

2022 CIP Status Report

Core Infrastructure Programs

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Annual Street Rehabilitation Program (CIP No. 21000)

Background

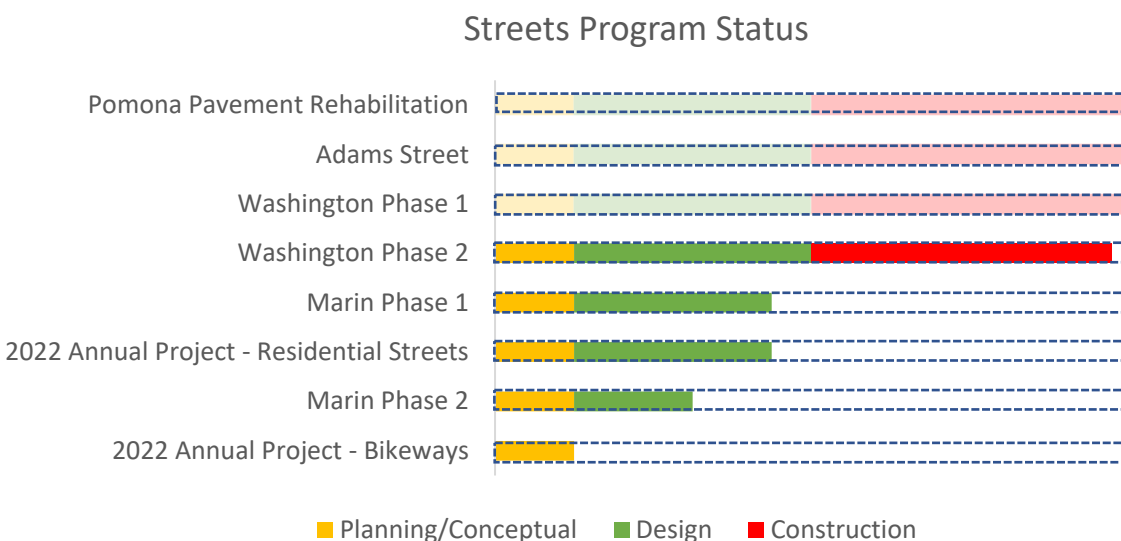
The City of Albany currently maintains 29.6 centerline miles of roads. Albany streets are primarily asphalt pavement, except along designated truck routes, where streets designed for truck loading rely on concrete pavement or base. The program encompasses the CIP activities the City undertakes to maintain and improve roadway conditions. In addition to maintenance and rehabilitation, projects in this program include upgrades to intersections to bring curb ramps into compliance with ADA standards and incorporation of transportation elements, where feasible.

Evaluation of city-wide street condition trends are performed biennially and presented in the form of a Pavement Management Plan (PMP). Individual roadway segments are assessed and given a Pavement Condition Index (PCI) which is then aggregated into a City-wide index. Staff last presented an update to the PMP to the Council in March 2020, which informed paving projects currently in planning, design, and construction phases or completed since that time. The 2022 update to the PMP was completed in late April 2022 and will be presented to the Transportation Commission in advance of the next update to the CIP.

The projects in this program are generally based on a two-year planning and design cycle with exceptions for projects requiring greater coordination and advisory body deliberations. Street condition indexes are just one of the many criteria involved in selection and prioritization of projects. Other criteria include planned underground utility work by other agencies, related discrete CIP projects, public safety, and legal concerns.

Program Status

The City has completed two pavement rehabilitation projects and three repair projects since adoption of the CIP update in November 2020 totaling approximately 2.9 acres of new pavement.

