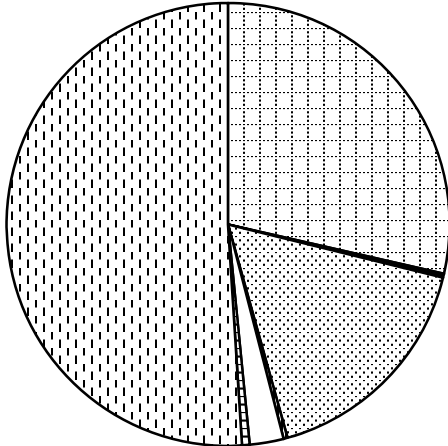


STORM SEWER SYSTEM

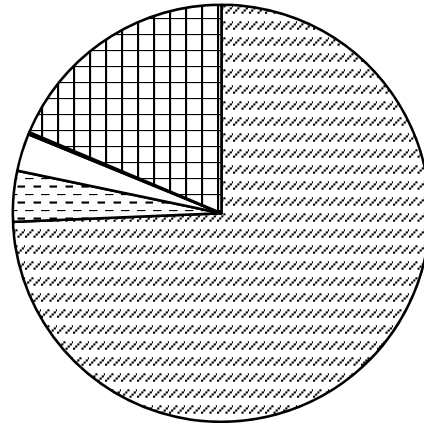
2022-2026 Capital Improvement Program

**2021-2022 Adopted
Source of Funds**



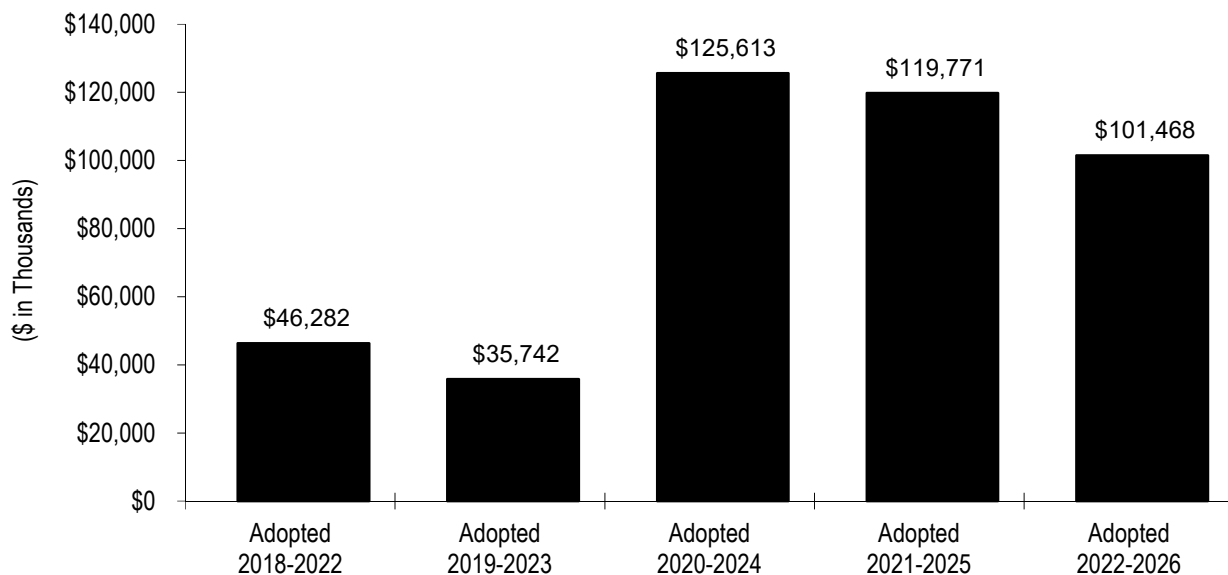
- Beginning Fund Balance
- Taxes, Fees, and Charges
- Transfers
- Rev. from Local Agencies
- Rev. from State of California
- Interest
- Measure T Proceeds

**2021-2022 Adopted
Use of Funds**



- Construction
- Non-Construction
- Allocations and Transfers
- Reserves
- Ending Fund Balance

CIP History

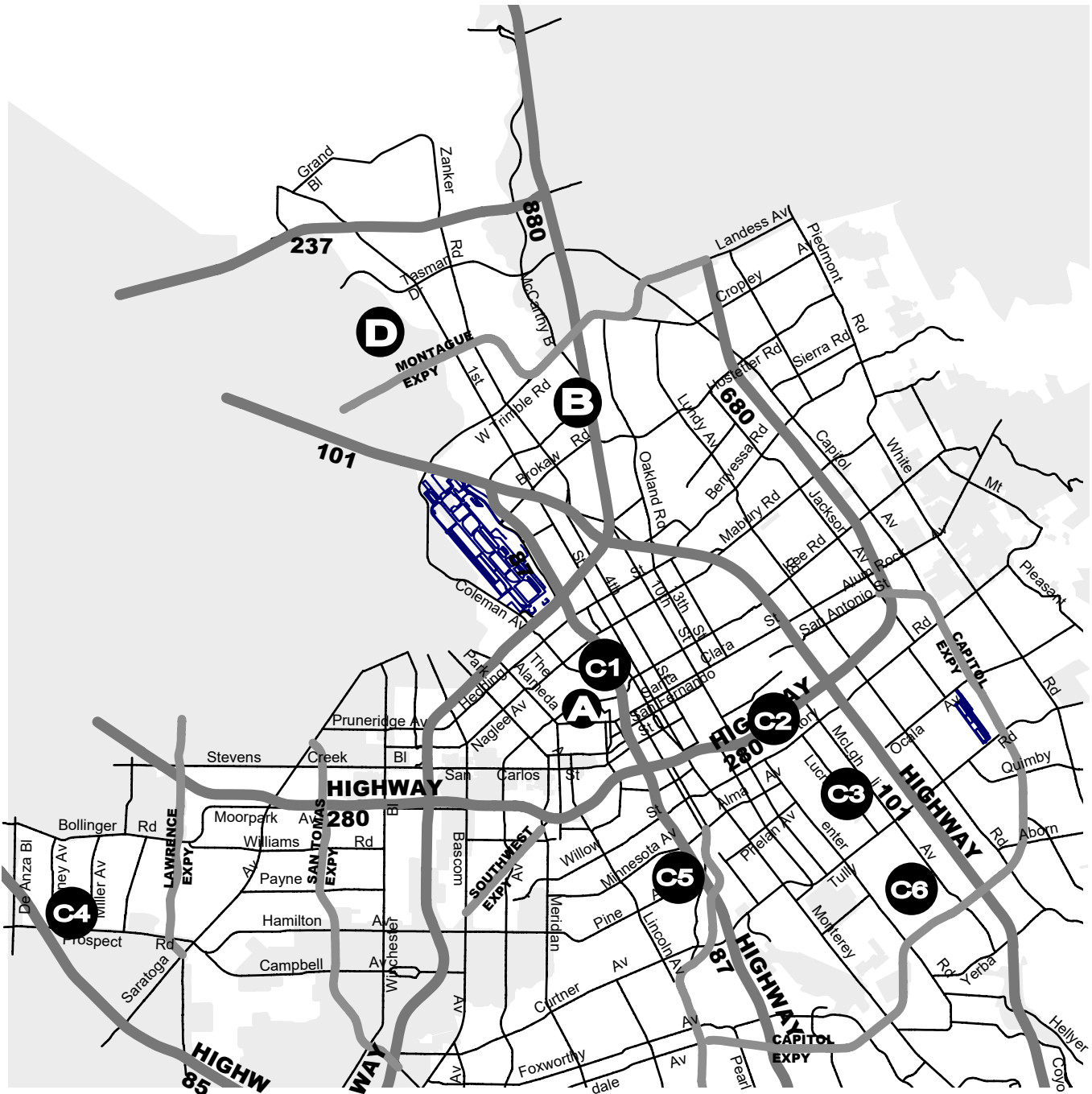


Storm Sewer System

2022-2026 Adopted Capital Improvement Program

North

- A)** Stockton Avenue/Cinnabar Street Storm Drain Improvements
- B)** Measure T - Charcot Area Storm Drain Improvements
- C)** Citywide Outfall Rehabilitation (1, 2, 3, 4, 5, 6)
- D)** Measure T - Clean Water Project (River Oaks Stormwater Capture Project)

