



Iowa's Living Roadways

**community
visioning**

designing livable communities, 2018

Wapello, Iowa





"More lighting would be nice for walking at night safely."



"It would be nice to have sidewalks on Roy El side of highway. Ninety-nine percent of kids in town trick-or-treat out here and all have to walk on streets."

"Highway 61 is an extremely busy and [unsafe] corridor. The city needs a traffic signal to break the highway traffic into clusters to make it easier for vehicles and pedestrians to access/cross the highway from side streets."



Introduction

The Iowa's Living Roadways Community Visioning Program is a collaboration involving the Iowa Department of Transportation, the Living Roadway Trust Fund, Iowa State University and Trees Forever. One of the primary objectives of the Community Visioning Program is to assist participants in the process of building livable communities—that is, creating an environment that not only meets residents' basic needs but is also aesthetically appealing.

With assistance from Iowa State University's Center for Survey Statistics and Methodology, ISU visioning program staff conducted a survey to better understand the transportation patterns and behaviors, needs and desires of Wapello residents. Surveys were mailed to 300 randomly selected residents living in Wapello and the surrounding area. To increase the response rate, the study was publicized through the local media and follow-up packets were mailed to nonrespondents.

With adjustments for ineligible respondents (e.g., incorrect addresses, no longer living in the community), the final sample size was 264. A total of 126 people returned surveys, for a response rate of 47.7%. (A response rate of 20% is considered valid.)

Why Do A Survey?

The survey gives the visioning steering committee objective, representative information for the goal-setting phase of community visioning. The quantitative data collected from survey responses complements the qualitative information gathered from the focus groups at the transportation assets and barriers workshop.

The modes of transportation that residents use and the routes they take suggest suitable types of transportation enhancements in these areas. Having a sense for people's willingness to help either financially or with their time is important because many transportation enhancements are funded from multiple sources, including grants, private donations, in-kind contributions, and volunteers. Understanding what types of improvements are important to residents gives the committee insight into how to prioritize projects.

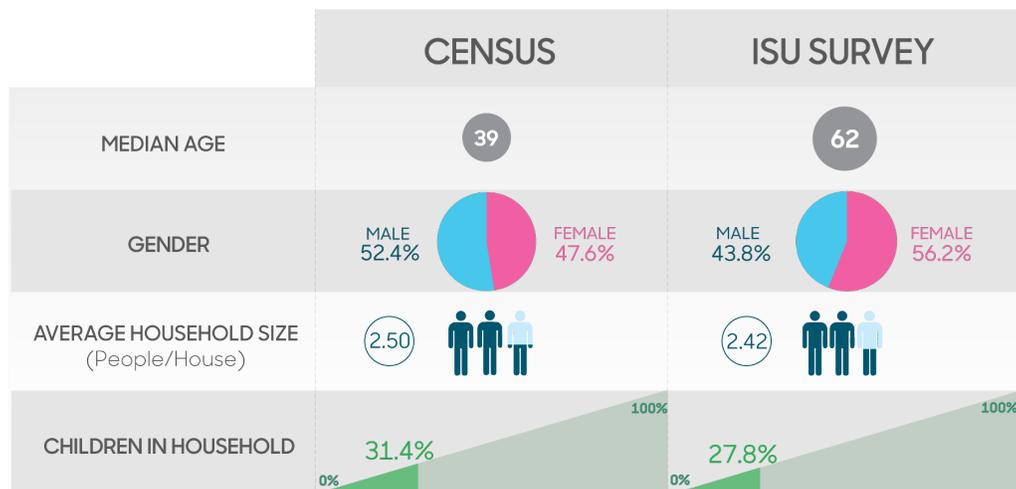
What Did We Find Out?

We asked survey recipients what routes they used most often for going to work, walking, and biking. We also asked whether or not residents would like a recreation trail and where they think it should be. We also discovered what residents think is most important in terms of transportation enhancements that address issues such as accessibility, mobility, and safety. Finally, we learned whether or not residents are willing to contribute their time or their financial resources to making enhancements to Wapello. This series of boards summarizes the results of the survey as follows:

- Willingness to Help
- Enhancement Priorities
- Commuting Routes
- Walking Routes
- Biking Routes
- Desired Trail Routes

How Did We Do?

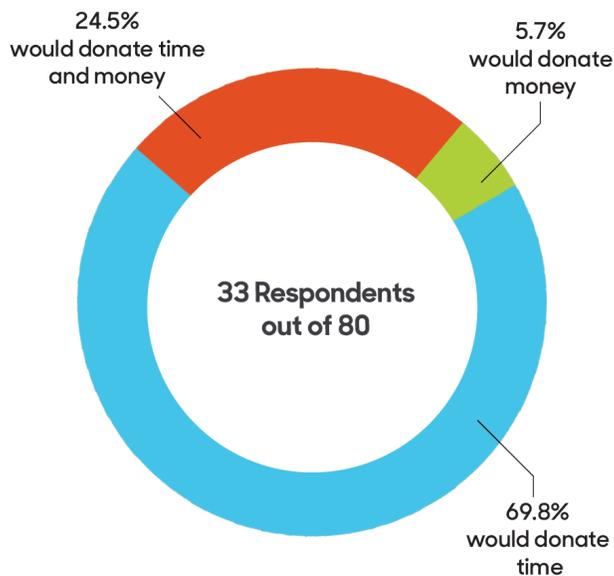
The demographics of the respondents are somewhat different from those obtained from the 2016 American Community Survey Five-Year Estimate. For example, the survey respondents median age of 62 is significantly older than the 2016 estimated average age for Wapello residents of 39. The average household size of respondents is similar to that of the 2016 estimate. In terms of gender and number of children in the household, survey respondents' demographics differ from the 2016 estimates.



