

# SSIP PHASE 1 PROGRAM EXECUTIVE SUMMARY

JULY - SEPTEMBER 2020

Southeast Wastewater Treatment Plant: Biosolids Digester Facilities Project: 36-Inch Sewer Relocation Pile Foundation. Excavation.



## COMMUNICATIONS

JULY - SEPTEMBER 2020

### In the News

- **Six (6) media mentions of SSIP-related projects**, including stories on: WIFIA loan for wastewater upgrades, SFPUC's Virtual Exploration Webinar series offering virtual tours, upgrades at the Southeast Treatment Plant, and bicycle safety detours as part of the Force Main Rehabilitation at Embarcadero and Jackson Project

### Highlights of Conducted Outreach

- **Monthly citywide and District 10 focused email newsletters** to 4,500+ recipients providing information on the status of construction projects, the SFPUC Community Assistance Program, grants available to small Bayview businesses, and other community resources
- **Southeast Construction Updates Email** - bi-weekly email newsletters to 500+ recipients providing construction updates on projects underway at the Southeast Treatment Plant and the new Southeast Community Center at 1550 Evans, including the planning for the January 2021 closure of Jerrold Avenue between Rankin and Phelps Streets
- **Force Main Rehabilitation at Embarcadero and Jackson Project** - ongoing coordination with Supervisor Peskin's office and local community to develop and implement safe bicycle detour options through project site
- **August** - project completion outreach and notification for the Baker Beach Green Streets project
- **August** - noticed for start of construction on the Cargo Way Sewer Box Odor project
- **September 12** - "Fixing and Airplane While Its in Flight" Virtual Explorations webinar on the vital upgrades being implemented as part of the Sewer System Improvement Program
- **September 21-25** - celebrate United for Infrastructure Week with content shared across online accounts promoting flood resiliency projects and grants, worker profiles, and major project updates
- **September** - community meeting with Supervisor Stefani and residents of the Baker Beach Green Streets project to coordinate on additional traffic control measures at recently completed green infrastructure project site
- **September** - virtual public scoping meeting for Ocean Beach Climate Change Adaption Project's Notice of Preparation to gather public comment on environmental review process

### Upcoming Outreach Events

- **October** - notice to Southeast Community residents in the project area of the Biosolids Digester Facilities Project of the upcoming closure of Jerrold Avenue between Rankin and Phelps Streets
- **December** - virtual project briefing and construction notice mailer for the Mission Brick Sewer Rehabilitation Project
- **Project update notification and preconstruction outreach** as part of the 15th and Wawona and Vicente Streets Water and Stormwater Improvements project
- **Project outreach and notification** for completion of the Sunset Boulevard Greenway project



San Francisco  
**Water**  
**Power**  
**Sewer**

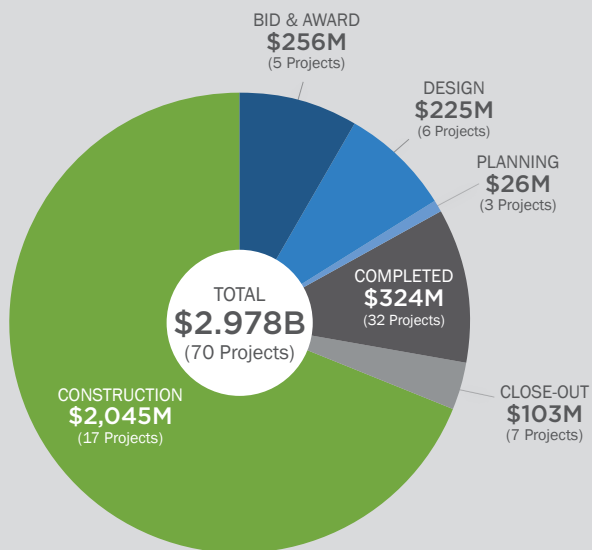
Services of the San Francisco  
Public Utilities Commission

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

## PHASE 1 METRICS

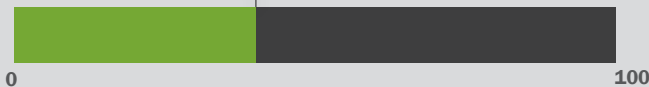
AS OF SEPTEMBER 2020

### Projects by Phase



### Percent Complete

46.4%



## 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/sfuc\\_biosolids\\_project/\[mwhconstructors.com\]](https://mwhconstructors.com/sfuc_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 November 2020