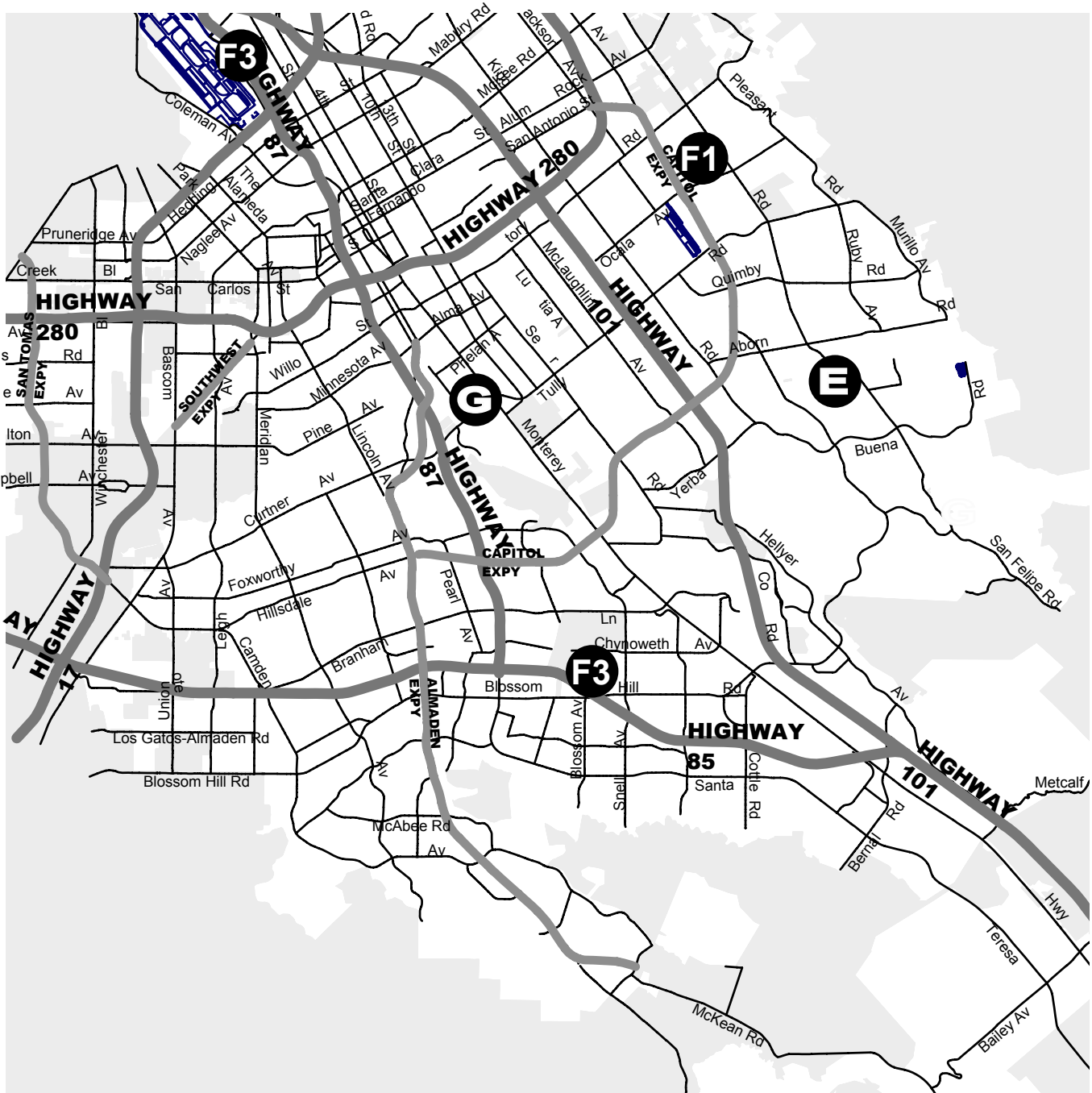


Storm Sewer System

2022-2026 Adopted Capital Improvement Program

South

- E)** Citywide Outfall Rehabilitation
- F)** Large Trash Capture Devices
- G)** Storm Sewer Improvements (City-wide)



Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

INTRODUCTION

The Storm Sewer System of the City of San José consists of approximately 1,100 miles of sewer mains and 31 stormwater pump stations. The Storm Sewer System, which is separate from the Sanitary Sewer System, collects storm water that is eventually conveyed into the Guadalupe River or Coyote Creek. The City is responsible for planning, designing, constructing, and maintaining facilities for conveyance of stormwater runoff within the City’s Urban Service Area to adjacent stream channels in accordance with the available budget and City Council priorities. Most of the design and construction of flood control facilities and the modification and maintenance of stream channels is the responsibility of Valley Water (formerly the Santa Clara Valley Water District) and the U.S. Army Corps of Engineers.

STORM SEWER SYSTEM PUBLIC INFRASTRUCTURE	
MILES OF STORM MAINS	
Smaller than 12” in diameter	80
12” to 18” in diameter	500
Over 18” in diameter	550
NUMBER OF INLETS	32,200
NUMBER OF MANHOLES	27,530
NUMBER OF OUTFALLS	1,712
NUMBER OF PUMP STATIONS	31

The 2022-2026 Adopted Capital Improvement Program (CIP) provides funding of \$101.5 million, of which \$68.4 million is allocated in 2021-2022. The program is part of the Environmental and Utility Services City Service Area (CSA) and supports the following outcome: *Reliable Utility Infrastructure*.

PROGRAM PRIORITIES AND OBJECTIVES

The primary objective of the Storm Sewer Capital Program is to plan and construct improvements to the storm sewer collection system that reduce the risk of flooding and prevent property damage while managing the quality of stormwater runoff. Based on the CSA outcome supported by this program, the following list of priorities has been developed:

- Area-wide drainage capacity projects are identified and developed through the Storm Sewer Master Plan, which is based on the Envision San José 2040 General Plan (General Plan);
- Critical Storm Sewer System improvements addressing localized ponding and flooding that are generally identified through inspection and maintenance activities;
- Citywide Outfall Rehabilitation and Flap Gate Installation program addressing outfall failures/deterioration and localized flooding;
- Citywide Green Stormwater Infrastructure (GSI) Planning supporting the implementation of the GSI Plan that was approved by the City Council in September 2019;
- Regulatory compliance as required by the Municipal Stormwater Regional Permit.

Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

SOURCES OF FUNDING

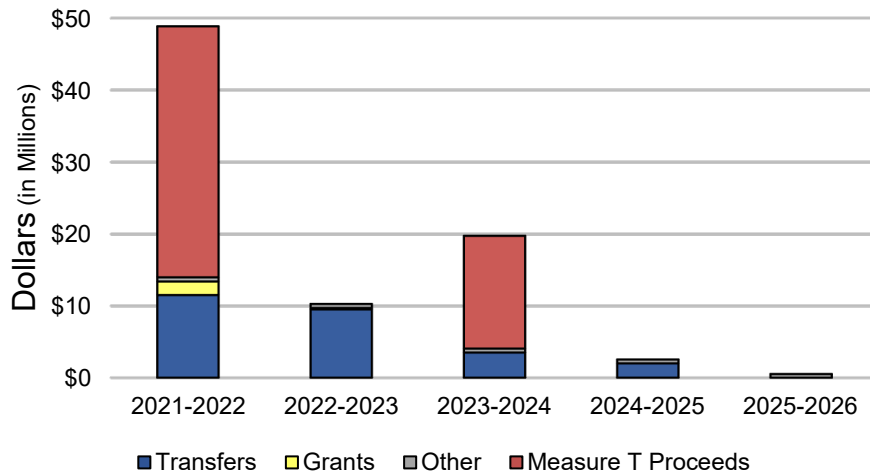
The 2022-2026 Adopted CIP provides funding of \$101.5 million, of which \$68.4 million is allocated in 2021-2022. The program funding level decreased by \$18.3 million from \$119.8 million in the 2021-2025 Adopted CIP. Revenues for this CIP are derived from the following sources: Measure T Bond proceeds, transfers from the Storm Sewer Operating Fund, and Storm Drainage Fees. The Adopted CIP assumes no rate increase for the Storm Sewer Operating Fund for 2021-2022.

The significant decrease in the 2022-2026 CIP funding level from the 2021-2025 Adopted CIP funding level is due to the 47% reduction in revenues transferred from the Storm Sewer Operating Fund, which is funded through Storm Sewer Service Charge fees. In the 2021-2025 Adopted CIP, the revenue estimated from this transfer was \$50 million, compared to \$26.5 million in this CIP. Assuming there are no rate increases, the flat assessment revenue in the Storm Sewer Operating Fund, and the need to maintain operations and maintenance costs for the storm sewer system are expected to result in significantly reduced capacity to perform important capital rehabilitation projects in the Storm Sewer System beginning in 2023-2024. To prevent underinvestment, identifying additional funding for this capital program, including potentially from the General Fund, must be a priority within the next three years.

On November 6, 2018, the Measure T Bond measure was approved for \$650 million, of which \$60 million was allocated to fund Storm Sewer infrastructure projects. Assessments on the property taxes of San José residents are used to support these obligations. Measure T Bond Proceeds revenue of \$34.9 million will be received in 2021-2022, with funding of \$50.6 million scheduled for issuance over the 2022-2026 CIP.

The Storm Drainage Fee is charged to developers as a connection fee for any project that will discharge storm water, surface water, or ground water runoff into the City’s Storm Sewer System. The fee is based on the use and size of the parcel being developed.

Summary of Revenues



Storm Sewer System

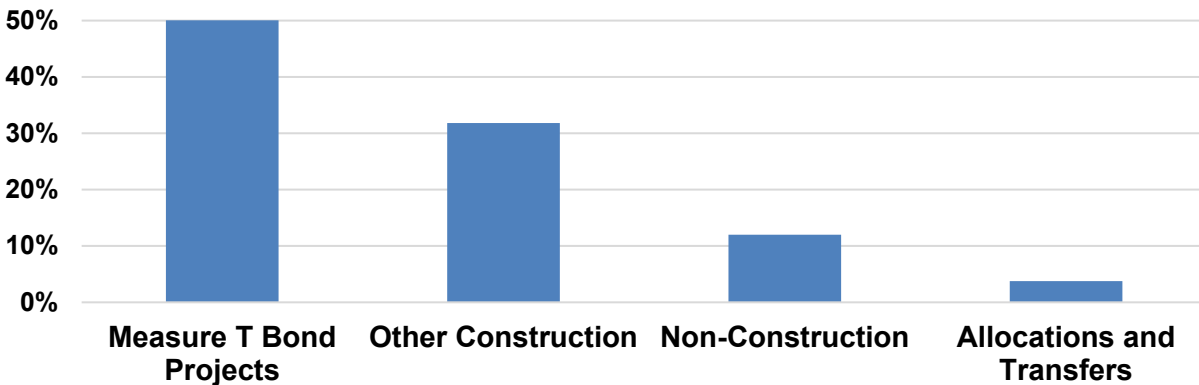
2022-2026 Adopted Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

The Storm Sewer System Capital Program's expenditures are organized to show the use of funds in several categories. The following highlights the major projects in the program. For further information on the program's individual projects, please refer to the Detail Pages.

**2022-2026 Storm Sewer System
Capital Program Expenditures
\$99.7 million
(excludes Ending Fund Balance)**



Projects in this Adopted CIP include the installation of technology and infrastructure to maximize the efficiency of the storm sewer collection system and the reliability of storm pump stations, manage the quality of storm water runoff, and minimize ponding and flooding in residential areas.

Measure T Bond Program

About 50% of Adopted CIP expenditures are allocated toward Measure T projects. The Measure T Bond Program, funded from the Public Safety and Infrastructure Bond Fund, will provide \$26.7 million for Storm System Conveyance and Flood Prevention Projects (Storm Drain Improvements at Charcot Avenue) and \$23.5 million for Clean Water Projects at River Oaks and other regional and green street projects. The remaining funds (\$1.3 million) are allocated for related administration costs (\$763,000) and Public Art (\$504,000). Measure T funding in this program decreased by \$5.4 million as it has been shifted from the Storm Sewer infrastructure projects to public safety projects due to the acceleration and funding needs of critical projects. Efforts will be made to replenish the funds in this program as necessary.

Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

Storm Sewer Capacity Improvements, Rehabilitation, and Flood Prevention

Impacts from Storm Sewer Operating Fund Transfer Decrease

This Adopted CIP has incorporated significant reductions to a number of ongoing projects under this category as a result of an estimated decrease for the transfer from the Storm Sewer Operating Fund. Addressing the deferred infrastructure and maintenance backlog will be more challenging and the backlog will likely increase, with the current estimate of \$180.0 million for one-time needs and \$5.0 million for ongoing needs as indicated in the latest Deferred Maintenance and Infrastructure Backlog report, which was accepted by the Transportation and Environment Committee on March 1, 2021.

Storm Sewer Capacity Improvement and Rehabilitation

Capacity improvement projects are those that prevent flooding over larger areas or drainage basins by constructing large-diameter storm sewers or new pump stations that are identified through past area-specific capacity studies and validated through the ongoing master plan effort. The primary focus of rehabilitation projects is to address deteriorated conditions of storm drain piping and outfall structures and aging mechanical and electrical components at storm sewer pump stations. This 2022-2026 Adopted CIP includes \$1.6 million for the storm pump station rehabilitation projects, a decrease of \$8.0 million from the 2021-2025 Adopted CIP amount of \$9.6 million due to lower transfer revenue available from the Storm Sewer Operating Fund.

Citywide Outfall Rehabilitation and Flap Gate Installation

- Citywide Outfall Rehabilitation projects are those that address structural failures and deterioration of storm drain outfalls identified through inspection and maintenance activities; and
- Citywide Outfall Flap Gate Installation projects are those that address localized flooding caused by backwater effects from creeks and channels during storm events.



