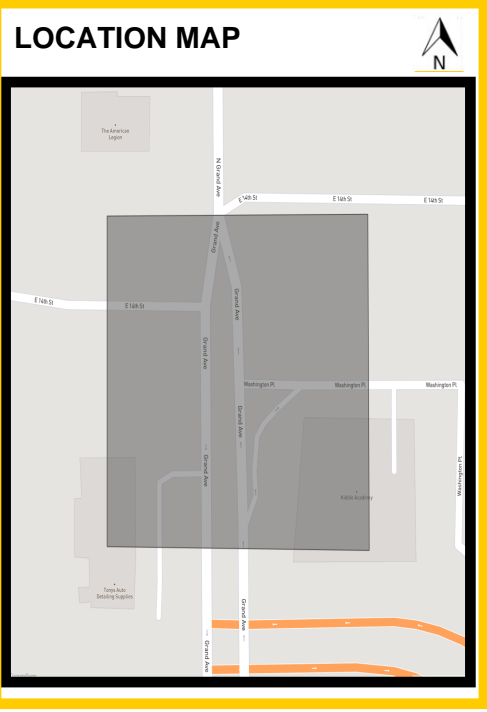
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Pressure Reducing Vault Power & Controls Improvements*

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

**PROJECT DESCRIPTION:**  
*This project will replace the existing obsolete Pressure Reducing Vault structure. Improvements include a new vault structure, new piping, new flow control valves, power controls and new communications equipment.*

**PROJECT NEED:**  
*The existing structure and equipment is obsolete and non-functional.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,380,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,380,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	1,380,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,380,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>Water Resources</i>	<b>CONTACT:</b> <i>Armando Fernandez, Senior Civil Engineer</i>	<b>DATE:</b> <i>24-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**

*Well No. 32 - Rehabilitation*

**PROJECT CATEGORY:**

*Utility/Drainage/Lighting  
Improvements  
Municipal Facilities*

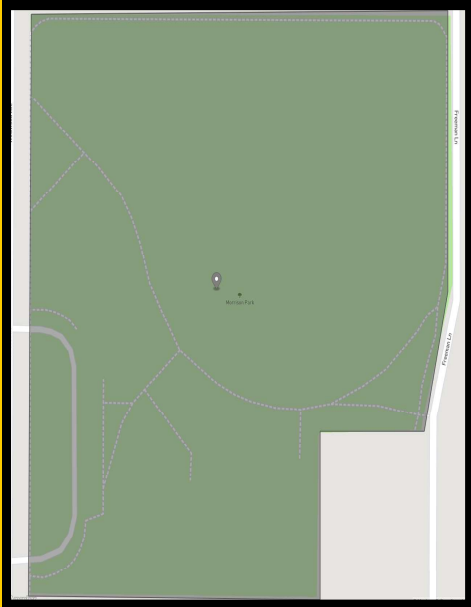
**PROJECT DESCRIPTION:**

*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**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	2,250,000	6,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,250,000</b>	<b>6,000,000</b>	-	-	-	-	-

**SOURCE OF FUNDS**

	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
WATER CAPITAL	2,250,000	6,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>2,250,000</b>	<b>6,000,000</b>	-	-	-	-	-

**AGENCY:**

*Public Works*

**DIVISION:**

*Water Resources*

**CONTACT:**

*Armando Fernandez, Senior Civil Engineer*

**DATE:**

*20-May-2021*

**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

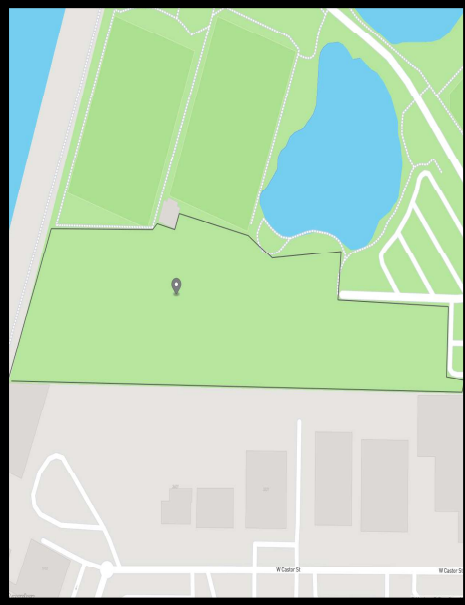
**PROJECT TITLE:**  
*City of Santa Ana Dog Park*