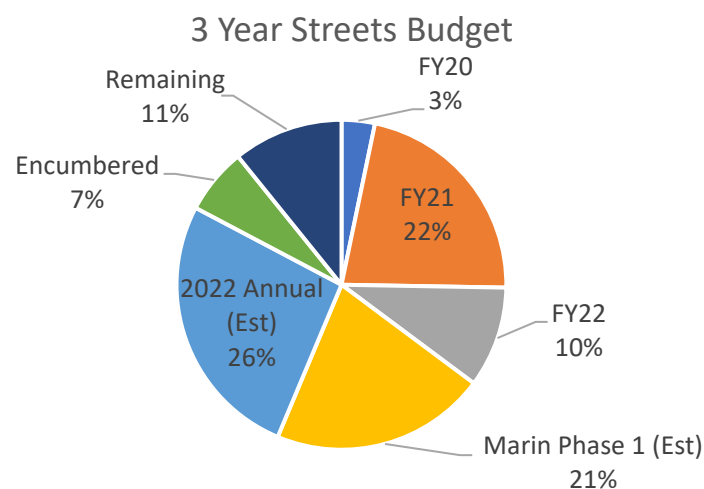


Paving maintenance and rehabilitation projects completed and in progress since the adoption of the CIP in November 2020 include:

PROJECTS	DETAILS
Pomona Pavement Repairs	Completed November 2020 (20,000 square feet of paving)
Adams Street Pavement Project	Notice of Completion: December 2021 (22,000 square feet of paving)
Washington Avenue Pavement – Phase I	Notice of Completion: December 2021 (50,000 square feet of paving)
Buchanan/Jackson Crosswalk Repair	Completed April 2022 Concrete Road Repair & Crosswalk Renewal
Washington Avenue Pavement – Phase II	95% Complete April 2022 (36,000 square feet of paving)
2022 Annual Pavement Project	90% design Planned construction: Fall 2022
Marin Avenue Pavement Project	90% design. Planned construction: Fall/Winter 2022

Budget Status

At the time of this report, \$3.9 million of the appropriated \$8.85 million three-year budget has been spent or encumbered to date. Staff expect that projects going into construction in the next 1-3 years will quickly encumber the remainder of this budget. Funding sources include State SB1/RMRA allocations, regional Measure B/BB/VRF direct local distributions, and local Measure F Street & Storm Drain Tax revenues.



Annual Sewer Rehabilitation Program (CIP No. 32000)

