

City of South San Francisco Fiscal Year 2023-24 Adopted Budget



Adopted Version



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Executive Summary

The Capital Improvement Plan (CIP) is the City of South San Francisco's short and long-term plan for projects related to the community's infrastructure categorized into the following six project types:

- Public Facilities projects to renovate, construct, and improve city buildings and infrastructure.
- Parks projects to replace and improve playgrounds, renovate baseball fields, and expand parks at city-owned public spaces.
- Storm drains projects to repair and improve storm drains and install green infrastructure to reduce pollution run-off into the San Francisco Bay.
- Sanitary sewers projects to maintain the Water Quality Control Plant (WQCP), Collection System Pumps Stations, and sanitary sewer lines within the City.
- Streets projects to repair bridges, resurface streets, and improve medians and sidewalks and study the feasibility of proposed roadway and rail extensions.
- Traffic projects to focus on arterials, corridors, and key intersections within the City, including adaptive traffic signals to provide better traffic flow, improve pedestrian safety, traffic calming, and better bicycle rider safety on city streets.

The CIP provides a link between the City's General Plan, various master planning documents, and budget, and provides a means for planning, scheduling, and implementing capital improvement projects over the next five years.

In preparing this plan, the Public Works Department (PW) focused on projects that will improve the reliability and safety of the City's infrastructure and that will meet the requirements of Clean Water Act mandates, including the National Pollutant Discharge Elimination System (NPDES) permits for storm water and wastewater management.

CIP Process

The CIP is the result of collaboration between various city departments and is created in a series of steps that engage various forecasting methods and use planning documents and infrastructure studies as a guide for new project needs.

City staff considers the following criteria when selecting projects for inclusion in the CIP:

- Grant funded projects requiring a city contribution
- Previously approved projects under construction or contract
- Projects required for regulatory compliance
- Projects to maintain or upgrade existing City infrastructure
- o Projects with no general fund allocations
- Projects requested by the community or city departments
- o Projects that can be reasonably delayed, are complete, or no longer necessary

Departments submit their CIP project requests to Public Works (PW) using forms that capture various information, including project scope, justification, funding source(s), budget, status update (if an existing project), completion date, and ongoing operations/maintenance impacts. PW staff perform the initial evaluations of each project using the information submitted and availability of funds data provided by the finance department. PW then meets with the Finance Department and City Manager to review all projects and the proposed funding timeline. Following agreement on a CIP proposal for the subject budget year(s), it is presented by PW to the Budget Subcommittee. Subcommittee members consist of two City Council members. Typically, the subcommittee meets once in conjunction with the City's operating budget presentation by the Finance Department. After the subcommittee's recommendations are incorporated, a second updated CIP proposal is presented to the entire City Council at a study session along with the annual operating budget.

Prior to going to City Council for final approval, the CIP proposal is presented to the Planning Commission. The Planning Commission must review the CIP and find it consistent with the City's General Plan.

The development of the CIP is not a project, as defined in the California Environmental Quality Act (CEQA). Therefore, an environmental review is not required for its adoption. However, individual projects listed herein may be subject to CEQA. Environmental reviews will be conducted at the appropriate times during implementation of those projects.

Appropriations

The FY2023-24 CIP budget totals \$ 40.3 million. There are 172 projects within the FY2023-24 five-year plan, 45 of which bear appropriations for FY2023-24. The following pages summarize funding proposals over the next five-year period - those with appropriations in the FY2023-24 budget year and those with general funding proposals (to be appropriated in future budget cycles) for future years (FY2024-25 to 2027-28). Details of each individual project are also included in Appendix A.

Funding Sources

The FY2023-24 CIP is funded by a wide range of different sources and funds used depending on the nature of the project. The City applies for external grant funding, wherever possible, from federal, state, and local agencies; uses bond financing if financially appropriate and feasible for large construction projects; employs revenues generated from various development impact fees; and transfers funding from other city funds (including the General Fund) and City reserves when needed and appropriate. Local tax measures also contribute to capital projects, including Measure A, Measure W (city and county), and Gas Tax. The pie chart and table in the following pages show the split of the FY2023-24 CIP by funding source and by project type.

On Going Maintenance and Operations Impact

The majority of the new and ongoing projects listed in this CIP result in improvement and/or replacement of existing facilities and equipment. In some cases, the operations and maintenance efforts and costs stay the same. Installation of some new equipment results in reduced energy costs due to higher efficiency. Reduced maintenance effort and costs are also realized where new equipment will not need replacement parts during the first several years of its use. New operations and maintenance costs are, however, required where projects result in the installation of new equipment and facilities where none previously existed.

City operations and maintenance staff continually review existing and upcoming requirements and make as-needed changes to their staffing and budgets in order to accommodate the needs of the City's ever-changing infrastructure.

Conclusion

The FY 2023-24 CIP encompasses ongoing and new investments in the City's infrastructure and operations, with an emphasis on cost efficiency, proactive management, and regulatory compliance. This document provides City Council and the public with a summary of the projects that Public Works will be managing during the next fiscal year and beyond for the continual betterment of all South San Francisco residents, businesses, and visitors.

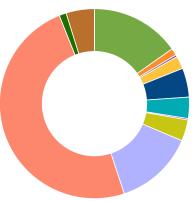
Capital Improvement Program - 1-Year: FY2023-24

The list below shows the breakdown of the appropriations for the CIP budget by Funding Source.

Total Capital Requested \$40,349,600

45 Capital Improvement Projects

Total Funding Requested by Source



American Recovery Plan (-3%)	\$-1,040,400.0000
Citywide Traffic Impact Fee (15%)	\$6,300,000.00
Common Greens (1%)	\$500,000.00
East of 101 Sewer Impact Fee (0%)	\$145,000.00
General Fund (2%)	\$900,000.01
Infrastructure Reserves (5%)	\$2,050,000.00
Measure A (4%)	\$1,500,000.00
Parking District Fund (0%)	\$100,000.00
Road Maintenance Acct (SB1) (4%)	\$1,500,000.00
San Bruno / NBSU (14%)	\$5,599,360.00
Sewer Enterprise (49%)	\$20,295,640.00
SMC Measure W (1%)	\$500,000.00
Storm Water (5%)	\$2,000,000.00

\$40,349,600.01

TOTAL

CIP Appropriations by City Fund

The table below shows the CIP budget appropriations by City fund number.