**PROJECT CATEGORY:**  
*Park Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Design and construct a new Dog Park on the S/W side of  
Centennial Park*

**PROJECT NEED:**  
*There is not currently a dog park in the City. This new site will provide  
Santa Ana residents with a location specifically designed for this type of  
use.*

**LOCATION MAP**



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	864,290	-	-	-	-	-	-
Engineering	235,710	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,100,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
CAPITAL OUTLAY/CELL TOWER	1,100,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,100,000</b>	-	-	-	-	-	-

**AGENCY:**  
*Parks, Rec. & Community Services*

**DIVISION:**  
*Administration*

**CONTACT:**  
*Ron Ono, Administrative Services Manager*

**DATE:**  
*20-May-2021*


**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*City Park Splash Pads (Various Sites)*

**PROJECT CATEGORY:**  
*Bikeway/Park Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Design and construct 6 splash pads at various city parks to provide a water play experience for anyone with or without the ability to swim. Splash Pads are planned for the following locations: Santa Ana Zoo, Memorial Park, Cesar Chavez/Campesino Park, Thornton Park, El Salvador Park and Madison Park.*

**PROJECT NEED:**  
*In order to provide an additional amenity to Santa Ana residents, the City is pursuing the design and construction of 6 splash pads at various city parks. The splash pads will provide an opportunity for aquatic recreational activity. The splash pads are also a more cost feasible alternative to regular pool construction.*

**LOCATION MAP** 

**CITYWIDE**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	4,198,480	-	-	-	-	-	-
Engineering	1,145,040	-	-	-	-	-	-
<b>TOTAL</b>	<b>5,343,520</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
	5,343,520	-	-	-	-	-	-
<b>TOTAL</b>	<b>5,343,520</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Parks, Rec. &amp; Community Services</i>	<b>DIVISION:</b> <i>Administration</i>	<b>CONTACT:</b> <i>Ron Ono, Administrative Services Manager</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

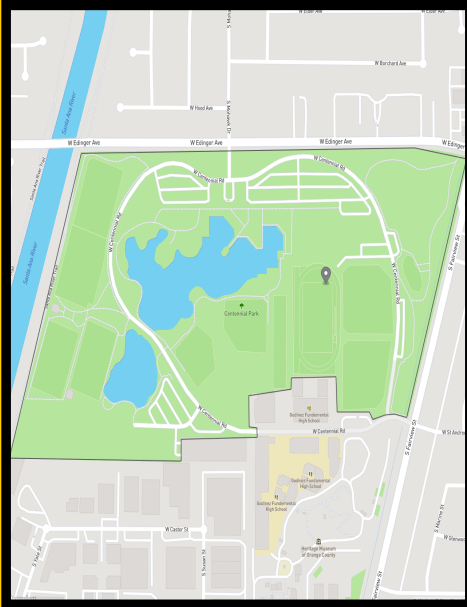
**PROJECT TITLE:**  
*Dan Young Soccer Field Sports  
Lights*

**PROJECT CATEGORY:**  
*Park Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Purchase and Installation of LED lighting at Dan Young Soccer Field #2 (Field #3, if available funding)E*

**PROJECT NEED:**  
*In order to improve the efficiency and lighting lumens at the Dan Young Soccer Fields, the City will purchase and install LED Lighting at this location. The new lighting will reduce monthly electrical costs as well as provide brighter more even lighting.*

**LOCATION MAP**



PROJECT COSTS	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Construction	418,200	-	-	-	-	-	-
<b>TOTAL</b>	<b>418,200</b>	-	-	-	-	-	-

SOURCE OF FUNDS	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
CAPITAL OUTLAY/CELL TOWER	418,200	-	-	-	-	-	-
<b>TOTAL</b>	<b>418,200</b>	-	-	-	-	-	-

