

# Lower Powell Green Street and Sewer Repair Project

Environmental Services works with Portland residents and businesses to protect water quality, public health, and the environment through wastewater collection and treatment, sewer construction and maintenance, stormwater management, and stream and watershed restoration.



ENVIRONMENTAL SERVICES  
CITY OF PORTLAND  
working for clean rivers

Dear Neighbor,

Environmental Services expects to begin construction in January/February 2016 on a project in your neighborhood to replace and upsize 4,508 feet of aging public sewer pipes. The project includes constructing 22 green street planters which will remove 1.6 million gallons of stormwater from our combined sewer system every year—enough to fill over 46 railroad tank cars. These improvements will protect public health, property and the environment as well as reduce the possibility of sewage releases into streets, homes and businesses.

Your area has a combined sewer system, which mixes wastewater from homes and businesses with stormwater runoff from streets in the same pipes. When it rains, sewers can fill to capacity and back up into basements. Combined sewage contains bacteria and pollutants washed off the streets. This project will reduce the likelihood of basement backups by upsizing sewer pipes to increase overall sewer capacity, and by building green street planters that capture stormwater allowing it to slowly soak into the ground while plants and soil filter pollutants.

To learn more, I encourage you to browse the project web page at [www.portlandoregon.gov/bes/lowerpowell](http://www.portlandoregon.gov/bes/lowerpowell). The web page is a great place to view project maps, learn about what to expect during construction, and to sign up for regular project email updates during construction.

Thank you for your input throughout the design of this project and your cooperation going forward. If you have questions or concerns such as business operations, disability issues, or medical or business deliveries, please contact me at **503-823-5352** or **Matthew.Gough@portlandoregon.gov**.

Sincerely,

Matt Gough  
Community Outreach, Environmental Services  
1120 SW 5th Avenue, Room 1000, Portland, OR 97204  
Phone: **503-823-5352** | Email: **Matthew.Gough@portlandoregon.gov**

## A FEW FACTS ABOUT CONSTRUCTION



- Begins January/February 2016
- Construction will last a little over a year
- Includes night work

## MORE DETAILS INSIDE

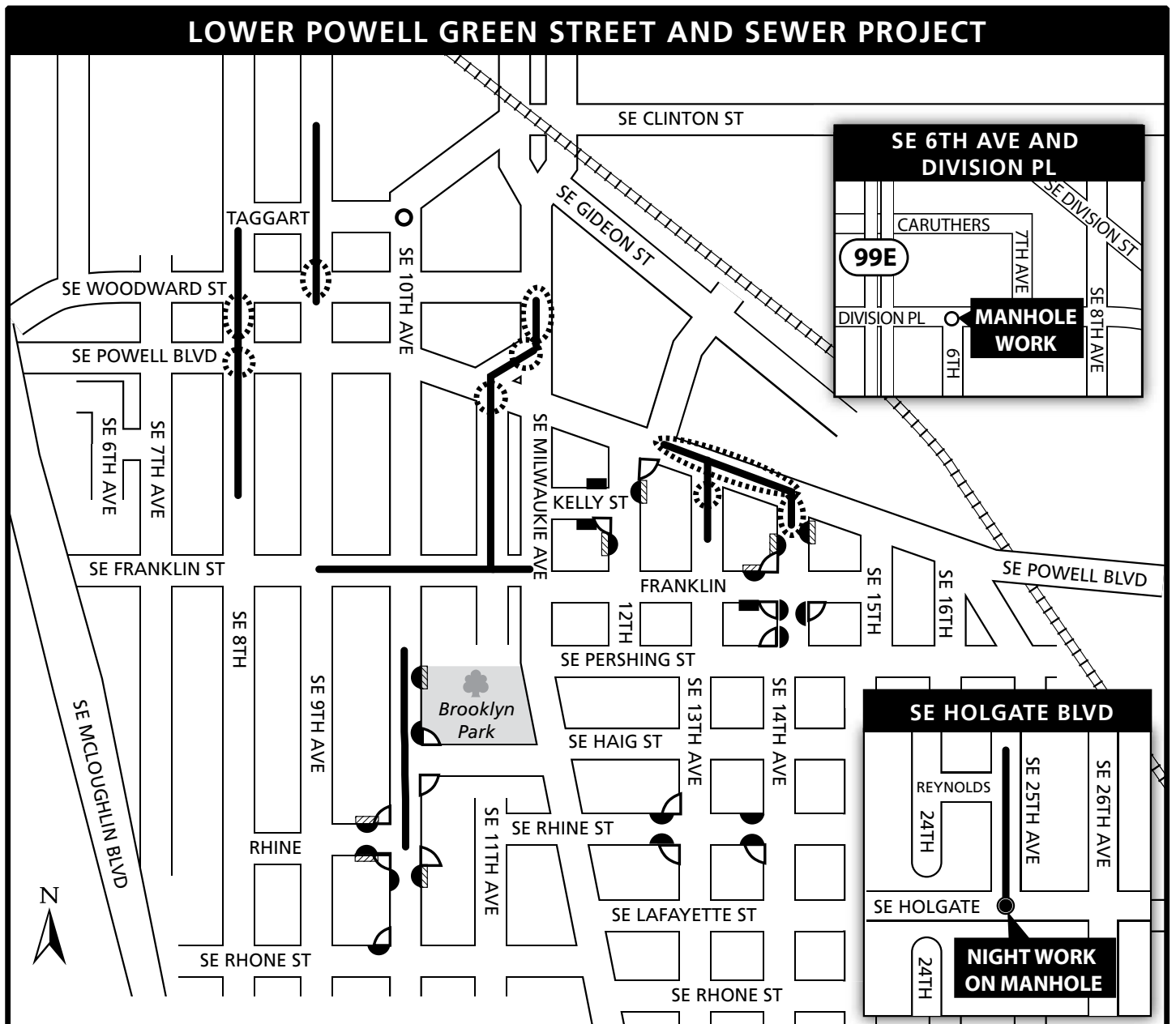
# Lower Powell Green Street and Sewer Repair

The map below shows locations of green street planters, sewer pipe construction, and areas where night work will occur. Night shifts may not be consecutive.