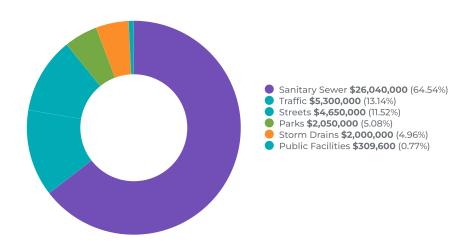
			FY 2023-34
	Appropriated	Appropriations	
Funding Source	Fund #	Request	
General Fund	100	\$	900,000
American Rescue Plan Act (ARPA)	201	\$	(1,040,400)
Measure A	211	\$	1,500,000
Road Maintenance Rehabilitation Account (RMRA)-SB1	212	\$	1,500,000
Measure W - San Mateo County	213	\$	500,000
Common Greens	231-234	\$	500,000
Infrastructure Reserve	513	\$	2,050,000
Wastewater (Sewer)	710	\$	20,295,640
San Bruno Sewer (External funding)	N/A	\$	5,599,360
Parking District	720	\$	100,000
Stormwater	740	\$	2,000,000
East of 101 Sewer Impact Fee	810	\$	145,000
Citywide Traffic Impact Fee	825	\$	6,300,000
TOTAL		\$	40,349,600

CIP Appropriations by Project Type

The following table and pie chart show the FY2023-24 appropriations for capital improvement projects split by project type. Sanitary Sewer capital projects account for the largest proportion of project funding (\$26.04 million or 65% of total appropriations). \$5.6 million of this expenditure amount will be reimbursed by the City's Wastewater partner, the city of San Bruno.

		FY 2023-24		
		Requested		
Project Type	Count	A	opropriations	
Public Facilities	5	\$	309,600	
Parks	5	\$	2,050,000	
Storm Drains	1	\$	2,000,000	
Sanitary Sewer	16	\$	26,040,000	
Streets	4	\$	4,650,000	
Traffic	14	\$	5,300,000	
TOTAL	45	\$	40,349,600	

Capital Improvement Plan by Project Type



Capital Improvement Plan Requests

Itemized Requests for 2024

pf2002 Oyster Point Marina Water-Taxi Ferry Terminal - Phase 1 (Spit)

\$0

Engineering and design work to upgrade Oyster Point peninsula, the adjacent guest dock and design a new water-taxi ferry terminal and passenger building. The improvements will eliminate flooding over the landfill and account for sea level rise.

pf2203 Terrabay Gymnasium HVAC Replacement

\$100,000

Replace the heating, ventilating, and air conditioning systems (HVAC) at the Terrabay Gymnasium and Recreation Center which has reached the end of its life and is no longer functioning.

pf2305 Free Public Wifi Network

-\$140,400

To build a public Wifi network and pilot in the uptown/downtown area, providing 100MB download and 25MB upload speeds.

pf2401 City Facilities Door Access Controls

\$250,000

Implementation of an access control system to facilitate quick and convenient access for authorized personnel while restricting access to unauthorized individuals. This initiative was identified as part of the 2017 IT Strategic Plan.

pf2402 Parking District Lot Rehabilitation

\$100,000

Paving, striping and maintenance of all city surface lots within the Parking District.

pk2401 Replacement of Light Structures at Terrabay Recreation Center

\$500.000

Replace nine light poles that are needed for parking lot safety lighting and tennis court usage.

pk2402 Dundee Park Remodel

\$600,000

Renovation of Dundee Park includes a new design, playground, and sports courts.

pk2403 Brentwood Park Irrigation Infrastructure Upgrade

\$400,000

Irrigating the hillside in the back of the park to plant trees after mitigation and removal of hazardous trees.

pk2404 Common Greens Rehabilitation Study & Implementation

\$500,000

Pre-design for study and implementation of common greens rehabilitation.

pk2405 Clay Park Court Resurfacing

\$50,000

Resurfacing of the basketball court at Clay Park.

sd2401 Storm Damage Repairs

\$2,000,000

Repairs of damage caused by mudslides from recent storms of late December 2022-early January 2023.

ss1502 Pump Station No. 4 Redundant Force Main

\$4,050,000

The PS4 is the only main conveyance line East of 101.

ss1801 Sewer Master Plan GP Update

\$90,000

Design and model update to the General Plan adopted in late 2022. Review of the model will either verify or update the CIP sizing recommendations from the Citywide Sewer Master Plan updated in early 2022.

ss2001 Sanitary Sewer Rehabilitation

\$1,000,000

Ongoing maintenance required for sanitary sewer per the Sanitary Sewer Master Plan.



Upgrade the existing flotation thickeners to accommodate plant processes.

ss2302 WQCP Sludge Dewatering Improvements

\$1,000,000

For the design and installation of sludge pretreatment conditioning system to increase biosolids total percent solids with the goal of decreasing hauling and disposal costs, as SB1383 now classifies biosolids as organic.

ss2401 Oyster Point Sewer Main Upsize

\$100,000

Co-funding agreement with Kilroy to design and construct a sewer main upsize for the Oyster Point sewer main from Gull to Pump Station #2.

ss2402 Variable Frequency Drive Modernization Project - WQCP

\$1,000,000

Replacement of variable frequency drive components associated with Plant pumping systems originally installed in 1998.

ss2403 Variable Frequency Drive Replacement Project - Sanitary Pump Stations

\$1,000,000

Replacement of variable frequency drive components associated with Plant pumping systems originally installed in 1998.

ss2404 Programable Logic Controller Replacement Project - WQCP and Sanitary Pump Stations

\$2,050,000

Modernization of programable logic controllers at plant and pump stations to replace existing from 1999.

ss2405 Headworks No. 1 Grit Chamber Tower Rehabilitation Project - WQCP

\$2,000,000

Evaluate, design and construct replacement grit tower structures installed in 1951.

ss2406 Transformer K Replacement Project - WQCP

\$200,000

Engineer, design and install replacement Transformer K originally installed in 1991.

ss2407 SB 1383 Organics Diversion Mandate Compliance and Cogeneration Expansion Project - WQCP

\$5,000,000

Evaluate, engineer, and design processing and storage equipment to comply with SB 1383 mandate and enhance renewable biogas production. This project will expand sustainable onsite power generation and heat recovery.

