



Existing Conditions

Davison County has experienced sustained population growth since the late 1800s, being one of only a few South Dakota counties to retain and attract new opportunities and residents. Growth is welcomed, but it also brings new challenges to the region and exacerbates “old problems” as the demands on the transportation network are continually evolving. Several of these challenges stem from:

- New industrial, commercial, and agricultural development throughout the County.
- Expansion of the Mitchell urban area as development extends outward into the historically rural agricultural areas.
- Shifts in traffic patterns due to new development, transition of rural to urban/suburban land use, re-emergence in the demand for bicycle and pedestrian facilities.
- Freight demand that continues to push the limits of the existing roadway structure.
- On-going financial stress due to revenue streams not keeping pace with infrastructure and replacement needs.

← This map presents issue locations identified by Study Advisory Team Members. Issues along corridors include design, safety, or traffic concerns. Location specific issues include bridge, drainage, or intersection safety.

Miles of County Roadway within Davison County by Surface Material Type

Material	Miles
Gravel	152.8
Bituminous	170.3
Concrete	5.5
Total	328.6

Of the 957 miles of roads crisscrossing Davison County, the County is responsible for maintenance on approximately 330 miles.

Legend

Issue Type

- Bridge
- Drainage
- Intersection
- Traffic
- Corridor
- Photo Locations

- Interstate
- State Highways
- County Roads (paved)
- County & Township Roads (gravel)

- Rail Lines
- Cities
- Davison County

Existing Conditions

The Study Advisory Team (SAT) for the Davison County Master Transportation Plan identified existing conditions and issues that will be addressed by the Study. The map (right) and photos (below) provide an overview of issues and conditions the SAT have identified for the Study.

1



Pavement deterioration along 265th Street.

2



Traffic congestion and frequent safety issues occur along Spruce Street near MTI and the Sale Barn.

3



Steep side slopes present safety concerns along 403rd Avenue.

4



Heavy-truck traffic travelling to/from the Ethanol Plan along 247th Street between SD 37 & 405th Ave.

5



Design and safety issues at the 252nd Street /398th Avenue intersection.

6



Steep side slopes along 265th Street leading into a creek presents safety issues.

7



Bridge issues along 250th Street over James River

8



Surface material change along 247th Street between Davison and Aurora Counties.

9



Rough roadway condition at the intersection of 247th Street and 397th Avenue.

10



Intersection safety and design concerns along 254th Street south of Mount Vernon.

11



Intersection safety and design issues at 264th Street and 411th Avenue north of Ethan.

12



Potential flood and safety concern along corridor adjacent to the James River.