

Public Works Department and Utilities Department Capital Improvement Program & Studies

Summary Sheet

FY 2024/2025 thru FY 2034/2035

Studies	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FY's 2030/2031 through FY 2034/2035	Total Per Department
Public Works Department	\$ -	\$ 463,000	\$ 25,000					
Transit			\$ 20,000	\$ 50,000			\$ 85,000	
Gas Tax					\$ 50,000			
Water Department Studies				\$ 30,000				
Sewer Department Studies		\$ 30,000	\$ 35,000				\$ 70,000	
WWTP Department Studies								
Studies Total:	\$ -	\$ 493,000	\$ 80,000	\$ 80,000	\$ 50,000	\$ -	\$ 155,000	\$ 488,000

Studies included in Budget

Public Works Department CIP	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2030/2031 through FY 2034/2035	Total 10-yr total Per Fund
Parks (Maintenance Division)	\$ 231,910	\$ 401,000	\$ 600,000	\$ 140,000	\$ -	\$ -	\$ -	
Facilities (Maintenance Division)	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 60,000	\$ -	\$ 20,000,000	
Streets (Engineering Division)	\$ -	\$ 3,717,000	\$ 4,552,000	\$ 3,633,500	\$ 7,295,000	\$ 3,733,000	\$ 16,350,000	
Traffic Mitigation (Engineering Division)	\$ -	\$ -	\$ 250,000	\$ -	\$ 400,000	\$ -	\$ 5,000,000	
Stormwater (Engineering Division)	\$ -	\$ 50,000	\$ -	\$ -	\$ 75,000	\$ 250,000	\$ 250,000	
Transit (Engineering Division)	\$ -	\$ 1,605,000	\$ 1,470,000	\$ 160,000	\$ 250,000	\$ -	\$ 500,000	
GF Total	\$ 231,910	\$ 3,495,000	\$ 4,084,000	\$ 3,451,500	\$ 5,551,418	\$ 3,347,000	\$ 18,100,000	\$ 58,260,828
CIP Per Year Total:	\$ 231,910	\$ 5,773,000	\$ 7,172,000	\$ 4,233,500	\$ 8,080,000	\$ 3,983,000	\$ 42,100,000	

Studies not included in CIP total

Utilities Department CIP	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2030/2031 through FY 2034/2035	10 Year Total per Fund
Water (Water Division)	\$ 3,550,000	\$ 2,075,000	\$ 250,000	\$ 5,750,000	\$ 650,000	\$ 550,000	\$ 13,910,000	\$ 26,735,000
Sanitary Sewer (Wastewater Division)	\$ 350,000	\$ 580,000	\$ 1,380,000	\$ 100,000	\$ 100,000	\$ -	\$ 500,000	\$ 3,010,000
WWTP (Wastewater Division)	\$ 910,000	\$ 2,969,000	\$ 8,400,000	\$ 10,000,000	\$ -	\$ -	\$ -	\$ 22,279,000
CIP Total:	\$ 4,810,000	\$ 5,624,000	\$ 10,030,000	\$ 15,850,000	\$ 750,000	\$ 550,000	\$ 14,410,000	