## NIGHT WORK

The Portland Noise Office has granted Environmental Services a noise variance to allow overnight construction on several streets with high daytime traffic volumes (see project map). The noise variance does not allow construction crews to use saw cutters, back-up beepers or jackhammers after midnight. There will be lights at construction areas and noise

from other construction equipment, vehicles and generators during nighttime construction. We will have a noise hotline that city staff on-site will answer during night work. We will publish the hotline number before overnight construction begins. Work in each location may involve daytime construction to complete some steps.



Simplified map – not to scale ES 1578 AUG 2015

- PLANTER
- CURB EXTENSION
- CURB EXTENSION WITH PLANTER
- SEWER PIPE WORK
- NIGHT WORK SEGMENT
- NEW MANHOLE
- ▲ ADA RAMP

## What to Expect During Construction

**Safety is our top priority for every construction site.** You can help keep the area safe by staying clear of all construction activities and keeping children, pets and vehicles out of construction areas. A city inspector will be on-site during work hours and may be able to assist you with construction concerns. Inspectors typically wear a hard hat and safety vest with "City of Portland" on the back.

### WHAT TO EXPECT:

- **Noise, Vibration, and Dust:** Construction creates noise, vibration and dust and disrupts normal neighborhood activity.
- **Traffic Delays:** You should expect traffic delays in and near the work area. Please observe traffic control signs and follow the directions of flaggers.
- **Parking Restrictions:** On-street parking will be restricted in and near the work zones to create a safe work environment and to stage equipment and materials.
- **Equipment Storage:** Some equipment and materials will be stored on your street or nearby streets overnight.
- **Maintained Service:** Sewer, water, and other utilities will remain in service during construction.
- **Schedule Changes and Inactivity:** Please be aware that the construction schedule is subject to change due to a variety of factors, including conditions underground, weather, traffic impacts, subcontractor schedules and availability of materials. These same variables may cause periods of inactivity between construction phases.

### CONSTRUCTION HOURS

With the exception of night work, typical construction hours will be 7:00 a.m. to 6:00 p.m. Monday through Friday. If needed, the contractor is allowed to work the same hours on Saturday.

### GET THE LATEST UPDATES!

Sign up to receive project updates via email or text messaging on the project website:  
[www.portlandoregon.gov/bes/lowerpowell](http://www.portlandoregon.gov/bes/lowerpowell)

### CONSTRUCTION METHODS

The city's contractor will use cured in place pipe (CIPP) lining, jack and bore, pipe bursting, and open trench excavation sewer construction to repair or replace pipes for this project.

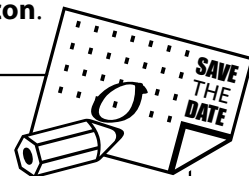
To learn more about sewer construction methods, go to [www.portlandoregon.gov/bes/constructionmethods](http://www.portlandoregon.gov/bes/constructionmethods).



### WHAT'S HAPPENING NOW?

Over the next few weeks you may see crews surveying, trimming trees, marking and relocating utilities or other preconstruction activities. For more information, go to [www.portlandoregon.gov/bes/precon](http://www.portlandoregon.gov/bes/precon).

Meet the construction team.  
Learn more about the project.



## PUBLIC MEETING

7:00–8:00 P.M.

Wednesday

January 27, 2016

As part of the Brooklyn Action Corps  
neighborhood association general meeting

**Thelma Skelton Meals on Wheels Center**  
3925 SE Milwaukie Ave., Portland, OR 97202



ENVIRONMENTAL SERVICES  
CITY OF PORTLAND  
1120 SW Fifth Avenue, Room 1000  
Portland, Oregon 97204-1912  
MATT GOUGH 113/400

**Learn more  
about the project**



**Wednesday  
Jan. 27, 2016**

**DETAILS INSIDE**

The City of Portland complies with all non-discrimination laws including Title VI (Civil Rights) and Title II (ADA). To request a translation, accommodation or additional information, please call 503-823-7740, or use City TTY 503-823-6868, or Oregon Relay Service: 711.

Over one-third of Portland's 2,500 miles of sewer pipes are more than 80 years old. Portland combines sewer improvements that replace or repair Portland's aging sewer pipes with green streets, ecoroofs, trees, and other green infrastructure to increase sewer system efficiency, and protect water quality, public health, and the environment.



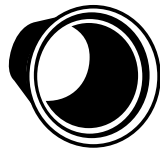
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Nick Fish, Commissioner  
Michael Jordan, Director

## Lower Powell Green Street and Sewer Repair Project

# At a glance

These improvements will protect public health, property and the environment as well as reduce the possibility of sewage releases into streets, homes and businesses.



Upsize, repair or replace **4,508 feet** of public sewer pipe.



Plant **11 trees** to capture rain and reduce stormwater runoff.



Add **22 green street planters** to collect and slow stormwater runoff.



Planters will remove **1.6 million gallons** of stormwater from the system each year.

### GET THE LATEST UPDATES!

Go to [www.portlandoregon.gov/bes/lowerpowell](http://www.portlandoregon.gov/bes/lowerpowell) for the most current project information and to sign up for project updates by email or text messaging.