Source: US Census Bureau, 2016 American Community Survey Five-Year Estimates.

ARE PEOPLE WILLING TO HELP?

More than 48% said YES!



Willingness to implement change

Most survey participants who answered this question are willing to contribute their time and talent to community improvements (60.6%), while more than 30% would contribute both time and talent and financial help. Nearly 10% of respondents indicated that they would be willing to contribute financially.

Compared to other small towns in Iowa, Wapello residents are more willing to become involved in improving their community. In 2014, on average, 43% of residents in small, rural towns volunteered to help with a community project.¹ Wapello exceeds this average by 5%.

How Do You Get People to Help?

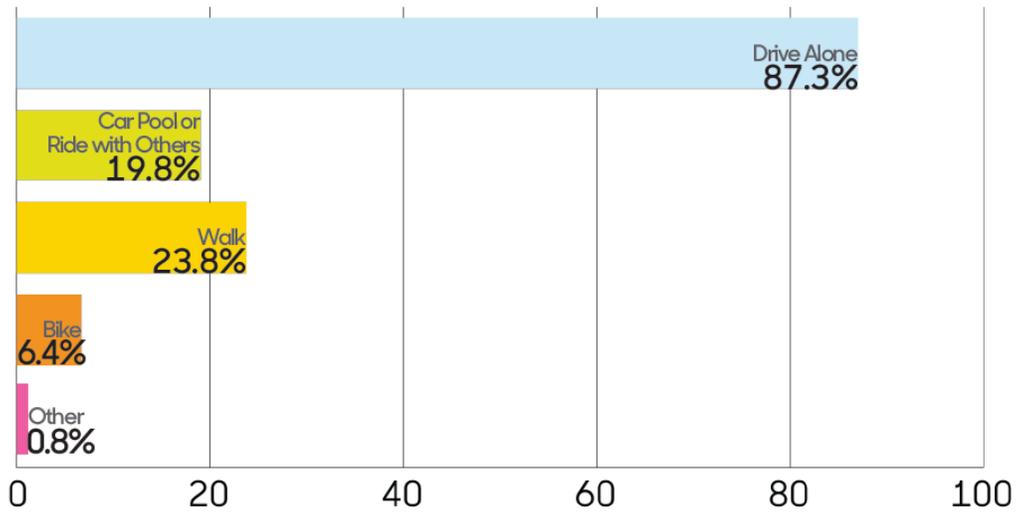
In 2014, the most common reason residents in small-town Iowa said they didn't become involved in community projects is that no one asked them (34%). Twenty-eight percent on average said that they don't have time, which is significantly lower than the 2004 average of 59%. Sixteen percent indicated that they didn't know how to become involved, and 7% said that no community project needed volunteers.¹ These results indicate that the best ways to get people involved in community projects is to simply ask, along with advertising opportunities through traditional and social media outlets.

¹ *Sigma: A Profile of Iowa Small Towns 1994 to 2014* (Ames, IA: Iowa State University College of Agriculture and Life Sciences, 2015).

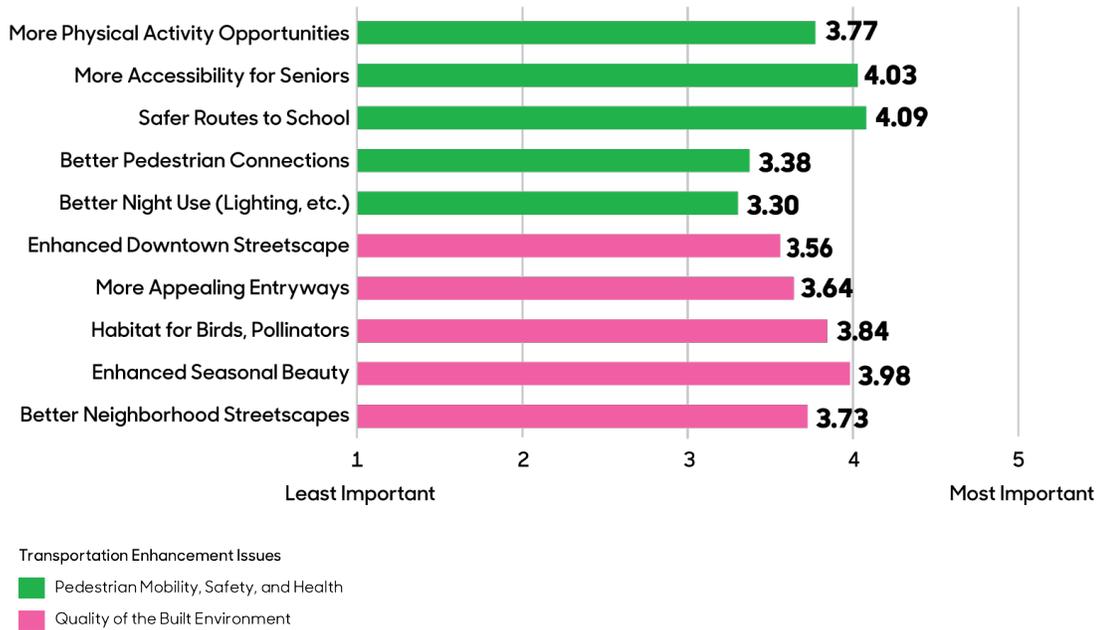
How Do Wapello Residents Travel?