Public Works Department Studies

FY 2024/2025 thru FY's 2034/2035

Studies Project Name, Description & Need	Funding Sources	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2035
Short Range Transit Plan Update, and Infrastructure Plan Update <i>Description : Prepare updated Short Range Transit Plan, and prepare updated SYVT Infrastructure Plan.</i> <i>Need: The Plan update is needed to strategically plan and implement future transit improvements to maximize ridership, and comply with Federal and State funding requirements.</i>	Transit				\$ 50,000			\$ 55,000
Soil Preservation Plan <i>Description : A strategy designed to maintain and improvement the health and quality of soil maintained by the City. Key components: erosion control, soil fertility management, water management, wildlife/vegetation protection.</i> <i>Need : Establish a list of project to include in the CIP to mitigate soil loss on hillsides and within the right-of-way, parkways, and parks. Example project: stabilize the hillside north of Chalk Hill Road between Fredensborg Cyn Rd and Elsinore Dr.</i>	General Fund			\$ 25,000				
Urban Forest / Tree Master Plan <i>Description : Policy establishment/review, Inventory existing trees, evaluate suitability for planting, define environmental objectives, species selection, planting criteria, maintenance and care, public educations, monitoring, and budgeting</i> <i>Need: The City maintains hundreds of trees with in the right-of-way and in their parks. The plan would help guide the long term care of existing trees and identify strategies for continued care and replanting.</i>	General Fund		\$ 88,000					
Update Emergency Plan <i>Description : Update the existing Emergency Plan</i> <i>Need: To update the curent emergency plan for compliance with local and state laws to ensure the safety and preparedness of our community in the</i>	Measure U		\$ 125,000					
ADA Paratransit Plan Update <i>Description : Prepare updated ADA Paratransit Plan.</i> <i>Need: The Plan update is needed to comply with Federal and State funding requirements.</i>	Transit							\$ 11,000
Alisal Bridge Pier Repair Project Study <i>Description : Renew and peer review the 2012 Alisal Bridge Study</i>	Gas Tax					\$ 50,000		

<i>Need: This study was originally completed in 2012 and needs to be updated with current information</i>								
Mission Drive Operations Study <i>Description: Initiate discussions with Caltrans and pursue recommended study to improve traffic operations and safety on Mission Drive and through Solvang</i> <i>Need: To enhance the flow of traffic on Mission Drive through Solvang</i>	Grant Caltrans grant if awarded		\$ 250,000					
Title VI Plan Update <i>Description: Prepare updated Title VI Civil Rights Plan.</i> <i>Need: The Plan update is needed to comply with Federal and State funding requirements.</i>	Transit			\$ 20,000				\$ 19,000
	Total:	\$ -	\$ 463,000	\$ 45,000	\$ 50,000	\$ 50,000	\$ -	\$ 85,000

Utilities Department Studies

FY 2024/25 thru 2034/2035

Studies Project Name, Description & Need	Project and 10-Yr Program Cost	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2030 - 2035
Water Master Plan Update (completion) <i>Description: Update the City's 2011 Water System Master Plan to identify existing deficiencies and develop capital plan for necessary infrastructure upgrades and future water supply needs.</i> <i>Need: The Plan will create a road map to implement necessary infrastructure upgrades and address future water supply needs to sustain the City's long term growth.</i>	\$ 30,000	Water Fund				\$ 30,000			
Sewer System Master Plan Update (completion) <i>Description: Develop hydraulic model and update the City's 1989 Sewer System Master Plan to identify existing deficiencies, and develop capital plan for necessary infrastructure upgrades for future development and growth.</i> <i>Need: The Plan is needed to identify existing system deficiencies and replacement needs, forecast future capital improvement needs, and develop a 10-year Sewer System capital improvement plan. After identifying all needs, funding strategies can be pursued.</i>	\$ 70,000	Sewer Fund			\$ 35,000				\$ 35,000
Sewer System Management Plan Update <i>Description: Update the City's Sewer System Management Plan every 5 years as required by our State Permit to operate our sewer collection system.</i> <i>Need: This is a regulatory requirement. Periodic updates to the City's Sewer System Management Plan ensure operational strategies stay abreast with current best management practices, procedures, and strategies.</i>	\$ 65,000	Sewer Fund		\$ 30,000					\$ 35,000
Total:	\$ 135,000		\$ -	\$ 30,000	\$ 35,000	\$ 30,000	\$ -	\$ -	\$ 70,000

Shading indicates work in progress.

