

Washington Street boasts wide sidewalks, a smooth roadway, and excellent nighttime lighting, enhancing safety and convenience for pedestrians.



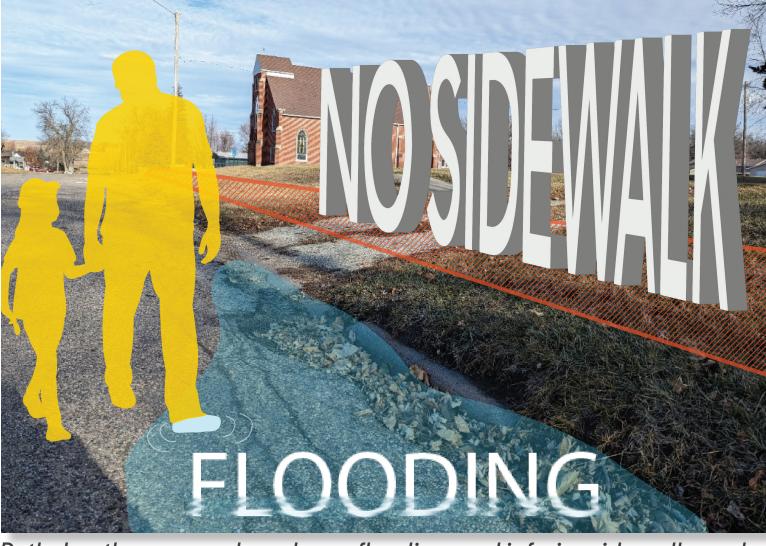
The T-Bone Trail connects Exira to neighboring towns and the trailhead makes it convenient to park and walk.



City Park is a popular gathering space that offers wide sidewalks, shaded areas, a pavilion, and ample lighting at night.



flooding, and limited parking at large events.



Potholes, the crowned roadway, flooding, and inferior sidewalks make Kilworth Street hard to navigate for all modes of travel.



Turning onto Washington Street in downtown Exira is challenging because parked cars and buildings situated too close to intersections create blind spots.



Legion Park's beauty is overshadowed by limitations such as uneven gravel,

### What Factors Affect Transportation in Exira?

Transportation is integral to small-town life and a vibrant economy. In the context of the Community Visioning Program, we recognize walking, biking, and driving as quintessential modes of travel to various destinations important to residents and visitors. Access to these destinations is crucial for many everyday activities—getting to work and school, participating in community events, and providing for basic needs such as food, health care, and healthy activity.

In this participatory assessment, we want to find out which factors and conditions affect transportation use in Exira, where these factors and conditions are most prevalent, and how they influence route and transportation choices locally. Because residents have the best knowledge of how Exira's transportation system works, we use focused, small-group conversations, mapping, and photos of the best and worst to understand local transportation.

### Different Users = Different Needs

To capture insights about transportation from a variety of perspectives, we invited Exira residents with different transportation needs to participate in focus groups. A total of 56 residents attended Exira's workshop. Participants were separated into five user groups and the Exira steering committee.

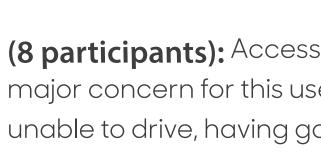








Parents



(19 participants): This group uses primarily non-motorized modes of transportation, so pedestrian- and bike-friendly streets and sidewalks are important. These users value the ability to get to destinations on foot or via bicycle and having goods and services within walking distance.

(13 participants): Safety of their children is a primary concern of this user group. Access to safe and easy routes to school activities is another significant factor to this group. Parents of young children desire smooth, wide surfaces for strollers.



(8 participants): The common denominator for this user group is that their observations are influenced by special knowledge of the transportation system acquired during the Community Visioning assessment process. As a result, this group is more representative of decision makers.