Most survey respondents drive to important destinations such as the convenience store, the post office, school, and church (87.3%). More than 19% car pool or ride with someone else, 23.8% walk, and 6.4% bike.

Please note that some respondents indicated that they use more than one mode of transportation to get to work; therefore, percentages add up to more than 100%.

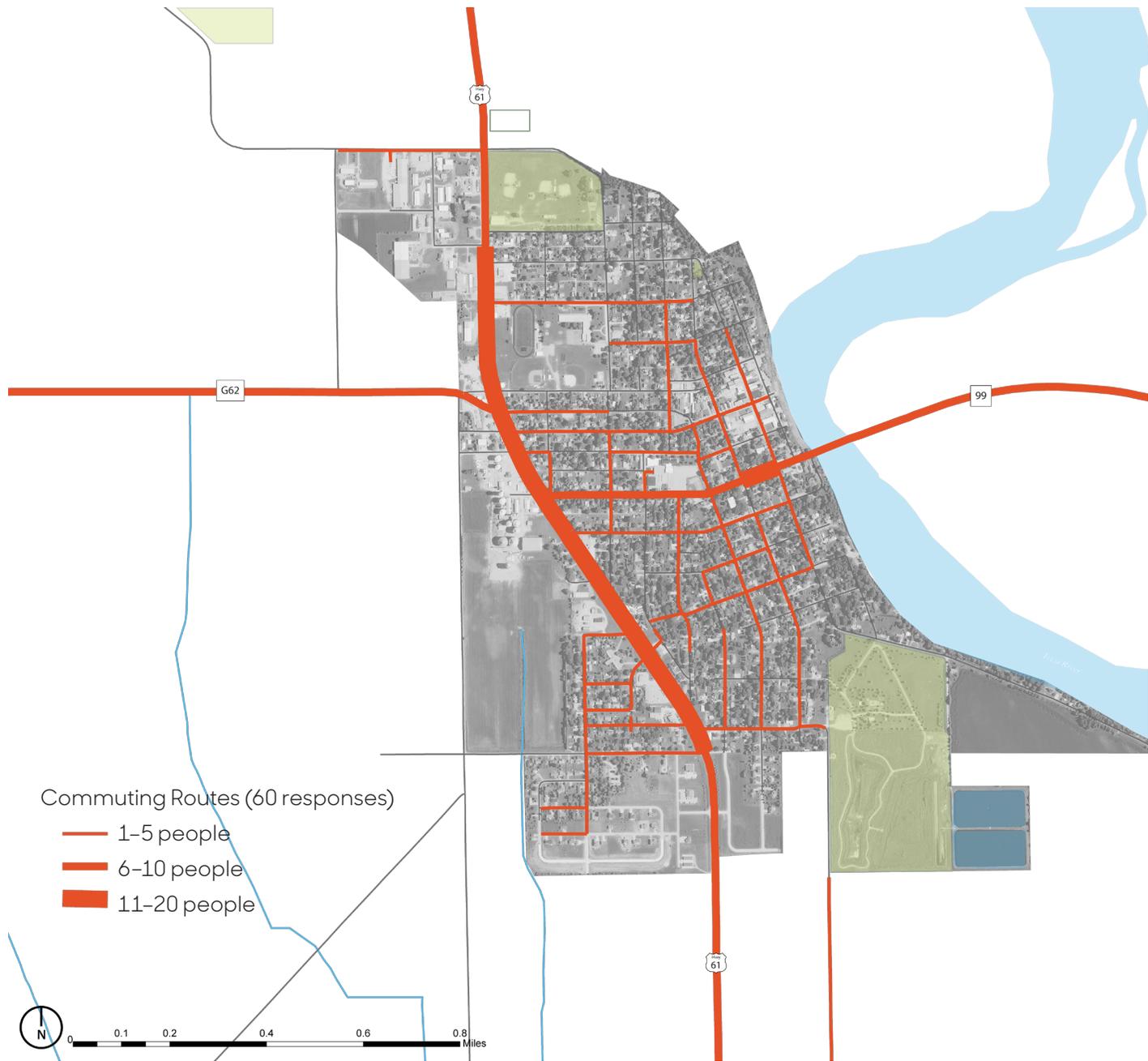


WHAT TYPES OF ENHANCEMENTS ARE IMPORTANT? Mobility, Safety, and Health!



