

## Transportation Inventory and Analysis

Knowledge of the transportation system in and around a community is critical for sustainable transportation enhancement planning. The transportation system for Riverside consists primarily of a network of roadways, sidewalks, and a recreational trail. The old railroad line was transformed into a multi-use recreational trail that runs from the western city limits to just west of US 218.

US 218, also known as Avenue of the Saints, is a multi-lane expressway that is part of the route linking St. Louis with the Twin Cities in Minnesota. It is also the major north-south road to Riverside. Based on the lowa Department of Transportation's Average Daily Traffic Count in 2018 there was an average of 14,700 – 20,000 vehicles traveling past the US 218/Highway 22 interchange.

Highway 22 is the dominate east-west roadway through Riverside, including the downtown, and one of the most traveled two-lane highways in lowa. The east-west streets that lie south of the highway were part of the original settlement and are slightly angled because they were constructed when the railroad was active. Visibility issues for both pedestrians and motorists attempting to cross or turn onto Highway 22 exist where these angled streets intersect it. High traffic speed is of concern along Highway 22 within the city limits, as well as the small turning radii that result in eroded shoulders.

The English River borders the south edge of the original platted city. This river is difficult to access due to a combination of siltation and the disrepair of the city's boat ramp. The lowa River borders the eastern city limits, but presently, the city does not have public access to it.

Although the city has been embarking on sidewalk and street improvement projects, there are still areas within Riverside where sidewalk accessibility, walkability, and connectivity need to be addressed. There are also streets and intersections where visibility, circulation, and traffic-calming measures and enhancements are needed, such as at intersections along Ella Street and Schnoebelen Street. The downtown area also lacks sufficient parking, especially in higher traffic areas.

Overview Map of Riverside Highlighting Existing Transportation Related Features

## Riverside

Transportation Inventory

## Martin Gardner Architecture

Designer: Kyle Martin, Landscape Architect: Meg Flenker Intern: Zahra Salahshoor

Iowa State University | Trees Forever | Iowa Department of Transportation