**AGENCY:**  
*Parks, Rec. & Community Services*

**DIVISION:**  
*Administration*

**CONTACT:**  
*Ron Ono, Administrative Services Manager*

**DATE:**  
*24-May-2021*

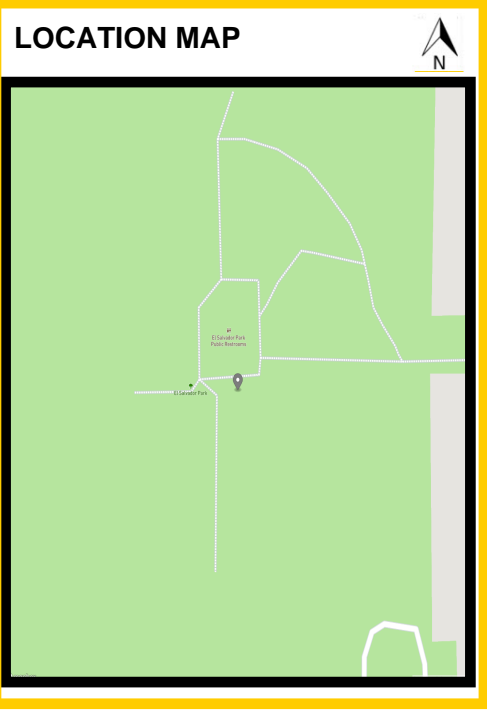
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*El Salvador Park Basketball Court & Court Lighting Renovation*

**PROJECT CATEGORY:**  
*City Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Reconstruct existing basketball court and install new basketball LED sports court lighting.*

**PROJECT NEED:**  
*The existing asphalt basketball court at El Salvador Park is deteriorating and cracking in various locations. The entire court needs to be removed and replaced with a concrete surface. The court will be color coated and the basketball goals renovated. The project will also include removal of the old center flood lighting and replaced with LED sports lighting.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	300,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>300,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
A & D District 1	300,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>300,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Parks, Rec. &amp; Community Services</i>	<b>DIVISION:</b> <i>Administrative Services</i>	<b>CONTACT:</b> <i>Ron Ono, Administrative Services Manager</i>	<b>DATE:</b> <i>07-May-2021</i>
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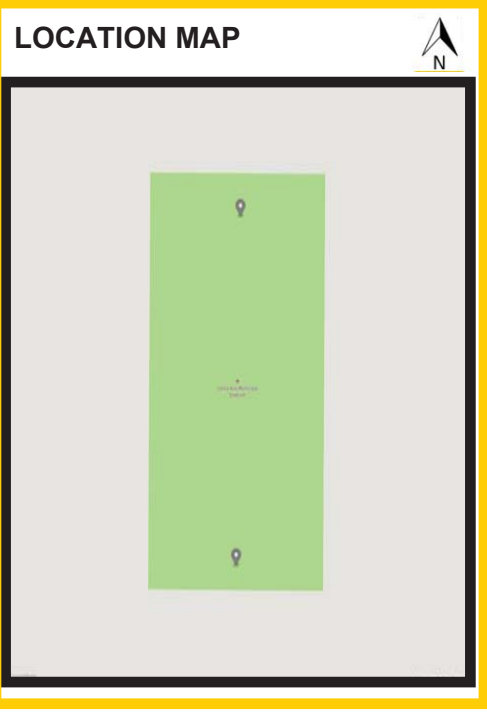
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*New Stadium Scoreboard and Marquee*

**PROJECT CATEGORY:**  
*Park Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Design and construct a new scoreboard and Marquee at the Santa Ana Stadium*

**PROJECT NEED:**  
*The current scoreboard and marquee have past their useful life.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	157,142	-	-	-	-	-	-
Engineering	42,858	-	-	-	-	-	-
<b>TOTAL</b>	<b>200,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
A & D District 2	200,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>200,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Parks, Rec. &amp; Community Services</i>	<b>DIVISION:</b> <i>Administration</i>	<b>CONTACT:</b> <i>Ron Ono, Administrative Services Manager</i>	<b>DATE:</b> <i>24-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Riverview Park Ballfield Sports Lighting Renovation*

**PROJECT CATEGORY:**  
*City Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Design and installation of new LED sports lighting the on two north ballfields.*

**PROJECT NEED:**  
*The two west ballfields at Jerome Park does not have sports lighting. The proposed project will install LED sports lighting on the two ballfields. The lighting will also be designed to accommodate soccer activity. The lighting of the ballfields will help increase field reservations for both softball and soccer.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	200,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>200,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
A & D District 1	200,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>200,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Parks, Rec. &amp; Community Services</i>	<b>DIVISION:</b> <i>Administrative Services</i>	<b>CONTACT:</b> <i>Ron Ono, Administrative Services Manager</i>	<b>DATE:</b> <i>07-May-2021</i>
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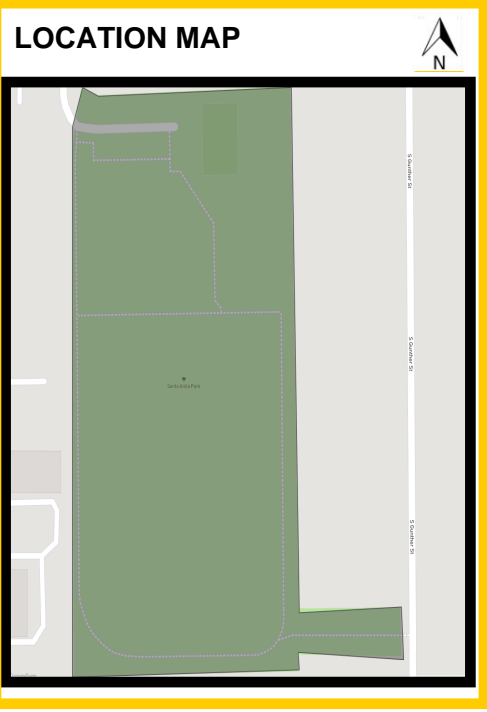
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Santa Anita Park Synthetic Turf & Shade Structure*

