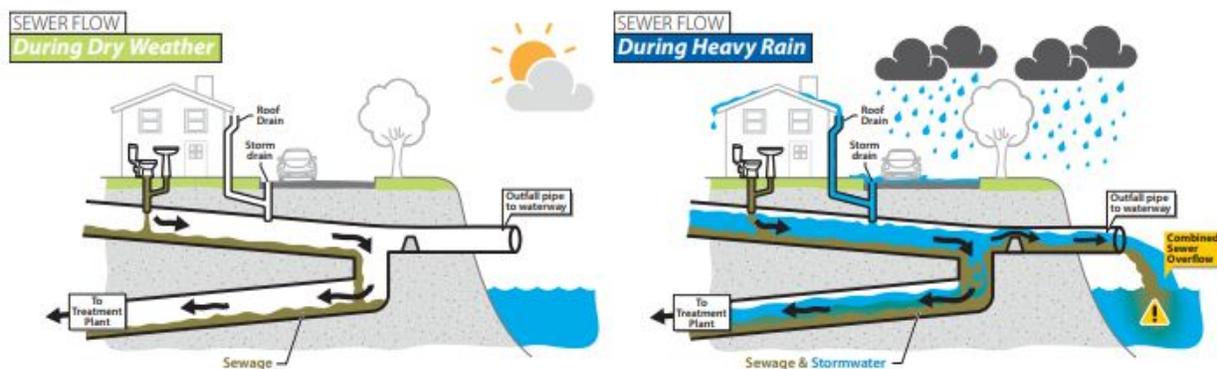


Q: What is a Pump Station and how do they help keep our neighborhoods and environment healthy?

Pump stations move wastewater and other sewage away from homes, businesses and other buildings to be treated at the regional wastewater treatment plant. Moving sewage away from people and into treatment plants is important for public health.

Pump stations also help prevent stormwater runoff from entering our waterways. Stormwater runoff carries pollutants from streets, yards, parking lots and other surfaces into our waterways, threatening the health of the waterbody and its inhabitants. During a heavy storm event, our system can get overwhelmed and cause a combined sewer overflow (CSO) into a nearby waterway, which can impact our regional water quality and is a public health risk.



Q: What else is Seattle Public Utilities (SPU) doing to prevent combined sewer overflows?

In addition, SPU manages stormwater and wastewater by diverting high flows during heavy rainfall to offline storage pipes that drain back into the system once the storms pass. To optimize storage pipe performance, SPU is installing automated control gates so that flows can be remotely monitored and operated to reduce CSOs. These projects allow our existing infrastructure to work more efficiently at very low cost.

Q: What is the Portage Bay 138 Gate Retrofit & Pump Station 20 Improvement Project?

SPU is performing a capital improvement project at the street end of E Shelby St.

The main reason we are performing this work is to reduce combined sewer overflows into Portage Bay via an outfall located at the street end. These overflows can occur when heavy rain events overwhelm the system; they impact our regional water quality and are a public health risk.

For this project, SPU will be modernizing the way our existing infrastructure manages high flows during rainstorms. To accomplish this, SPU will remove the existing flow restriction device attached to the buried storage pipes beneath the northern sidewalk on E Shelby St and replace

it with an automated gate. This will allow SPU to optimally manage flows in the storage pipes in real time.

In addition, SPU is making upgrades to Pump Station 20, which is also located at the street end of E Shelby St. This work will:

- Improve service reliability by reducing the risk of system failure.
- Comply with industry standards and regulations.
- Provide safe working conditions for SPU maintenance crews.

Q: What are the benefits of this project?

- Improve water quality by reducing combined sewer overflows into Portage Bay.
- Bring this facility into compliance with safety standards, which will improve work conditions for our maintenance crews.
- Enable SPU to better monitor and control the Portage Bay 138 basin flows to optimize system performance.

CONSTRUCTION IMPACTS

Q: What can I expect when this project is in construction?

