



County Highway 101 –Spencer to Marschall Road (CH17) Corridor Plan

Study Years:

2009-2010

Study Area:

CSAH 101 from
Spencer Street to CH
17

Partners:

- City of Shakopee
- Scott County

Need/Purpose:

County Highway (CH) 101 is a minor arterial roadway providing a significant regional transportation connection across the Minnesota River, connecting Carver and Scott Counties, in a steadily growing region of the southwest metro area. In its current configuration, CH 101 will likely reach a point in the next decade when congestion will be so great that excessive corridor delays will occur during busy morning and evening travel periods.

The CH 101 Infrastructure Replacement project undertaken in 2011 was needed to restore the full function of the road, replace the deteriorated pavement, restore roadway drainage, and improve safety through the elimination of targeted direct accesses. This reconstruction project was done to fulfill the turnback agreement with Mn/DOT (Former TH 101) and it provided the County with the opportunity to rebuild the roadway to meet future needs for the community and the highway system.

Key Policy Recommendations:

- The roadway right-of-way for the 5-lane section shall remain 80' total width. Ultimately the right-of-way will be 100', with a widening of 10' on each side.
- Public street intersections on CH 101 will be permitted at the intersections with median openings only at Spencer Street, Market Street, Naumkeag Street, and CH 17.
- As development occurs, highway right-of-way shall be preserved in order to provide for additional sidewalk enhancements and snow storage.
- All private access points should be eliminated from CH 101 or relocated to side streets through redevelopment or as opportunities present themselves.
- The corridor shall be monitored for conditions that warrant the upgrading to the 4-lane divided section. Meeting any two or more of the conditions outlined below warrants the implementation of the median.
 1. Traffic Volumes – When Average Annual Daily Traffic (AADT) volumes on CH 101, west of CH 17 and east of the river bridge exceed 30,000 vehicles per day
 2. Side Street Delay – When side street delays exceed 50 seconds (LOS F)
 3. Crash Frequency – When five or more crashes at a single intersection of types susceptible to correction by a median have occurred within a 12-month period
 4. Crash Rate – When the crash rate exceeds the state average for a 5-lane roadway



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