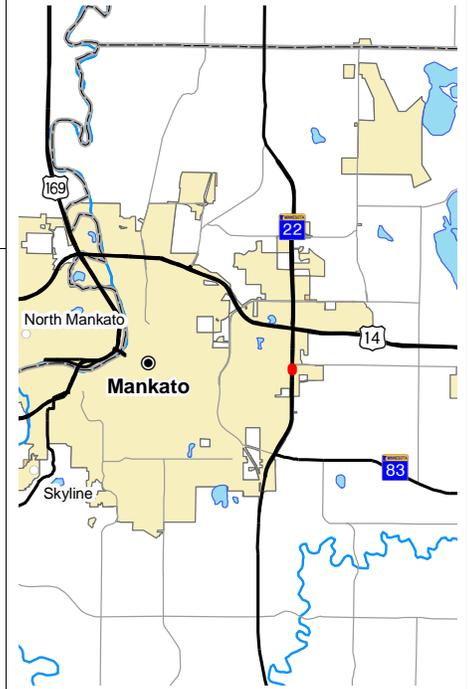


# PROJECT SUMMARY

Hwy 22  
 Mankato, from Hwy 83 to County Road 36  
 State Project No. 0704-88

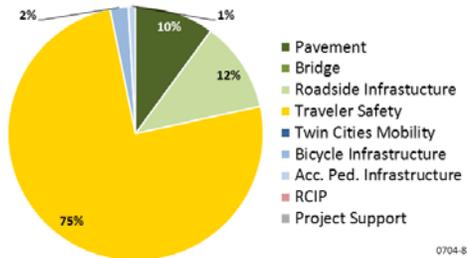
**Substantially Complete**



## Primary Purpose:

Performance-based Need: District Safety Plan

## Investment Category:



## Project Description:

The project consists of constructing roundabouts on Hwy 22 at the intersections of Madison Avenue and Adams Street, rehabilitating concrete pavement, and installing flashing yellow arrows at intersecting side roads.

## Recent Changes and Updates

Project construction is substantially complete.

## Project History:

MnDOT partnered with the city and county to optimize construction staging, and to minimize the duration of impacts to businesses with an accelerated construction schedule. The project limits were extended to address traffic signal modifications at the surrounding intersections. Constructing the roundabouts will improve safety and reduce signal delay. The signalized intersections of Hwy 22 with Madison Avenue and Adams Street had the highest crash rating in District 7, so this project will greatly enhance safety.

An extensive educational campaign was implemented to educate drivers on navigating multilane roundabouts. Construction began in May 2014 and the roadway was open to traffic at the end of August 2014.

## Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2011

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 6.6	\$ 7.2
Other Construction Elements:	\$ 0.4	\$ 1.0
Engineering:	\$ 1.3	\$ 1.3
Right of Way:	\$ 0.0	\$ 0.0
<b>Total:</b>	<b>\$ 8.3</b>	<b>\$ 9.5</b>

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

## Key Cost Estimate Assumptions:

The project's construction was accelerated with the completion in one construction season. The letting cost includes the city and county share of \$2.6 million for cost sharing on Madison Avenue and Adams Street. The construction letting was based on the low bid received.

## Project Risks:

There could be additional construction costs associated with an accelerated construction schedule and with the extent of construction staging and traffic control. The project bid included a contract time component with an incentive/disincentive if the construction is completed early.

## Schedule:

Environmental Approval Date: 11/15/2013  
 Municipal Consent Approval Date: Not Needed  
 Geometric Layout Approval Date: 6/10/2013  
 Construction Limits Established Date: 06/10/2013  
 Original Letting Date: 01/25/2014  
 Current Letting Date: 02/28/2014  
 Construction Season: 2014  
 Estimated Substantial Completion: Fall 2014



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**District Engineer:** Greg Ous  
**Project Manager:** Glen Coudron

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