

**Vision:** Adel is an inviting community where residents and visitors alike can walk and bike on downtown's new trail connections and enjoy the natural beauty of the enhanced streetscapes and native plantings.

# SUSTAINABLE MOBILITY

## Trail Integration and Park Connections

**Goal:** Improve trail access for the whole community by connecting the Raccoon River Valley Trail to downtown, as well as to parks and greenspaces.

### From Main St...

Evans Park is only a **20-minute walk** or **6-minute bike ride**.

Kinnick Feller Park is only a **07-minute walk** or **2-minute bike ride**.

The east side of the trail is only a **10-minute walk** or **3-minute bike ride**.

The west side of the trail is only a **18-minute walk** or **5-minute bike ride**.



Kinnick-Feller Riverside Park & Evans Park are rated highest for park usership.



Trails were rated the highest amongst the parks and recreation that needs improvement

### Trail Integration Case Study: LaGrange, Georgia



Widen sidewalks to accompany bike trails

Create Safer Pedestrian +Bike Crossings

### Suggestions:

- Signage Improvement
- Pavement Trail Delineation
- Community Farms
- Trail Integration to Main Street
- Biking and Walking Connection to Parks

### Funding Opportunities

- Parks, Trails and Developer Dedication and Development Fees
- Greenway utility
- Easements
- EPA Clean Water State Revolving Fund
- Recreational Trails Program Funds
- CDC Combined Grants for Health and Transportation
- CTAA National Center for Mobility Management Technical Assistance Grant

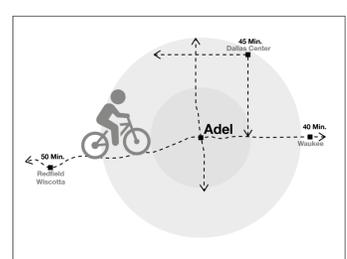
## Mobility Infrastructure

**Goal:** Enhance infrastructure to create mobility options beyond driving, such as walking and biking, and prioritizing infrastructure connections to Adel's community assets.

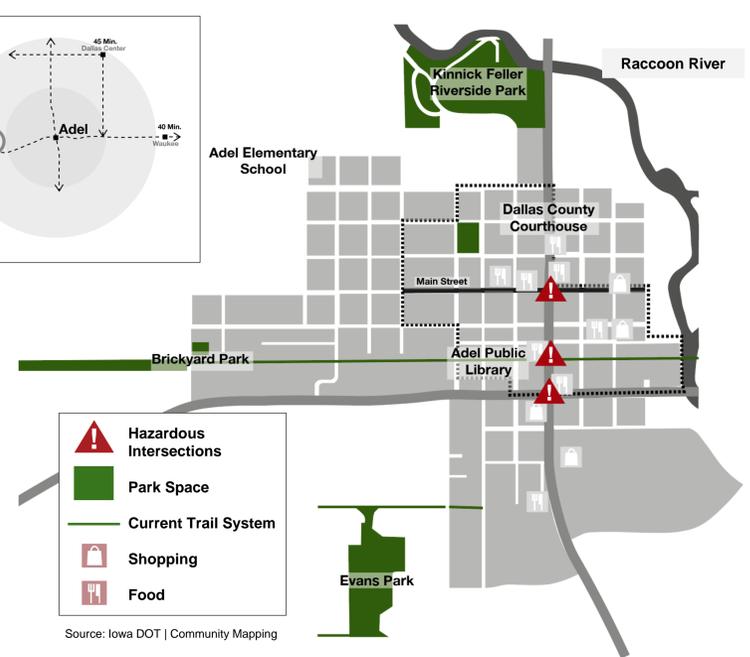
"Streetscape enhancements that improve walking and cycling conditions tend to increase property values and rents, attract new businesses, and increase local economic activity. (Branion-Calles, 2019)."



### Biking Commute Times



### Existing Trail Connection to Community Assets



### Pedestrian Hazard Sites



### Suggestions:

- Bike Friendly Retail + Restaurants
- Slower Automobile Speeds
- Better Crossing Times
- Better Signage
- Establishing an Adel Biking Cooperative

### Funding Opportunities

- Federal Funding for infrastructure options to school
- BUILD Discretionary Grant
- Federal Funding for Safe Routes to School

## Downtown Sustainability

**Goal:** Protect Adel's natural resources and the environment through infrastructure improvements that target stormwater and native Iowa plantings.

### Sustainable Outlook:



of online survey respondents said that environmental sustainability was either a "high" or "very high" priority.

### What will this look like downtown?

- Rain Gardens** will reduce stormwater runoff, protecting historical brick streets and enhancing the aesthetics of downtown.
- Permeable Paving** will revitalize alleyways, making them more usable for business owners by reducing runoff and encouraging foot traffic.

### Adel Aquifer Susceptibility:

- Iowa Department of Natural Resources (DNR) labeled Adel's aquifer as **highly susceptible to contamination**.
- In 2018, Iowa DNR recommended that Adel implement **Source Water Protection best practices**.



Source: Iowa DNR Source Water Protection Mapper



Example of an Urban Rain Garden

Source: State College, PA



View of downtown West Union's green infrastructure  
Source: Conservation Design Forum, Inc.

### Case Study: West Union, Iowa, Downtown Redevelopment Project

Permeable paving for streets and sidewalks 36,000 square feet of **rain gardens** capturing and retaining 95% of **stormwater** (Source: Conservation Design Forum, Inc.)

Used **local, state, and federal partnerships** to fund their ambitious project, spearheaded by the Iowa Economic Development Authority (IEDA).

### Funding Opportunities

- Water State Revolving Fund (EPA)
- Urban Waters Small Grants (EPA)
- Stormwater utility fees
- Watershed Improvement Review Board (WIRB)



**Opportunities, Challenges, and Vision Areas:** *Downtown Adel has various opportunity and challenge areas that can be used to achieve the Sustainable Mobility vision. See these ideas on the map below to visualize what Downtown Adel may be in the future!*

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