**PROJECT CATEGORY:**  
*Park Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Removal of existing grass in the multi-purpose sports field and installation of synthetic sports turf, subsurface drainage, and drought tolerant landscaping.*

**PROJECT NEED:**  
*PRCSA regulates the amount of play on Santa Anita grass sports field in order to maintain the turf and prevent it from becoming a dirt field. With the lack of sports fields in the City, the installation of synthetic turf will help increase the amount of play on the field. The sports field already has sports lighting and is completely fenced. The field is used for youth soccer. The perimeter of the field will be planted with drought tolerant landscaping to help reduce water usage. In addition, a Shade Structure will be installed over the bleacher area.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	122,570	-	-	-	-	-	-
Engineering	33,430	-	-	-	-	-	-
<b>TOTAL</b>	<b>156,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
A & D District 1	156,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>156,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Parks, Rec. &amp; Community Services</i>	<b>DIVISION:</b> <i>Administrative Services</i>	<b>CONTACT:</b> <i>Ron Ono, Administrative Services Manager</i>	<b>DATE:</b> <i>07-May-2021</i>
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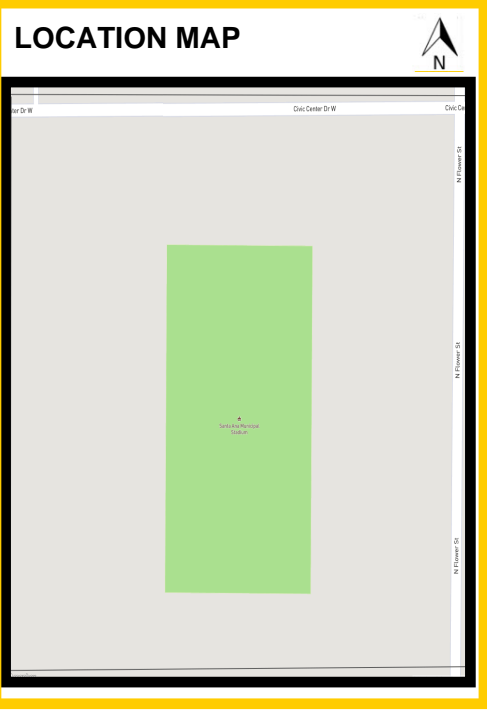
**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Stadium Synthetic Turf Renovation*

**PROJECT CATEGORY:**  
*Park Facility Improvements  
Park Facility*

**PROJECT DESCRIPTION:**  
*Funding for renovation of the synthetic turf at the Santa Ana Stadium.*

**PROJECT NEED:**  
*The current state of the synthetic turf is in need of renovation.*



<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	818,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>818,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
A & D District 3	764,000	-	-	-	-	-	-
A & D District 3 In-Lieu	54,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>818,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Parks, Rec. &amp; Community Services</i>	<b>DIVISION:</b> <i>Administration</i>	<b>CONTACT:</b> <i>Ron Ono, Administrative Services Manager</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA FY 21/22CIP  
CAPITAL IMPROVEMENT PROJECT WORKSHEET**

**PROJECT TITLE:**  
*Project W Bus Shelter Project*

**PROJECT CATEGORY:**  
*Infrastructure Improvements Facility*

**PROJECT DESCRIPTION:**  
*Install new bus shelters with integral benches, trash receptacles and advertisement panels.*

**PROJECT NEED:**  
*The Orange County Transportation Authority conducted a ridership study and has identified the 100 busiest transit stops in Orange County. Thirty Five of these locations occur in Santa Ana.*