ss2408 Biosolids Drying and Recycling Project - WQCP -Project 2

\$1,000,000

Evaluate, design, and construct equipment associated with decreased moisture content of biosolids to comply with SB 1383 mandate. Renewable products such as biochar, soil amendments, and fly ash enhancers.

ss2409 Industrial Coating Reapplication Project - WQCP and Pump Stations

\$2,000,000

Project to maintain applied industrial coatings to Plant and pump station metal assets.

ss2410 WQCP Operations Control Center Rehabilitation Project - WQCP

\$200,000

Project to modernize operations control center to achieve the following goals - 1) better ergonomics, 2) replacement terminals for Plant SCAEDA supervisory control and data acquisition, 3) replacement of HVAC system.

ss2411 NPDES Permit Compliance Upgrade (nutrient removal)

\$1,000,000

Participate in a regional study.

st1703 Bridge Preventative Maintenance Program

\$50,000

This project will conduct preventative maintenance on ten (10) city bridges including: Colma Creek Bridge at Produce Avenue, Canal Bridge at Linden Avenue, two bridges over San Bruno Channel over N. Access Road, Colma Creek Bridge at Spruce Ave.,...

st1804 Bridge Preventative Maintenance - Grand

\$100,000

This project will conduct preventative maintenance on Grand Avenue overpasses.



Design & construct pedestrian and storm drain improvements at Elm Ct, Hillside Blvd, Park Way and Ponderosa Rd.

st2402 2024 Street Surface Seal project

\$3,500,000

Design & construct street surface seal project as part of the Pavement Management Program (PMP) that will cycle through Zones 1 - 5, one zone each year providing a new surface seal of streets with new thermoplastic striping, legends and...

tr2301 Miscellaneous Traffic Improvements

\$300,000

Design & construct any traffic related improvements in the City, such as striping, signs, and other traffic calming measures from the Traffic Advisory Committee, Neighborhood meetings or as needed.

tr2401 Airport Boulevard Bike/Ped Gap Closure Study

\$300,000

Support for feasibility studies as needed to complete bike/ped network, and support for grant applications.

tr2402 El Camino Real Bik/Ped Improvements

\$300,000

Support for studies to implement Active South City recommendations on El Camino Real and connections to Centennail Trail.

tr2403 Traffic Signal Safety Improvements Project

\$500,000

Design & Construct new traffic signals at the intersection of Junipero Serra Blvd/Arroyo; Signal improvements/modifications at the intersections of Grand Ave/Spruce Ave, Grand Ave/Maple, Grand Ave/Linden Ave; and install retroreflective...

tr2404 Chestnut Ave & Commercial Ave Intersection Improvement Project

\$300,000

Design & construct new traffic signals at the intersections to improve pedestrian safety. The improvements include the removal of the "slip lane" and concrete island at the southeast corner that currently provides a free right turn...

tr2405 Citywide School Traffic Calming Improvement Project

\$600.000

Design & construct traffic calming improvements at grades Kindergarten through 12 schools, including 15mph speed reduction.

tr2406 Traffic Studies and Grant Support

\$300,000

Support for any traffic-related studies from the Traffic Advisory Committee, Neighborhood meetings or as needed, and support for grant applications as needed.

tr2407 Bay Trail - Centennial Way Trail Gap Closure

\$100,000

A feasibility study to create a Class I trail connecting the Centennial Way Trail and Bay Trail. The project seeks to link the City's two largest multi-use trails, enable a low-stress bikeway connection to the waterfront, and enhance...

tr2408 Signalized Intersection Battery Back up Citywide

\$2,000,000

Upgrade signalized intersection Citywide with Battery Backup Systems. Approximately 50 intersections in the City are without BBS.

tr2409 Oyster Point Blvd - Corridor Study to support Bike/Ped and Complete Streets

\$100,000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.

tr2410 Spruce Avenue - Corridor Study to support Bike/Ped and Complete Streets

\$100,000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.

tr2411 Gateway Boulevard - Corridor Study to support Bike/Ped and Complete Streets

\$100.000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.



Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.

tr2413 El Camino Real at 1st to Centennial Trail Gap Closure

\$200,000

Install bike and pedestrian signalized intersection at ECR @ 1st and connect the gap to Centennial Trail at 1st Street to set up for grant funding.

Total: \$40,349,600

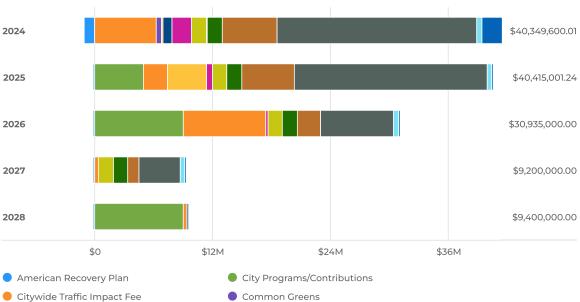
Capital Improvement Program - 5-Year: FY2023-24 to FY2027-28

Total Capital Requested

\$130,299,601

172 Capital Improvement Projects

Total Funding Requested by Source



- Oitywide Traffic Impact Fee
- East of 101 Sewer Impact Fee
- Grants
- Measure A
- Parking District Fund
- San Bruno / NBSU
- SMC Measure W

- General Fund
- Infrastructure Reserves
- Other Funding Sources
- Road Maintenance Acct (SBI)
- Sewer Enterprise
- Storm Water

