



Services of the San Francisco
Public Utilities Commission

SEWER SYSTEM

IMPROVEMENT PROGRAM

Grey. Green. Clean.

Sewer System Improvement Program

WW-711 Wawona and Vicente Street Stormwater and Water Main Replacement

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May 10, 2021

Our Combined Sewer System

959 Major, Local, & Brick Sewers

52 Transport/Storage, Tunnels
Force Mains, Outfalls

3 Treatment Facilities

1,011 Total Miles of Sewers

25,000 Catch Basins

North Point Wet Weather Facility



WESTSIDE

BAYSIDE

Oceanside Treatment Plant



Southeast Treatment Plant



Sewer System Improvement Program (SSIP)

Grey.



**SYSTEM AND SEISMIC
RELIABILITY &
REDUNDANCY**

Green.



**INNOVATIVE
STORMWATER
MANAGEMENT SOLUTIONS**

Clean.



**PROTECTING PUBLIC
HEALTH
& THE ENVIRONMENT**

Project Scope and Upgrades

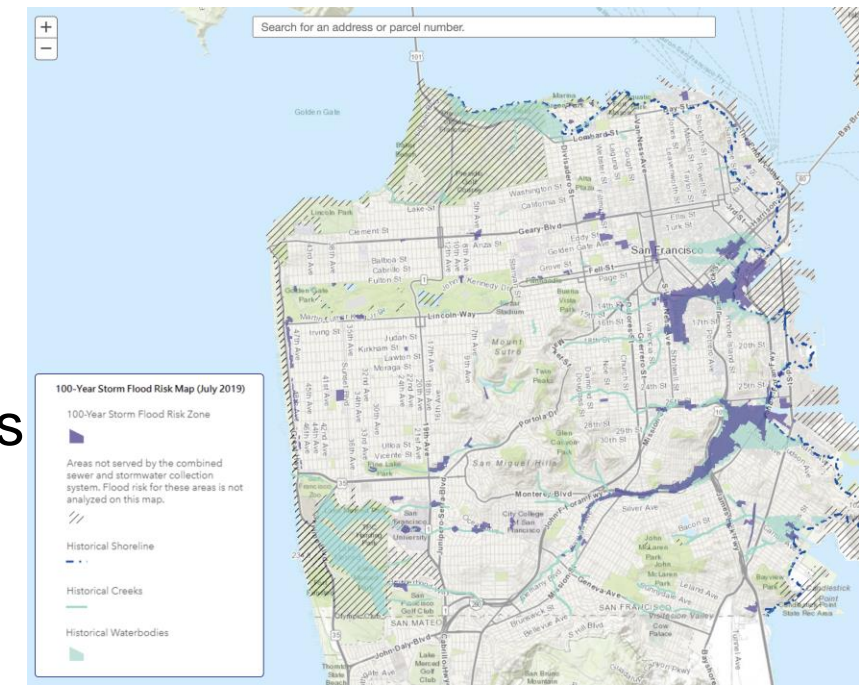
Project Benefits

- Reduce flood risk at intersection of 15th and Wawona streets
 - Important to note - after building up system to our levels of service goal, localized flooding is still anticipated to occur during major storms
- Add a transmission line that serves as the Potable Emergency Firefighting Water Supply System (PEFWS), from 19th Ave to 25th

