

South Park Drainage Conveyance Improvement Project 2018

Project Purpose

To build a system of drainage pipes throughout the industrial area of South Park near 7th Ave South which often floods during storms. The pipes will connect to the South Park Pump Station which will be built and in operation by 2021.

Total Project Cost: \$24+ million

FCD CIP Request: \$13.1 million

\$9 million for top 8 streets

\$4.1 million S Monroe street

Schedule: Construction 2020-2021.

Flooding Problem:

Much of the 70-acre lower industrial basin lacks formal street improvements and drainage infrastructure. Many streets are unpaved. Chronic flooding adversely impacts street mobility; access to many businesses and homes is hampered due to potholes, poor street grading and repeated flooding. Businesses and residents will benefit from a formal drainage system and better streets. Providing this base infrastructure helps to address historic service inequities in the South Park neighborhood.



Three main flooding issues:

1. **Submerged Outfall** – Drainage trunk line and outfall to the Duwamish are submerged at high tides, meaning the drainage system cannot discharge to the river. SPU is near the 60% design milestone for construction of a flood control pump station to address this problem.



2. **Inadequate and incomplete existing drainage system** -The roadway improvements are needed to capture runoff and direct it to the new drainage system. SDOT and SPU have identified and prioritized drainage improvements throughout the basin.

3. **Low-lying sites** - Some properties have "bowls" or closed depressions with portions

of the private property lying below the street level so they cannot drain to the streets. Construction of a formal drainage system will allow for connections with the private properties.

Long Term Outcomes and Benefits

- Reduced flooding on project streets and adjacent private properties
- Improved freight mobility and access to multiple businesses supports a stable job base.
- Improved quality of life for families living within the industrial area, including safety improvements and reduced health hazards associated with repeated flooding and ponding around homes.

South Park Conveyance Improvements Additional Funding Request

Description	Linear feet of improvements	Scheduled Construction	Request
Base Project	3,100	2020-2021	\$9 million for SPU
S. Monroe 5 th to 7th	660	2020-2021	\$4.1 million for SPU and SDOT

Base Project: The initial \$24M Capital project is moving into design on the top 8 priority streets (base project), for construction in 2020 and 2021.



S Monroe 5th to 7th: Next in the prioritized list, improvements to this gravel road are currently unfunded. The road is in very poor condition, with runoff regularly flowing from the street onto some private properties. There have been multiple complaints to SDOT, SPU and elected officials.

About South Park

The residential community in South Park is diverse and includes a high percentage of low-income families with children. According to the US Census Bureau 38% are persons of color, 25% are under 18 years old, 53% are renters, 41% don't speak English well, \$42,815 median household income (\$67,100 citywide), and \$44,038 median family income (\$91,279 citywide). About 450 companies in South Park employ more than 17,000 people. Many of these businesses struggled to remain open through the recession and the 2010 - 2014 closure of the South Park Bridge.