#### **Transportation Assets and Barriers Analysis**

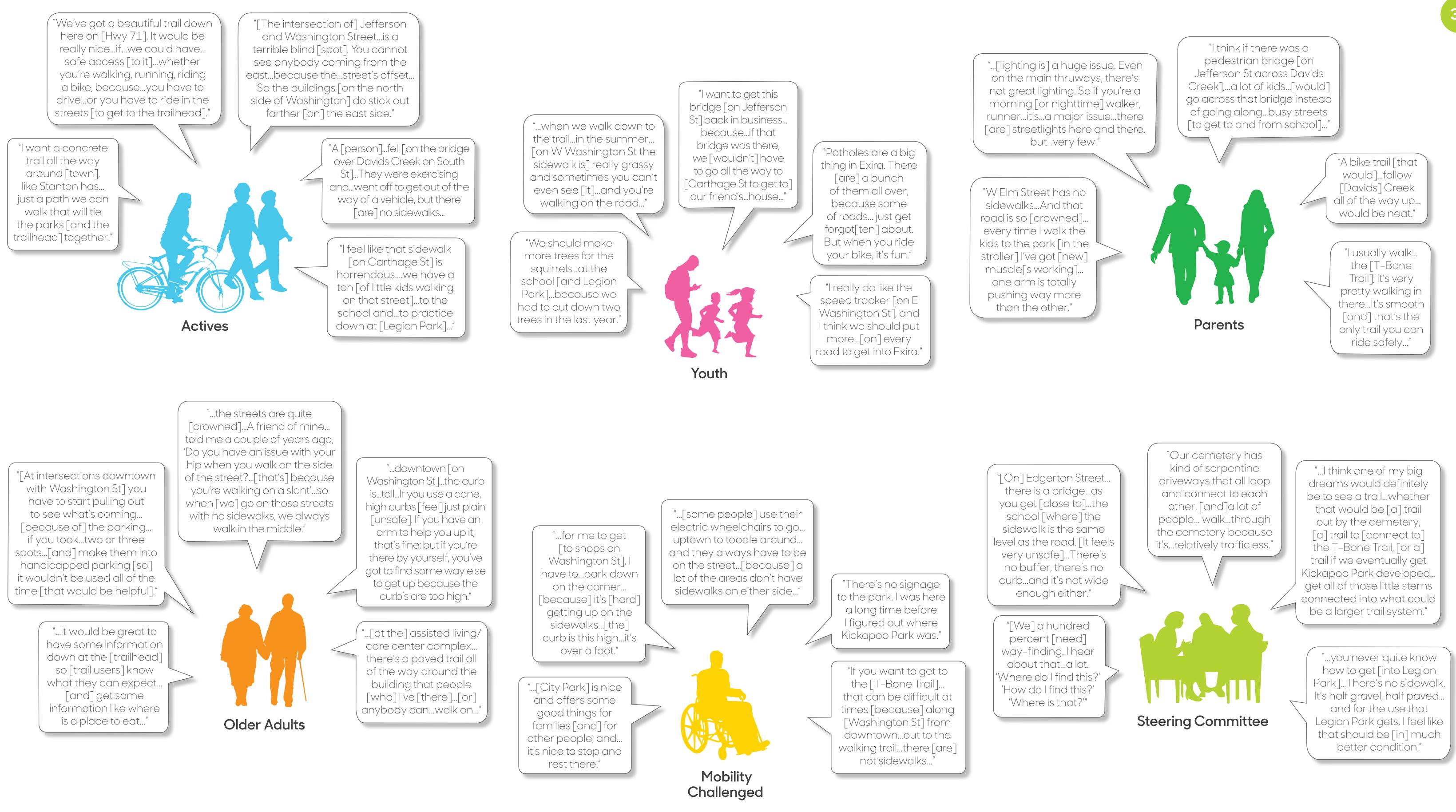
Julia Badenhope, Sandra Oberbroeckling, Britney Markhardt

(6 participants): This user group represents those in the community who engage in outdoor recreation, including cycling, walking, running, swimming, skiing, etc. The availability of multiple venues for outdoor recreation matters to this group.

(2 participants): This user group is directly affected by accessibility barriers such as high curbing and uneven sidewalks that make it difficult to operate mobility-aiding equipment effectively. Handicapped parking, curb ramps, and smooth surfaces are critical transportation features.

(8 participants): Accessibility-both in terms of physical access and proximity-is a major concern for this user group. Because some people in this user group do not or are unable to drive, having goods and services within walking distance is important.





