

S Judkins S Water Pooling

S Judkins St near the crosswalk, west of 22nd Ave S

Applicant Problem

The location - street and sidewalk - floods frequently due to lack of a storm drain or insufficient water runoff design. The water pools in the street before rising above the curb into the sidewalk. My estimate is that the water is 4-6" deep and 15' x 15'. The water is a hazard to motorists and bikers that must navigate through the water, and pedestrians who must deal with the water ponding on the sidewalk and splashing by vehicle traffic..

Applicant Solution

The street needs a storm drain or water runoff solution.

PROJECT TYPE

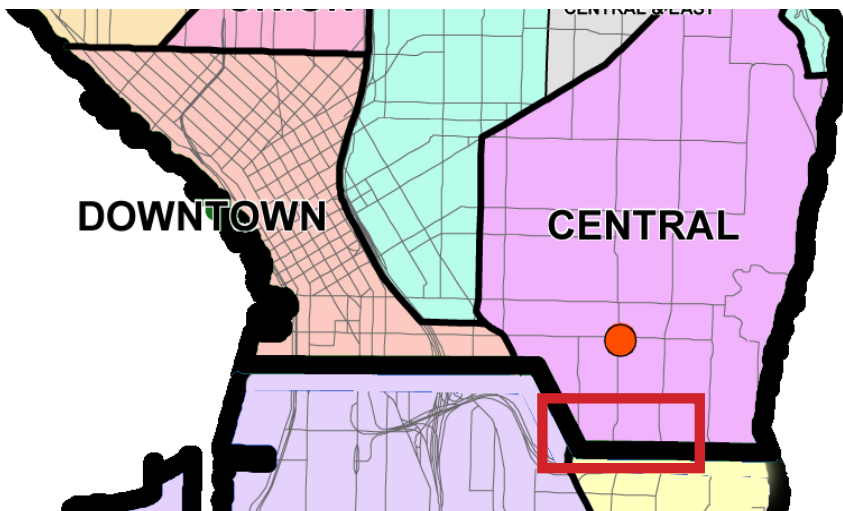
Drainage Improvements

APPROXIMATE LENGTH

130 lf

COST ESTIMATE

\$260,000



Seattle Department of Transportation (SDOT) Review

Project Description

The existing street and sidewalk west of 22nd Ave S. on S Judkins St is not directing stormwater to the existing catch basin/inlet structure located on the south side of the street. This appears to be the result of the existing grading which creates a low point to the east of the existing inlet.

The proposed solution is to regrade the street between the west edge of the existing median island and existing catch basins to the west. This is the area that currently experiences ponding. Regrading the street moves the low point and allows the water to be collected by existing facilities.

With this project, the north curb line would be replaced, the existing sidewalk would remain untouched and the planting strip would need restoration. The south curb and sidewalk would be adjusted in relation to the new street grade.



Constructability

- Presence of an historic landfill may result in discovery of hazardous materials. This cost estimate includes a contingency against the potential risk of higher or unexpected construction costs.
- Full pavement removal, regrading and repaving.
- Sidewalk removal on the south side of S Judkins St, removal and installation of curb and gutter on both sides, and new sidewalk on the south side.

Impacts

- Parking and access to the park will be impacted during construction.
- Contaminated soil may be present due to proximity to historic landfill.

Benefits

- Reduction in standing water on S Judkins St which will increase safety and make it more comfortable for people walking, biking and driving.
- Reduce sediment collection on street.