An outfall being rehabilitated on Thompson Creek

This Adopted CIP includes \$13.0 million for the rehabilitation of up to 22 outfalls and installation of up to 16 flap gates. This allocation, Citywide Outfall Improvements, has decreased in the 2022-2026 Adopted CIP by \$3.6 million, from \$16.6 million in the 2021-2025 Adopted CIP to \$13.0 million due to the lower transfer revenue available from the Storm Sewer Operating Fund.

Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

Storm Sewer Capacity Improvements, Rehabilitation, and Flood Prevention

Local Flooding/Urgent Flood Prevention and Repair

Localized ponding and flooding can be improved by installing new or relocated storm inlets, laterals, and the reconstruction of displaced flow lines or minor extensions of local storm sewer systems that are generally identified through reoccurring maintenance activities at specific locations. Funding of \$1.9 million is allocated to Storm Sewer Improvements, a decrease of \$1.3 million from the 2021-2025 Adopted CIP total of \$3.2 million, and funding of \$1.4 million for Urgent Storm Drain Repair Projects is also allocated to address issues that may not fall into any of the above categories. These projects are developed during the year in response to urgent needs. The decrease to the Storm Sewer Improvements allocation is primarily due to the lower transfer revenue available from the Storm Sewer Operating Fund.

Compliance with the Municipal Stormwater Regional Permit



Example of a Stormwater Bioretention Treatment Facility in South San José

Citywide Green Infrastructure (GSI) Planning and GSI Plan Implementation

Provision C.3 (New Development and Redevelopment) of the San Francisco Bay Regional Water Quality Control Board Municipal Regional Permit (MRP) requires development and implementation of Green Infrastructure Plan. The City's Green Stormwater Infrastructure (GSI) Plan, which was approved by the City Council in September 2019, serves as an implementation guide for green infrastructure projects. The GSI Plan identifies the means and methods to prioritize particular areas and projects at appropriate geographic and time scales. As part of the implementation phase, the City will

refine further the prioritization process to develop the GSI Implementation Plan, which will identify both long-term and near-term GSI projects. The River Oaks Regional Stormwater Capture Project, funded under Measure T Bond Program and Storm Sewer Capital Fund, has been identified as one of the near-term projects that is being implemented. Other components under Provision C.3 of the MRP include the implementation of Green Streets and Low Impact Development (LID) techniques to address both soluble and insoluble stormwater runoff pollutant discharges and prevent increases in runoff flows to local water bodies. The goal of LID is to reduce runoff and mimic a site's predevelopment hydrology by minimizing disturbed areas and impervious cover and then infiltrating, storing, detaining, evapotranspiring, and/or biotreating stormwater runoff close to its source.

Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

This Adopted CIP includes \$3.9 million for programming, planning and prioritizing green stormwater projects, another \$16 million for other Clean Water Projects that are in the process of being identified.

Trash Load Reduction

Provision C.10 (Trash Load Reduction) of the MRP requires timely implementation of control measures and other actions to reduce trash load to receiving waters. This Adopted CIP includes \$8.2 million for designing and installing large trash capture (LTC) devices to reduce the trash discharges to local waterways in compliance with the MRP.



LTC device installation near Coyote Creek

Storm Sewer Master Plan

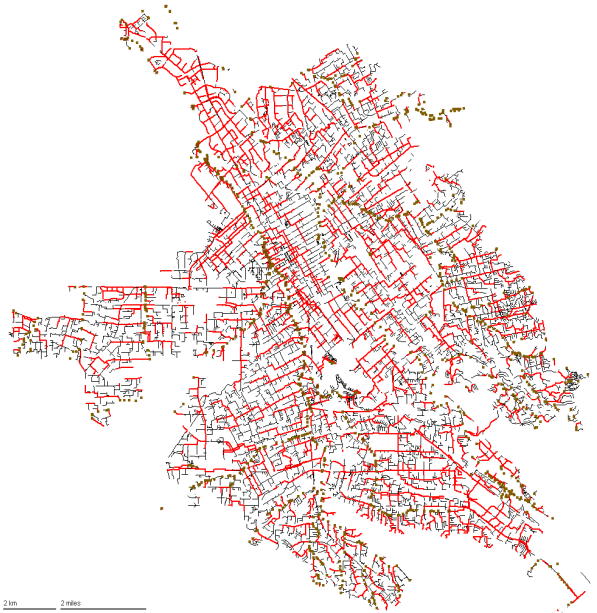
The Storm Sewer Master Plan is a comprehensive effort to identify and prioritize needed capacity-related improvements to the Storm Sewer System by analyzing current conditions and the anticipated future land use developments in the General Plan. Since the mid-1980s, the City's design standard required that storm drain systems be designed to convey a 10-year storm event. In December 2017, the City completed the first phase of the city-wide Storm Sewer Master Plan study using the fully dynamic, integrated Storm Sewer System and boundary condition using Valley Water's riverine network. The study has identified a preliminary list of storm drain capacity deficiencies and improvement needs.

Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

Over 20 high priority projects totaling \$215 million, including the Charcot Area Storm Drain Improvements Project, were identified to address known flooding due to capacity concern and predicted flooding at a 3-year storm event. The ongoing Storm Sewer Master Plan will refine hydrologic and hydraulic model and incorporate the riverine boundary conditions based on Valley Water’s updated models and continue to evaluate project alternatives. The Master Plan will also identify benefits that could be realized by implementing GSI projects in conjunction with the capacity improvement program. This effort will be used as the framework for development of future Storm Sewer CIPs. The ongoing planning efforts have a total allocation of \$7.55 million in the 2022-2026 Adopted CIP, which includes \$5.8 million for Master Planning and \$1.75 million for Flow Monitoring. Once the Master Plan study is completed, staff will develop and recommend a financing strategy to construct the desired improvements.



**Storm Sewer Master Plan Model
(Modeled Pipes in Red)**

MAJOR CHANGES FROM THE 2021-2025 ADOPTED CIP

The overall size of the Storm Sewer System CIP has decreased by \$18.3 million, from \$119.8 million in the 2021-2025 Adopted CIP to \$101.5 million in the 2022-2026 Adopted CIP primarily due to reductions to several ongoing projects, such as Storm Pump Station Rehabilitation (reduction of \$8.0 million) and the Citywide Outfall Improvements project (reduction of \$3.6 million). This is due to an estimated decrease in the transfer from the Storm Sewer Operating Fund. The following table outlines the most significant changes to project budgets, including new/augmented allocations and reduced allocations.

Project	Incr/(Decr)
Storm Pump Station Rehabilitation and Replacement	(\$8.0 million)
Citywide Outfall Improvements	(\$3.6 million)
Stockton-Cinnabar and Stockton-Taylor Storm Drain System Improvements	(\$1.8 million)
Storm Sewer Improvements	(\$1.4 million)
Green Infrastructure Improvements	\$0.9 million
Large Trash Capture Devices	\$4.8 million

Storm Sewer System

2022-2026 Adopted Capital Improvement Program

Overview

OPERATING BUDGET IMPACT

The Department of Transportation maintains the City's Storm Sewer System. Additional operating and maintenance costs associated with the projects coming online within the 2022-2026 Adopted CIP are expected. The first GSI project (River Oaks Regional Stormwater Capture Project) is anticipated to be online beginning in 2023-2024. It is anticipated that the operating and maintenance costs for River Oaks will be approximately \$163,000 annually beginning in 2023-2024. These costs will be factored into the 2023-2027 Five-Year General Fund Forecast, which will be released in February 2022.