Capital Improvement Plan Requests

Itemized Requests for 2024-2028

\$0 pf1413 Grand Avenue Library Renovation Project The project will install data communication infrastructure upgrades, both to and within the facility, and install new furniture, shelving and equipment to provide a more flexible, interactive, welcoming, contemporary space for our community. pf1609 Magnolia & Siebecker Parking Lot Resurfacing \$0 This project will resurface and restripe the Magnolia Senior Center Parking Lot. Treatment to be determined. pf1704 Training Tower Maintenance \$0 Fire Training Tower 61 was built in 2006. In 2015, assessment of the tower revealed several high priority repairs that are needed in order to comply with National Fire Protection Association (NFPA) training structure standards. This project will... pf1705 City Hall Modernization \$0 The upgrades are modest improvements that will enhance the security of the City Hall building for the employees and visitors. This project will implement priority one security upgrades of the recently completed security study. Upgrades will... pf1707 Community Civic Campus \$0 This project will design a new Community Civic Campus that includes a new library, parks & recreation facility, council chamber, a police operations & 911 dispatch center and a new fire station. Related to pf2103 and pf2207 projects. pf1801 Parking Garage #2 \$0 This project will identify locations, create a financing plan, purchase land if necessary, design and construct a new parking garage in downtown South San Francisco. pf1805 Fire Station 64 Dorm & Bathroom Remodel \$0 Remodel Fire Station 64 dormitory and bathrooms to include better storage, increase the number of beds in the dormitory, improve privacy, and allow for gender specific dormitory and bathrooms. pf1903 Electric Vehicle Charging Stations \$0 To install electric vehicles (EV) charging station at various City locations for both internal fleet and public use. \$0 pf2001 Oyster Point Fuel Tank Removal Remove fuel tanks from Oyster Point. pf2002 Oyster Point Marina Water-Taxi Ferry Terminal - Phase 1 (Spit) \$0 Engineering and design work to upgrade Oyster Point peninsula, the adjacent guest dock and design a new water-taxi ferry terminal and passenger building. The improvements will eliminate flooding over the landfill and account for sea level pf2003 Police Station - Phase I \$0 This project will construct a new Police Operations & 911 Dispatch Center at the site of former Pet Club at the corner of Antoinette Lane and Chestnut Avenue. The current Police Station does not meet current building code requirements for... pf2101 Westborough Pre-K Design and Construction \$0 The City would like to construct a new licensed preschool facility to serve this growing need in the community. Childcare

Impact Fees would fund the design and construction of a new facility, which the Parks and Recreation Department

would...

As part of SSF Caltrain Station Improvement a new pedestrian tunnel and half acre plaza will be built at the intersection of Grand Ave and Airport Blvd. Seen as the cornerstone of a new transit hub in SSF, this plaza is imagined to anchor the...

pf2103 Library, Parks & Recreation - Phase II

\$0

This project will design a new Community Civic Campus that includes a new library, parks & recreation facility, council chamber, a police operations & 911 dispatch center and a new fire station. The project also includes construction cost...

pf2104 FF&E for Police/911 Dispatch Project

\$0

FF&E Purchases for new PD/911 Dispatch Center utilizing Police Seizure Asset Funds.

pf2201 City Hall Fire Alarm / Electrical Modernization

\$0

Additional electrical circuit to support outdoor decorative lighting and EV chargers.

pf2202 Solar Roof at City Corporation Yard

\$0

Solar roof at City Corporation Yard.

pf2203 Terrabay Gymnasium HVAC Replacement

\$100,000

Replace the heating, ventilating, and air conditioning systems (HVAC) at the Terrabay Gymnasium and Recreation Center which has reached the end of its life and is no longer functioning.

pf2204 OP2C Landscape

\$0

Design and Installation of landscape improvements to areas of Oyster Point 2C utilizing funds dedicated to the City from the former Redevelopment Agency.

pf2205 OP2C Bay Trail

\$0

Design and Installation of Bay Trail improvements to areas of Oyster Point 2C utilizing funds dedicated to the City from the former Redevelopment Agency.

pf2206 OP2C Parking

\$0

Design and Installation of parking and roadways of Oyster Point 2C utilizing funds dedicated to the City from the former Redevelopment Agency.

pf2207 Bond Portion - Library, Parks & Recreation - Phase II

\$0

Refer to pf2103, this is bond portion only.

pf2208 PC/911 Public Safety Impact Fee Portion

\$0

This project will construct a new Police Operations & 911 Dispatch Center at the site of former Pet Club at the corner of Antoinette Lane and Chesnut Avenue.

pf2302 City Hall Annex Replacement and Landscape Improvement

\$0

Initial study to replace the City Hall Annex and update the City Hall block landscape.

pf2303 Caltrain Signage

\$0

Design, fabrication and installation of signage for the Karyl Masumoto Plaza at the new South San Francisco Caltrain Station. Signage to be installed prior to opening of the plaza in early 2023.

pf2305 Free Public Wifi Network

-\$140,400

To build a public Wifi network and pilot in the uptown/downtown area, providing 100MB download and 25MB upload speeds.

Design and construction of a new fire station at 73 Camaritas Ave., a parcel owned by the City. The current station is undersized and located in the basement of a building that is in the process of being vacated. The new station...

pf2307 Corp Yard Office HVAC including proposed Traffic Control Center

\$0

The Corp Yard is shared by Public Works & Parks & Recreation. As needs of both departments change and staffing increases, the Heating, Ventilation and Air Conditioning (HVAC) system needs to be modified to support space utilization...

pf2401 City Facilities Door Access Controls

\$500,000

Implementation of an access control system to facilitate quick and convenient access for authorized personnel while restricting access to unauthorized individuals. This initiative was identified as part of the 2017 IT Strategic Plan.

pf2402 Parking District Lot Rehabilitation

\$100,000

Paving, striping and maintenance of all city surface lots within the Parking District.

pk1402 Orange Memorial Park Sports Field Renovation

\$0

Resulting from many years of overuse, the ballfields are due for renovation. The grandstand bleachers are in a constant state of disrepair and should be replaced with lower maintenance bleachers. This project will be divided into two phases: Phase...

pk1701 Gateway Monument Signs

\$0

This project will design all gateway monument signs.

pk1802 Urban Forest Master Plan

\$0

Would provide a handbook for prioritizing and implementing many specific tree risk items in numerous sites called out in Parks Deferred Maintenance Plan (PDMP).

pk1803 Sellick Park Renovation Project

\$0

Replacement of play equipment and surfacing, tree thinning and removals, pathway, building and picnic area renovation.

pk1804 Buri Buri Field & Court Improvements

\$0

This project will resurface the basketball court, renovate the baseball field and address amenitities including bleachers, scoreboard, and paving for ADA accesibility.

pk1805 Avalon Park Improvements

\$0

This project will address immediate tree concerns, provide ballfield improvements, and safety resurfacing.

pk1806 Gardiner Park Playground Replacement

\$0

This project rehabilitates Gardiner Park to improve the use of space, landscaping, and play equipment in order to better serve the community.

pk1807 Hillside School Soccer Field Renovation

\$0

This project will provide rehabilitation to deferred maintenance conditions at SSFUSD owned, SSF maintained Hillside School site.

pk1902 Oyster Point Development Conduits

\$0

This project will construct a joint trench dark fiber conduit and Bay Trail conduit for future closed-circuit television.

pk2102 Sign Hill Fire Mitigation and Park Restoration

\$0

Sign Hill Fire Mitigation and Park Restoration.

