

From: [rrwd](#)
To: [Moriya Rufer](#); [Fischer, Matthew \(BWSR\)](#)
Subject: FW: Roseau River 1W1P
Date: Tuesday, February 14, 2023 9:22:17 AM
Attachments: [Roseau River 1W1P - Roseau Stormwater Project Add.pdf](#)
[Roseau Flood Mitigation Final.pdf](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Todd Peterson <tpetersn@city.roseau.mn.us>
Date: 2/14/23 9:16 AM (GMT-06:00)
To: "Tracy Halstensgard (rrwd@mncable.net)" <rrwd@mncable.net>, 'Roseau River Watershed District' <rrwd.mn@gmail.com>
Cc: "Jeff Langan (jlangan@houstoneng.com)" <jlangan@houstoneng.com>, David Johnson <djohnson@houstoneng.com>
Subject: Roseau River 1W1P

Good morning Tracy,

The City of Roseau would like to request a project addition to the Roseau River 1W1P document for the City of Roseau before it is adopted to include the West Side stormwater project. See attached materials. Sorry this is so late, but this was just recently developed in response to concerns from MnDOT in the reconstruction of TH 89 project. Let me know if you have questions.

Thanks,



Todd Peterson, Community Development Coordinator

City of Roseau

121 Center Street E: Suite 202

PO Box 307

Roseau, MN 56751

218-463-5003 Office

218-689-0047 Cell





February 14, 2023

121 Center Street East
Suite 202; PO Box 307
Roseau, Minnesota 56751

218.463.1542
218.463.1252 FAX
cityclerk@mncable.net

Ms. Tracy Halstensgard
Administrator
Roseau River Watershed District
714 6th Street SW
Roseau, MN 56751

Re: Request for Inclusion of West Side Storm Water Improvement into Roseau River One Watershed One Plan

Dear Tracy:

The City of Roseau hereby requests an amendment to the Roseau River One Watershed One Plan document, prior to its adoption, to include the a West Side Stormwater system upgrade to alleviate localized flooding along the TH 89 corridor including areas around Polaris Industries and the West Side Trailer Court. This project was recently developed to address stormwater deficiencies resulting from more frequent and intense rainfall events in the city of Roseau. This storm water project would not only alleviate flooding issues at Polaris and the West Side Trailer Court, but also address flooding along the TH 89 corridor which currently restrict MnDOT from being able to make requested roadway safety improvements. Please let me know if you have any questions on this project. Attached is a fact sheet outlining the project need, costs, and plan.

Respectfully,

Todd Peterson
Community Development Coordinator

Attachment

City Council

Dan Fabian-Mayor
Amy Bassingthwaite
Mary Hayes
Pat Novacek
Brady Johnson

City Dept. Heads

Todd Peterson
Community Dev. Coord.
David Drown
City Superintendent
Marc Hodge
Chief of Police
Nicole Johnson
Liquor Store Manager
Leon Huot
Fire Chief

