

# Pilot Project 1: Soil Amendments

## Focus Area D



### Project Description

- Install rain garden on slope above road
- Replace existing hard-packed soil with more porous soil
- Add organic materials to upper soil layers of rain garden
- Plant rain garden with low-growing, deep-rooted perennial plants
- Install interpretive sign for educational purposes

### Benefits

This project will help to:

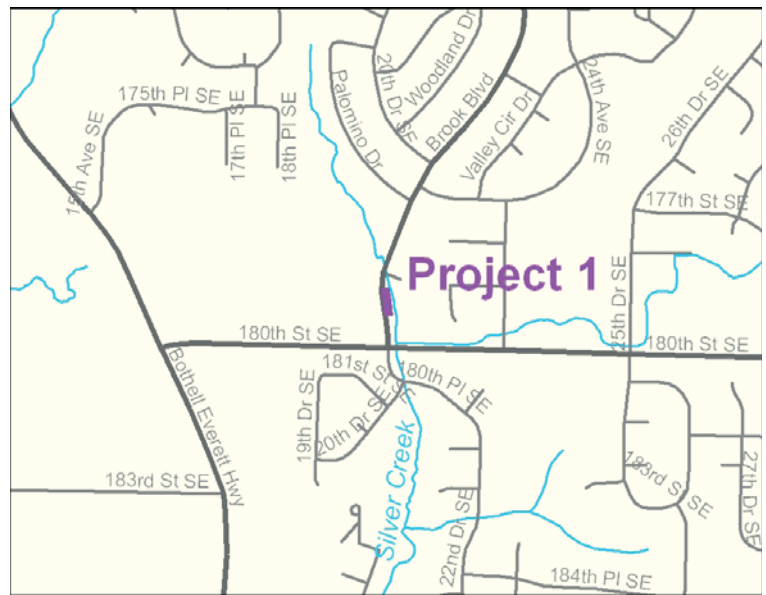
- Reduce stormwater runoff
- Remove pollutants from stormwater
- Recharge groundwater
- Improve neighborhood aesthetics

### Location

Intersection of Brooks Blvd. and 180th Ave. SE

### Estimated Project Cost

\$81,000



Existing Project Site



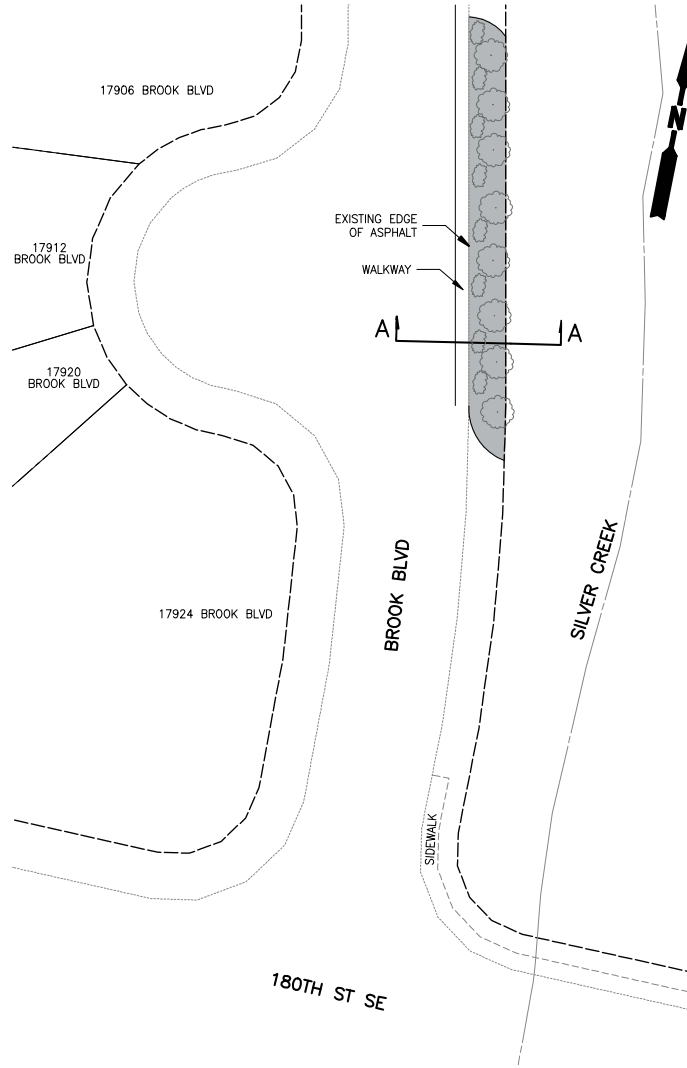
Example of Improvements Proposed



Rain garden behind curb

### Sketch 1 – View of Proposed Project from Above

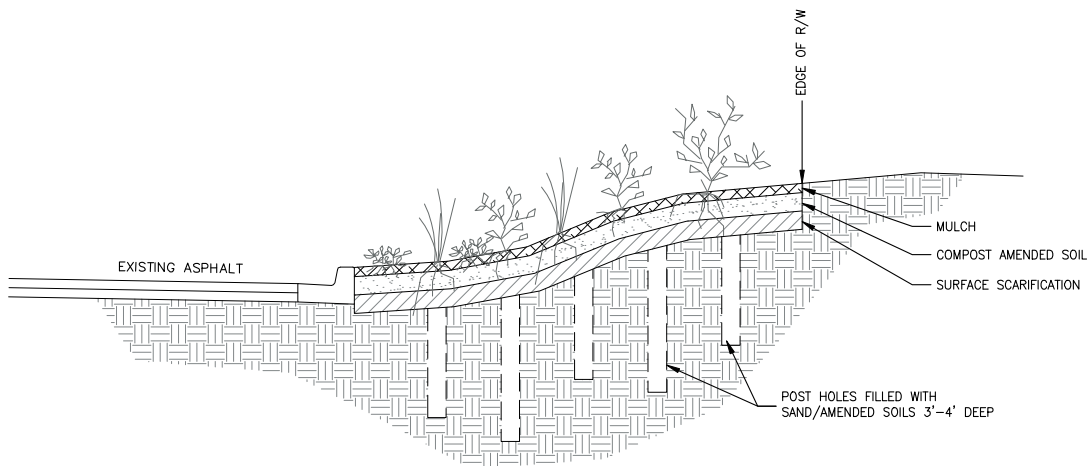
The shaded area will contain a rain garden with amended soils and vegetation that will capture, absorb, and filter stormwater runoff from the adjacent landscaped area.



### Sketch 2 - View of Proposed Project from the Side

Existing soils will be amended to encourage healthy plant growth, and to increase temporary storage of rainwater so that more of it soaks into the ground.

This will better mimic conditions that existed before development.



**SECTION A**  
N.T.S.