COUNCIL-APPROVED REVISIONS TO THE PROPOSED CAPITAL IMPROVEMENT PROGRAM

Changes to the Proposed Capital Improvement Program were brought forward in the Mayor's June Budget Message for Fiscal Year 2021-2022 and approved by the City Council on June 22, 2021. This included the rebudgeting of unexpended funding for projects totaling \$4.0 million due to project scheduling. For additional information regarding these rebudgets, please refer to the Manager's Budget Addendum #35 that was incorporated into the Mayor's June Budget Message.

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Attachment A - Operating Budget Impact

	<u>2022-2023</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>2025-2026</u>
<u>Storm Sewer Capital Program</u>				
Measure T - Clean Water Projects		\$163,000	\$173,000	\$183,000
Total Storm Sewer Capital Program		\$163,000	\$173,000	\$183,000

Storm Sewer System
2022-2026 Adopted Capital Improvement Program
Source of Funds (Combined)

	Estimated						
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	5-Year Total
Storm Sewer Capital Fund (469)							
Beginning Balance	15,158,889	17,797,228	7,888,228	8,072,228	7,121,228	4,810,228	17,797,228*
Reserve for Encumbrance	1,243,198						
Transfers and Reimbursements							
Transfer from Storm Sewer Operating Fund (446)	9,000,000	11,500,000	9,500,000	3,500,000	2,000,000		26,500,000
TOTAL Transfers and Reimbursements	9,000,000	11,500,000	9,500,000	3,500,000	2,000,000		26,500,000
Revenue from Use of Money and Property							
Interest Income	315,000	370,000	350,000	330,000	310,000	290,000	1,650,000
TOTAL Revenue from Use of Money and Property	315,000	370,000	350,000	330,000	310,000	290,000	1,650,000
Revenue from Local Agencies							
San José Watershed Invasive Species Removal and Engagement	200,000	200,000	200,000				400,000
TOTAL Revenue from Local Agencies	200,000	200,000	200,000				400,000
Revenue from State of California							
Association of Bay Area Governments (ABAG) Grants	1,518,000	1,685,550					1,685,550
TOTAL Revenue from State of California	1,518,000	1,685,550					1,685,550
Total Storm Sewer Capital Fund (469)	27,435,087	31,552,778	17,938,228	11,902,228	9,431,228	5,100,228	48,032,778*

Storm Sewer System
2022-2026 Adopted Capital Improvement Program
Source of Funds (Combined)

	Estimated						
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	5-Year Total
Storm Drainage Fee Fund (413)							
Beginning Balance	692,559	647,350	592,350	557,350	532,350	507,350	647,350*
Reserve for Encumbrance	136,518						
Revenue from Use of Money and Property							
Interest Income	12,000	12,000	12,000	12,000	12,000	12,000	60,000
TOTAL Revenue from Use of Money and Property	12,000	12,000	12,000	12,000	12,000	12,000	60,000
Revenue from Local Agencies							
Joint Participation with the City of Cupertino	4,000	4,000	4,000	4,000	4,000	4,000	20,000
TOTAL Revenue from Local Agencies	4,000	4,000	4,000	4,000	4,000	4,000	20,000
Fees, Rates and Charges							
Storm Drainage Fees	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
TOTAL Fees, Rates and Charges	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Total Storm Drainage Fee Fund (413)	1,045,077	863,350	808,350	773,350	748,350	723,350	1,727,350*
Public Safety and Infrastructure Bond Fund - Storm Sewer (498)							
Beginning Balance	2,622,247	1,108,247	4,276,247	258,247	258,247	258,247	1,108,247*
Reserve for Encumbrance	331,204						

Storm Sewer System
2022-2026 Adopted Capital Improvement Program
Source of Funds (Combined)

	Estimated						5-Year Total
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Financing Proceeds							
Measure T Bond Proceeds		34,900,000		15,700,000			50,600,000
TOTAL Financing Proceeds		34,900,000		15,700,000			50,600,000
Total Public Safety and Infrastructure Bond Fund - Storm Sewer (498)	2,953,451	36,008,247	4,276,247	15,958,247	258,247	258,247	51,708,247*
TOTAL SOURCES	31,433,615	68,424,375	23,022,825	28,633,825	10,437,825	6,081,825	101,468,375*

* The 2022-2023 through 2025-2026 Beginning Balances are excluded from the Five-Year Total Source of Funds to avoid multiple counting of the same funds.

Storm Sewer System

2022-2026 Adopted Capital Improvement Program Use of Funds (Combined)

	Estimated 2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	5-Year Total
<u>Storm Sewer System</u>							
2017 Flood - Bailey Ave Storm Drain Inlet Repair	507,449	90,000					90,000
Alviso Storm Pump Station	204,693						
Citywide Outfall Improvements	710,928	5,500,000	5,000,000	1,000,000	1,000,000	500,000	13,000,000
Condition Assessment Storm Sewer Repairs	231,693	400,000	150,000	150,000	150,000	150,000	1,000,000
Green Infrastructure Improvements	480,000	1,650,000	900,000	450,000	450,000	450,000	3,900,000
Large Trash Capture Devices	1,289,550	7,800,000	250,000	150,000			8,200,000
River Oaks Regional Stormwater Capture Project	1,018,000	2,185,550					2,185,550
Stockton-Cinnabar and Stockton-Taylor Storm Drain System Improvements	30,001	50,000	150,000	150,000	150,000	150,000	650,000
Storm Pump Station Rehabilitation and Replacement	310,000	750,000	200,000	200,000	200,000	200,000	1,550,000
Storm Sewer Improvements	850,000	850,000	250,000	250,000	250,000	250,000	1,850,000
Urgent Storm Drain Repair Projects	392,398	400,000	250,000	250,000	250,000	250,000	1,400,000
Other Storm Sewer - Construction	6,024,712	19,675,550	7,150,000	2,600,000	2,450,000	1,950,000	33,825,550
Measure T - Clean Water Projects	461,883	6,556,000	1,407,000	15,494,000			23,457,000
Measure T - Storm Drain Improvements at Charcot Avenue	1,321,321	24,634,000	2,077,000	15,000			26,726,000
Measure T Bond Projects - Storm	1,783,204	31,190,000	3,484,000	15,509,000			50,183,000
Storm Sewer - Construction	7,807,915	50,865,550	10,634,000	18,109,000	2,450,000	1,950,000	84,008,550
Charcot Storm Pump Rental	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Fee Administration - Storm Sewer	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Flow Monitoring Program	731,681	350,000	350,000	350,000	350,000	350,000	1,750,000
Permit Review and Inspection for Outside Agencies - Storm Sewer	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Preliminary Engineering - Storm Sewer	180,000	180,000	180,000	180,000	180,000	180,000	900,000

Storm Sewer System

2022-2026 Adopted Capital Improvement Program Use of Funds (Combined)