**LOCATION MAP** 

**CITYWIDE**

<b>PROJECT COSTS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
Construction	1,030,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,030,000</b>	-	-	-	-	-	-

<b>SOURCE OF FUNDS</b>	<b>FY 21/22</b>	<b>FY 22/23</b>	<b>FY 23/24</b>	<b>FY 24/25</b>	<b>FY 25/26</b>	<b>FY 26/27</b>	<b>FY 27/28</b>
	1,030,000	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,030,000</b>	-	-	-	-	-	-

<b>AGENCY:</b> <i>Public Works</i>	<b>DIVISION:</b> <i>CIP Engineering</i>	<b>CONTACT:</b> <i>Mike Ortiz, Senior Civil Engineer</i>	<b>DATE:</b> <i>07-May-2021</i>
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**CITY OF SANTA ANA  
SEVEN YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2022 - FY 2028**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
<b>I. STREET IMPROVEMENTS</b>										
<b>FY 21/22 ALLEY REHABILITATION</b>										
1 . Alley Improvement Program								145,915		145,915
<i>Subtotal FY21/22 ALLEY REHABILITATION</i>								<i>145,915</i>		<i>145,915</i>
<b>FY 21/22 PLANNING</b>										
2 . Pavement Management								325,000		325,000
3 . Project Development								125,000		125,000
4 . Right-of-Way Management								350,000		350,000
<i>Subtotal FY21/22 PLANNING</i>								<i>800,000</i>		<i>800,000</i>
<b>FY 21/22 NEIGHBORHOOD STREET REHABILITATION</b>										
5 . Garnsey Business District Improvements	4,334,666									4,334,666
<i>Subtotal FY21/22 NEIGHBORHOOD STREET REHABILITATION</i>										<i>4,334,666</i>
<b>FY 21/22 LOCAL STREET RESURFACING</b>										
6 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY21/22 LOCAL STREET RESURFACING</i>								<i>3,000,000</i>		<i>3,000,000</i>
<b>FY 21/22 ARTERIAL STREET REHABILITATION</b>										
7 . Bristol Street Rehabilitation: Santa Clara to Memory Lane	940,000									940,000
8 . Grand Avenue Rehabilitation: Warner to Edinger	1,668,221									1,668,221
9 . Main Street Rehabilitation: MacArthur Blvd to Dyer Rd	1,680,000									1,680,000
10 . Westminster Avenue Rehabilitation: Newhope St to Harbor Blvd	1,335,892								164,108	1,500,000
<i>Subtotal FY21/22 ARTERIAL STREET REHABILITATION</i>										<i>5,788,221</i>
<b>FY 21/22 STREET/BRIDGE IMPROVEMENTS &amp; WIDENING</b>										
11 . Bristol Street and Memory Lane Intersection Widening									400,000	400,000
12 . Bristol Street Improvements and Widening: Phase 4 - Warner to Saint Andrew	50,000									50,000
13 . Fairview Bridge and Street Improvements									830,000	830,000
14 . Warner Avenue Improvements: Phase 2 - Oak to Grand						1,000,000				1,000,000
<i>Subtotal FY21/22 STREET/BRIDGE IMPROVEMENTS &amp; WIDENING</i>									<i>1,394,108</i>	<i>2,280,000</i>
<b>FY 22/23 PLANNING</b>										
15 . Pavement Management								250,000		250,000
16 . Project Development								150,000		150,000
17 . Right-of-Way Management								150,000		150,000
18 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY22/23 PLANNING</i>								<i>3,550,000</i>		<i>3,550,000</i>
<b>FY 23/24 PLANNING</b>										

