

Pilot Project 4: Pervious Pavement

Focus Area C



Project Description

- Remove concrete and hard-packed gravel in the right-of-way at the end of and between two driveways
- Excavate existing soil, replace with rock layer to create water storage area, and cover with pervious pavement
- Connect nearby roof drains to water storage area beneath pervious pavement
- 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

Brooks Blvd., north of 20th Dr. SE

Estimated Project Cost

\$59,000



Existing Project Site



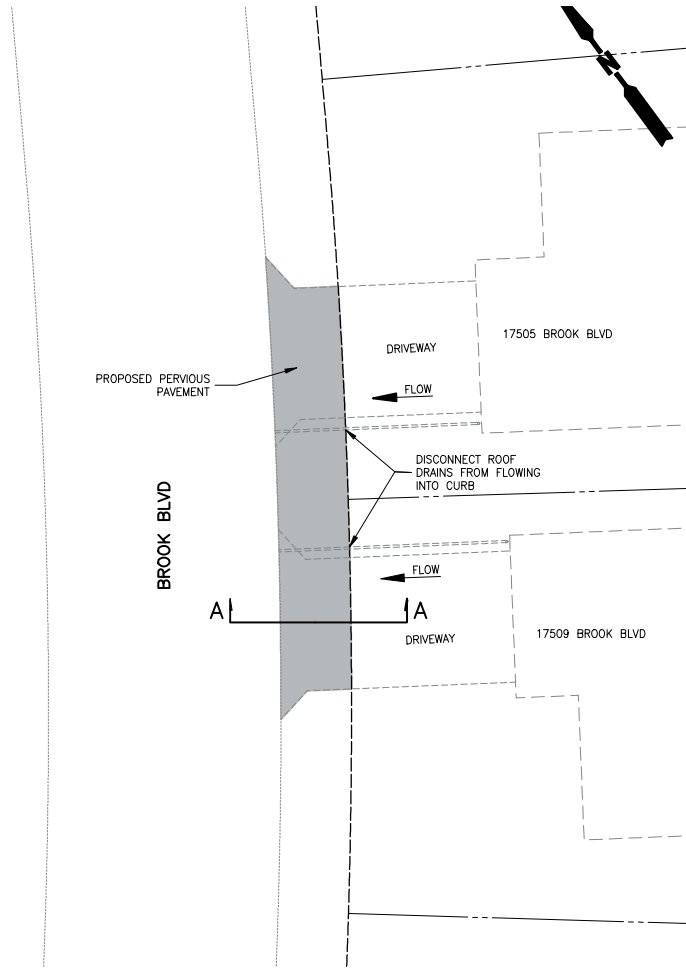
Example of Improvements Proposed



Pervious pavement at end of driveway

Sketch 1 – View of Proposed Project from Above

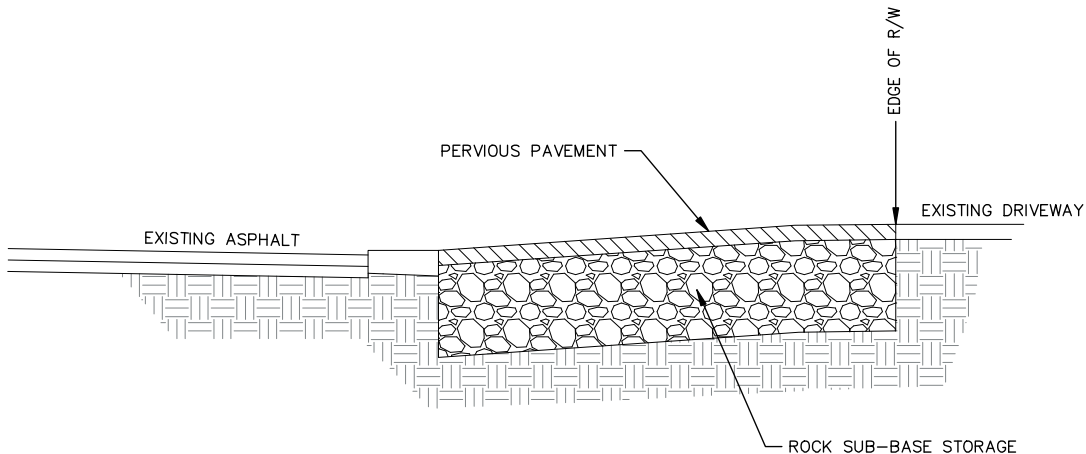
The shaded area will likely contain two types of pervious pavement with a water storage area underneath. One type of pervious pavement would be used for the driveways, such as porous concrete, while a different type would be used between the driveways, such as a gravel-based product.



PLAN VIEW
SCALE: 1"=20'

Sketch 2 - View of Proposed Project from the Side

Runoff from roofs and driveways will soak through the pervious pavement, flow into the rock layer, and then slowly soak into the ground, where the soil will act as a filter to help remove pollutants from the stormwater. This will better mimic conditions before development.



SECTION A
N.T.S.