	Estimated						
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	5-Year Total
Program Management - Storm Sewer	150,000	150,000	150,000	150,000	150,000	150,000	750,000
San Jose Watershed Invasive Species Removal and Engagement	426,200	340,000	200,000				540,000
Storm Sewer Master Plan - City-wide	1,393,121	1,300,000	1,200,000	1,100,000	1,100,000	1,100,000	5,800,000
General Non-Construction - Storm Sewer	3,256,003	2,695,000	2,455,000	2,155,000	2,155,000	2,155,000	11,615,000
Storm Sewer - Non Construction	3,256,003	2,695,000	2,455,000	2,155,000	2,155,000	2,155,000	11,615,000
Public Art Allocation		593,000	14,000	9,000	7,000	7,000	630,000
Measure T - Public Art Storm Sewer	33,000	313,000	33,000	158,000			504,000
Public Art Projects	33,000	906,000	47,000	167,000	7,000	7,000	1,134,000
Capital Program and Public Works Department Support Service Costs	613,000	852,000	374,000	134,000	126,000	101,000	1,587,000
Infrastructure Management System	10,000	12,000	12,000	12,000	12,000	12,000	60,000
Measure T - Admin Storm Sewer	29,000	107,000	110,000	33,000			250,000
Allocations	652,000	971,000	496,000	179,000	138,000	113,000	1,897,000
City Hall Debt Service Fund	114,000	98,000	102,000	102,000	102,000	102,000	506,000
Transfers to Special Funds	114,000	98,000	102,000	102,000	102,000	102,000	506,000
General Fund - Interest Income	17,871	10,000	10,000	10,000	10,000	10,000	50,000
Transfers to the General Fund	17,871	10,000	10,000	10,000	10,000	10,000	50,000
Transfers Expense	131,871	108,000	112,000	112,000	112,000	112,000	556,000
Measure T - Admin Reserve Storm Sewer		122,000	391,000				513,000
Expense Reserves - Non Construction		122,000	391,000				513,000
Total Expenditures	11,880,790	55,667,550	14,135,000	20,722,000	4,862,000	4,337,000	99,723,550
Ending Fund Balance	19,552,825	12,756,825	8,887,825	7,911,825	5,575,825	1,744,825	1,744,825*
TOTAL	31,433,615	68,424,375	23,022,825	28,633,825	10,437,825	6,081,825	101,468,375*

* The 2021-2022 through 2024-2025 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of the same funds.

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

2017 Flood - Bailey Ave Storm Drain Inlet Repair

CSA	Environmental and Utility Services	Initial Start Date	3rd Qtr. 2017
CSA Outcome	Reliable Utility Infrastructure	Initial End Date	4th Qtr. 2018
Location	Bailey Avenue between Monterey Road and Santa Teresa Blvd	Revised Start Date	
Dept Owner	Public Works	Revised End Date	4th Qtr. 2021
Council Districts	2	Initial Project Budget	\$227,000
Appropriation	A407U	FY Initiated	2017-2018

Description This project funds the removal and replacement of the existing storm and roadway infrastructure that was damaged by the February 2017 flood event. After the February 2017 flood event, excessive storm water runoff and increased groundwater infiltration along Bailey Avenue caused the storm drain inlet to uplift and disconnect from a 24-inch storm sewer pipe. The large volume of storm water flows also scoured and undermined the roadway in this area.

Justification This allocation is necessary to restore the storm sewer drainage system and existing roadway as a result of the February 2017 flood event.

Notes

Major Cost Changes 2020-2024 CIP - Increase of \$350,000 due to a refined project scope and cost estimate.
 2021-2025 CIP - Increase of \$76,000 due to project scope and schedule changes.

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
Design	39									39
Bid & Award	8									8
Construction	5	507	90					90		603
Total	52	507	90					90		650

Funding Source Schedule (000s)										
Storm Sewer Capital Fund (469)	52	507	90					90		650
Total	52	507	90					90		650

Annual Operating Budget Impact (000s)										
Total										

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

Large Trash Capture Devices

CSA	Environmental and Utility Services	Initial Start Date	3rd Qtr. 2014
CSA Outcome	Reliable Utility Infrastructure	Initial End Date	2nd Qtr. 2016
Location	City-wide	Revised Start Date	
Dept Owner	Public Works	Revised End Date	2nd Qtr. 2024
Council Districts	City-wide	Initial Project Budget	\$11,480,000
Appropriation	A7676	FY Initiated	2014-2015

Description This project includes the installation of Large Trash Capture (LTC) devices throughout the City in order to meet the Municipal Regional Permit Provision C.10 trash reduction requirements. The City must install certified LTC units in order for the treated acreage to count toward the City's trash reduction goals.

Justification This project will reduce and/or remove trash from the City's storm sewer system prior to discharging into local water ways.

Notes

Major Cost Changes 2017-2021 CIP - Increase of \$1.7 million to support the installation of additional LTC devices.
 2018-2022 CIP - Increase of \$11.9 million to support the installation of additional LTC devices.
 2022-2026 CIP - Increase of \$4.8 million to support the installation of additional LTC devices.

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
Project Feasibility Development	560									560
Design	1,424									1,424
Bid & Award	215									215
Construction	21,520	1,290	7,800	250	150			8,200		31,009
Post Construction	264									264
Total	23,984	1,290	7,800	250	150			8,200		33,473

Funding Source Schedule (000s)										
Storm Sewer Capital Fund (469)	23,984	1,290	7,800	250	150			8,200		33,473
Total	23,984	1,290	7,800	250	150			8,200		33,473

Annual Operating Budget Impact (000s)										
Total										

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

Measure T - Clean Water Projects

CSA	Environmental and Utility Services	Initial Start Date	3rd Qtr. 2019
CSA Outcome	Reliable Utility Infrastructure	Initial End Date	2nd Qtr. 2024
Location	City-wide	Revised Start Date	
Dept Owner	Public Works	Revised End Date	
Council Districts	City-wide	Initial Project Budget	\$25,000,000
Appropriation	A414V	FY Initiated	2019-2020

Description This appropriation provides funding to construct green infrastructures to capture, filter, and treat stormwater prior to discharge into local waterways in order to meet regulatory requirements. Where opportunities exist, the green infrastructures will provide additional community benefits such as enhancing public spaces, augmenting water supply, reducing flood peaks, and enhancing or creating ecological habitats.

Justification The projects are to comply with the regulatory requirements and the Baykeeper consent decree, meeting the San Francisco Bay Region Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit and in alignment with Envision San José 2040 General Plan and Climate Smart San José.

Notes River Oaks Regional Stormwater Capture Project has been identified as one of the projects under this appropriation. Six additional project sites that may be supported by the Measure T - Clean Water Projects allocation have been identified and were presented in the Status Report on the 2018 Ballot Measure T - The Disaster Preparedness, Public Safety and Infrastructure General Obligation Bond and approved by City Council on June 15, 2021.

Major Cost Changes

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
Project Feasibility Development	444	270								713
Construction		192	6,556	1,407	15,494			23,457		23,649
Total	444	462	6,556	1,407	15,494			23,457		24,362

Funding Source Schedule (000s)										
Public Safety and Infrastructure Bond Fund - Storm Sewer (498)	444	462	6,556	1,407	15,494			23,457		24,362
Total	444	462	6,556	1,407	15,494			23,457		24,362

Annual Operating Budget Impact (000s)										
Operating Maintenance					163	173	183			
Total					163	173	183			

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

Measure T - Storm Drain Improvements at Charcot Avenue

CSA	Environmental and Utility Services	Initial Start Date	3rd Qtr. 2019
CSA Outcome	Reliable Utility Infrastructure	Initial End Date	2nd Qtr. 2024
Location	Zanker Road between Trimble Road and Brokaw Road	Revised Start Date	
Dept Owner	Public Works	Revised End Date	3rd Qtr. 2023
Council Districts	4	Initial Project Budget	\$35,000,000
Appropriation	A414T	FY Initiated	2019-2020

Description This appropriation provides funding for planning, designing, California Environmental Quality Act (CEQA) evaluation, permitting, and construction of Storm Drain System Improvements to reduce flooding in the Charcot sub-drainage area. The project construction includes piping installation (about 6000' of piping, 60" to 96" in diameter), pump station upgrade, and large diameter outfall upgrade. The project will service a tributary area east of Zanker Road between Trimble Road and Brokaw Road.