**CITY OF SANTA ANA  
SEVEN YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2022 - FY 2028**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
19 . Pavement Management								400,000		400,000
20 . Project Development								150,000		150,000
21 . Right-of-Way Management								150,000		150,000
22 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY23/24 PLANNING</i>								<i>3,700,000</i>		<i>3,700,000</i>
<b>FY 24/25 PLANNING</b>										
23 . Pavement Management								250,000		250,000
24 . Project Development								150,000		150,000
25 . Right-of-Way Management								150,000		150,000
26 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY24/25 PLANNING</i>								<i>3,550,000</i>		<i>3,550,000</i>
<b>FY 25/26 PLANNING</b>										
27 . Pavement Management								400,000		400,000
28 . Project Development								150,000		150,000
29 . Right-of-Way Management								150,000		150,000
30 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY25/26 PLANNING</i>								<i>3,700,000</i>		<i>3,700,000</i>
<b>FY 26/27 PLANNING</b>										
31 . Pavement Management								250,000		250,000
32 . Project Development								150,000		150,000
33 . Right-of-Way Management								150,000		150,000
34 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY26/27 PLANNING</i>								<i>3,550,000</i>		<i>3,550,000</i>
<b>FY 27/28 PLANNING</b>										
35 . Pavement Management								400,000		400,000
36 . Project Development								150,000		150,000
37 . Right-of-Way Management								150,000		150,000
38 . Local Street Preventative Maintenance								3,000,000		3,000,000
<i>Subtotal FY27/28 PLANNING</i>								<i>3,700,000</i>		<i>3,700,000</i>
<b>FY 27/28 ARTERIAL STREET REHABILITATION</b>										
39 . Bristol Street and Segerstrom Avenue Improvements								1,000,000		1,000,000
40 . Bristol Street and 1st Street Improvements								3,000,000		3,000,000
<i>Subtotal FY27/28 ARTERIAL STREET REHABILITATION</i>								<i>4,000,000</i>		<i>4,000,000</i>
<b>TOTAL STREET IMPROVEMENTS</b>	<b>10,008,779</b>					<b>1,000,000</b>		<b>29,695,915</b>	<b>1,394,108</b>	<b>42,098,802</b>

**CITY OF SANTA ANA  
SEVEN YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2022 - FY 2028**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
<b>II. TRAFFIC IMPROVEMENTS</b>										
<b>FY 21/22 TRAFFIC IMPROVEMENTS</b>										
41. Bristol Street and Santa Clara Avenue Signal Modification	23,800 <sup>7</sup>									23,800
42. Citywide Speed Limit Study								70,000		70,000
43. First Street Corridor Traffic Signal Synchronization								380,000		380,000
44. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY21/22 TRAFFIC IMPROVEMENTS</i>	<i>23,800</i>							<i>550,000</i>		<i>573,800</i>
<b>FY 21/22 TRAFFIC SAFETY / MOBILITY</b>										
45. Fremont Elementary and Spurgeon Intermediate SRTS	4,849,000 <sup>1</sup>									4,849,000
46. Legacy Square Transportation Improvements	1,997,865 <sup>2</sup>									1,997,865
47. Pedestrian Improvements									285,000	285,000
48. Safe Mobility Santa Ana Update	147,000 <sup>7</sup>							33,000		180,000
<i>Subtotal FY21/22 TRAFFIC SAFETY / MOBILITY</i>	<i>6,993,865</i>							<i>33,000</i>	<i>285,000</i>	<i>7,311,865</i>
<b>FY 21/22 PLANNING</b>										
49. Bike Lane Project Development								80,000		80,000
50. Traffic Management Plans								50,000		50,000
51. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY21/22 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>FY 22/23 TRAFFIC IMPROVEMENTS</b>										
45. Bristol Street and Santa Clara Avenue Signal Modification	297,100 <sup>6</sup>									297,100
52. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY22/23 TRAFFIC IMPROVEMENTS</i>	<i>297,100</i>							<i>100,000</i>		<i>397,100</i>
<b>FY 22/23 PLANNING</b>										
53. Bike Lane Project Development								80,000		80,000
54. Traffic Management Plans								50,000		50,000
55. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY22/23 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>FY 23/24 TRAFFIC IMPROVEMENTS</b>										
56. Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY23/24 TRAFFIC IMPROVEMENTS</i>								<i>100,000</i>		<i>100,000</i>
<b>FY 23/24 PLANNING</b>										
57. Bike Lane Project Development								80,000		80,000
58. Traffic Management Plans								50,000		50,000
59. Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY23/24 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>FY 24/25 TRAFFIC IMPROVEMENTS</b>										
60. Traffic Signal Equipment Replacement								100,000		100,000