Importance of transportation enhancement by type (100 responses)

On a scale of 1 to 5, with 5 being the most important, participants in Wapello ranked creating safer routes to school as most important, with a mean value of 4.09. Other transportation enhancements that address pedestrian mobility, health, and safety are also considered important, such as providing more opportunities for physical activity (3.77), and accommodating mobility needs of seniors (4.03). In terms of quality of the built environment, enhancing seasonal beauty (3.98) and creating habitat for birds and pollinators (3.84) are considered important. These findings are consistent with the views expressed by focus group participants during the Transportation Assets and Barriers workshop held in April 2018.

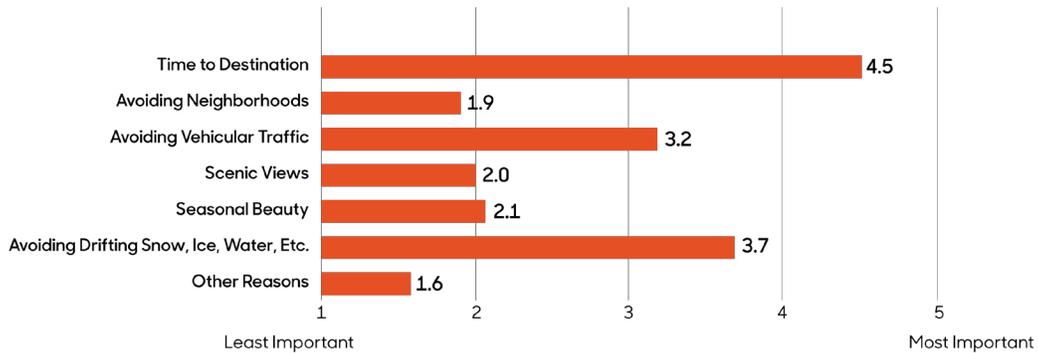


How People Get To Work

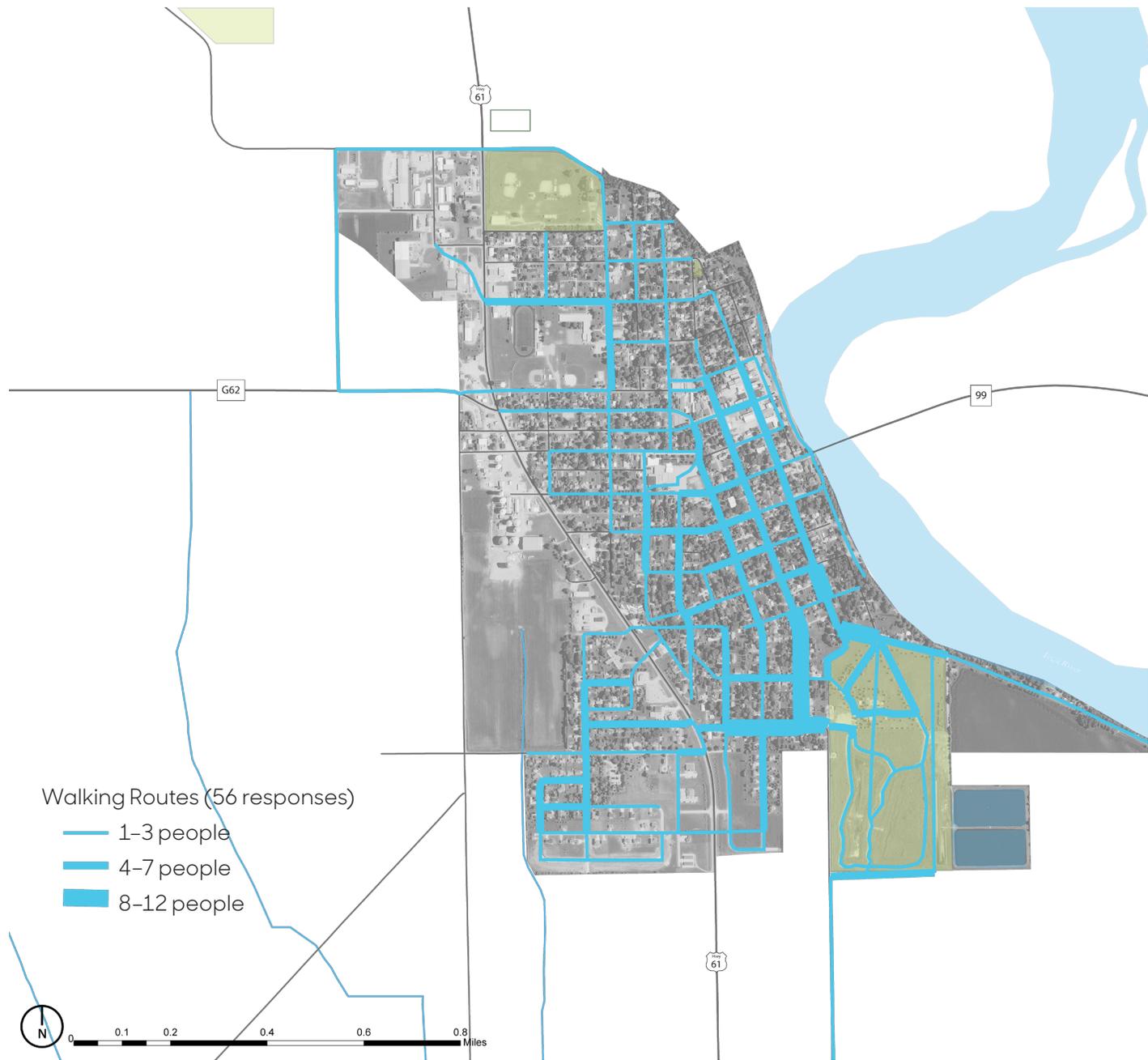
This map shows the commuting routes identified by 60 survey respondents. The frequency that the routes are used is depicted by their thickness, with most frequently used routes being the thickest. The primary commuting corridor in Wapello is Highway 61. Some people also go west on County Road G62 and travel east on County Road X99. In town, Franklin Street is the most heavily traveled, especially between Main Street and North 2nd Street.

