

SSIP PHASE 1 PROGRAM EXECUTIVE SUMMARY

APRIL - JUNE 2020

Southwest Community Center at 1550 Evans Avenue: Welding steel piles.



COMMUNICATIONS

APRIL - JUNE 2020

In the News

- Ten (10) media mentions of SSIP-related projects, including stories on: coronavirus leading to a spike in sewer clogs, utilizing green infrastructure as a stormwater solution, announcement of WIFIA loan for wastewater upgrades, and the start of construction for the Force Main Rehabilitation at Embarcadero and Jackson Project
- Over **283,000+** impressions were recorded this quarter through social media outlets (Facebook, Twitter, Instagram, YouTube, Nextdoor, and LinkedIn), SSIP webpage views, and community meeting attendees

Highlights of Conducted Outreach

- April - Notice to stakeholders in communities with projects across San Francisco providing an update on the pause or continuation of work as a result of shelter in place ordinance
- Notice to residents, businesses, and community organizations for the start of construction on Sansome Combined Sewer Discharge Rehabilitation and Backflow Prevention Project
- Monthly citywide and D10 focused email newsletters to 4,500+ recipients providing information on the status of construction projects as they relate to shelter in place ordinance, the SFPUC Community Assistance Program providing discount on water and sewer bills, grants available to small Bayview businesses, and other community resources such as job trainings and workshops
- Southeast Construction Updates Email - bi-weekly email newsletters to 500+ recipients providing construction updates on projects underway at the Southeast Treatment Plant and progress on the new Southeast Community Center at 1550 Evans
- Force Main Rehabilitation at Embarcadero and Jackson Project - delivered construction notices and performed outreach via email and phone to residents, businesses, and community organizations in the project area to notify on start of construction in June

Upcoming Outreach Events

- August 12th - Virtual Explorations - Wastewater 101: virtual explorations of the water, power, and sewer system that serves our San Francisco and Bay Area customers on Wednesdays at 1 pm
- September - Virtual public scoping meeting for Ocean Beach Climate Change Adaptation Project's Notice of Preparation to gather public comment on environmental review process
- September 2nd - Virtual Explorations - Fixing an Airplane While It's in Flight: take a tour of the multi-billion-dollar Sewer System Improvement Program, a citywide investment in the future of our critical sewer system infrastructure that protects public health the environment 24/7/365. See firsthand the work being done to ensure a reliable, resilient and sustainable system for current and future generations
- October - Preconstruction outreach to residents in the Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement project area



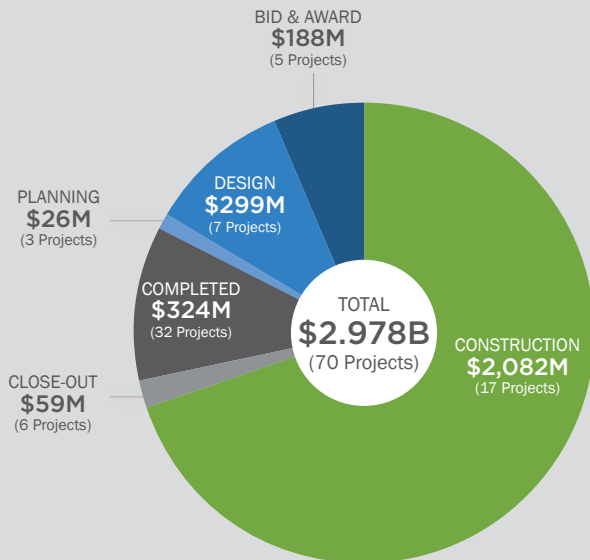
Services of the San Francisco
Public Utilities Commission

**SEWER
SYSTEM**
IMPROVEMENT PROGRAM
Grey. Green. Clean.

PHASE 1 METRICS

AS OF JUNE 2020

Projects by Phase



Percent Complete

46%



RECENTLY ADVERTISED & UPCOMING CONTRACTS

- Ongoing: WW-628, SEP New Headworks Facility Project, Various Trade Packages <https://secure.smartbidnet.com/LAPW>
- Ongoing: WW-647R, SEP Biosolids Digester Facilities Project, Various Trade Packages [https://mwhconstructors.com/sfpuc_biosolids_project/\[mwhconstructors.com\]](https://mwhconstructors.com/sfpuc_biosolids_project/[mwhconstructors.com])
- Ongoing: WW-667 Mariposa Dry-Weather Pump Station Improvements
- March 2020: WW-702, Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention, \$4M-\$5M
- March 2020: WW-645R & WW-685R, RFQ for Selected Wastewater Pump Stations, WW-645R:\$50-\$55 / WW-685R: \$28M-\$32M
- April 2020: Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades, \$29M-\$34M
- Begin WW-683 Sansome Street CSD Rehabilitation
- Begin WW-687 Force Main Rehab at Embarcadero and Jackson Streets
- Re-commence WW-627R Baker Beach Green Streets
- Re-commence WW-691 Sunset Boulevard Greenway
- Notice of Preparation issue for Ocean Beach Climate Adaption Project in summer
- 100% Design WW-645R Westside Pump Station Reliability Project September 2020, Bid/Award October 2020