Capital Improvement Program

Maintenance (Parks)

FY 2024/2025 thru 2034/2035

Capital Projects - Maintenance (Parks)	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2035
Parks and Recreation Masterplan <i>Description: To create a roadmap for creating vibrant, functional, and sustainable recreational spaces that meet the evolving need of the citizens</i> <i>Need: to identify the community needs and desires of recreational needs and ensure the parks and rec facilities align with the citizens needs</i>	Measure U	\$ 231,910						
Restroom 2 Upgrades Project <i>Description: Construct major remodel, additional restrooms and upgrades to Restroom 2.</i> <i>Need: The Project will extend the useful life of the facility. Periodic upgrade to the existing facility is essential to the health and safety of the public. Sustainable water and energy facility enhancements will be incorporated into the project.</i>	General Fund			\$ 250,000				
Park Host Mobile Home Replacement <i>Description: Replace existing mobile home that has exceeded its useful life</i> <i>Need: The mobile home at HCA Park is approximately 30 years old and will need major upgrades to bring it upto current standards</i>	General Fund			\$ 350,000				
HCA Pickleball Courts <i>Description: Replace existing pickleball courts with properly designed courts with an additional of several more courts</i> <i>Need: Aims to replace and enhance the community's recreational needs by constructiong state of the art pickleball courts.</i>	General Fund		\$ 401,000					
HCA Pergola Replacement Project (Area D) <i>Description: Replace the existing aging pergola structure in Area D when it reaches the end of its useful life.</i> <i>Need: The pergola has had past termite and dry rot damage, and is breaking down due to the weight and size of the wisteria vines. Eventually the entire structure will need to be fully replaced when it reaches the end of its useful life.</i>	General Fund				\$ 140,000			
	Total:	\$ 231,910	\$ 401,000	\$ 600,000	\$ 140,000	\$ -	\$ -	\$ -

Prop 68 Grant Total: \$ 178,000.00

Capital Improvement Program

Streets

FY 2024/2025 thru 2034/2035

Capital Projects - Streets	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2035
Slurry Seal <i>Description</i> : Construct slurry seal roadway maintenance to select streets. Priority is based on condition and according to Pavement Maintenance Plan. <i>Need</i> : The project provides critical maintenance to extend the useful life of the existing City roadway infrastructure and repair structural deterioration.	Measure A SB1 Funding General Fund Measure U			\$ 316,000 \$150,000		\$ 382,000 \$150,000 \$1,388,000 \$ 1,500,000		\$ 460,000 \$800,000 \$6,240,000
Alamo Pintado Road Rehabilitation Project <i>Description</i> : Road rehabilitation from Viborg to SB Co. limits (north of Sunny fields Park) work will include milling and replacing 6-inches of the existing travel lanes, overlay pf the entire width of road, replacement of ADA curb ramps, and restriping. In addition project will include slurry seal preparation for the PMP 2026 Slurry Seal 1 area. <i>Need</i> : Alamo Pintado Road was identified in the City 2024 Pavement Management Program (PMP) as a high priority road for rehabilitation.	Measure A General Fund SB1 Funding Measure U		\$490,000 \$2,344,000 \$153,000 \$700,000					
Pavement Overlay, Repairs & Crack Seal Program <i>Description</i> : Construct crack seal and pavement overlay roadway maintenance to select street. Priority is based on condition and according to Pavement Maintenance Plan. <i>Need</i> : The project provides critical maintenance to extend the useful life of the existing City roadway infrastructure and repair structural deterioration.	Measure A & SB1 Funding General Fund/ Measure U				\$249,000 \$150,000 \$ 2,956,500		\$ 263,000 \$150,000 \$ 3,097,000	\$ 690,000 \$ 200,000 \$ 6,610,000
Miscellaneous Road Repairs <i>Description</i> : Construct miscellaneous road repairs, curb & gutter repairs, storm drain repairs, tree work, and minor sidewalk repairs. <i>Need</i> : The project provides critical maintenance to extend the useful life of the existing City roadway infrastructure and repair structural deterioration.	Measure A		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Sidewalk Infill & Repair <i>Description</i> : Construct repairs to damaged sidewalks and construct new sidewalks to schools, parks and other primary destinations. <i>Need</i> : The project will improve facility safety and enhance the appearance of the City's sidewalk infrastructure. Location of new sidewalk will align with City's Sidewalk Master Plan.	Measure A General Fund				\$ 100,000		\$ 100,000	\$ 500,000
Access Ramp Improvements <i>Description</i> : Construct new access ramps or upgrade existing access ramps along existing sidewalks. <i>Need</i> : This project is needed to meet Federal and State ADA infrastructure improvement mandates.	Measure A			\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 325,000
Laurel Avenue Sidewalk Project	Measure A							

