

# Pilot Project 12B: Curbside Rain Garden

## Focus Area E



### Project Description

- Install rain garden behind existing curb
- Remove hard-packed soil and replace with more porous soil
- Add organic materials to upper soil layers of rain garden
- Plant rain garden with low-growing, deep-rooted perennial plants
- Cut openings through curb to allow stormwater to enter rain garden instead of existing catch basin

### Benefits

This project will help to:

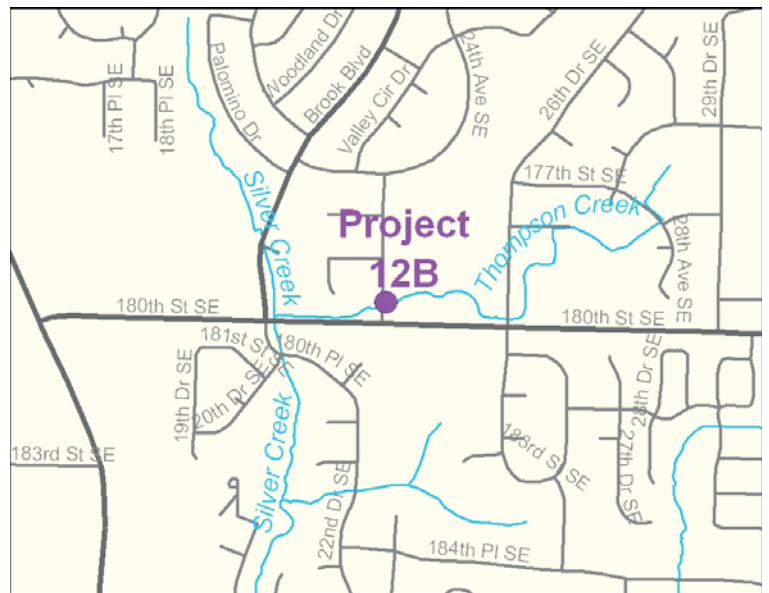
- Reduce stormwater runoff
- Remove pollutants from stormwater that discharges directly to Thompson Creek
- Recharge groundwater
- Improve neighborhood aesthetics

### Location

23rd Ave. SE, near intersection with 180th St. SE

### Estimated Project Cost

\$19,000



Existing Project Site



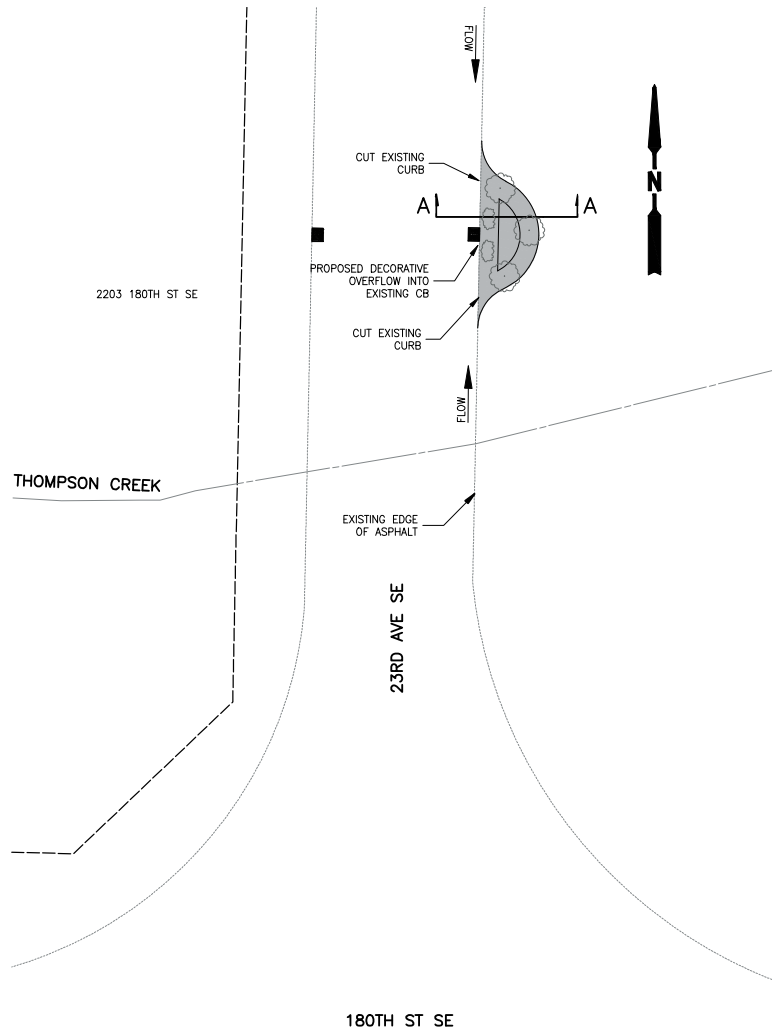
Example of Improvements Proposed



Rain garden installed behind existing curb

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

The shaded area will contain a rain garden with amended soils and vegetation. Street runoff will flow through openings in the curb, enter the rain garden, and soak into the ground instead of going into the existing catch basin and then into Thompson Creek.



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

The soils and plants in the rain garden will absorb stormwater and act as a filter to help remove pollutants from the stormwater that currently discharges directly into Thompson Creek. This will better mimic conditions before development.

