

# Road Construction Design Standards

## County State Aid Highways

The maintenance, construction and financing of CSAH routes are governed by Minnesota Rules, Chapter 8820, Local State-Aid Route Standards, Financing.

## County Roads – Low Volume (Adopted by the County Board July 2010)

The Beltrami County Highway Department is responsible for the necessary construction and design of local road improvement projects to meet Beltrami County needs. The local road improvement projects must meet design standards that assure the safe use of these roads by the public and must also be designed and constructed in the most economical way to meet local funding levels and fiscal constraints. The standards to be used for design and construction of Beltrami County's local (County) roads are the most current version of the American Association of State Highway and Transportation Officials (AASHTO) "Guidelines for Geometric Design of Very Low-volume Local Roads (ADT $\leq$  400)".

## Minimum Standards for Township Roads Maintained by the County

Whenever the Beltrami County Highway Department is contracted to maintain a township road, the town road shall meet the following minimum standards:

The road top shall be a minimum of 28 feet wide.

The road inslopes shall have a minimum slope of 3:1 (H:V).

The ditches shall be a minimum of 2 feet deep and 3 feet in width.

The right of way shall be free of obstacles a minimum of 24 feet out from the centerline of the road.

An adequate turnaround shall be provided if the road is not a thru route.