Capital Improvement Program

Traffic Mitigation

FY 2024/2025 thru 2034/2035

Capital Projects	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2035
Project Name, Description & Need Mission and Fifth Intersection Improvements & Protected Left Turn on Fifth Street <i>Description: The proposed project involves the installation of a protected left-turn signal at the intersection of Fifth St. and Mission Dr. (SR246). The protected turning phase(s) improvement aims to enhance traffic flow and safety for Fifth St. vehicles wanting to travel westbound on Mission Dr.</i> <i>Need: Drivers headed northbound on Fifth St. cannot turn left on to Mission Dr. because they must yield to southbound drivers turning right, as those drivers have the right of way. This results in significant traffic congestion along Fifth and Oak St.</i>	General Fund Measure U			\$ 250,000				
City Wide Wayfinding <i>Description: Enhance wayfinding to public parking by implementing uniform and consistent signage and branding as outlines in the Downtown Solvang Parking Study completed February 2021.</i> <i>Need: Improve vehicle congestion through Solvang.</i>	General Fund Measure U					\$ 400,000		
Fjord Drive Extension <i>Description: Extend Fjord Drive west from its existing terminus westerly across Adobe Creek and then north up to the intersection of Mission Drive & Skytt Mesa Drive.</i> <i>Need: The Project is needed to reduce traffic on Mission Drive through downtown Solvang by providing a partial bypass for Solvang residents living south of Mission Drive. The Project will also include creek restoration at its crossing with Adobe Creek by removing many years of concrete debris and restoring connection with the Santa Ynez River.</i>	General Fund Grant ??							\$ 5,000,000
Total:		\$ -	\$ -	\$ 250,000	\$ -	\$ 400,000	\$ -	\$ 5,000,000
				\$ 250,000	\$ -	\$ 400,000	\$ -	\$ 5,000,000

Future Projects: Bikeway/Shoulder Widening (West End Mission Dr.); and Sunny Fields Spur Trail.

Capital Improvement Program

Stormwater

FY 2024/2025 thru 2034/2035

Capital Projects	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2035
Trash Capture Device at Alisal Bridge Outfall# <i>Description: Full Capture Devices installation at the end of the Alisal Road storm drain system to comply with State unfunded mandate for full</i> <i>Need: Installation of a full trash capture device at the end of the Alisal Road storm drain system which conveys stormwater runoff along Alisal Road to the Santa Ynez River untreated to help with full compliance of the State Trash Amendment, durrect deadline 2030.</i>	General Fund					\$ 75,000	\$ 250,000	
Adobe Creek Culvert Replacement <i>Description: Replace and enlarge Adobe Creek culvert along Fredensborg Canyon Road just north of College Canyon Road.</i> <i>Need: The Project is needed to replace and enlarge the CMP culvert that has reached the end of its useful life, and to reduce incidence of flooding of the road.</i>	General Fund							\$ 50,000
Track 2 Trash Implementation Plan <i>Description: Investigate/develop a plan for switching the City's Stormwater Program compliance strategy away from Track 1 (100% installation of full capture devices) to Track 2 (hybrid version) for compliance with State Trash Amendment.</i> <i>Need: The State Trash Amendment requires that all MS4s provide full trash capture in stormwater runoff prior to release of runoff to the Santa Ynez River by December 2, 2030</i>	General Fund		\$ 50,000					
S. Alisal Rd Culvert Replacement <i>Description: Replace and enlarge undersized culverts along S. Alisal Road.</i> <i>Need: The Project is needed to replace CMP culverts that are undersized and have failed multiple times during large storm events causing flooding and road closure.</i>	General Fund							\$ 200,000
	Total:	\$ -	\$ 50,000	\$ -	\$ -	\$ 75,000	\$ 250,000	\$ 250,000