KEY UPDATES

APRIL - JUNE 2020

Programmatic

- Launched ninth annual CityWorks Summer Internship Program offering 20 students from Bayview – Hunters Point community important exposure to groundbreaking careers
- Finalized a new US EPA Water Infrastructure Finance and Innovation Act (WIFIA) loan of \$525 million for Southeast Treatment Plant Improvements
- Refinanced the Biosolids Digester Facilities Project \$699 million WIFIA loan agreement to reduce interest rate from 3.09% to 1.84%
- Continued extensive remote work practices and in-depth review of construction activities including site-specific health and safety protocols in response to Shelter-in-Place Public Health Order

Biosolids Digester Facilities Project (BDFP)

- Provided Commission with update on Biosolids Digester Facilities Project
- Advertised bid package for excavation/dewatering/shoring/foundation work in April
- Continued to evaluate construction cost impacts associated with current market conditions and explore design and construction approaches to mitigate cost and schedule impacts

SEP New Headworks Facility Project

- Scope I final completion achieved May 1, 2020
- Scope III (Main Headworks) - Work Release approved, drill rigs mobilized, and test piles initiated

Southeast Treatment Plant (SEP)

- Determined list of qualified bidders (from RFQ) for WW-662R SEP Power Feed and Primary Switchgear Upgrades
- Contractor performed onsite training for WWE staff for SEP 521 Instrumentation and Controls

North Point Wet Weather Facility (NPF)

- Issued RFQ for construction services for WW-685R North Shore Pump Station Wet Weather Improvements

Collection System Reliability

- Started concrete pour and foundation work for WW-667, Mariposa Dry-Weather Pump Station Improvements
- Started construction for WW-687, Force Main Rehab at Embarcadero and Jackson Streets
- Started construction on WW-683R Beach and Sansome Street CSD Rehabilitation
- Opened bids for WW-702 CSD Backflow Prevention and Monitoring
- Issued RFP for WW-700 As-Needed Sewer Cleaning and Inspection