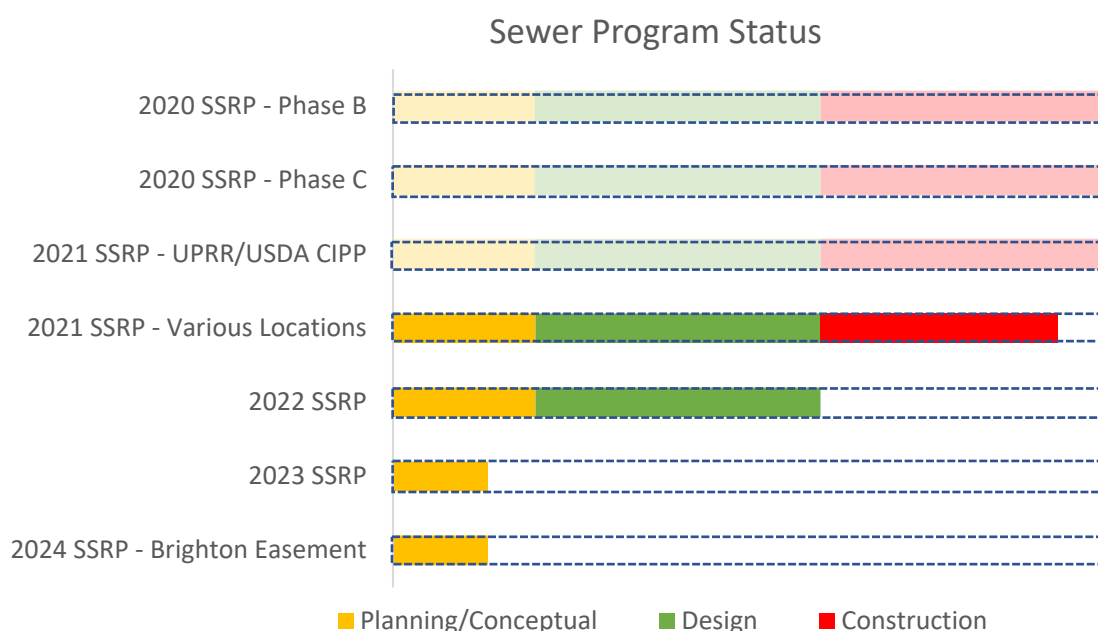
Background

The City owns and maintains approximately 34 miles of sewer main and 14 miles of lower sewer laterals. In 2014, the City of Albany, along with seven other East Bay cities and agencies, entered into a Consent Decree (CD) with the US Environmental Protection Agency, et. al, which requires rehabilitation of at least 5,706 linear feet of sewer main per year.

The program is focused on reduction of inflow and infiltration into the sewer and reducing overflows. Most inflow and infiltration occurs in vitrified clay pipe with cement mortar joints. Pipes of this material are in deteriorated condition, with joint offsets and pipe fractures which allows root intrusion and inflow & infiltration into the sewers. These defects increase the risk of a major structural failure or blockage and contribute to sanitary sewer overflows. In addition to replacement of clay sewers, the program relies on a Sewer Master Plan to evaluate system-wide improvements. Projects in this program are generally developed around two-year design and construction cycle though forthcoming projects are anticipated to increase in complexity, requiring longer project delivery schedules.

Program Status

Albany is currently in compliance with the Consent Decree and sanitary sewer rehabilitation projects (SSRPs) completed and in progress this fiscal year are projected further deliver 8,400 linear feet of rehabilitation total. Completion of this work is anticipated to build approximately half of the program goal of maintaining a one-year buffer to the US EPA consent decree annual compliance requirements.

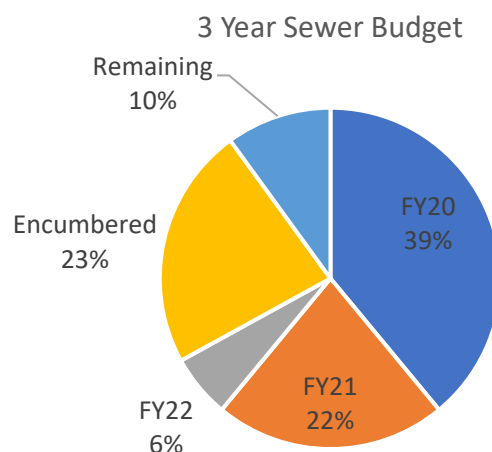


Sanitary Sewer Rehabilitation Projects (SSRPs) completed or in progress since the November 2020 CIP adoption include:

PROJECTS	DETAILS
2020 SSRP – Phase B	Completed April 2021 (5146 linear feet of Sewer Main)
2020 SSRP – Phase C	Completed October 2021 (321 linear feet of Sewer Main)
2021 SSRP – UPRR/USDA CIPP	Substantially Complete Nov. 2021 (1128 linear feet of Sewer Main)
2021 SSRP – Various Locations	80% complete. Anticipated completion: July 2022.
2022 SSRP – Various Locations	Design complete. Planned construction: Summer/Fall 2022
2023 SSRP – Various Locations	Planning ongoing. Planned construction: Summer 2023
2024 SSRP – Brighton Easement	Planning ongoing. Planned construction: Summer 2024

Budget Status

The Annual Sewer Rehabilitation Program relies on Sewer Enterprise Fee revenue for systematic capital improvements in line with requirements of the USEPA Consent Decree. At the time of this report, \$11.9 million of the appropriated \$13.3 million three-year program budget has been spent or encumbered to date.



