



Mankato multi-lane roundabouts designed to improve safety and address future road congestion



Madison Avenue roundabout. Photo by John Cross

Highway 22 roundabouts in Mankato

Project description

Between 2011 and 2013, the Highway 22 intersections at Adams Street and Madison Avenue in Mankato had the highest crash rating in MnDOT District 7, an area that includes 13 counties in south central Minnesota. Studies recommended roundabouts at the two intersections to improve safety and decrease traffic delays. Flashing yellow-left-turn arrow signals and sidewalk improvements also were recommended. The intersections were built simultaneously in a very condensed time frame. Construction started on June 9 and the project opened for traffic on August 25. “High early” concrete was used in all of the paving to expedite construction.

MnDOT partnered with the City of Mankato and Blue Earth County to schedule the construction detours to have as a little disruption to business and residents as possible. They also had to factor in the increased traffic due to the Minnesota Vikings training camp and the late summer return of thousands of college students to the area.

Project date

June through August, 2014. View the [time-lapse video](#) of the project.

Additional project details

33,392 square yards of concrete pavement and 54,100 square feet of concrete sidewalk were placed, and 10,700 lineal feet of curb and gutter. Despite a significant rain delay the third week of June, the project was completed ahead of schedule.

Team

Owner: MnDOT

Design Engineer: TKDA

Public Communications: Richardson, Richter & Associates, Inc., St. Paul.

General Contractor: Mathiowetz Construction, Sleepy Eye.

Concrete Contractor: Hoffman Concrete, Inc., Mankato.

Ready Mix Supplier: Cemstone, Mendota Heights.

For more information about this project, call Glen Coudron, project manager, Minnesota Department of Transportation, 507-304-6165, or email him at glen.coudron@state.mn.us.