Justification The project is required to reduce flooding for the area east of Zanker Road between Trimble Road and Brokaw Road, approximately 420 acres in size, from a 10-year storm event.

Notes

Major Cost Changes 2021-2025 CIP - Decrease of \$6.7 million to reallocate funding to other Measure T public safety projects as well as setting aside funding for administration and Public Art allocations within the Storm Sewer CIP.

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
Project Feasibility Development	215	61								276
Construction		1,260	24,634	2,077	15			26,726		27,986
Total	215	1,321	24,634	2,077	15			26,726		28,262

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Funding Source Schedule (000s)										
Public Safety and Infrastructure Bond Fund - Storm Sewer (498)	215	1,321	24,634	2,077	15			26,726		28,262
Total	215	1,321	24,634	2,077	15			26,726		28,262

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Annual Operating Budget Impact (000s)										
Total										

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

River Oaks Regional Stormwater Capture Project

CSA	Environmental and Utility Services	Initial Start Date	4th Qtr. 2020
CSA Outcome	Healthy Streams, Rivers, Marsh, and Bay	Initial End Date	2nd Qtr. 2022
Location	North First Street and River Oaks Parkway	Revised Start Date	
Dept Owner	Public Works	Revised End Date	
Council Districts	4	Initial Project Budget	\$3,204,000
Appropriation	A422S	FY Initiated	2020-2021

Description This project transforms the existing River Oaks Stormwater Pump Station into a regional green stormwater infrastructure to improve stormwater quality while providing other community benefits such as educational, recreational, and aesthetic amenities.

Justification This project will meet the requirements of the San Francisco Bay Regional Municipal Stormwater National Pollutant Discharge Elimination System (NPDES) Permit, comply with the Baykeeper Consent Decree, and align with the Envision San José 2040 General Plan and Climate Smart San José goals.

Notes The total cost of the River Oaks Regional Stormwater Capture Project is \$11 million. This allocation represents the portion of the River Oaks Regional Stormwater Capture Project supported by a grant from the Association of Bay Area Governments (ABAG) as approved by City Council on August 25, 2020. Additional project costs are accounted for in the Measure T - Clean Water Projects allocation in the Public Safety and Infrastructure Bond Fund - Storm Sewer Fund (498).

Major Cost Changes

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
General Administration		1,018	500					500		1,518
Construction			1,686					1,686		1,686
Total		1,018	2,186					2,186		3,204

Funding Source Schedule (000s)										
Storm Sewer Capital Fund (469)		1,018	2,186					2,186		3,204
Total		1,018	2,186					2,186		3,204

Annual Operating Budget Impact (000s)										
Total										

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

San Jose Watershed Invasive Species Removal and Engagement

CSA	Environmental and Utility Services	Initial Start Date	3rd Qtr. 2017
CSA Outcome	Reliable Utility Infrastructure	Initial End Date	2nd Qtr. 2023
Location	Coyote Creek Watershed	Revised Start Date	
Dept Owner	Public Works	Revised End Date	
Council Districts	2, 3, 4, 7, and 8	Initial Project Budget	
Appropriation	A406I	FY Initiated	2017-2018

Description The allocation will be used to establish an invasive species identification and removal program on City-owned properties located along the Coyote Creek watershed. In addition, this will include outreach opportunities to increase community awareness about the impacts of invasive species to the local ecosystems. Funding for this program is provided through the D2 Partnership fund established by the Santa Clara Valley Water District under their Safe, Clean Water and Natural Flood Protection Program.

Justification This allocation is required as a result of the February 2017 flood event to help improve the health of the ecosystem within Coyote Creek watershed and to provide increased flow conveyance within Coyote Creek.

Notes

Major Cost Changes

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
Project Feasibility Development	195	278	340	200				540		1,013
Construction	33	148								181
Total	228	426	340	200				540		1,194

Funding Source Schedule (000s)										
Storm Sewer Capital Fund (469)	228	426	340	200				540		1,194
Total	228	426	340	200				540		1,194

Annual Operating Budget Impact (000s)										
Total										

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of One-Time Projects

Stockton-Cinnabar and Stockton-Taylor Storm Drain System

CSA	Environmental and Utility Services	Initial Start Date	3rd Qtr. 2019
CSA Outcome	Reliable Utility Infrastructure	Initial End Date	2nd Qtr. 2024
Location	West of the Guadalupe River between Park Ave and Freeway 880	Revised Start Date	
Dept Owner	Public Works	Revised End Date	2nd Qtr. 2026
Council Districts	3, 6	Initial Project Budget	\$15,000,000
Appropriation	A416I	FY Initiated	2019-2020

Description The project is currently in the planning phase. The current funding level supports the planning, scoping, and preliminary design of the storm drain improvements for the Stockton-Cinnabar and Stockton-Taylor Storm Drain System. The final project, which includes final design and construction, will improve the storm drain system for a total tributary area of approximately 580 acres, located west of Guadalupe River between Interstate 880 and Park Avenue, including installation of approximately 13,000 feet of storm drain piping, from 24" to 54" in diameter, and two large outfalls into Guadalupe River.

Justification The area has experienced frequent street flooding and Taylor Street was often closed down. The storm drain system in this area is greatly undersized, and improvements are needed to protect the area from flooding.

Notes

Major Cost Changes 2021-2025 CIP - Decrease of \$12.5 million due to reallocation to more critical projects/programs including the Citywide Outfall Improvements and Storm Pump Station Rehabilitation projects.
 2022-2026 CIP - Decrease of \$1.8 million due to reallocation to more critical projects/programs.

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Expenditure Schedule (000s)										
Project Feasibility Development	8	30								38
Design			50					50		50
Construction				150	150	150	150	600		600
Total	8	30	50	150	150	150	150	650		688

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Funding Source Schedule (000s)										
Storm Sewer Capital Fund (469)	8	30	50	150	150	150	150	650		688
Total	8	30	50	150	150	150	150	650		688

	PRIOR YEARS	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 YEAR TOTAL	BEYOND 5 YEARS	PROJECT TOTAL
Annual Operating Budget Impact (000s)										
Total										

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Charcot Storm Pump Rental

CSA Outcome	Reliable Utility Infrastructure	Council Districts	4
Department Owner	Public Works	Appropriation	A6580
Description	This project allocates funding for the rental of temporary storm pump equipment and permit fees from the Santa Clara Valley Water District (SCVWD), the owner of the property off of Charcot Avenue near Coyote Creek. Currently, the City maintains a two-year permit to use the SCVWD site.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Equipment, Materials and Supplies	300	300	300	300	300	300	300	1,500
Total	300	300	300	300	300	300	300	1,500

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	300	300	300	300	300	300	300	1,500
Total	300	300	300	300	300	300	300	1,500

Citywide Outfall Improvements

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A4245
Description	This allocation funds the construction or rehabilitation of storm drain outfalls at various locations throughout the City. The Department of Transportation (DOT) has identified more than 250 outfalls that are missing, deteriorated, or in need of improvement to bring them to current design standards. This ongoing allocation funds the most critical outfall construction based on priorities jointly established by DOT, the Public Works Department, and regulatory agencies.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Design	4	4						
Construction	4,207	707	5,500	5,000	1,000	1,000	500	13,000
Total	4,211	711	5,500	5,000	1,000	1,000	500	13,000