The City will take over maintenance and development rights to the BART right-of-way (BART ROW) running through South San Francisco at some time in 2020 or 2021. The BART ROW will require proactive and creative programming and the City would like...

pk2104 Orange Memorial Park Master Plan Update

\$0

Project will update master plans for Orange Memorial Park, including site programming, spatial layout options and conceptual designs for existing parkland and potential expansion into Mazzanti Property.

pk2201 Aquatics Center \$0

Design and construction of new aquatics center in Orange Memorial Park.

pk2202 Westborough Park Pathways

\$0

This project would improve some existing pathways at Westborough Park by construction of ADA compliant pathways. Westborough Park renovation completed in 2012. At that time, non-ADA compliant upper pathways in poor condition west of the park...

pk2303 Replacement of Light Structures at Hillside Ballfield

\$0

Project will replace aging light fixtures at the Hillside Ballfields.

pk2304 Reclaimed Water Pipe Design & Connection

\$0

Design and installation of reclaimed water connections and associated booster pumps to connect the cistern at Orange Memorial Park to the other side of Orange Ave as well as across Chestnut Avenue to the Civic Campus properties including the

pk2309 Bond Portion of OMP Sports Field Renovation (fund 522)

\$0

Bond portion of funding for Orange Park Sports Field Renovation (pk1402).

pk2310 Bond portion of Aquatics Center (fund 524)

\$0

Bond portion of funding for Aquatics Center (pk2201).

pk2401 Replacement of Light Structures at Terrabay Recreation Center

\$500,000

Replace nine light poles that are needed for parking lot safety lighting and tennis court usage.

pk2402 Dundee Park Remodel

\$600,000

Renovation of Dundee Park includes a new design, playground, and sports courts.

pk2403 Brentwood Park Irrigation Infrastructure Upgrade

\$500,000

Irrigating the hillside in the back of the park to plant trees after mitigation and removal of hazardous trees.

pk2404 Common Greens Rehabilitation Study & Implementation

\$500,000

Pre-design for study and implementation of common greens rehabilitation.

pk2405 Clay Park Court Resurfacing

\$50,000

Resurfacing of the basketball court at Clay Park.

sd1401 Storm Water Trash Capture Devices

\$0

This project will plan for the sizing and placement of trash capture devices to improve storm water quality. Funding in subsequent years will be for construction of capture devices.

sd1603 Green Infrastructure Planning Study

\$0

NPDES provision C.3.j requires all permittees to develop a Green Infrastructure framework for governing body approval by June 2016. This project will result in a report that prioritizes and maps project locations in the City where existing...

Phase III - Design: Based on engagement with community and civic leaders, preliminary designs will be developed for review and comment by City departments and key stakeholders.

sd2001 Hickey/Camaritas Slide Repairs

\$0

Stabilization of the hillside located at Hickey Boulevard and Camaritas.

sd2002 South Linden Storm Drain Repairs

\$0

Storm drain repairs along South Linden Avenue.

sd2201 Francisco Terrace Flood Protection Levy

\$0

Flood protection improvements in the vicinity of Terrace Drive. A floodwall is proposed to extend along the property line from Terrace Dr to the elevated bike/pedestrian trail which parallels the BART alignment. A recent hydrological study has...

sd2301 Storm Drain Master Plan

\$0

Hydraulic model of Storm Drain collection and conveyance system. Additionally this project will conduct a condition assessment and map all strom drains and will determine deficiencies within the city's storm drain system and...

sd2302 Electrification of Storm Pump Stations

\$0

Design and construction for electrification of diesel storm pump stations at San Mateo Avenue & South Airport Boulevard. Time and infrastructure changes have shown that these temporary stations should be converted to electric to eliminate fuel...

sd2303 South Maple Storm Pump Station Renovation

\$0

Refurbishment of existing pump station infrastructure components in and around South Maple pump station

sd2304 Hickey Boulevard Hillside Stabilization

\$0

The project will identify and plan the geotechnical stabilization of the Hickey Blvd hillside to prevent slides during heavy rain events.

sd2401 Storm Damage Repairs

\$2,000,000

Repairs of damage caused by mudslides from recent storms of late December 2022-early January 2023.

ss1205 WQCP Solar PV

\$900,000

Construction of a solar photovoltaic carport system at the WQCP. Reached the end of the upgrade. Design to solar project 190 kw PV system for covered employee parking. This project will provide approximately 180 kW of photovoltaic power...

ss1301 WQCP Wet Weather and Digester Improvements

\$0

This project will design and construct new digesters #1 and #2 and retrofit #3 at the WQCP. The WQCP Minimize Blending Projects and Plant Wide Painting Program are incorporated in this project.

ss1307 Plant-Wide Industrial Re-Coating Program

\$0

This project will result in new paint and protective coatings on buildings and pipes at the Water Quality Control Plant (WQCP).

ss1502 Pump Station No. 4 Redundant Force Main

\$8,100,000

The PS4 is the only main conveyance line East of 101.

ss1601 Sodium Hypochlorite Tank Replacement

\$0

Replace existing storage tanks which are at end of design life. Study appurtenant piping to determine best overall upgrades.



ss1702 Pump Station No. 2 Upgrade

\$0

Upgrade Pump Station No.2 to accommodate increased flows from the Cove area.

ss1703 WQCP Secondary Clarifiers #1 and #2 Rehab

\$0

Rehabilitate WQCP Secondary Clarifiers #1 and #2.

ss1704 WQCP Effluent Storage Basin Liner Replacement

\$0

The Water Quality Control Plant effluent storage basin was constructed in 2005. Periodic inspections have revealed moderate to sever ultraviolet light (UV) damage to the lining membrane. This project will design and replace effluent storage basin...

ss1705 WQCP Switchgear & Cogen Controls Upgrade

\$0

Design and replace the switchgear and cogen controls at the WQCP. Programmed in CIP for construction in FY 19/20.

ss1801 Sewer Master Plan GP Update

\$90,000

Design and model update to the General Plan adopted in late 2022. Review of the model will either verify or update the CIP sizing recommendations from the Citywide Sewer Master Plan updated in early 2022.

