

Green Street Bikeway Overview

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Project Goals

- Increase the safety of all street users
- Provide a north – south connection for people bicycling from WSU to the Uptown, New Salem, and Murdock neighborhoods
- Improve major roadway crossings for people bicycling
- Implement the Wichita Bicycle Master Plan

Project Description

The Green Street project includes the design and construction of approximately 2.7 miles of on-street bikeways (including bike lanes and shared lane markings). The draft route would travel north/south connecting the Wichita State University and Uptown Neighborhood. The draft bikeway is proposed to travel on Grove Street, Green Street, 11th Street, Volutsia Avenue, 18th Street, Stadium Drive and other roadways between Grove and Hillside.

- Bike lanes designate a portion of the roadway has been designated by pavement markings (and may include signage) for the preferential or exclusive use of people bicycling.
- Shared lane markings are markings applied to a travel lane to guide people bicycling along a recommended bicycle route, and to remind drivers to expect people bicycling along the street.

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Traffic

Crashes

The KDOT crash data from 2004-2008 show that 15 crashes involving motor vehicles and bicyclists occurred within 0.5 miles of the project corridor. The rate of 5.5 crashes involving a motor vehicle and bicycle per mile is nearly 61 times higher than the countywide rate of 0.09 motor vehicle and bicycle crashes per mile of roadway for the same time period.

Transportation Access and Destinations

As part of the Wichita Bicycle Master Plan recommended Bicycle Network, the Green Street Bikeway project will provide connections between destination and origins from WSU to the Uptown Neighborhood. Below is a listing of destinations along the project corridors.

Bikeways

Existing Bikeways

- 1st and 2nd Street bike lanes
- 3rd Street Path
- Redbud Path

Recommended / Future Bikeways

- 11th Street Bicycle Boulevard
- 15th Street Shared Lane Markings
- 17th Street Bike Lanes
- 18th Street Bicycle Boulevard

Employment Centers

The Green Street Bikeway will provide access from residential areas to the Wichita State University campus, one of the largest concentrations of jobs in the region. Approximately 524 places of employment with approximately 10,953 employees are located within 0.5 miles of the proposed Green Street Bikeway route.

Entertainment and Cultural Destinations

The 1st Street and 2nd Street bike lanes will help improve access to many entertainment and cultural destinations, including but not limited to those on the Wichita State University Campus. Listed below are the top five employment centers within 0.5 miles of the proposed bikeway.

- Wesley Medical Center
- Wichita State University
- East High School
- Sedgwick County Health Department
- City of Wichita (police station, recreation center, and neighborhood city hall)

Residential Neighborhoods/Districts and Schools

The Green Street Bikeway will provide access to the following neighborhood associations.

- A. Price Woodard

- Murdock
- New Salem
- Northeast Central
- Elm
- Uptown

The Green Street Bikeway will provide access to the following schools

- Wichita State University
- Spaght Magnet Elementary School
- Isley Magnet Elementary School
- Mathewson Jr. High School
- East High School

Wichita Transit Bus Routes

The Green Street Bikeway route will provide access to the following Wichita Transit routes.

- East 13th
- East 17th
- East Central

Percentage of a community, region, or state population benefits, access

According to the 2010 Census, 49,513 people reside in the Census block groups within 1.5 miles of the proposed Green Street Bikeway route. This accounts for approximately 12 percent of the City population.

Revitalization

The proposed Green Street Bikeway route provides transportation options for areas where the Census Block Groups report 43% - 88% of residents qualifying as low-to-moderate income households. The route also travels through the A. Price Woodard Neighborhood, a focus area for Habitat for Humanity and the recent location of their Rock the Block event.