

CASE STUDY



PROJECT DETAILS

Project Name:

Ramsey County Ditch
and Twin Lakes Trail

Location:

Roseville, MN

Owner:

City of Roseville

Product Manufacturer:

County Materials
Corporation

Date:

2021

Key Products:

Reinforced Concrete Pipe
and Precast Components

County Materials' Reinforced Concrete Pipe and Concrete Box Culverts Aid in Roseville, Minnesota Storm Water System Expansion

Solutions: Concrete pipe and precast components provide efficient storm water system

The City of Roseville, Minnesota planned to construct a new trail for community members. City officials sought a durable and reliable solution to expand their existing storm water system and mitigate water under the new trail corridor.

County Materials' Reinforced Concrete Pipe and Precast Components offered an ideal storm water management solution. Concrete pipe is a durable material that withstands rust, fire, tearing, and buckling. Manufactured using wire reinforcement, concrete pipe offers unmatched strength and requires minimal maintenance throughout its extended service life that can reach 100 years or more. Concrete pipe also resists flotation, which can protect communities from washouts and flood damage.

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County Materials' readily available reinforced concrete pipe and efficient delivery service offers significant time savings, meeting tight construction schedules. Manufacturing concrete pipe consumes less energy than alternative materials, as it is made of abundant natural and locally available materials.

County Materials manufactured and delivered more than 2,450 LF of reinforced concrete pipe, 10 storm manholes, and 72 LF of concrete box culverts. The new storm water system will efficiently mitigate all storm water under the new trail system, reducing erosion and flooding concerns.



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