Annual Sidewalk Rehabilitation Program (CIP No. 22000)

Background

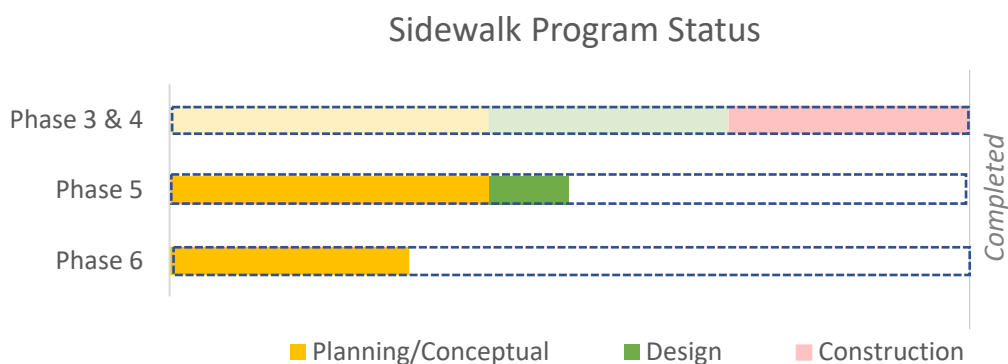
The City currently maintains approximately 50 miles of sidewalks. In the State of California, sidewalk repair and maintenance is the responsibility of the adjacent property owner (CASHC §5600 et seq.). In November 2016, Albany voters passed the Measure P1 Sidewalk Parcel Tax, which accompanied the City's [Sidewalk Repair Policy](#).

The program relies on a 5-year cycle of condition assessment through a sidewalk survey, followed by project planning, development, construction, and evaluation. The first sidewalk survey was completed in Spring 2021 and, starting with the Phase 5 project, the results of that assessment will be used to identify locations in need of repair.

Prioritization for the repairs follow the City's Sidewalk Repair Policy and focuses on locations which provide the most benefit to the community at large by improving key parts of the City's pedestrian infrastructure. Program criteria, along with the resulting locations of repair, are presented to Transportation Commission during project development. Current criteria include special access needs, critical areas with no best path of travel, and pedestrian safety concerns. Separate from criteria, sidewalk repair projects also evaluate the cause of the damage and include necessary tree work or sidewalk diversions at tree wells to reduce or slow future damages to sidewalk by trees, where possible.

Program Status

The City has completed two phases of sidewalk repairs under this program since the last CIP update in November 2020. These two phases include 107 locations and over 16,000 square feet of sidewalk repairs under Phase 3 & Phase 4. Phase 5 is scheduled to call for bids in May 2022 with construction projected to start later in the summer. Further information can be found on the City's Sidewalk Repair Program [webpage](#).

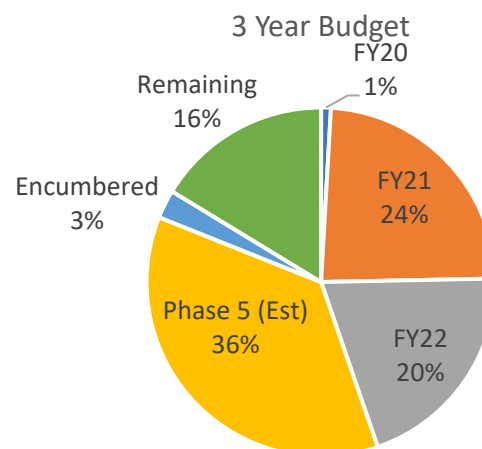


Sidewalk Rehabilitation Program projects completed and in progress since the November 2020 CIP adoption include:

PROJECTS	DETAILS
Sidewalk Repair Phase 3 Project	Completed November 2020 48 Locations
Sidewalk Repair Phase 4 Project	Completed July 2021 61 Locations
Sidewalk Repair Phase 5 Project	Design complete. Planned construction: Summer 2022
Sidewalk Repair Phase 6 Project	Design ongoing. Planned construction: Fall 2022
Sidewalk Repair Phase 7 Project	Planning ongoing. Planned construction: Spring 2023

Budget Status

The Annual Sidewalk Rehabilitation Program relies on Measure P1 Sidewalk Parcel Tax funding for City-directed repairs. At the time of this report, approximately \$391,000 of the appropriated \$826,000 three-year budget has been spent or encumbered to date. Phases 5 and 6 are projected to utilize the bulk of the remaining budget.