The circulation patterns that emerge when routes for biking, walking, and commuting are overlaid suggest suitable types of transportation enhancements. For example, where pedestrian and vehicular traffic intersect, such improvements could include creating better visibility, defining crossing points, or improving signage.

Why They Go That Way



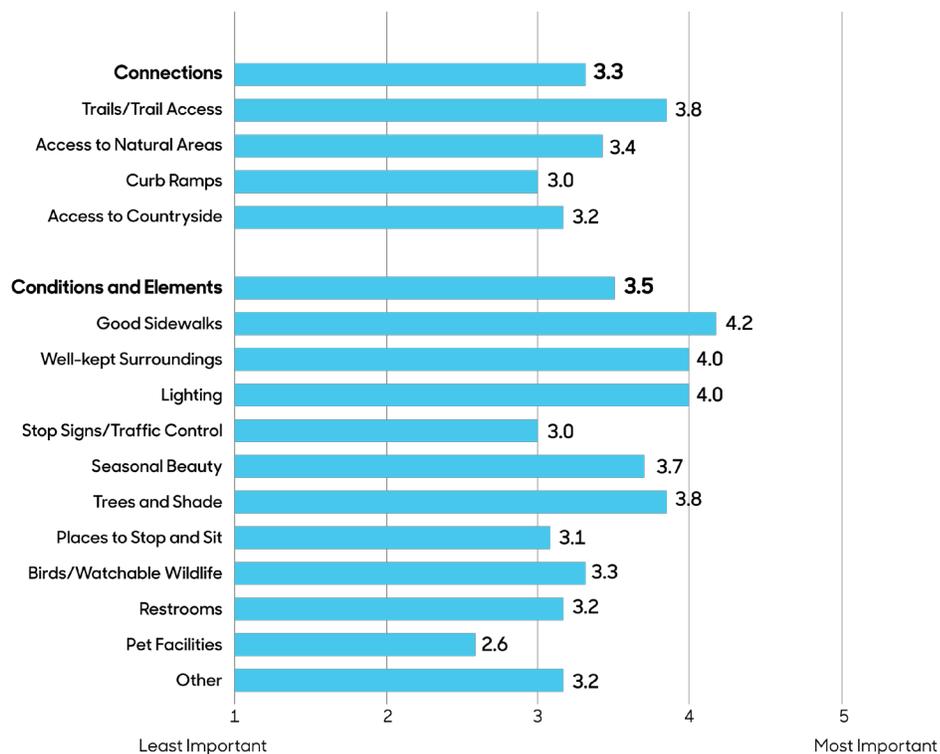
On a scale of 1 to 5, with 5 being the most important, survey participants ranked the characteristics and features that factored into their choice of commuting route. Among Wapello participants, time to destination is clearly the most important factor, with a mean value of 4.5. Avoiding weather-related issues such as snow and ice is also considered important, with a mean value of 3.7, followed by avoiding vehicular traffic (3.2). Avoiding neighborhoods, scenic views, and seasonal beauty are not critical factors in determining commuting routes.