ss1802 WQCP Sea Level Rise Study and Plan

\$0

USACE led project, protection of WQCP from flood and sea level rise.

ss1901 Pump Station Industrial Re-Coating Program

\$0

This project will result in new paint and protective coatings on buildings and pipes at the Water Quality Control Plant (WQCP).

ss1902 Pump Station #14 Capacity Upgrade (as needed)

\$0

This project will design the necessary upgrades to the pump station in order to accommodate the new growth in "The Cove" area. Construction to occur in the next fiscal year.

ss2001 Sanitary Sewer Rehabilitation

\$4,000,000

Ongoing maintenance required for sanitary sewer per the Sanitary Sewer Master Plan.

ss2201 Country Club Park Sewer Master Plan

\$0

District-level study for sewer service expansion into the unincorporated Country Club Park neighborhood addressing collection and conveyance system and tie-ins to the City system. For use when considering neighborhood annexation or Outside Service...

ss2202 Oyster Point Pump Station

\$0

Oyster Point Pump Station

ss2301 WQCP Diffused Air Flotation Thickener Replacement

\$8,700,000

Upgrade the existing flotation thickeners to accommodate plant processes.

ss2302 WQCP Sludge Dewatering Improvements

\$1,000,000

For the design and installation of sludge pretreatment conditioning system to increase biosolids total percent solids with the goal of decreasing hauling and disposal costs, as SB1383 now classifies biosolids as organic.

ss2401 Oyster Point Sewer Main Upsize

\$4,100,000

Co-funding agreement with Kilroy to design and construct a sewer main upsize for the Oyster Point sewer main from Gull to Pump Station #2.

ss2402 Variable Frequency Drive Modernization Project - WQCP

\$2,050,000

Replacement of variable frequency drive components associated with Plant pumping systems originally installed in 1998.



Replacement of variable frequency drive components associated with Plant pumping systems originally installed in 1998.

ss2404 Programable Logic Controller Replacement Project - WQCP and Sanitary Pump Stations

\$2,050,000

Modernization of programable logic controllers at plant and pump stations to replace existing from 1999.

ss2405 Headworks No. 1 Grit Chamber Tower Rehabilitation Project - WQCP

\$5,000,000

Evaluate, design and construct replacement grit tower structures installed in 1951.

ss2406 Transformer K Replacement Project - WQCP

\$200,000

Engineer, design and install replacement Transformer K originally installed in 1991.

ss2407 SB 1383 Organics Diversion Mandate Compliance and Cogeneration Expansion Project - WQCP

\$14,900,000

Evaluate, engineer, and design processing and storage equipment to comply with SB 1383 mandate and enhance renewable biogas production. This project will expand sustainable onsite power generation and heat recovery.

ss2408 Biosolids Drying and Recycling Project - WQCP -Project 2

\$10,000,000

Evaluate, design, and construct equipment associated with decreased moisture content of biosolids to comply with SB 1383 mandate. Renewable products such as biochar, soil amendments, and fly ash enhancers.

ss2409 Industrial Coating Reapplication Project - WQCP and Pump Stations

\$5,000,000

Project to maintain applied industrial coatings to Plant and pump station metal assets.

ss2410 WQCP Operations Control Center Rehabilitation Project - WQCP

\$1,000,000

Project to modernize operations control center to achieve the following goals - 1) better ergonomics, 2) replacement terminals for Plant SCAEDA supervisory control and data acquisition, 3) replacement of HVAC system.

ss2411 NPDES Permit Compliance Upgrade (nutrient removal)

\$1,000,000

Participate in a regional study.

st1004 South Linden Avenue Grade Separation

\$0

Preliminary study on grade separation at railroad crossing on South Linden Avenue.

st1204 Underground Utility District-Rule 20A Spruce Avenue

\$0

Underground overhead on utilities on Spruce Ave in accordance with CPUC Rule 20A program. Evaluate feasibility of establishing additional Underground Districts.

st1301 South Airport Boulevard Bridge Replacement

\$0

The project will replace the South Airport Boulevard Bridge at North Access Road.

st1403 SSF Grand Boulevard Improvements Project (Chestnut to Arroyo) - Phase I

\$0

Improvents along El Camino Real between Chestnut Avenue and Arroyo Drive by installing enhanced pedestrian crossings with corner curb bulbouts and median refuges, expanding bus stop/waiting areas, and new landscaping in the medians.

st1502 SSF Grand Boulevard Improvements Project (Kaiser to BART) - Phase II

\$0

Improve El Camino Real between Kaiser Way and McLellan Drive by installing enhanced pedestrian crossings with corner curb bulbouts and median refuges, expanding bus stop/waiting areas, and a newly landscaped median.

st1601 Linden Ave Phase 1 Traffic Calming Improvements

\$0

TDA The City has been reimbursed 100% on eligible expenditures for TDA grant. Construction work completed. Closeout of project in progress.



ATP The Project is in construction. Requesting additional contract authority (increase of \$100K to contingency).

st1603 Caltrain Station Enhancements

\$0

The Project supports the Caltrain Station Relocation with construction of a new plaza at Grand/Airport and a new shuttle drop-off on Poletti. Construction led by JPB.

st1605 Spruce Avenue Pedestrian Improvements (Lux to Miller)

\$0

Along Spruce Avenue, from Lux Ave. to Miller Ave., this project will install edge line striping, traffic calming medians, high visibility xwalk, staggered landscaped bulbouts, and crosswalk striping

st1702 UUD Rule 20A Antoinette Lane

\$0

This project will establish an Underground Utilities District (UUD) on Antoinette Lane from Peninsula Pine Apartments to terminus. Project extends approximately 1,200 linear feet and will cost approximately \$1.3 million. Antoinette Lane adjoins...

st1703 Bridge Preventative Maintenance Program

\$520,000

This project will conduct preventative maintenance on ten (10) city bridges including: Colma Creek Bridge at Produce Avenue, Canal Bridge at Linden Avenue, two bridges over San Bruno Channel over N. Access Road, Colma Creek Bridge at Spruce Ave.,...

st1801 Grand Avenue Streetscape

\$0

Redesign Grand Avenue to accommodate wider sidewalks and an improved streetscape to support Caltrain Station access and support the retail environment of the Downtown area. Project will design improvements to Airport Boulevard and Grand Avenues...