Annual Storm Drain Rehabilitation Program (CIP No. 35000)

Background

The City storm drain system consists of approximately 12 miles of storm drain pipelines and culverts. The City's storm drain system was largely built in the 1920s and 1930s in conjunction with the development of residential neighborhoods and the original engineering did not take future upstream development into consideration in sizing the storm drain system.

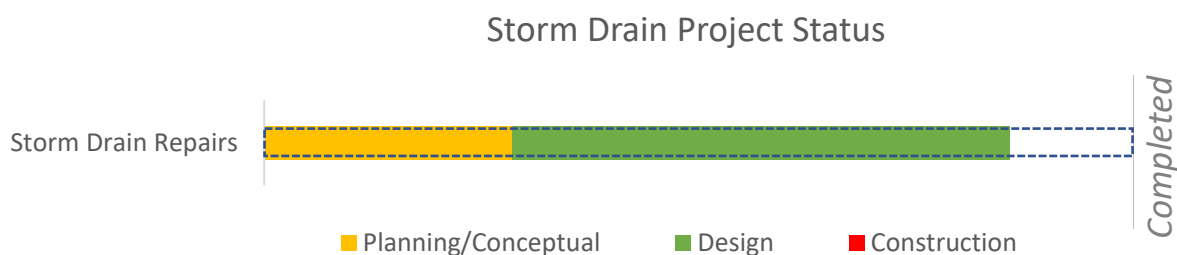
These storm drains are now approaching a century in age and need repair, rehabilitation, and/or capacity improvements. A 2015 storm drain assessment identified approximately four miles of storm drains with apparent capacity limitations and an additional one mile of storm drains that were modeled to have adequate capacity but were observed to be damaged during field inspections and require repairs.

Projects under this program currently focus on localized storm drain repairs. Larger rehabilitation will require evaluation of the current condition of the drainage systems that drain the City into its creeks as part of a planned update to the City's 1998 Watershed Management Plan. The update will then guide decision making in development of a Storm Drain Master Plan that will be incorporated in future CIP updates.

The City operates the storm drain system under the requirements of the Municipal Regional Stormwater Permit (MRP). An update to the existing MRP (MRP 3.0) has been drafted by the Region 2 – San Francisco Bay Regional Water Quality Control Board (RWQCB) and is anticipated to go into effect on July 1, 2022. Elements of MRP 3.0, such as trash capture and green infrastructure projects, will be incorporated into the future update to the Watershed Management Plan.

Program Status

The planned update to the City's Watershed Management Plan was not completed due to limited staff resources resulting from the Covid-19 pandemic. As project identification and prioritization largely depended on the Watershed Management Plan update, the storm drain program was limited to maintaining the existing stormwater system. The Watershed Management Plan is currently scheduled for update starting in 2022, which will inform the next several years of projects to rehabilitate and upgrade the City's stormwater infrastructure.



Storm drain projects in progress since the adoption of the CIP in November 2020:

PROJECTS	DETAILS
<i>Annual Storm Drain Rehabilitation Program (CIP No. 22000)</i>	
Storm Drain Repair Project	50% design. Planned construction: Spring 2023

Budget Status

Improvements to the Citywide stormwater system are made possible by stormwater fees as well as revenues from the Measure F Street & Storm Drain tax. At the time of this report, approximately \$20,000 of the appropriated \$750,000 has been spent or encumbered to date. The 2022 Storm Drain Repair project is projected to use an additional 40% of the appropriated budget.

3 Year Storm Drain Budget