Capital Improvement Program

Santa Ynez Valley Transit

FY 2024/25 thru 2034/2035

Capital Projects	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2035	
Transit Vehicle Replacement Program <i>Description: Ongoing Program to purchase new (replacement) transit buses.</i> <i>Need: The ongoing Program is required to maintain the SYVT fleet in a "state of good repair" and meet the obligation to provide transit and dial-a-ride service to the community.</i>	Transit & Grants		\$ 215,000 \$ 150,000	\$ 230,000 \$ 1,200,000		\$ 250,000		\$ 500,000	
Lots 4 & 5 EV Charging Project <i>Description: The Project includes installation of 12 EV chargers (9 Level 2, and 3 Level 3); four chargers for public use (1 Level 3), four chargers for City vehicles, and four chargers for transit use (2 Level 3). The chargers will be located in City Parking Lots 4 and 5 near the intersection of Oak Street & Second Street (next to the Solvang City Hall, Public Works and Planning offices. The Project will also include paving improvements to Parking Lot 5.</i> <i>Need: The State is requiring transition of our transit fleet to all EV vehicles. In addition the City is in need of additional public EV charging stations, and the City needs its own EV charging facilities before we can transition our City fleet to EV vehicles.</i>	Transit & SGR Grant		\$ 1,000,000						
Transit Office Improvements <i>Description: Construct ADA and other office improvements for the SYV Transit office located at 410 Second St..</i> <i>Need: The Project will install ADA upgrades and improve the office location for the use by the SYVT Operator and enhance visibility and convenience for the transit using public.</i>	Transit & Grants		\$ 150,000						
Transit System Infrastructure Improvements <i>Description: Construct various SYVT infrastructure and bus stop improvements, yet to be determined.</i> <i>Need: The Project will improve convenience and safety for passengers, and enhance visibility of transit stops to promote increased ridership.</i>	Transit & Grants		\$ 90,000	\$ 40,000	\$ 160,000				
		Total:	\$ -	\$ 1,605,000	\$ 1,470,000	\$ 160,000	\$ 250,000	\$ -	\$ 500,000