## KEY UPDATES

APRIL - JUNE 2020

### Programmatic

- Installed Headworks Construction Art Fence developed by artist Sirron Norris resulting from partnership with the San Francisco Arts Commission (SFAC)
- Hosted Virtual Exploration Tour highlighting the SSIP, Fixing an Airplane While it's in Flight, on September 2
- Hosted site visit and tour of Southeast Treatment Plant construction and proposed detour route for Jerrold Avenue temporary construction closure with Commission President Sophie Maxwell

### Biosolids Digester Facilities Project (BDFP)

- Completed demolition of existing structures and approved work release for excavation/dewatering/shoring/foundation work in July

### SEP New Headworks Facility Project

- Conducted pre-bid meetings for Process Piping, HVAC, Ductwork, and Demolition
- Scope III (Main Headworks) – Completed 30% of drilled pier installation

### Southeast Treatment Plant (SEP)

- Awarded construction contract WW-662R for SEP Power Feed and Primary Switchgear Upgrades
- Completed dry weather season rehabilitation (i.e., cleaning, surface preparation and coating) of SEP 540 (Plant Effluent Control Structure) and SEP 044 (Conduits C, D & E)

### Collection System Reliability

- Achieved substantial completion on Griffith Pump Station Improvements Project
- Advertised WW-645R Westside Pump Station Reliability Improvements contract, completed pre-bid conference and job walk
- Issued NTP and began construction for WW-696 Cargo Way Sewer Box Odor Reduction Project
- Awarded contract for WW-702 CSD Backflow Prevention and Monitoring
- Advanced several large diameter sewer rehabilitation projects to Design Phase: Oak, Fell, Cole, Stanyan Streets & 7th Avenue Large Sewer Rehabilitation; Tenderloin and Nob Hill Large Sewer Rehabilitation

### Stormwater Management

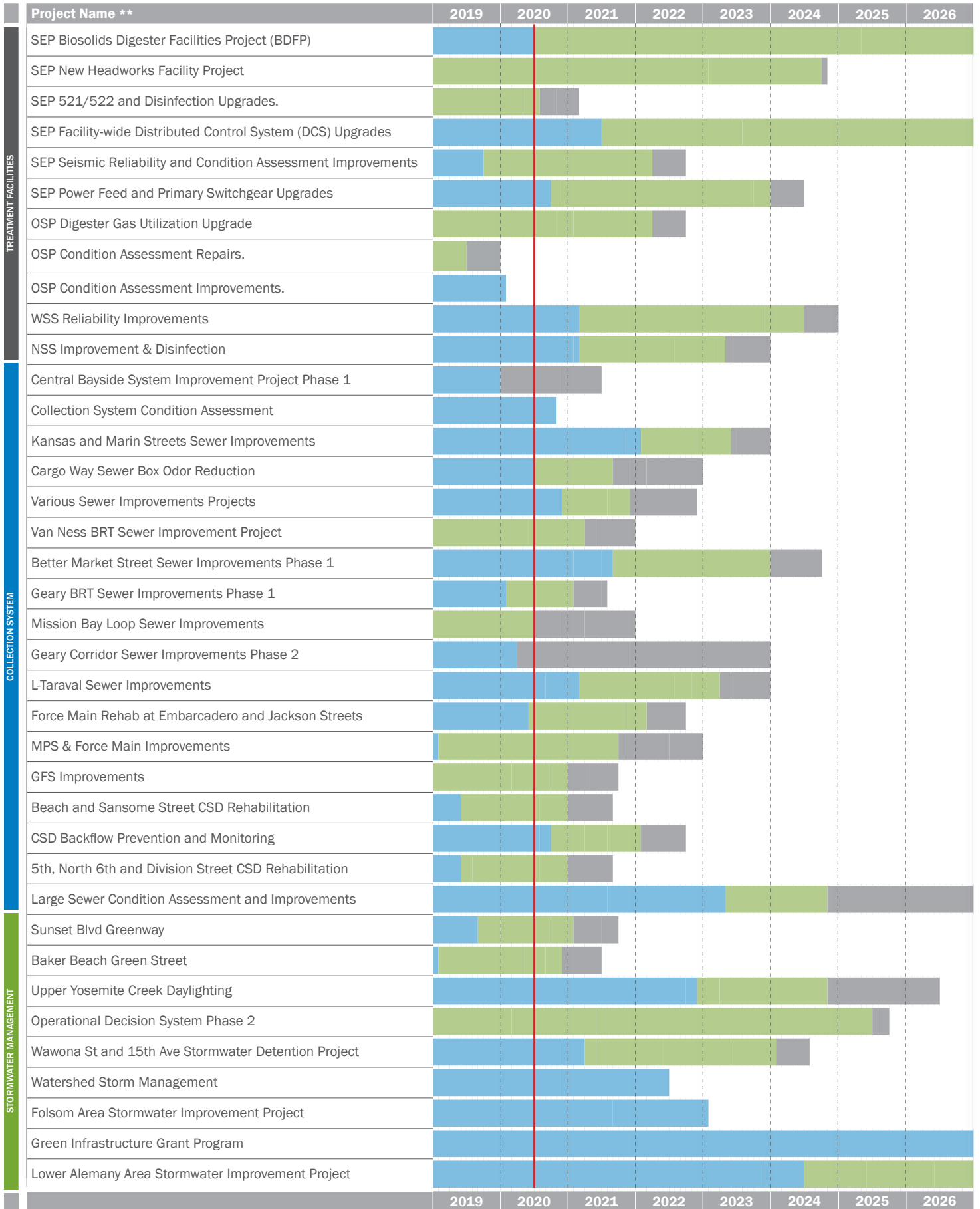
- Achieved substantial completion of Baker Beach Green Street