Construction is scheduled to begin in early March 2020 and take approximately 7 to 9 months to complete. During construction, residents in the area can expect:

- Construction-related noise, dirt, dust, and vibration
- Continued pedestrian access to homes throughout construction
- Typical work hours will be weekday, daytime hours, but crews may need to perform work during evenings and/or weekends
- Lane closure on the north side of E. Shelby St as well as parking restrictions on both sides of E Shelby St
- Restricted access to driveways on the north side of E Shelby St for approximately 6± weeks while the contractor performs the gate retrofit work
- Intermittent daily driveway restrictions for residents who live down the Fuhrman Alley, south of Shelby, for Pump Station access and work
- When trenching for installing the bypass and electrical conduit, there may be 1± week daytime closures at the Fuhrman Alley, and steel plates at night for restored access
- 24-hours a day full road closure for <1 week at street end during pavement restoration

Q: What safety measures will be in place for residents as crews work?

We will ensure there is signage to clearly distinguish the construction area and allow pedestrians and vehicles to move safely around the work zone.

Q: Will access to my driveway or street by my house be blocked during construction?

Residents will continue to have pedestrian access to their homes throughout construction. Throughout the project, the contractor will maintain driveway access before 8 a.m. and after 4 p.m., even when crews are working. Please note, crews may begin work before 8 a.m. or continue past 4 p.m., but they will limit activities that may block vehicle access during those hours.

We cannot guarantee the timely flagging of residents in and out of the driveway between 8 a.m. and 4 p.m. when crews are working, but the contractor will provide driveway access whenever it is safe and feasible. If you need to leave your driveway, plan for potentially significant delays or move your car out of the work area before 8 a.m.

The contractor will also need to trench the street end to install the temporary bypass at the beginning of work and will trench later in construction to install electrical conduit to the pump station. Each of these times work is expected to take 1± week.

Driveway access on the north side of E Shelby St will be restricted for approximately 6± weeks while the contractor performs the gate retrofit work. Due to the size of the excavation (about a 16-foot wide square), it is not feasible to reopen at night.

Finally, there will also be 24/7 vehicle access restrictions to repave the street end once construction is complete. Pavement work should take less than a week to complete.

During the duration of the project there will be a 15-minute load/unload zone near E Shelby St to allow residents to pick up and drop off items closer to their homes.

Prior to construction, we will continue to provide information about driveway access construction impacts. Please sign up for the project listserv to get updates.

Q: How will residents move things to and from cars while crews are working?

During this project, there will be a temporary load/unload zone on the north east side of Fuhrman Ave N to allow residents to move items between their cars and home. During working hours, a crew member will be available to assist residents in moving any items.

Q: How will emergency vehicles reach residents through the construction zone?

We have worked with the Seattle Fire Department to help them with developing an emergency services plan. Emergency services will be able to reach residents during construction.

Q: How will garbage/recycling/compost be picked up during construction?

During construction, garbage/recycling/compost pick-up will be consolidated so that it is all picked up on Wednesdays. You will be able to bring your garbage/recycling/compost to the same location as you do before or on collection day. When necessary, the contractor move cans to a location where the truck is able to pick them up.

Q: How will mail be delivered during construction?

SPU has contacted USPS to coordinate mail delivery during construction. USPS can use the loading zone for temporary parking, and pedestrian access will be maintained to homes/mailboxes. Please note mailboxes may be temporarily relocated in an effort to avoid delivery disruptions.

Q: How will residents be notified about this project?

The project team has worked to notify residents via the website, email listserv, door-to-door outreach, mailers, and in-person meetings and events. We will be out in the neighborhood continuing to engage residents in-person during design and prior to construction.

The project email listserv is the best way to stay up to date during construction. Visit the project website to stay up to date with project. Visit the project website for more information and to sign-up for the email listserv: www.seattle.gov/utilities/environment-and-conservation/projects/portage-baygate-retrofit.