

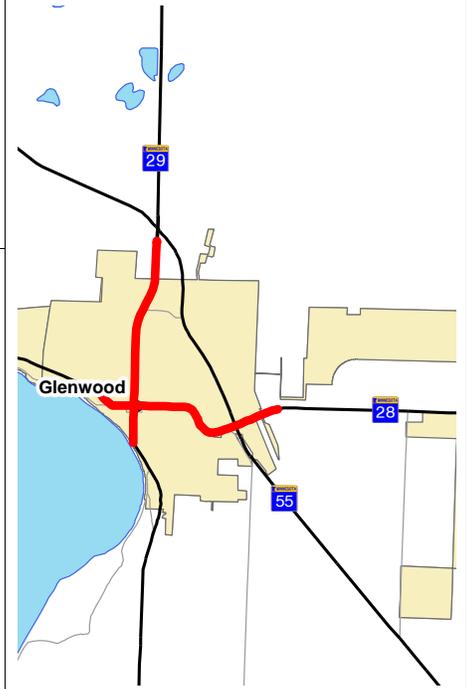
# PROJECT SUMMARY

Hwy 28

Hwy 28, Hwy 29, Hwy 104 - Glenwood

State Project No. 6103-32

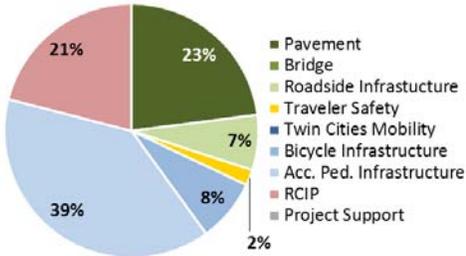
<http://www.dot.state.mn.us/D4/projects/Glenwood>



## Primary Purpose:

Performance-based Need: Pavement Condition

## Investment Category:



## Project Description:

4 miles of bituminous rehabilitation on Hwy 28, Hwy 29 & Hwy 104 in the City of Glenwood. The project also includes: ADA pedestrian ramps, sidewalk, signal system, 5 blocks of Complete Streets improvements and a realignment to address a flooding issue on Hwy 28 near the fairgrounds.

## Recent Changes and Updates

Complete Streets portion of the project was approved, which includes improvements and facilities for bicycles and pedestrians. Hydraulic flooding issue mitigation design was approved. Predesign contract is complete. Final design contract is initiated. A project that was awarded Transportation Alternatives Program funding will be constructed in conjunction with this project.

## Project History:

This project includes ADA, Complete Streets, bituminous overlay, and hydraulic flooding issues that need to be resolved.

## Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2014

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 7.3	\$ 8.7
Other Construction Elements:	\$ 0.5	\$ 0.6
Engineering:	\$ 1.4	\$ 1.7
Right of Way:	\$ 0.0	\$ 0.0
<b>Total:</b>	<b>\$ 9.2</b>	<b>\$ 11.0</b>

*Construction cost estimates are adjusted to the mid-year of construction, using inflation rates provided by OTSM.*

## Key Cost Estimate Assumptions:

Estimate dated 8-20-15. Used 14% inflation for 2018. \$1M City of Glenwood Complete Streets participation. \$100,000 City of Glenwood participation for grade raise for flooding issues. Estimate increased due to the addition of grade raise costs, increased traffic control cost, addition of ADA and sidewalks outside of Complete Streets and increased mobilization cost.

## Project Risks:

Consultants will be used for predesign and final design. Predesign contract for Complete Streets could exceed scope. Hydraulic/flooding area could result in Hwy 28 realignment. City participation costs, ADA, sidewalk, access control.

## Schedule:

Environmental Approval Date: Pending Approval  
 Municipal Consent Approval Date: Pending Approval  
 Geometric Layout Approval Date: Pending Approval  
 Construction Limits Established Date: Pending Approval  
 Original Letting Date: 02/16/2018  
 Current Letting Date: 10/27/2017  
 Construction Season: 2018  
 Estimated Substantial Completion: October/2018



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**District Engineer:** Jody Martinson  
**Project Manager:** Thomas Pace

**Revised Date:** 12/15/2015