



### Transportation Mapping

Knowledge of the transportation systems in an around a community is critical for sustainable transportation enhancement planning. Royal's transportation system includes paved and unpaved roadways, sidewalks, pedestrian and bike trails, and abandoned railroad beds.

Royal is bounded on the north by County Road B40 and is bisected along the eastern boundary by County Road M36.

The design team coordinated with Iowa Department of Transportation (DOT) planning staff, the Clay County Engineer, and local public works and maintenance personnel to identify past and future improvements to the community's transportation system. This discussion included topics of maintenance and other transportation-related constraints and opportunities in and around Royal.

Several transportation-related needs include providing opportunities for improved pedestrian infrastructure across current barriers. Improvements to existing roadways to address vehicular/pedestrian conflicts and areas of ponding would also address concerns voiced by the community. The need for better access to civic, cultural and natural destinations, including improved recreational/multi-modal infrastructure, were also noted during inventory of the transportation system.

Items of concern related to transportation systems include incomplete, narrow, and crumbling sidewalks and trails; unsafe intersections; poor connections to community destinations, especially over county highways and near the co-op. High vehicular speed along County Highway M36 and overlapping vehicular, bike, and pedestrian traffic to the park were also mentioned by residents.

<p><b>Actives</b></p>  <p>"We sometimes walk all the way down through the new addition, make a circle."</p>	<p><b>Youth</b></p>  <p>"Yeah, so if we want to walk to the park, we have to walk on the highway."</p>	<p><b>Parents</b></p>  <p>"There's no safe [route] from downtown to the park for the kids... no marked route, no anything."</p>
<p><b>Older Adults</b></p>  <p>"There's a lot of sidewalk where it is so uneven or crumbling that I'd rather go out in the street..."</p>	<p><b>Mobility Impaired</b></p>  <p>"My biggest fear is falling, and so even with a cane, you hit a slick spot... and that's all it takes."</p>	<p><b>Steering Committee</b></p>  <p>"You can't access the park north of the elevator without walking on... First [Avenue], which First [Avenue] is the county blacktop."</p>