



Map Source: Iowa Department of Natural Resources, "Natural Resources Geographic Information Systems Library," accessed May 2016



Railroad Intersection at South Western Avenue



Front Street Looking West



Front Street Looking East Toward High School Recreational Facilities

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 of a few key areas in town where transportation, both vehicular and pedestrian, was conflicting or lacking due to poor existing site conditions. Pedestrian traffic is cut off from certain areas like the high school and recreational fields, as sidewalks are not continuous throughout the city. High truck and railroad traffic also causes concerns for safety, as there is only one marked railroad crossing for pedestrians and an increased amount of semis driving through town to reach the ethanol plant.

The city of Stuart benefits from several amenities, including the Lawbaugh City Park, Stuart Sports Complex, ½ mile walking/biking trail, and Stuart Recreation Center. However, pedestrian access and proper signage to these amenities is currently lacking. The design team used this information to explore opportunities for creating connections within city limits and to nearby amenities.

Stuart

Transportation Inventory & Analysis

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Iowa Department of Transportation Trees Forever ISU Landscape Architecture Extension ISU Extension Community and Economic Development

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