In July 2017, the San Francisco Public Utilities Commission (SFPUC) Sewer System Improvement Program (SSIP) completed the Holloway Green Street project located on Holloway Avenue between Lee and Ashton Avenues. The project includes permeable paving and rain gardens, called green infrastructure, to naturally capture stormwater runoff before it enters the sewer system. Green infrastructure uses the natural process of plants and soil to filter, clean, and infiltrate stormwater, reducing the burden on the sewer system. The project also brings to life a segment of the SF Planning Department’s Green Connections plan along Holloway Avenue and enhances the connection between City College of San Francisco and SF State University.

Project Location

Project Statistics

Watershed: Lake Merced
Stormwater Managed: 950,000 gallons of stormwater each year
Drainage Area: Two acres of impervious surface
Green Features: 18,444 square feet of permeable pavement/concrete; 2,250 square feet of rain gardens

Additional Improvements

• Provides eight blocks of green infrastructure that helps improve bicycle and pedestrian access
• Creates urban greening and natural habitat improvements in the neighborhood
**Green infrastructure** can help manage and treat stormwater onsite before it enters the sewer system and also provide livable city benefits like neighborhood beautification and traffic calming.

**PERMEABLE PAVEMENT**: Allows stormwater to soak into the ground in contrast to hard surfaces (concrete or asphalt) where stormwater rapidly flows into the sewer system.

**RAIN GARDENS**: Capture stormwater runoff from streets, roofs, and parking lots. Plants and soil absorb that water, reducing the amount of runoff overwhelming the sewer system.

**BULB OUTS WITH GREEN INFRASTRUCTURE**: A traffic calming method that extends the sidewalk, reducing the distance to cross the street increasing pedestrian visibility and safety. These may include various green technologies to capture and treat stormwater.

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**Completed Holloway Green Street Project**

The project includes rain gardens and the first application of pervious concrete in the public right-of-way in San Francisco.

![Before](image1.png)

![After](image2.png)

**About the Sewer System Improvement Program**

The Holloway Green Street project is a part of the Sewer System Improvement Program (SSIP), a multi-billion dollar citywide investment required to upgrade our aging sewer system. The SSIP is the result of an eight-year community planning process and will ensure a reliable, sustainable and seismically safe sewer system now and in the future.

Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board, with funding from the United States Environmental Protection Agency. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor do the foregoing endorse trade names or recommend the use of commercial products mentioned in this document.

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**Para una copia de este material en español o para más información en español, por favor póngase en contacto con nosotros en (415) 554-3289 o info@sfwater.org.**

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