Capital Improvement Program

Water

FY 2024/2025 thru 2034/2035

Capital Projects- Water Fund	Project and 10-Yr Program Cost	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2034
Waterline Replacement Program <i>Description: Ongoing Program to replace the City's old, deteriorated and/or undersized waterlines. Facilities will be replaced as identified by the Water Master Plan Update. Nyborg Estates/Juniper/Third St</i> <i>Need: The ongoing Program replaces undersized facilities, or facilities at the end of their useful life providing proper fire flow, more reliable service, fewer shutdowns, and shutdowns of shorter duration.</i>	\$ 10,100,000	Water Fund	\$ 3,000,000 Nyborg		\$ 200,000 Design Juniper	\$ 3,000,000 Construction		\$ 200,000 Design Third St	\$ 3,700,000 Construction
Riley Road Vault Top Replacement <i>Description: Vault, concrete lid, hatch replacement.</i> <i>Need: To replace a deteriorated concrete and poorly functioning vault, lid and hatch.</i>	\$ 20,000	Water Fund		\$ 20,000					
Valve and Fire Hydrant Replacement Program <i>Description: Ongoing Program to replace the City's old, deteriorated and poorly functioning valves and fire hydrants. Facilities will be replaced as identified and prioritized by Water Division staff.</i> <i>Need: The ongoing Program replaces facilities at the end of their useful life providing more reliable service, fewer shutdowns, and shutdowns of shorter duration.</i>	\$ 250,000	Water Fund	\$ 50,000		\$ 50,000		\$ 50,000		\$ 100,000
Portable Emergency Generators <i>Description: Replace two old portable emergency generators that have reached the end of their useful lives, and purchase one additional portable emergency generator to reduce risk and improve water system reliability.</i> <i>Need: As recommended by our recent Water System Risk & Reliability Assessment, two existing emergency generators have reached the end of their useful lives and are in need of replacement. Also, an additional portable emergency generator is needed to reduce risk and improve water system reliability.</i>	\$ 430,000	Water fund	\$ 180,000			\$ 250,000			
Water Meter Radio System Upgrade (AMI) <i>Description: Upgrade the City's water meter radio system with a new high antennae at Reservoir 2 and latest radio technology at all meters.</i> <i>Need: The upgrades are needed to reduce operating costs, improve water conservation, and improve customer service.</i>	\$ 330,000	Water Fund		\$ 330,000					
River Wells Project <i>Description: Drill and equip new river wells with pumps, motors, piping, electrical and disinfection equipment. Construct waterlines to transmit well water to distribution system. Acquire easements for new river wells and waterlines.Design, Easements, Build</i> <i>Need: The Project will develop an additional water supply source for the City to help offset shortfalls in State Water supply allocations and improve water supply reliability.</i>	\$ 3,100,000	Water Fund					\$ 400,000 Design		\$ 2,700,000 Construction
Well 3 and 4 Wellhead Rehabilitation <i>Description: Upgrade wellhead piping, valves, disinfection facilities, and instrumentation at Wells 3 & 4. Design & Build</i> <i>Need: The upgrades are needed to replace equipment at the end of its useful life and to maintain these wells in good operating condition to provide reliable water supply to the community.</i>	\$ 310,000	Water Fund							\$ 310,000
Reservoir 3 Expansion Project <i>Description: Construction of a new 400,000 gallon reservoir to increase overall capacity in Zone 1. The project would supplement the current 200,000 gallon reservoir currently in service. Design, Build</i> <i>Need: For many years the City's water distribution system has been identified as being deficient in storage. The Project will significantly increase the water system's operational, firefighting and emergency storage, and allow for smoother water system operations in the event of a power outage. The increased capacity will also provide adequate supply for future growth.</i>	\$ 2,600,000	Water Fund		\$ 100,000 Design		\$ 2,500,000 Construction			
Construction of HCA Middle Well	\$ 1,945,000	Water Fund	\$ 320,000	\$ 1,625,000					

