

Pilot Project 10: Ditch Revegetation

Focus Area F



Project Description

- Replace hard-packed, rocky soil in roadside ditch with more porous soil
- Add organic materials to upper soil layers and spread mulch on top
- Plant surface with low-growing, deep-rooted perennial plants
- Install interpretive sign for educational purposes

Benefits

This project will help to:

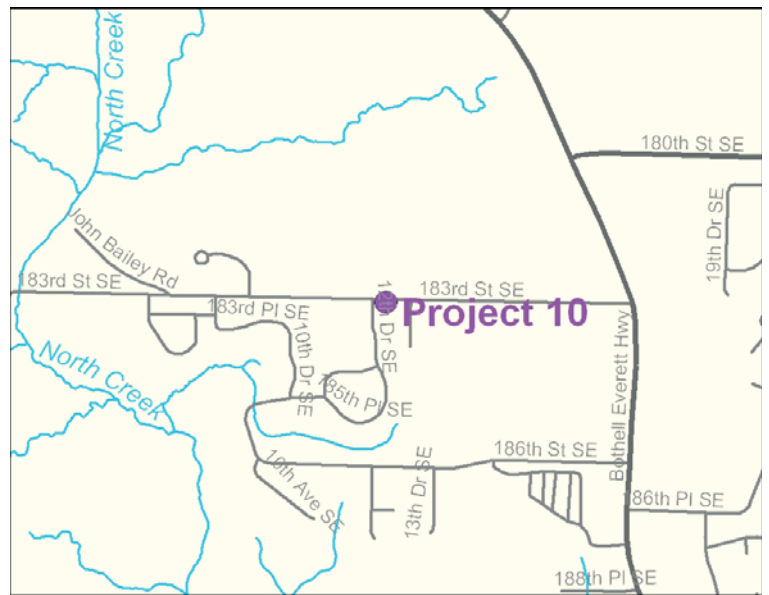
- Reduce stormwater runoff
- Remove pollutants from stormwater
- Recharge groundwater
- Improve neighborhood aesthetics

