

Woodland Avenue + Hartley Park Green Infrastructure

A joint project of St. Louis County and City of Duluth

When it rains, salt, sand, litter, and other pollutants from Woodland Ave. and 117 acres of the Woodland neighborhood currently flow directly into Tischer Creek. The County and City of Duluth are working together to design and build a system of vegetated basins (green infrastructure) to capture and filter a portion of Woodland Avenue runoff. This will provide many benefits to Hartley Park and Tischer Creek.

The new treatment system will capture sediment and pollutants by diverting runoff to an underground pretreatment vault, a stormwater pond and a series of vegetated basins. Erosion along the creek will be reduced by slowing the flow of runoff. The cost to design and construct the new green infrastructure will be paid for using federal and state grants and County funding.

The project will make use of an area in the northeast corner of Hartley Park that is heavily infested with buckthorn and other invasive plants. This area currently has no trails and is not planned to have trails in the future. The project is expected to improve park aesthetics and habitat by replacing invasive vegetation with a wide variety of native upland and wetland vegetation that benefit butterflies, birds and other wildlife.

The project is in the design and environmental review phase, with construction and planting planned for 2024 and/or 2025. Work to remove invasive plants will occur in 2023 and continue after construction to help the new native vegetation becomes successfully established.

Primary Project Goals

1. Treat stormwater runoff that currently flows right into Tischer creek to improve water quality
2. Improved trout habitat in Tischer Creek
3. Avoid negative impacts to the park and Hartley Nature Center



For more information please see the project website

www.duluthmn.gov/parks/parks-planning/progress-in-the-park/woodland-hartley-green-infrastructure/



Or contact Carol at St. Louis County Public Works at 218-625-3862 or City's Natural Resources Coordinator at 218-576-8068

Hartley Park Green Infrastructure
St. Louis County, MN

Preferred Green Infrastructure Concept
March 2023