### Interdepartmental

- Completed all new sewer installations for Van Ness Corridor Improvement Project
- Completed sewer work for L-Taraval Improvement Project Segment A

# KEY SSIP PHASE 1 CAPITAL PROJECTS

AS OF THE WWE QUARTERLY REPORT, JULY - SEPTEMBER 2020



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

\*\*Completed Projects Not Shown

## CONSTRUCTION PHOTOS



**Southeast Wastewater Treatment Plant: Channel in Building 540** for effluent discharge to the booster station at Islais Creek. Superintendent, Bay Engineering, LLC, Matt Cox, examines cracks in the concrete that need grouting before the coating is applied.



**Mariposa Pump Station Improvements Project: Concrete pour** for first floor of pump station.



**Sunset Boulevard Greenway: View of planter** at 37th Avenue and Judah Street. Flags represent the variety of plants that will be planted in the rain garden.

## LOOKING AHEAD

OCTOBER - DECEMBER 2020

### Programmatic

- Initiate rebaselining of the program in conjunction with revised 2-year capital budget and 10-year capital plan
- Host 14th Annual Contractor's Breakfast highlighting the partnership between the SFPUC and the contracting community
- Participate in the 7th Annual Women in Construction Expo in collaboration with National Association of Women in Construction (NAWIC) and Women Construction Owners and Executive (WCOE)
- Participate in Infrastructure Virtual Town Hall to share updates and planning priorities with staff and answer questions

### Biosolids Digester Facilities Project (BDFFP)

- Complete planning and approval for Jerrold Avenue temporary construction closure (January 2021); announce date of closure and engage directly with community

### SEP New Headworks Facility Project

- Achieve substantial completion of Scope II.A Bruce Flynn Pump Station Improvements
- Initiate second round of annual public art programming for temporary construction fence in partnership with San Francisco Arts Commission

### Southeast Treatment Plant (SEP)

- Authorize contractor to commence work WW-662R for SEP Power Feed and Primary Switchgear Upgrades

### North Point Wet Weather Facility (NPF)

- Advertise contract for WW-685R North Shore Pump Station Wet Weather Improvements

### Collection System Reliability

- Open bids for WW-645R Westside Pump Station Reliability Improvements contract
- Execute Memorandum of Understanding with San Francisco Public Works related to Kansas and Marin Streets Sewer Improvements
- Authorize Notice to Proceed for WW-702 CSD Backflow Prevention and Monitoring
- Advertise contract for New Montgomery, Mission, Jessie & Minna streets Brick Sewer Rehabilitation Project

### Stormwater Management

- Complete construction of grant funded green infrastructure at Lafayette Elementary School and Bessie Carmichael Middle School
- Achieve substantial completion for Sunset Boulevard Greenway Project
- Achieve final completion of Baker Beach Green Street
- Issue RFP for green infrastructure engineering services for the Yosemite Creek Daylighting Project
- Advertise construction contract for WW-711 Wawona Area Stormwater Improvement and Vicente St. Water Main Replacement Project
- Identify preferred alignment for the Folsom Area Stormwater Improvement Project and restart tunnel component design

### Interdepartmental

- Complete sewer scope of work for Van Ness Corridor Improvement Project

For more information, visit: [sfwater.org/ssip](https://sfwater.org/ssip)