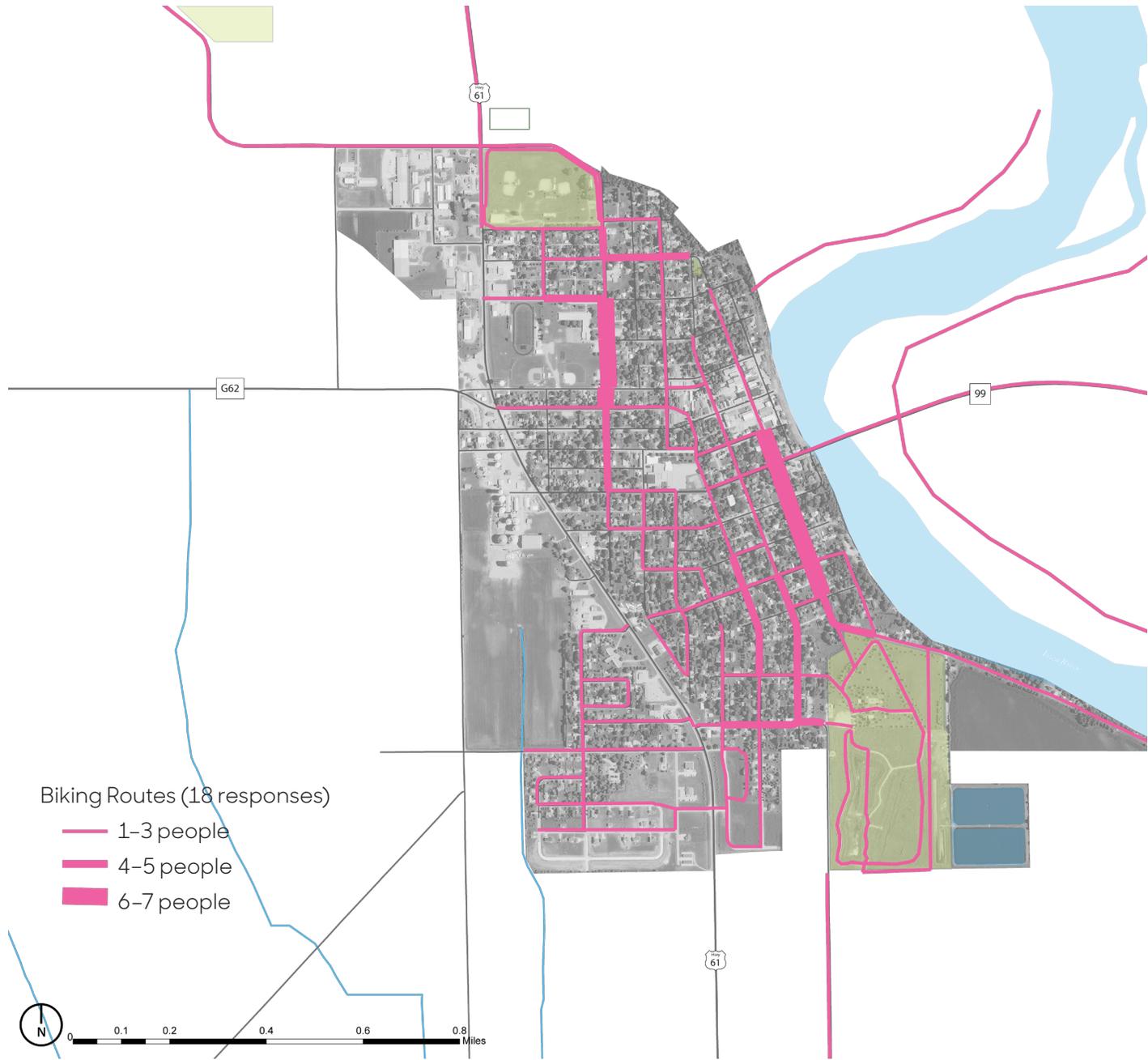
Where People Walk

This map shows the walking routes identified by 56 survey respondents. The frequency that the routes are used is depicted by their thickness, with most frequently used routes being the thickest. People walk more frequently in the south part of Wapello, particularly on the streets that are near South End Park. A number of respondents indicated that they walk on the trails in South End Park. A few people walk out of town, on River Road and J Avenue.

Why They Go That Way



On a scale of 1 to 5, with 5 being the most important, survey participants ranked the characteristics and features that made their walking experience better. These features are categorized as either "connections" or "conditions and elements." Among Wapello participants, connections and conditions/elements are of similar importance, with mean values of 3.3 and 3.5, respectively. In terms of connections, access to trails is most important with a mean value of 3.8. Good sidewalks (4.2) are the most important element to walkers, followed by lighting and well-kept surroundings (4.0 each). Other significant factors include trees and shade (3.8) and seasonal beauty (3.7).