Stormwater Management

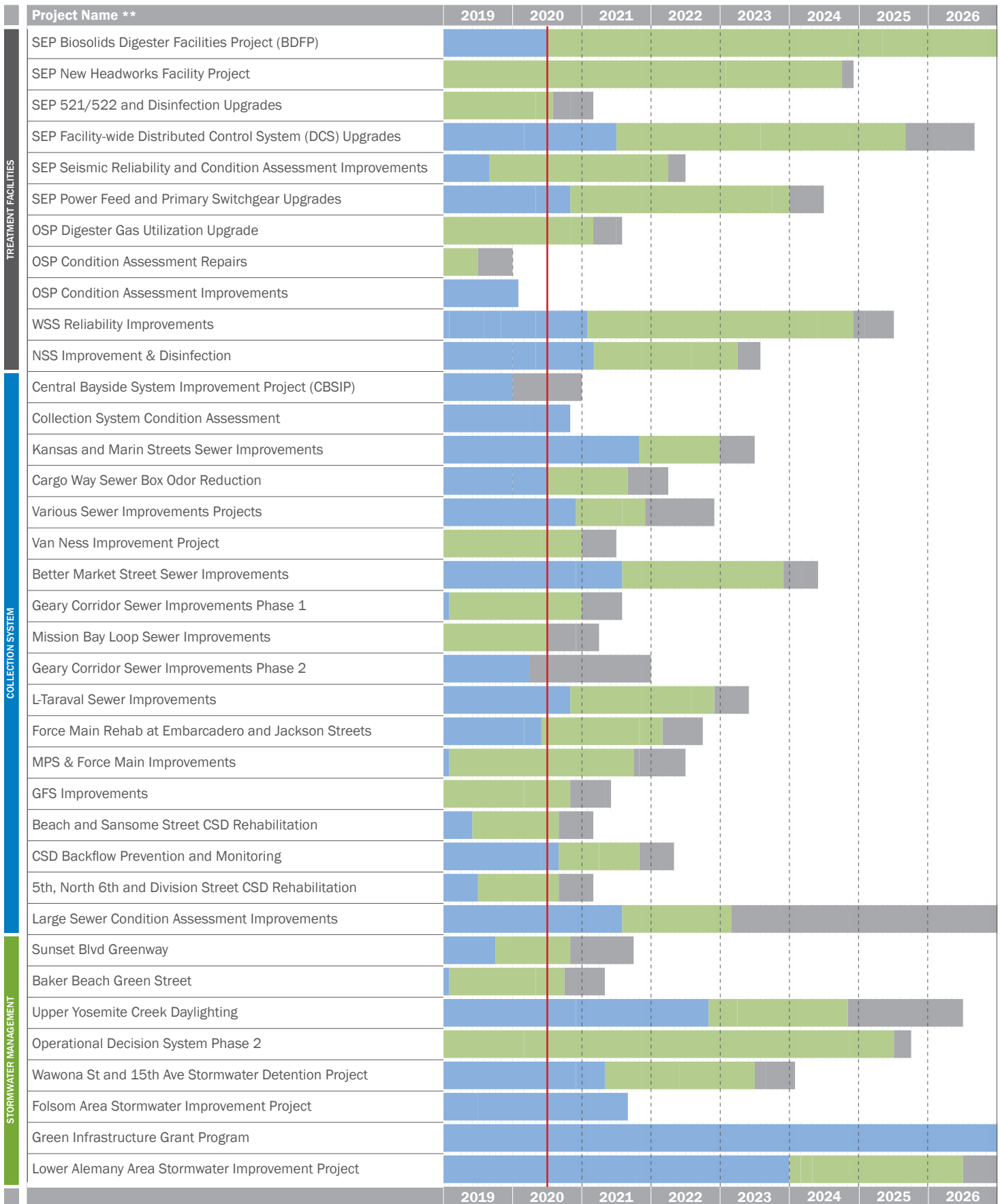
- Awarded Green Infrastructure Grants to Lycee Francais de San Francisco and Holy Trinity Greek Orthodox Church

Interdepartmental

- Completed all 20,000 linear feet of new sewer installation for the Van Ness Rapid Transit Project

KEY SSIP PHASE 1 CAPITAL PROJECTS

AS OF THE WWE QUARTERLY REPORT, APRIL - JUNE 2020



Project Phases: ■ Planning - Bid & Award ■ Construction ■ Close-out

**Completed Projects Not Shown

CONSTRUCTION PHOTOS



OSP Digester Gas Utilization Upgrade: gas tank demolition



Mariposa Pump Station Improvements Project: Concrete pour for foundation of pump station



Sunset Boulevard Greenway: rain garden

LOOKING AHEAD

JULY - SEPTEMBER 2020

Programmatic

- Install Headworks Construction Art Fence developed by artist Sirron Norris resulting from partnership with the San Francisco Arts Commission (SFAC)
- Host Virtual Exploration Tour highlighting the SSIP, Fixing an Airplane While it's in Flight, on September 2

Biosolids Digester Facilities Project (BDFP)

- Approve work release for excavation/dewatering/shoring/foundation work in July
- Initiate focused public outreach for temporary closure of Jerrold Avenue, anticipated January 2021

SEP New Headworks Facility Project

- Scope II.A (BFS Upgrades) – Continue pump station acceptance testing and ancillary equipment performance testing
- Scope III (Main Headworks) – Complete test piles and initiate drilled piers installation

Southeast Treatment Plant (SEP)

- Award construction contract WW-662R for SEP Power Feed and Primary Switchgear Upgrades

North Point Wet Weather Facility (NPF)

- Finalize list of pre-qualified contractors from RFQ and advertise contract for WW-685R North Shore Pump Station Wet Weather Improvements

Collection System Reliability

- Execute Memorandum of Understanding with San Francisco Public Works related to Kansas and Marin Streets Sewer Improvements
- Issue NTP for WW-696 Cargo Way Sewer Box Odor Reduction Project
- Award contract for WW-702 CSD Backflow Prevention and Monitoring

Stormwater Management

- Complete installation and grading of rain gardens and commence planting for Sunset Boulevard Greenway Project
- Achieve substantial completion of Baker Beach Green Street
- Issue RFP for green infrastructure engineering services for the Yosemite Creek Daylighting Project

For more information, visit: sfwater.org/ssip