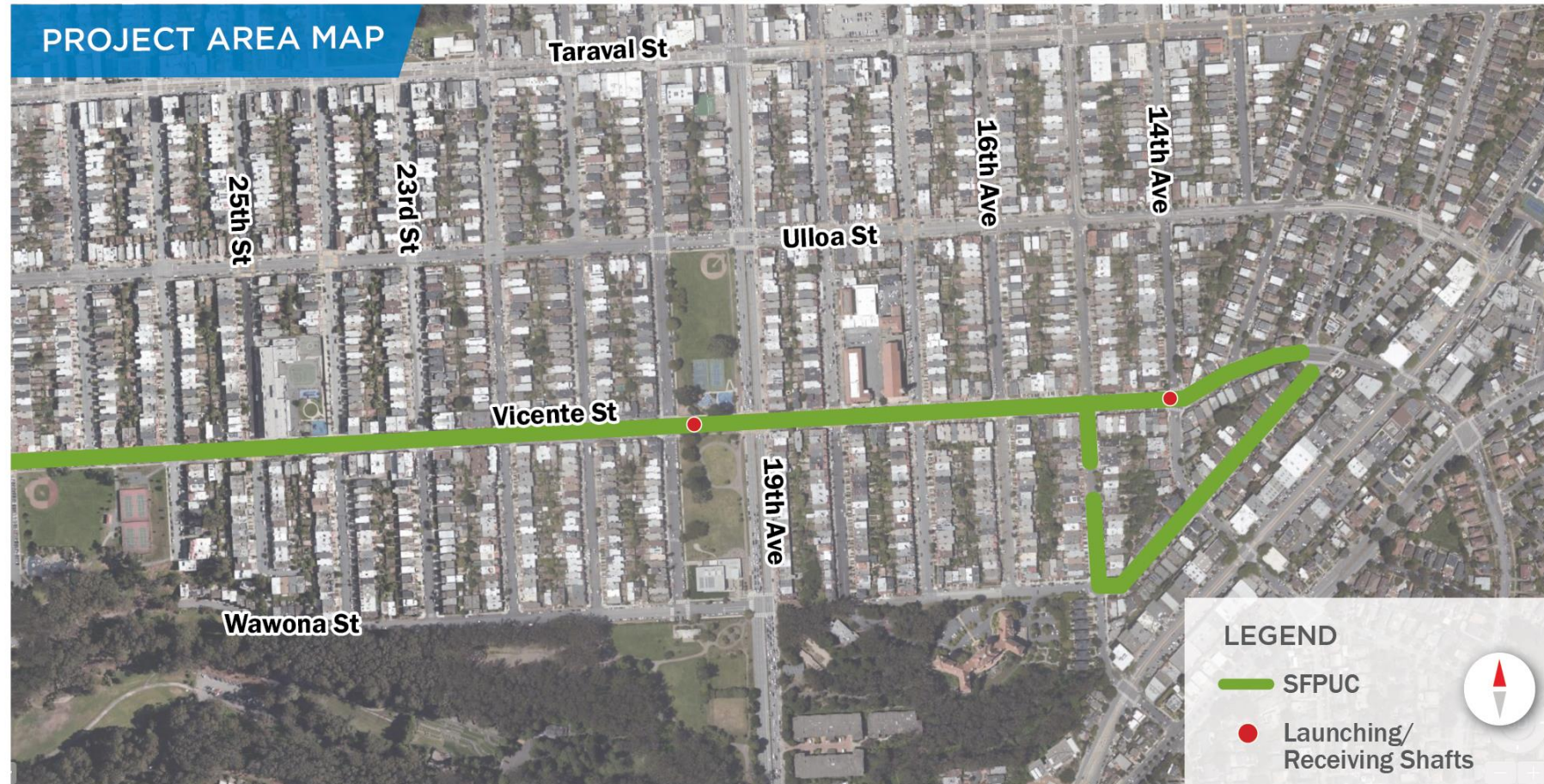


Recent Outreach for Project & RainReadySF

- Sandbag deployment in advance of heavy rain events
- Community meetings and door-to-door noticing
- Project update emails, multi-lingual mailer
- Floodwater Grant Webinars – up to 100K for improvements
- Development of Citywide Flood Map



Project Scope and Upgrades



- Diverting some of the stormwater flow to a new large sewer pipe to be installed under Vicente Street
- Increase the ability to capture and divert street runoff with new stormwater inlets around 15th Avenue and Wawona Street intersection
- Upgrade the aging water transmission and distribution mains along Vicente and Wawona streets

Project Coordination with SFMTA & Public Works



- Coordinating with other projects in the vicinity
 - SFMTA L Taraval
 - Public Works 19th Street
- Cross promotion of updates through virtual meetings, stakeholder lists, and newsletters
- Reducing impacts to community for staging and traffic impacts

Staging Area for SFPUC



- Staging on SFPUC property, Merced Manor Reservoir
- Safe access from Sloat and/or 22nd Avenue
- Reduce overlap of staging areas with other projects
- Maintain open space for community use as much as possible

 SFPUC Staging Area

Project Scope and Upgrades



Key elements of construction & staging at 19th & Vicente

- Trenchless work between 20th/14th avenues
- Maintain one lane traffic both directions along Vicente
- Parking restrictions with advanced notice (access to driveways maintained)
- No left turn from east bound Vicente onto northbound 19th Avenue
- Launching shaft work anticipated to begin around August/September

Estimated Construction Schedule

2021

2022

2023

SUMMER 2021 – WINTER 2023
(SUBJECT TO CHANGE)

Noticing and Coordination

- Pre-construction notice mailed to entire project area February 2021
- Presentations to Supervisor offices, merchant's groups, and neighborhood associations
- Coordination with schools in vicinity for student pickup/drop-off areas
- 30/10 Day pre-construction notice
- Supporting communication and engagement for flooding response and resources
- Ongoing outreach and planned projects to all flooding areas of SF

PROJECT FACTSHEET



SEWER SYSTEM IMPROVEMENT PROGRAM | Grey, Green, Clean.

Wawona and Vicente Street Stormwater and Water Main Replacement

Our Sewer System Upgrades are Underway

The San Francisco Public Utilities Commission (SFPUC) operates a combined sewer system that collects and treats San Francisco's wastewater (sewage and stormwater). Our Sewer System Improvement Program (SSIP) is upgrading and modernizing our system to ensure we can continue to protect public health and the environment now and into the future.