st1804 Bridge Preventative Maintenance - Grand

\$100,000

This project will conduct preventative maintenance on Grand Avenue overpasses.

st1805 El Camino Real Gateway Signs & Medians (Noor Ave to Spruce Ave)

\$0

This project will replace the landscaped median including irrigational systems and vegetation and install a new gateway sign on El Camino Real between Noor and Spruce Avenue. The project will replicate or complement the Grand Boulevard design...

st1806 North Access Road Bike and Pedestrian Improvements

\$0

This project will widen approximately 1,000 feet of bike and pedestrian pathways on North Access Road beginning at South Airport Boulevard.

st1807 Grand Boulevard Project (Arroyo Drive to Kaiser Way) Phase III

\$0

This Project will improve El Camino Real between arroyo Drive and Kaiser Way by installing enhanced pedestrian crossings, with corner curb extensions and median refuges, expanded bus stop/waiting areas, and a new landscaped median.

st1902 3rd Street Rail Extension Feasibility

\$0

To extend the 3rd Street light rail from San Francisco to South San Francisco.

st1903 Street Rehabilitation Program FY 2018-19

\$0

Street Rehabilitation project for Fiscal Year 2018-19. Project st1705 will be closed and excess funds moved to this project. This project will rehabilitate various City streets in accordance with the City $\hat{a} \in \mathbb{T}^M$ s pavement management...

st1904 Underground Utilities District (UUD) Rule 20A for Mission Road

\$0

Establish an Underground Utility District on Mission Road from Grand Avenue to connect with underground utilities at the South San Francisco BART south entrance. Additional funding is required to replace city-owned street lighting.

This Measure A grant proposes to fund the preliminary Planning Phase and Project initiation document phase to extend Railroad Avenue easterly from South Linden Avenue/Allerton Avenue. This project provides a new east-west connection for motorists,...

st2003 Station to East Grand Bike Gap Closure

\$0

Install bikeway/bike lanes to connect the bike route from Caltrain Station to East Grand Avenue (at Grand/E.Grand). Install shared-use path, new crosswalks, and remove slip lane.

st2004 South Airport Belle Air Public Access Improvement

\$0

Per BCDC Permit, Construction for bike and pedestrian improvements leading to SF Bay Trail.

st2101 ECR Medians Improvement Project

\$0

Construct replacement of landscape median including irrigational systems and vegetation on El Camino Real between Chestnut Ave and Spruce Ave. The project will replicate or complement the Grand Blvd design concepts.

st2102 Broadband Expansion Project

\$0

The City adopted the "dig once" policy which requires public and private excavators to coordinate with the City on the installation of extra fiber or conduit whenever ground will be broken in the public right-of-way. This project will...

st2103 Pavement Management Plan - 2020 Surface Seal

\$0

This project will rehabilitate various City streets in accordance with the City's pavement management program.

st2104 Pavement Management Plan - 2020 Pavement Rehabilitation

\$0

This project will rehabilitate various City streets in accordance with the City's pavement management program.

st2105 Pavement Management Plan - 2021 Surface Seal

\$0

This project will rehabilitate various City streets in accordance with the City's pavement management program.

st2106 Pavement Management Plan - 2021 Pavement Rehabilitation

\$0

This project will rehabilitate various City streets in accordance with the City's pavement management program.

st2107 2022 West of 101 Pavement Rehabilitation

\$0

This project will rehabilitate various City streets in accordance with the City's pavement management program.

st2201 Junipero Serra Boulevard Soundwall Feasibility Study

\$0

Feasibility study for soundwall on Junipero Serra Boulevard.

st2202 Bond Portion - 2020 Pavement Rehabilitation

\$0

Bond-funded portion. This project will rehabilitate various city streets in accordance with the City's pavement management program.

st2203 Bond Portion - 2021 Pavement Rehabilitation

\$0

Bond-funded portion. This project will rehabilitate various city streets in accordance with the City's pavement management program.

st2204 Bond Portion - 2022 West of 101 Rehabilitation

\$0

2022 West of 101 Pavement Rehabilitation. (Local Funds = Bond Measure Funds)

st2301 Junipero Serra Boulevard/Westborough Boulevard Corridor Feasibility Project

\$10,000,000

The City applied for SMCTA Bike / Ped Cycle 6 grant funding to fund the planning of the Junipero Serra Blvd and Westborough Blvd Bike and Ped improvements as identified in the Active South City Plan. The City was awarded funding for the first year...

Surface Seal Zone 4 (Downtown/Old Downtown).	
st2303 Bridge Asset Management Program	\$0
Bridge Asset Management Program to proactively identify and fund city bridges.	
st2305 OBAG3 School St / Spruce Ave and Hillside Blvd Safety and Access Improvement Project	\$0
The Project would provide street and sidewalk improvements on School Street/Spruce Avenue and on Hills as part of a community-developed and supported Safe Routes to Schools program. Improvements will enhors students	
st2401 Complete Streets Improvements	\$1,000,000
Design & construct pedestrian and storm drain improvements at Elm Ct, Hillside Blvd, Park Way and Pond	erosa Rd.
st2402 2024 Street Surface Seal project	\$14,000,000
Design & construct street surface seal project as part of the Pavement Management Program (PMP) that v Zones 1 - 5, one zone each year providing a new surface seal of streets with new thermoplastic striping, leg	
tr1010 South Airport Boulevard/Utah Avenue	\$0
South Airport Boulevard/Utah Avenue.	
tr1103 Grand/East Grand (TIF #26)	\$0
Grand/East Grand (TIF #26).	
tr1402 West Orange/Centennial Way Pedestrian Beacon	\$0
This project will construct flashing beacons on West Orange Avenue at Centennial Way.	
tr1404 US-101 Produce Avenue Interchange (TIF #39)	\$0
US-101 Produce Avenue Interchange (TIF #39).	
tr1501 Junipero Serra Boulevard/King Drive Intersection Improvements	\$0
This project will install signal mast arms and a speed feedback sign, realign medians, and update island an the Junipero Serra and King Drive intersection.	id curb ramps at
tr1602 Oyster Point & East Grand Avenue Corridor Improvements	\$0
The project will design improvements at the East Grand Avenue/Gateway Avenue and East Grand Avenue/Boulevard intersections.	Forbes
tr1701 Sunshine Gardens Traffic Safety Improvements	\$0
This project will install traffic safety measures for pedestrians and bicyclist including the installation of advahigh visibility ladder crosswalks, median pedestrian refuge islands, advanced yield lines, edge lines, and ne	
tr1702 East of 101 Traffic Model Update	\$0
This project is to update the existing collection of data East of 101 Traffic Model to create new baseline.	
tr1705 Update Pedestrian and Bicycle Master Plan	\$0
This project will update the Pedestrian and Bicycle Master Plans.	
tr1801 Spruce and Commercial Signalized Intersection	\$0

HSIP Construction on-hold pending delivery of TS Mast Arm and PG&E new electrical service.