**CITY OF SANTA ANA  
SEVEN YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2022 - FY 2028**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
<i>Subtotal FY24/25 TRAFFIC IMPROVEMENTS</i>								<i>100,000</i>		<i>100,000</i>
<b>FY 24/25 PLANNING</b>										
61 . Bike Lane Project Development								80,000		80,000
62 . Traffic Management Plans								50,000		50,000
63 . Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY24/25 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>FY 25/26 TRAFFIC IMPROVEMENTS</b>										
64 . Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY25/26 TRAFFIC IMPROVEMENTS</i>								<i>100,000</i>		<i>100,000</i>
<b>FY 25/26 PLANNING</b>										
65 . Bike Lane Project Development								80,000		80,000
66 . Traffic Management Plans								50,000		50,000
67 . Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY25/26 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>FY 26/27 TRAFFIC IMPROVEMENTS</b>										
68 . Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY26/27 TRAFFIC IMPROVEMENTS</i>								<i>100,000</i>		<i>100,000</i>
<b>FY 26/27 PLANNING</b>										
69 . Bike Lane Project Development								80,000		80,000
70 . Traffic Management Plans								50,000		50,000
71 . Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY26/27 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>FY 27/28 TRAFFIC IMPROVEMENTS</b>										
72 . Traffic Signal Equipment Replacement								100,000		100,000
<i>Subtotal FY27/28 TRAFFIC IMPROVEMENTS</i>								<i>100,000</i>		<i>100,000</i>
<b>FY 27/28 PLANNING</b>										
73 . Bike Lane Project Development								80,000		80,000
74 . Traffic Management Plans								50,000		50,000
75 . Traffic Safety Project Development								50,000		50,000
<i>Subtotal FY27/28 PLANNING</i>								<i>180,000</i>		<i>180,000</i>
<b>TOTAL TRAFFIC IMPROVEMENTS</b>										
	<i>7,314,765</i>							<i>2,443,000</i>	<i>285,000</i>	<i>10,042,765</i>

**III. UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS**

**FY 21/22 SEWER IMPROVEMENTS**

76. Fairhaven Neighborhood Sewer Main Improvements					300,000					300,000
77. Industrial Streets Sewer Main Improvements Phase 1					225,000					225,000
78. Lincoln Avenue Sewer Main Improvements					800,000					800,000

**CITY OF SANTA ANA  
SEVEN YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2022 - FY 2028**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
79. NE Annex Septic to Sewer Conversion					840,000					840,000
80. Rene Drive Sewer Main Upgrade					590,000					590,000
81. Santa Ana Memorial Neighborhood Sewer Main Improvements					225,000					225,000
82. Willard Neighborhood Sewer Main Improvements					130,000					130,000
83. Wright Street Sewer Main Improvements					737,000					737,000
<i>Subtotal FY21/22 SEWER IMPROVEMENTS</i>					<i>3,847,000</i>					<i>3,847,000</i>
<b>FY 21/22 WATER IMPROVEMENTS</b>										
84. Bristol Street Water Main Improvements Phase 3A - Civic Center to Washington				50,000						50,000
85. East & West Reservoirs Chlorine Buildings				1,000,000						1,000,000
86. Euclid Street Water Main Improvements				2,500,000						2,500,000
87. Fairview Street Water Main Improvements				2,500,000						2,500,000
88. Garnsey Street Business District Water Main Improvements				820,000						820,000
89. Grovemont Street Water Main Improvements				2,100,000						2,100,000
90. Industrial Streets Water Main Improvements Phase 1				1,500,000						1,500,000
91. Lincoln Avenue Water Main Improvements				800,000						800,000
92. NE Annex Septic to Sewer Improvements				1,425,000						1,425,000
93. SA-1 Hydropower Generation Project				1,700,000						1,700,000
94. South Main Street Water Main Improvements				1,100,000						1,100,000
<i>Subtotal FY21/22 WATER IMPROVEMENTS</i>					<i>15,495,000</i>					<i>15,495,000</i>
<b>FY 21/22 STORM DRAIN/WATER QUALITY</b>										
95. Stormwater Channel Fencing Upgrades	400,000 <sup>4</sup>									400,000
<i>Subtotal FY21/22 STORM DRAIN/WATER QUALITY</i>										<i>400,000</i>
<b>FY 21/22 MUNICIPAL FACILITIES</b>										
96. Pressure Reducing Vault Power & Controls Improvements				1,380,000						1,380,000
97. Well No. 32 - Rehabilitation				2,250,000						2,250,000
<i>Subtotal FY21/22 MUNICIPAL FACILITIES</i>					<i>3,630,000</i>					<i>3,630,000</i>
<b>FY 22/23 SEWER IMPROVEMENTS</b>										
98. Flower Street Sewer Main Improvements					1,000,000					1,000,000
99. NE Annex Septic to Sewer Conversion					400,000					400,000
100. Rene Drive Sewer Main Upgrade					625,000					625,000
101. Wright Street Sewer Main Improvements					2,000,000					2,000,000
<i>Subtotal FY22/23 SEWER IMPROVEMENTS</i>					<i>4,025,000</i>					<i>4,025,000</i>
<b>FY 22/23 WATER IMPROVEMENTS</b>										
102. Bristol Street Water Main Improvements Phase 3A - Civic Center to Washington				250,000						250,000
103. East & West Reservoirs Chlorine Buildings				500,000						500,000