The intersection of 15th and Wawona does not meet the citywide design standards for stormwater management and has been susceptible to flooding associated with moderate and heavy storms. The Wawona Area Stormwater Improvement and Vicente Water Main Replacement project will bring this area up to the citywide design standard for stormwater management and reduce the risk of flooding in the area of 15th Avenue and Wawona Street. This project will install a new sewer pipe under Vicente Street, from Wawona Street to 34th Avenue. The project will also replace the aging water transmission and distribution mains along Vicente and Wawona Streets.

It is important to note that even after project completion, this area will still be at risk of flooding during heavy rains. For more information on stormwater management, visit sfwater.org/sainfoadysf.

To minimize disruption from construction and staging to the surrounding community, the SFPUC is coordinating with other large projects in the area including the Lateral Improvement Project and the 19th Avenue Improvement Project.

For more information, visit sfwater.org/osp

MAJOR CONSTRUCTION COMING TO WAWONA AND VICENTE STREET!

Our Sewer System Upgrades are Underway

LEARN MORE AND CONNECT WITH US!



Lea en el reverso noticias sobre la construcción 内部详细的施工信息

Estimated Construction Schedule

2021	2022	2023
LATE SPRING 2021 - WINTER 2023 (SUBJECT TO CHANGE)		

PROJECT BENEFITS:

- Reduce the risk of flooding by diverting some of the stormwater flow to a new large sewer pipe to be installed under Vicente Street, from Wawona Street to 34th Avenue.
- Increase the ability to capture and divert street runoff with new stormwater inlets around 15th Avenue and Wawona Street intersection.
- Upgrade the aging water transmission and distribution mains along Vicente and Wawona Streets.

Project Location



Contact Information

For questions please call (888) 801-2661 or email us at sfpuc@sfwater.org. For more information visit sfwater.org/vicentewawona

Find us online at sfwater.org/osp

San Francisco Public Utilities Commission
525 O'Farrell Street, 11th Floor
San Francisco, CA 94102



Closeup of Trenchless Launching/Receiving Shafts

- Trenchless work between 20th/14th avenues
- Maintain one lane traffic both directions along Vicente
- Parking restrictions with advanced notice
- No left turn from east bound Vicente onto northbound 19th Avenue

无沟发射的特写/接收轴

- 在20/14大街之间进行不间断的工作
- 沿维森特双向保持一条车道通行
- 停车限制并提前通知
- 从维森特 Vicente 东方向左转，转入第19大道北行

Primer plano de eje de lanzamiento/eje de receptor

- Trabajo sin zanjas entre las avenidas 20 y 14
- Mantenga el tráfico de un carril en ambas direcciones a lo largo de Vicente
- Restricciones de estacionamiento con previo aviso
- No hay vuelta a la izquierda desde Vicente en dirección este hacia 19th Avenue en dirección norte.

Mejora de las aguas pluviales del área de Wawona y de sustitución de la tubería principal de agua de Vicente

La intersección de la 15th y Wawona no cumple las normas de diseño de la Ciudad para la gestión de las aguas pluviales y es más susceptible de sufrir inundaciones asociadas a tormentas moderadas y fuertes. El proyecto de mejora de las aguas pluviales del área de Wawona y de sustitución de la tubería principal de agua de Vicente harán que esta zona cumpla la norma de diseño de toda la Ciudad para la gestión de las aguas pluviales y reducirán el riesgo de inundaciones en la zona de la avenida 15th Avenue y la calle Wawona Street. Este proyecto instalará una nueva tubería de alcantarillado en el subsuelo de Vicente Street, desde Wawona Street hasta 34th Avenue. El proyecto también reemplazará las viejas tuberías de transmisión y distribución de aguas en Wawona Street, 15th Avenue, y en Vicente Street al oeste de 19th Avenue.

Es importante señalar que incluso después de la finalización del proyecto, esta zona seguirá corriendo el riesgo de sufrir inundaciones durante las fuertes lluvias. Para obtener más información sobre la gestión de las aguas pluviales, visite sfwater.org/sainfoadysf.

BENEFICIOS DEL PROYECTO:

- Reducir el riesgo de inundaciones desviando parte del flujo de aguas pluviales a una nueva gran tubería de alcantarillado que se instalará bajo Vicente Street, desde Wawona Street hasta 34th Avenue.
- Aumentar la capacidad para capturar y desviar la escorrentía de la calle con nuevas tomas de agua de tormenta alrededor de la intersección de 15th Avenue y Wawona Street.
- Mejorar las viejas tuberías de transmisión y distribución de agua a lo largo de las calles Vicente Street y Wawona Street.

Calendario de construcción estimado

2021	2022	2023
FINALES DE LA PRIMAVERA 2021 - INVIERNO 2023 (SUJETO A CAMBIOS)		

Ubicación del proyecto