Capital Projects- Water Fund	Project and 10-Yr Program Cost	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2034
Project Name, Description & Need									
<i>Description</i> : The project would complete the construction of the HCA middle well. This well will allow the city to meet consumer water demands and provide another source for ensuring resiliency and maintaining self-sufficiency. Design & Build <i>Need</i> : The city must continue to seek sources of water to provide safe and reliable supplies, to offset the continuing shortages of our State water supplies. Construction of an additional well will allow other wells to be rotated allowing for groundwater recovery and maintain longevity of infrastructure.			Design	Construction					
Lot 72 Well Design and Construction <i>Description</i> : Drill and equip new river wells with pumps, motors, piping, electrical and disinfection equipment. Construct waterlines to transmit well water to distribution system. Acquire easements for new river wells and waterlines. Design, Easements, Build <i>Need</i> : The Project will develop an additional water supply source for the City to help offset shortfalls in State Water supply allocations and improve water supply reliability.	\$ 1,350,000	Water Fund						\$ 350,000	\$ 1,000,000
Reservoir 1 Roof Replacement and Expansion Project <i>Description</i> : Replacement of deteriorating roof on the reservoir. Replacing the roof with a reliable and long life product ensuring the reservoir will provide a safe and sanitary environment for the city's water supply - <i>Description</i> : Expand Reservoir 1 by approximately 600,000 gallons to provide needed additional operational, fire fighting and emergency storage. The Project also includes acquiring the necessary property to expand the reservoir. <i>Need</i> : The current roof has been in place for 25 plus years. The paneling on the roof has begun deteriorating compromising the security and quality of the city's water supply. <i>Need</i> : For many years the City's water distribution system has been identified as being deficient in storage. The Project will significantly increase the water system's operational, fire fighting and emergency storage, and allow for smoother water system operations in the event of a power outage.	\$ 4,300,000	Water Fund					\$ 200,000 Construction Roof Replacement		\$ 4,100,000 Design and Construction for Expansion
Reservoir 4 Cistern Replacement <i>Description</i> : Conceptual discussion to replace the cisterns with a storage reservoir, or upgrade current cisterns <i>Need</i> : These cisterns have been in operation for many years and are in need of upgrading within the next 6-7 years. Storage capacity will depend on Reservoir 1 and 3 expansion projects and sustainable storage.	\$ 600,000								\$ 600,000 Design & Construction
Construction Well 23 Alamo Pintado <i>Description</i> : Drill and equip new river wells with pumps, motors, piping, electrical and disinfection equipment. Construct waterlines to transmit well water to distribution system. Acquire easements for new river wells and waterlines. Design, Easements, Build <i>Need</i> : The Project will develop an additional water supply source for the City to help offset shortfalls in State Water supply allocations and improve water supply reliability.	\$ 1,400,000								\$1,400,000 Design and Construction
Total:	\$ 26,735,000		\$ 3,550,000	\$ 2,075,000	\$ 250,000	\$ 5,750,000	\$ 650,000	\$ 550,000	\$ 13,910,000
Unrestricted Net Position (6-30-2024):	\$ 8,303,826								
(1) Balance:			\$ 4,898,219	\$ 2,371,293	\$ 1,323,374	\$ (5,576,865)	\$ (7,762,042)	\$ (10,300,609)	\$ (28,586,435)

Notes: (1) The figures shown are intended to present a rough approximation of changes in Water Fund Reserve levels. Revenues and operations expenditures are assumed to remain the same for the 6-year period with 1% interest applied annually to any positive balance.

Rev	\$ 6,113,222.00	\$ 6,314,527.00	\$ 6,327,156.00	\$ 6,352,465.00	\$ 6,365,170.00	\$ 6,377,900.00	\$ 10,352,194.00
Exp	\$ 5,968,829.00	\$ 6,766,453.00	\$ 7,125,075.00	\$ 7,502,704.00	\$ 7,900,347.00	\$ 8,366,467.00	\$ 14,728,020.00
New Rate Study Capital Project	\$ 3,550,000.00	\$ 2,075,000	\$ 250,000	\$ 5,750,000	\$ 650,000	\$ 550,000	\$ 13,910,000