## **Exira** What People Said

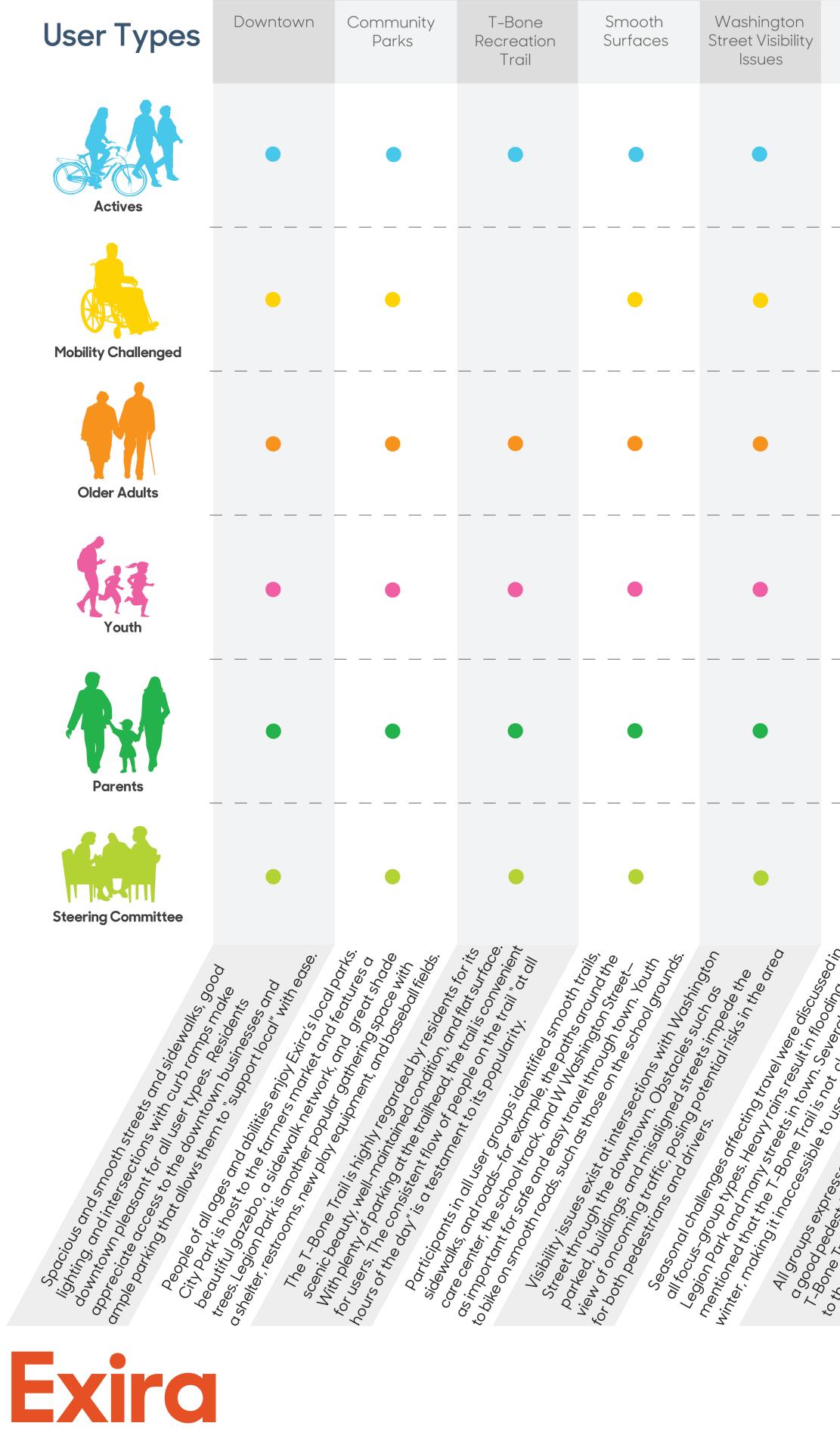
#### **Transportation Assets and Barriers Analysis**

Julia Badenhope, Sandra Oberbroeckling, Britney Markhardt

Iowa State University | Trees Forever | Iowa Department of Transportation



#### Valued Destinations, Activities, and Qualities



# Emerging Themes

Undesirable Qualities and Features

Most Desired Improvements and Activities

Seasonal Challenges	Pedestrian/ Cyclist Linkage to T-Bone Trail	Steeply Crowned Roads	Inadequate Sidewalk Infrastructure	Limited Way-finding Signage	Complete, ADA-Compliant Sidewalks	Trail Connections	Trailhea Trail Ame
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Actives walk and bike for recreation and/or exercise and walk and drive to destinations. They want the Jefferson Street bridge repaired and reopened to vehicles and pedestrians to ease school and event traffic congestion. Actives also think that a mile of the T-Bone Trail should be cleared in one direction to provide an easy winter walking route.

Mobility-challenged individuals drive and use their electric wheelchairs to navigate Exira. This group finds it difficult to fully enjoy City Park because of the lack of handicapped accessibility to the gazebo. They appreciate that Legion Park has convenient bathrooms open to the public.

Older adults walk and drive to get around. This group appreciates the view of natural beauty from the N Kilworth Street bridge. They have a hard time stepping up on the one-foot curb on Washington Street downtown and consider addressing this problem as a major priority.

Youth walk, bike, and ride the bus to their destinations. Older youth also drive. Speeding traffic is an issue for youth, and they want to see more measures to reduce speeding throughout town similar to the speed tracker on Washington Street. They also want the speed limit on Edgerton Street to be lowered.

Parents walk and drive. They are primarily concerned with the safety of their children. They find pickup and drop-off times at the elementary school confusing and would like the experience to be less hectic. Parents would also like additional parking at and around the school.

Steering committee members walk, bike, and drive vehicles, golf carts, and ATV/UTVs. They enjoy walking the "serpentine driveways" that loop around the cemetery and driving their ATV/UTVs on the trail along Davids Creek. This group noted that the exit and entrance to Legion Park are not marked, causing confusion for both drivers and pedestrians.

