



Transportation Inventory & Analysis

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, and railroad lines or railbeds from abandoned railroad lines, and airports.

The Greene visioning design team met with DOT personnel and local officials to identify existing, past, and future transportation systems in the area and to discuss possible transportation related restraints and opportunities that could potentially affect project areas.

A major transportation issue in Greene is the intersection of County Road C13 (South Street) and Iowa Highway 14, due to poor sight lines, high speeds, and confusing traffic signs. The addition of a new Dollar General and Casey's General Store on Iowa Highway 14 near the intersection and traffic from the nearby new Emergency Medical Services building on West Ely Street will only further complicate the issues, especially for anticipated pedestrian access. Iowa Highway 14 with the local co-op on the north side of town is a busy thoroughfare for farm traffic. In addition, Iowa Highway 14 and South Street/Traer Street is the main route for high school students driving to and from North Butler High School, which includes students from Allison and Greene. A left turning lane on Highway 14 is being planned for entry into the Dollar General Store. A study will be completed once the Casey's General Store is completed to see whether additional safety measures need to be implemented at or near this intersection.

The "Old Highway Trail" the abandoned Highway 14 section, is one of two off-road trails within Greene. The community would like to see longer trails and possibly a connection to the Rolling Prairie Trail (reference: Desired Improvements, board 3f). The community would like improvements on the "Old Highway Trail" such as trees and benches. Codie Leseman from INRCOG explained that a push towards creating share-the-road routes is happening due to the expense of off-road paved trails. A recent study by INRCOG indicates which roads around Greene are most suitable as share-the-road options. No off-road trail connections are planned.

Perrin Park has a walking loop around the perimeter on an existing dike. The dike creates a bowl effect that retains water after a flood. The city must pump the park each time it floods. Currently, there are no ADA-accessible walking paths to the playground within the park (reference: Barriers, 3d).

Another popular walking route is the "two-mile loop" located along 4th Street, Pine Street, 5th Street, and Courtland Avenue. This route has sidewalks but a 4-foot-wide sidewalk will not comfortably accommodate a couple walking together; therefore, most recreational walking is done on the streets. The north side of 4th Street is narrow, causing concerns for pedestrians.

1st Street will be reconstructed in 2019 and is a desired pedestrian route to and from the golf course that requires crossing Iowa Highway 14, as does Highland Drive to Floyd Line Street, another desired walking route for residents.



Intersection of County Road C13 and Iowa Highway 14



"Old Highway 14" walking trail is viewed as an asset by the community (reference: Assets, board 3e)



A dike with a walking trail on top in Perrin Park keeps water in the park during major flooding events (reference: Assets, board 3e)



"Two-mile loop" walking route needs better lighting (reference: Barriers, board 3d)



Intersection of 1st Street and Highway 14 is difficult for pedestrians to cross (reference: Barriers, board 3d)



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