**CITY OF SANTA ANA  
SEVEN YEAR CAPITAL IMPROVEMENT PROGRAM**

**FY 2022 - FY 2028**

PROJECTS	OTHER	CDBG	CAPITAL OUTLAY	WATER CAPITAL	SEWER	AREA FEES	A & D FUNDS	MEASURE M2	GAS TAX	TOTAL
104. Euclid Street Water Main Improvements				2,000,000						2,000,000
105. Fairview Street Water Main Improvements				1,000,000						1,000,000
106. Grovemont Street Water Main Improvements				350,000						350,000
107. NE Annex Septic to Sewer Improvements				700,000						700,000
108. South Main Street Water Main Improvements				1,100,000						1,100,000
<i>Subtotal FY22/23 WATER IMPROVEMENTS</i>				<i>5,900,000</i>						<i>5,900,000</i>
<b>FY 22/23 MUNICIPAL FACILITIES</b>										
109. Well No. 32 - Rehabilitation				6,000,000						6,000,000
<i>Subtotal FY22/23 MUNICIPAL FACILITIES</i>				<i>6,000,000</i>						<i>6,000,000</i>

<b>TOTAL UTILITY/DRAINAGE/LIGHTING IMPROVEMENTS</b>	<b>400,000</b>			<b>31,025,000</b>	<b>7,872,000</b>					<b>39,297,000</b>
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**IV. PARK FACILITY IMPROVEMENTS**

**FY 21/22 PARK FACILITY**

110 . City of Santa Ana Dog Park			1,100,000							1,100,000
111 . City Park Splash Pads (Various Sites)	5,343,520 <sup>6</sup>									5,343,520
112 . Dan Young Soccer Field Sports Lights			418,200							418,200
113 . El Salvador Park Basketball Court & Court Lighting Renovation							300,000			300,000
114 . New Stadium Scoreboard and Marquee							200,000			200,000
115 . Riverview Park Ballfield Sports Lighting Renovation							200,000			200,000
116. Santa Anita Park Synthetic Turf & Shade Structure							156,000			156,000
117. Stadium Synthetic Turf Renovation							818,000			818,000
<i>Subtotal FY21/22 PARK FACILITY</i>	<i>5,343,520</i>		<i>1,518,200</i>				<i>1,674,000</i>			<i>8,535,720</i>

<b>TOTAL PARK FACILITY IMPROVEMENTS</b>	<b>5,343,520</b>		<b>1,518,200</b>				<b>1,674,000</b>			<b>8,535,720</b>
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**V. INFRASTRUCTURE IMPROVEMENTS**

**FY 21/22 FACILITY**

118. Project W Bus Shelter Project								1,030,000		1,030,000
<i>Subtotal FY21/22 FACILITY</i>								<i>1,030,000</i>		<i>1,030,000</i>

<b>TOTAL INFRASTRUCTURE IMPROVEMENTS</b>								<b>1,030,000</b>		<b>1,030,000</b>
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<b>GRAND TOTAL SEVEN YEAR CIP PROJECTS</b>	<b>23,067,064</b>		<b>1,518,200</b>	<b>31,025,000</b>	<b>7,872,000</b>	<b>1,000,000</b>	<b>1,674,000</b>	<b>33,168,915</b>	<b>1,679,108</b>	<b>101,004,287</b>
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**CITY OF SANTA ANA  
SEVEN-YEAR CAPITAL IMPROVEMENT  
PROGRAM FY 2021 – 2028**

**"OTHER" FUNDING SOURCES**

- (1) ACTIVE TRANSPORTATION PROGRAM - STATE
- (2) AFFORDABLE HOUSING SUSTAINABLE COMMUNITIES
- (3) CONGESTION MANAGEMENT AND AIR QUALITY
- (4) FEDERAL CLEAN WATER ENTERPRISE
- (5) REFUSE - MAINTENANCE
- (6) ACTIVE TRANSPORTATION PROGRAM - FEDERAL
- (7) CELL TOWER REVENUE
- (8) SB-1 ROAD MAINTENANCE AND REHABILITATION ACCOUNT
- (9) DRAINAGE AREA FEE: AREA IV
- (10) PRCSA YOUTH SERVICES