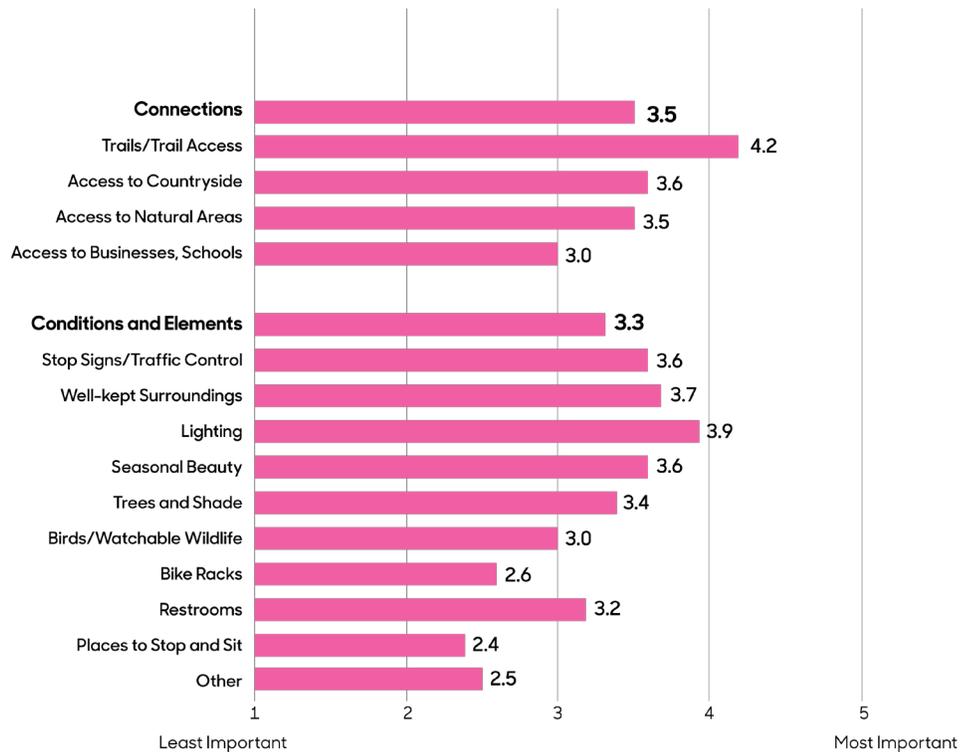


Map Source: Iowa Department of Natural Resources, "Natural Resources Geographic Information Systems Library," <http://www.igsb.uiowa.edu/nrgislib/>.