Capital Improvement Program

Wastewater Treatment Plant

FY 2024/2025 thru 2034/2035

Capital Projects -Wastewater	Project and 10-Yr Program Cost	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2034
Project Name, Description & Need WWTP Water Quality Project - Phases 2&3 <i>Description: Construct major treatment process upgrades and site improvements, and replace aging office/lab and Plant infrastructure. (Phase 3: Construct recycled water treatment facilities.)</i> <i>Need: The Project is needed to upgrade the Plant, replace aging infrastructure that has reached the end of its useful life, and improve site access, security and Plant operations. (Phase 3: Recycled water treatment is needed to produce effluent meeting Title 22 requirements for irrigation re-use.)</i>	\$ 20,810,000	SYCSD 20% (1) WW Fund 80%	\$ 162,000 \$ 648,000	\$ 400,000 \$ 1,600,000	\$ 1,600,000 \$ 6,400,000	\$ 2,000,000 \$ 8,000,000			
New WAS Valves <i>Description: Replace three Waste Activated Sludge valves</i> <i>Need: The project is needed to continue running the current plant. The three valves that control the Waste Activated Sludge being sent to the Digester are worn and are leaking.</i>	\$ 100,000	SYCSD 20% WW Fund 80%	\$ 20,000 \$ 80,000						
Belt Press Rehabilitation <i>Description: Replace rollers, bearings and belts as part of periodic major</i> <i>Need: The Project is needed as part of routine maintenance on existing equipment. Failure to perform routine maintenance and replace aging parts will likely result in compounded repair costs in the future and disrupt operations.</i>	\$ 35,000	SYCSD 21% (2) WW Fund 79%		\$ 7,350 \$ 27,650					
Aeration Basin Membrane Replacements <i>Description: Replace out of warranty damaged membranes in the aeration basin system.</i> <i>Need: The replacements are needed to replace out of warranty damaged membranes.</i>	\$ 34,000	SYCSD 21% (2) WW Fund 79%		\$ 7,140 \$ 26,860					
Pond Dredging <i>Description: Remove accumulated sludge and sediment from the pond</i> <i>Need: The Project is needed to remove the accumulated sludge to restore the pond's capacity for efficient operation and to maintain regulatory compliance..</i>	\$ 400,000.00	SYCSD 20% (1) WW Fund 80%			\$ 80,000 \$ 320,000				
Fjord Lift Station Upgrades <i>Description: Upgrade antiquated controls, plc, flowmeters and replace aging components at Fjord Lift Station</i> <i>Need: The Project is needed as part of routine maintenance on existing equipment. Failure to perform routine maintenance and replace aging parts will likely result in compounded repair costs in the future and disrupt operations.</i>	\$ 900,000	SYCSD 20% (1) WW Fund 80%		\$ 180,000 \$ 720,000					
Total WW Project cost			\$ 910,000	\$ 2,969,000	\$ 8,400,000	\$ 10,000,000	\$ -	\$ -	\$ -
		SYCSD:	\$ 182,000	\$ 594,490	\$ 1,680,000	\$ 2,000,000		\$ -	\$ -

Capital Projects -Wastewater	Project and 10-Yr Program Cost	Funding Source	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	FYs 2031 - 2034
Project Name, Description & Need									
		Wastewater Fund:	\$ 728,000	\$ 2,374,510	\$ 6,720,000	\$ 8,000,000		\$ -	\$ -
Wastewater Projects:	\$ 22,279,000	Total WW only:	\$ 910,000	\$ 2,969,000	\$ 8,400,000	\$ 10,000,000		\$ -	\$ -
Sanitary Sewer Projects:			\$ 350,000	\$ 580,000	\$ 1,380,000	\$ 100,000	\$ 100,000	\$ -	\$ 500,000
Total SS & WW Projects:			\$ 1,260,000	\$ 3,549,000	\$ 9,780,000	\$ 10,100,000	\$ 100,000	\$ -	\$ 500,000
Sewer Connection Fee Revenue:									
Unrestricted Net Position (6-30-2024):	\$ 1,978,822								
Balance: (3)									

- Notes:
- (1) Per Agreement, for capital expenditures exceeding \$50,000 SYCSD shares in 20% of project cost.
 - (2) Per Agreement, for capital expenditures <= \$50,000 SYCSD's share of the project cost is based on annual flow. In recent years SYCSD's flow percentage has averaged 21%. Expenditures <= \$50,000 are considered "administration/maintenance."
 - (3) The figures shown are intended to present a rough approximation of changes in Sewer Fund Reserve levels. Revenues and operations expenditures are assumed to remain the same for the ten year period with 1% interest applied annually to any positive balance.