Administrative Staff

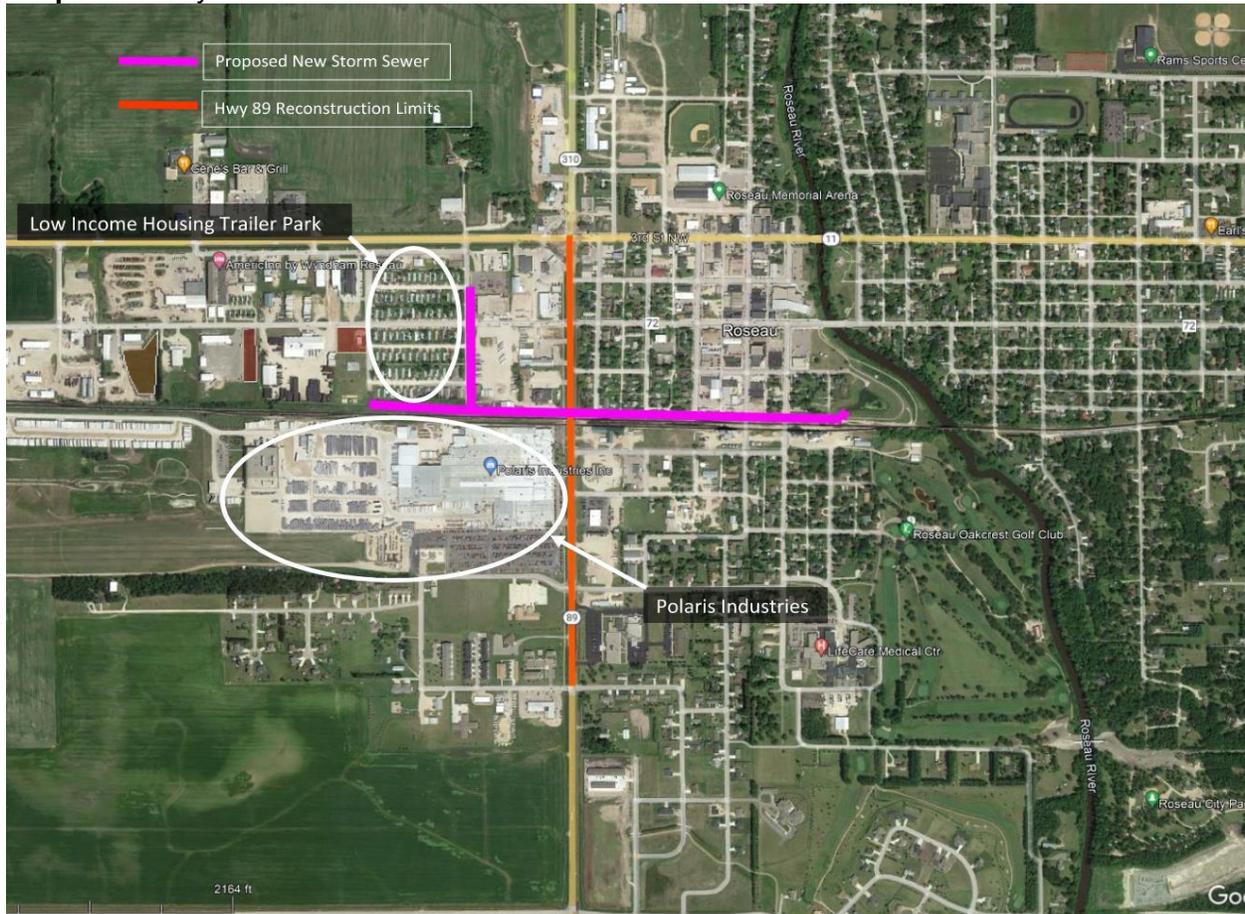
Elizabeth Carlson
City Clerk-Treasurer

www.city.roseau.mn.us

Equal Opportunity Provider and
Employer

City of Roseau Storm Sewer Reconstruction

Proposer: City of Roseau



Description/Purpose:

In the summer of 2019, a rain event occurred in the City of Roseau creating significant flooding of Polaris' manufacturing facility, resulting in a 24-hr shutdown of the plant and the loss of several hundred thousand dollars of revenue. Unfortunately, this type of flood event is becoming a common occurrence in this part of Roseau, due to more intense rainstorms. In the past five years, similar rainfall events have occurred three other times pointing to the increasing frequency of intense rainfall events from a changing climate. In addition, to the Polaris Facility, flooding impacts a low-income housing area, numerous streets, parking lots, and other businesses. It should be noted that minor flooding of the low-income housing area occurs nearly annually. Outdated rainfall design data, which was used to design the current storm sewer pipe sizes, has created these flooding problems. MnDOT has programmed reconstruction of Hwy 89 through the city for the 2027 construction season. Storm sewer capacity improvements are required to accommodate and protect the proposed highway investment. The city is responsible for necessary storm sewer improvements, and if these improvements are not made, the project will not proceed. The solution to eliminate the current flooding conditions is to upsize the storm sewer system serving the west side of the City to be resilient during these more frequent heavy rain events. This project proposes to replace 5,000 lineal ft of existing storm sewer pipe with an appropriately sized system designed to accommodate projected storm events, thereby eliminating the current flooding issues. Reconstruction of the storm sewer provides necessary improvements needed for the Hwy 89 project to proceed, while also eliminating the current flood risk to the low-income housing area, Polaris Facility, adjacent streets, parking areas, and local businesses.

Project Benefits

Provides a resilient infrastructure solution to the increased climate-induced flooding of a low-income housing community, Polaris' manufacturing facility, local businesses, streets, and city infrastructure; also provides the ability to proceed with the MN Hwy 89 reconstruction project that significantly improves safety and mobility for pedestrian, bicyclist, motor vehicle and trucking operations.

Status: Currently in Preliminary Design Phase, Construction Ready in Fall of 2023.

Project Total Cost \$4.83 Million

Engr/Proj Dev Costs = \$50,000

CM costs = \$80,000

Capital Cost of project = \$4,700,000

Funding Request

Federal Funds = \$2,415,000

State FDR Funds = \$1,915,000

City of Roseau = \$500,000

Photo 1: 2019 flooding of Polaris operating floor



Photo 2: 2019 flooding of businesses along TH 89 due to inadequately sized storm sewer