Implement an adaptive traffic control system citywide. Phase 1 will coordinate East of 101 traffic signals to and from the freeway.

tr1902 East of 101 Traffic Signal IDEA Grant

\$0

The core goals of the IDEA program are to improve travel time and travel time reliability along arterials for autos and transit vehicles, improve safety for all users, decrease emissions and fuel consumption, and improve knowledge of and...

tr1903 North Connectivity Bicycle Lanes

\$0

Construct 2.7 miles of Class II and III bike lanes on Hillside Blvd, Oyster Point, Gull Drive, and East Grand.

tr1904 Miscellaneous Traffic Improvements

\$0

Misc. Studies, TAC Reviews and implementation costs to meet Council/CM and public request.

tr1905 Littlefield Avenue Extension Feasibility Study

\$0

This project will study the feasibility to add new connections to Interstate 380 (I-380) via Littlefield Avenue and North Access Road. A new connection to I-380 provides additional access to Highway 101 and Interstate 280 to the west. The existing...

tr1906 Hillside & Lincoln

\$0

Design and install a traffic signal and associated pedestrian improvements and Hillside and Lincoln.

tr1907 South Connectivity Bicycle Lanes

\$0

Construct 0.72 miles of class III and 0.78 miles of class II bike lanes on S. Airport and Harbor Way.

tr2001 West Orange and Hillside Pedestrian Crossing Improvements

\$0

Install flashing beacons and high visibility crosswalks on West Orange and Hillside.

tr2002 Smart Corridor

\$0

Implementation of Intelligent Transportation System (ITS) along segment of 101 corridor north of I-380.

tr2102 E.Grand/DNA/Allerton Project

\$0

DNA Way & Allerton Ave at E.Grand signal.

tr2103 Local Road Safety Program (LRSP)

\$0

For operational improvements as shown in the Traffic Impact fee Study Update East of 101 Area

tr2104 East of 101 Bicycle Safety Improvements

\$0

The Project is funded through C/CAG TFCA funding and proposes to improve safety and traffic flow by providing detection upgrades which would include a bicycle detection system along E Grand Ave. and Forbes Blvd.

tr2201 Grand Avenue Off-Ramp Realignment (Caltrain East Access)

\$0

Preliminary Study Report to evaluate the feasibility of re-aligning the Grand Avenue Off-Ramp.

tr2202 HSIP Curb Ramps

\$0

Curb Ramps in Zone 4 - In Advance of the 2022 Pavement Rehab Project.

tr2203 E 101 Transit Shelter and Bulbout Grant from MTC

\$0

The project would provide new bus stops in South San Francisco's biotechnology hub to enable more efficient shuttle operations and expanded SamTrans service in the area. This project would add 11 new on-street bus/shuttle stops,...

Design & construct any traffic related improvements in the City, such as striping, signs, and other traffic calming measures from the Traffic Advisory Committee, Neighborhood meetings or as needed.

tr2302 Right of Way Infrastructure Assessment and Upgrades

\$0

This project will complete the previously paused infrastructure inventory and assessment, and upgrade all the traffic signal backplates to current standard with high visibility borders.

tr2401 Airport Boulevard Bike/Ped Gap Closure Study

\$300,000

Support for feasibility studies as needed to complete bike/ped network, and support for grant applications.

tr2402 El Camino Real Bik/Ped Improvements

\$300,000

Support for studies to implement Active South City recommendations on El Camino Real and connections to Centennail Trail.

tr2403 Traffic Signal Safety Improvements Project

\$500,000

Design & Construct new traffic signals at the intersection of Junipero Serra Blvd/Arroyo; Signal improvements/modifications at the intersections of Grand Ave/Spruce Ave, Grand Ave/Maple, Grand Ave/Linden Ave; and install retroreflective...

tr2404 Chestnut Ave & Commercial Ave Intersection Improvement Project

\$300,000

Design & construct new traffic signals at the intersections to improve pedestrian safety. The improvements include the removal of the "slip lane" and concrete island at the southeast corner that currently provides a free right turn...

tr2405 Citywide School Traffic Calming Improvement Project

\$600,000

Design & construct traffic calming improvements at grades Kindergarten through 12 schools, including 15mph speed reduction.

tr2406 Traffic Studies and Grant Support

\$1,100,000

Support for any traffic-related studies from the Traffic Advisory Committee, Neighborhood meetings or as needed, and support for grant applications as needed.

tr2407 Bay Trail - Centennial Way Trail Gap Closure

\$100,000

A feasibility study to create a Class I trail connecting the Centennial Way Trail and Bay Trail. The project seeks to link the City's two largest multi-use trails, enable a low-stress bikeway connection to the waterfront, and enhance...

tr2408 Signalized Intersection Battery Back up Citywide

\$2,000,000

Upgrade signalized intersection Citywide with Battery Backup Systems. Approximately 50 intersections in the City are without BBS.

tr2409 Oyster Point Blvd - Corridor Study to support Bike/Ped and Complete Streets

\$100,000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.

tr2410 Spruce Avenue - Corridor Study to support Bike/Ped and Complete Streets

\$100,000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.

tr2411 Gateway Boulevard - Corridor Study to support Bike/Ped and Complete Streets

\$100,000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.

tr2412 Forbes Boulevard - Corridor Study to support Bike/Ped and Complete Streets

\$100.000

Support for feasibility studies as needed to complete bike/ped network, transit, and support for grant applications.



Install bike and pedestrian signalized intersection at ECR @ 1st and connect the gap to Centennial Trail at 1st Street to set up for grant funding.

Total: \$130,299,601

APPENDIX