



Transportation Map - Map Source: Iowa Department of Natural Resources, "Natural Resources Geographic Information Systems Library," accessed April 2016.

Transportation Mapping

Knowledge of the transportation systems in and around a community is critical for sustainable transportation enhancement planning. Transportation systems include paved and unpaved roadways, pedestrian and bike trails, waterways, railroad lines or railbeds from abandoned railroad lines and airports. During the transportation meeting, we learned that there is an insufficient amount of pedestrian trails/designated routes throughout Kalona. Lack of pedestrian connections creates a disconnect between different areas in and around Kalona; some key areas include: the downtown business district, the elementary and middle schools, the Historical Village and the Kalona City Park. Highways 1 and 22 also factor into the need for pedestrian connections. Both roads experience high levels of traffic that create barriers throughout the community. Kalona also experiences various issues with water around town; some issues include: flash flooding, ponding/standing water in low areas with poor-draining soils and streambank erosion on both creeks that run north-south through city limits.

The city of Kalona benefits from several local attractions, including its strong Mennonite and Amish population, Historical Village, countryside businesses, and Quilt and Textile Museum. However, many of these amenities need better access to other parts of the community. The design team used this information to explore opportunities for improving safety and cohesiveness throughout Kalona.



Building Impedes Visibility at Highway 22 and 4th Street



Streambank Near 11th Street and J Avenue



Amish Buggy Traveling Down Highway 22



SE Corner of Highways 1 and 22

Kalona

Transportation Inventory and Analysis

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Iowa Department of Transportation

Trees Forever

ISU Landscape Architecture Extension

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