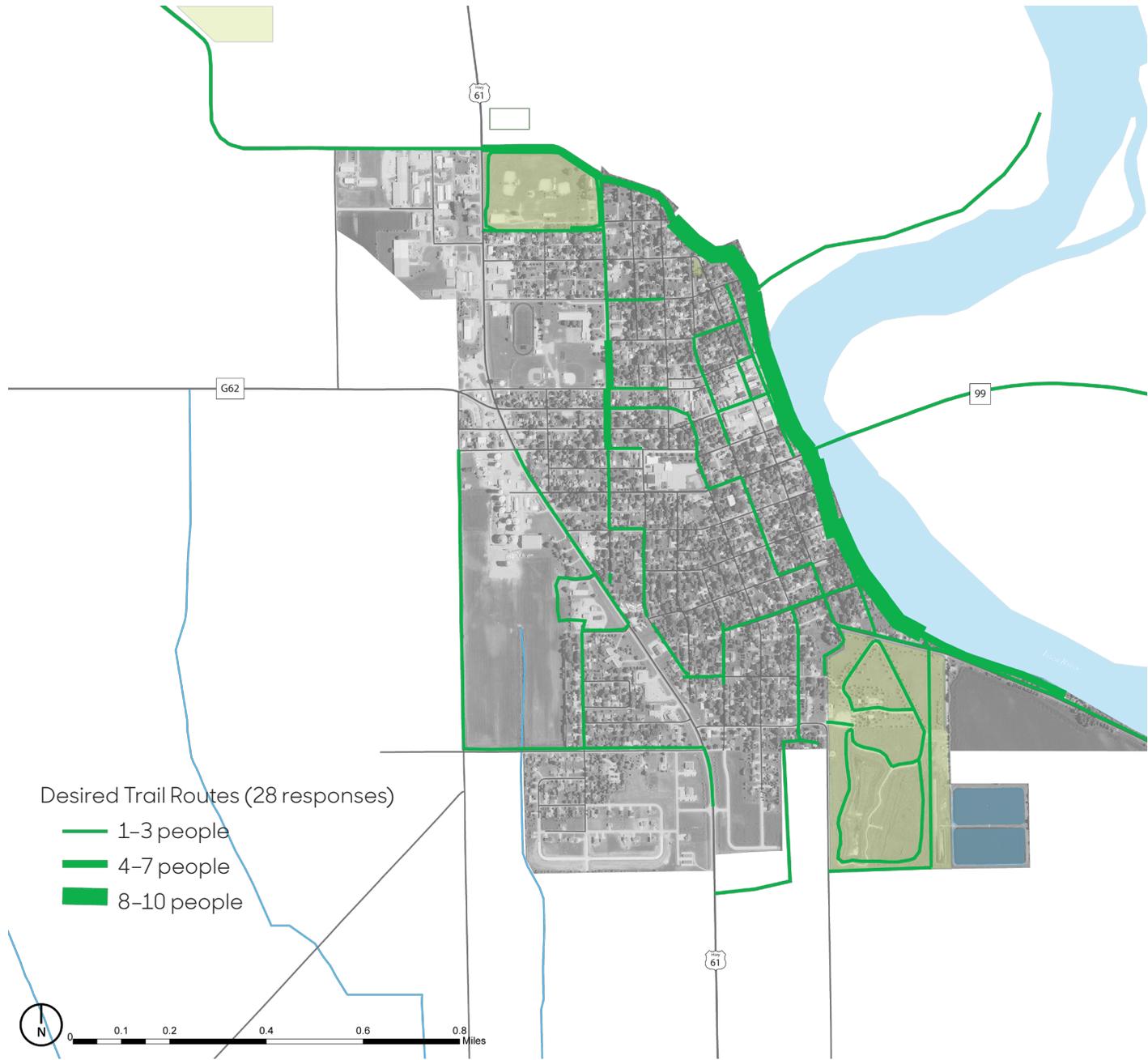
Where People Bike

This map shows the biking routes identified by 18 survey respondents. The frequency that the routes are used is depicted by their thickness, with most frequently used routes being the thickest. River Road and North Cedar Street by the school are the routes most often used by bikers in town. A few people ride out of town, on River Road and J Avenue to the south, County Road X99 to the east, and Highway 61 and 100th Street to the north..

Why They Go That Way



On a scale of 1 to 5, with 5 being the most important, survey participants ranked the characteristics and features that made their biking experience better. These features are categorized as either "connections" or "conditions and elements." Among Wapello participants, connections and conditions/elements are of similar importance, with mean values of 3.5 and 3.3, respectively. In terms of connections, access to trails is most important with a mean value of 4.2. Lighting (3.9) is the most important element to bikers, followed by well-kept surroundings (3.7). Other significant factors include stop signs/traffic control and seasonal beauty (3.6 each).

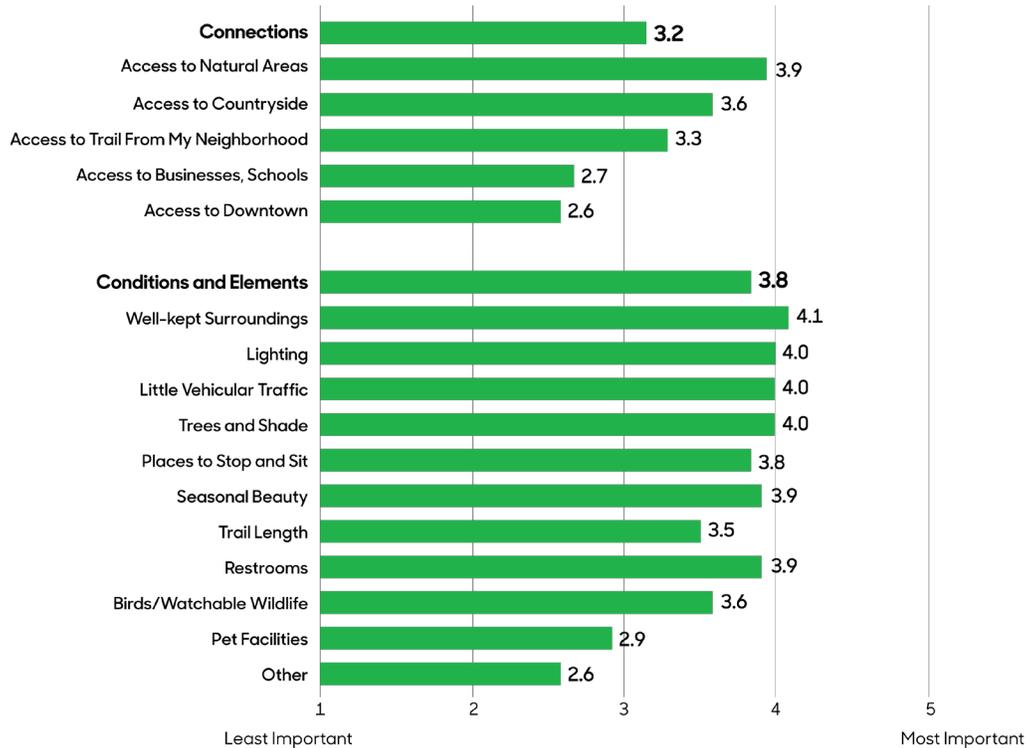


Map Source: Iowa Department of Natural Resources, "Natural Resources Geographic Information Systems Library," <http://www.igsb.uiowa.edu/nrgislib/>.

Where People Want Trails

This map shows the desired trail routes identified by 28 survey respondents. The frequency that the routes are identified is depicted by their thickness, with most frequently identified routes being the thickest. The most popular location for a trail among survey respondents is along the river. A trail around North Park and along North Cedar Street by the school were also suggested.

What Trail Features Are Important



On a scale of 1 to 5, with 5 being the most important, survey participants ranked the characteristics and features that made their trail experience better. These features are categorized as either "connections" or "conditions and elements." Among Wapello participants, conditions/elements (mean value of 3.8) are significantly more important than connections (mean value of 3.2). In terms of connections, access to natural areas is most important with a mean value of 3.9. Well-kept surroundings are the most important element (4.1), followed by lighting, little vehicular traffic, and trees and shade (4.0 each).

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