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	4,211	711	5,500	5,000	1,000	1,000	500	13,000
Total	4,211	711	5,500	5,000	1,000	1,000	500	13,000

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Condition Assessment Storm Sewer Repairs

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A7801
Description	This allocation funds contracts to identify and repair damaged pipes in the storm sewer system, and includes multiple projects each year as they are identified. Areas with groundwater infiltration and significant structural deficiencies will be the focus of these identify-and-repair contracts.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Project Feasibility Development	5	5	5	5	5	5	5	25
Design	25	25	25	25	25	25	25	125
Bid & Award	5	5	5	5	5	5	5	25
Construction	447	197	365	115	115	115	115	825
Total	482	232	400	150	150	150	150	1,000

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	482	232	400	150	150	150	150	1,000
Total	482	232	400	150	150	150	150	1,000

Fee Administration - Storm Sewer

CSA Outcome	Reliable Utility Infrastructure	Council Districts	N/A
Department Owner	Public Works	Appropriation	A5411
Description	This allocation provides funding for the Department of Public Works Development Program to collect Storm Drainage Fees.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
General Administration	25	25	25	25	25	25	25	125
Total	25	25	25	25	25	25	25	125

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Drainage Fee Fund (413)	25	25	25	25	25	25	25	125
Total	25	25	25	25	25	25	25	125

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Flow Monitoring Program

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A5867
Description	This allocation funds the installation of flow monitors and rain gauges, which measure the actual amount of flow in storm drains and precipitation at strategic locations. The data and information are used to calibrate and validate the flow/rainfall relationship in the hydrologic and hydraulic model of the storm drain system as part of the master plan study.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Project Feasibility Development	514	514	350	350	350	350	350	1,750
Design	218	218						
Total	732	732	350	350	350	350	350	1,750

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	732	732	350	350	350	350	350	1,750
Total	732	732	350	350	350	350	350	1,750

Green Infrastructure Improvements

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A402P
Description	This allocation funds projects that will implement Green Infrastructure as required by the Municipal Regional Permit. The goal is to reduce impervious surfaces through the use of Low Impact Development that will reduce the flow rate and improve water quality by treating the urban stormwater runoff before it enters into waterways such as creeks and rivers in San José.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Construction	1,230	480	1,650	900	450	450	450	3,900
Total	1,230	480	1,650	900	450	450	450	3,900

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	1,230	480	1,650	900	450	450	450	3,900
Total	1,230	480	1,650	900	450	450	450	3,900

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Permit Review and Inspection for Outside Agencies - Storm Sewer

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A7075
Description	This allocation funds the review and inspection of Santa Clara Valley Water District (SCVWD) projects. The City and the SCVWD do not charge one another for these services.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
General Administration	50	50	50	50	50	50	50	250
Total	50	50	50	50	50	50	50	250

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	50	50	50	50	50	50	50	250
Total	50	50	50	50	50	50	50	250

Preliminary Engineering - Storm Sewer

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A400P
Description	This allocation supports preliminary engineering, including surveys and evaluations, that evaluates the potential effects of projects not yet funded in this program.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Design	180	180	180	180	180	180	180	900
Total	180	180	180	180	180	180	180	900

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	180	180	180	180	180	180	180	900
Total	180	180	180	180	180	180	180	900

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Program Management - Storm Sewer

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A400Q
Description	This allocation funds the administration and management of this Capital Improvement Program.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
General Administration	150	150	150	150	150	150	150	750
Total	150	150	150	150	150	150	150	750

Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	150	150	150	150	150	150	150	750
Total	150	150	150	150	150	150	150	750

Storm Pump Station Rehabilitation and Replacement

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A5150
Description	This allocation funds the rehabilitation, reconstruction, or replacement of aging pump stations that require high levels of maintenance.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Project Feasibility Development	3	3	3	3	3	3	3	15
Design	50	50	50	50	50	50	50	250
Bid & Award	3	3	3	3	3	3	3	15
Construction	3,004	254	694	144	144	144	144	1,270
Total	3,060	310	750	200	200	200	200	1,550

Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	3,060	310	750	200	200	200	200	1,550
Total	3,060	310	750	200	200	200	200	1,550

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Storm Sewer Improvements

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A4483
Description	This allocation funds minor storm drain projects, such as construction of new inlets and laterals (storm pipe connections from the inlet to the main), and the establishment of flow-lines in various neighborhoods. Resources will be allocated to address these needs as funding permits.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Project Feasibility Development	5	5	10	10	10	10	10	50
Design	20	20	40	40	40	40	40	200
Bid & Award	3	3	6	6	6	6	6	30
Construction	1,172	822	794	194	194	194	194	1,570
Total	1,200	850	850	250	250	250	250	1,850

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	1,200	850	850	250	250	250	250	1,850
Total	1,200	850	850	250	250	250	250	1,850

Storm Sewer Master Plan - City-wide

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A5252
Description	The first phase of the Storm Sewer Master Plan study was completed in 2017, which recommended capital costs totaling \$230 million for high priority capacity projects. This allocation funds an ongoing master planning effort for the storm sewer system, which will incorporate the Green Infrastructure Plan into the hydrologic and hydraulic computer model and recommend optimized green (infrastructure) plus grey (conveyance) projects for the future CIPs.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Project Feasibility Development	1,269	1,269	1,300	1,200	1,100	1,100	1,100	5,800
Maintenance, Repairs, Other	124	124						
Total	1,393	1,393	1,300	1,200	1,100	1,100	1,100	5,800

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	1,069	1,069	1,100	1,000	900	900	900	4,800
Storm Drainage Fee Fund (413)	324	324	200	200	200	200	200	1,000
Total	1,393	1,393	1,300	1,200	1,100	1,100	1,100	5,800

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Detail of Ongoing Projects

Urgent Storm Drain Repair Projects

CSA Outcome	Reliable Utility Infrastructure	Council Districts	City-wide
Department Owner	Public Works	Appropriation	A4287
Description	This allocation funds unscheduled engineering and construction projects on an as-needed basis, including participation in cooperative projects with other agencies in support of the City's storm sewer system.		

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Expenditure Schedule (000s)								
Project Feasibility Development	5	5	5	5	5	5	5	25
Design	10	10	10	10	10	10	10	50
Bid & Award	5	5	5	5	5	5	5	25
Construction	510	360	380	230	230	230	230	1,300
Maintenance, Repairs, Other	12	12						
Total	542	392	400	250	250	250	250	1,400

	FY21 Budget	FY21 EST	FY22	FY23	FY24	FY25	FY26	5 Year Total
Funding Source Schedule (000s)								
Storm Sewer Capital Fund (469)	530	380	400	250	250	250	250	1,400
Storm Drainage Fee Fund (413)	12	12						
Total	542	392	400	250	250	250	250	1,400

Storm Sewer Capital Program
2022-2026 Adopted Capital Improvement Program
Summary of Reserves

Project Name	Measure T - Admin Reserve Storm Sewer
5-Yr CIP Budget	\$ 513,000
Total Budget	\$ 513,000
Council Districts	N/A
Description	This reserve sets aside funding for the administrative costs associated with the oversight and management of the Measure T Public Safety and Infrastructure Bond Program.