Location

183rd St. SE, near 12th Dr. SE

Estimated Project Cost

\$78,000



Existing Project Site



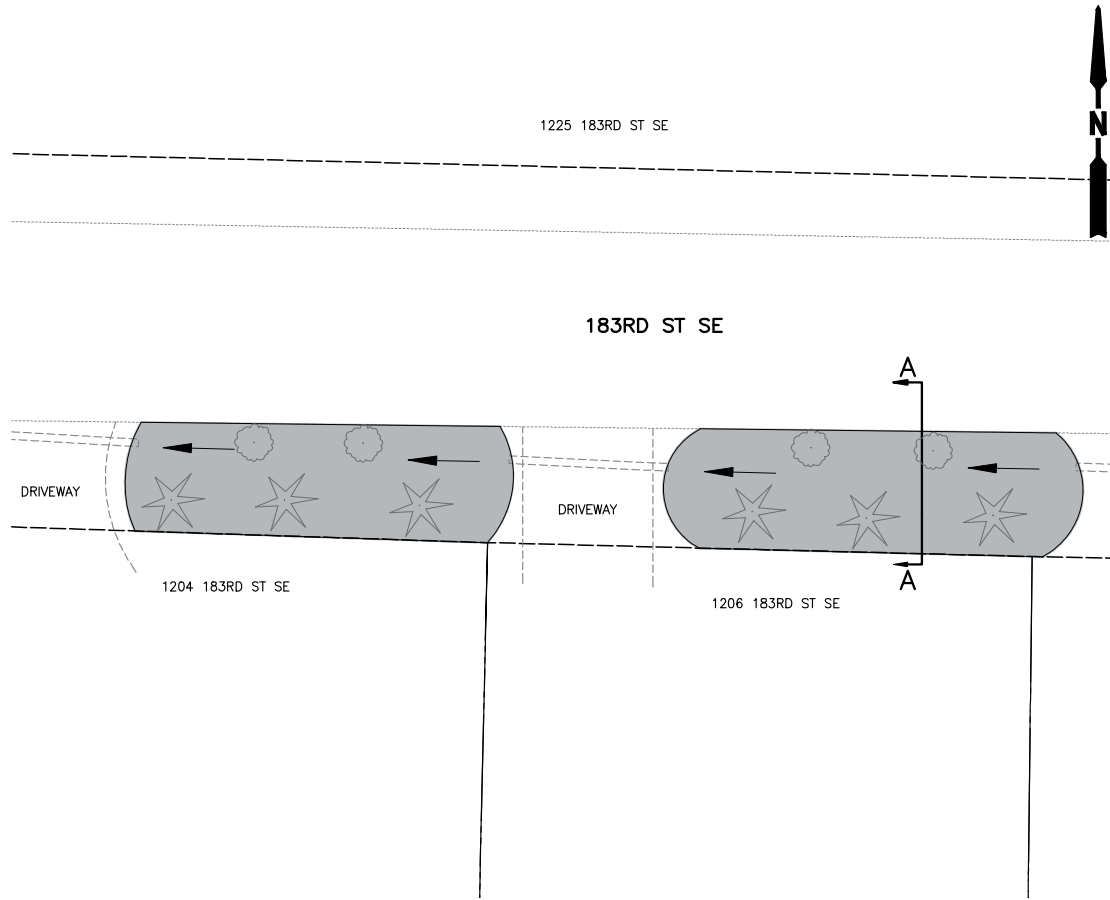
Example of Improvements Proposed



Vegetation planted in ditch to filter out pollutants

Sketch 1 – View of Proposed Project from Above

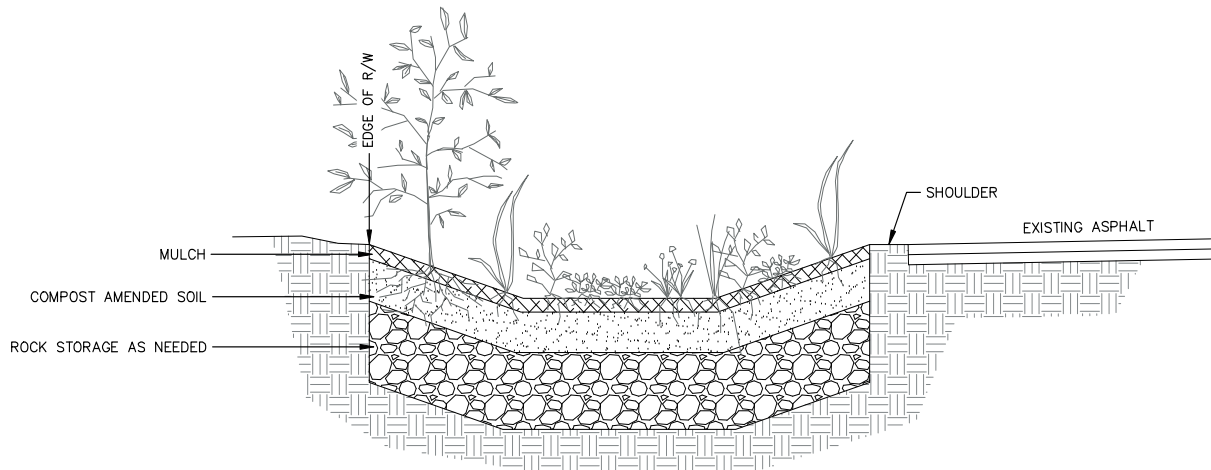
The roadside ditch in the shaded area will be replaced with amended soils and vegetation. Stormwater will flow off the road, enter the ditch, and soak into the ground.



PLAN VIEW
SCALE: 1"=20'

Sketch 2 - View of Proposed Project from the Side

The soils and plants in the ditch will absorb stormwater and act as a filter to help remove pollutants from the stormwater. This will better mimic conditions that existed before development.



SECTION A
N.T.S.