

HIKE & BIKE



BICYCLE, PEDESTRIAN & TRAILS MASTER PLAN
WEBSTER COUNTY | FORT DODGE, IA



JULY 2018



PREPARED BY:



Goals

System Objectives

- Ensure that the correct facility type is used on each street that is part of the on-street bicycling network
- Prioritize improvements to make important connections, to take advantage of funding or timing associated with related projects, and to improve safety
- Ensure that policies, ordinances, and standards support biking and walking

Provide a complete bicycle and pedestrian system with connections to various destinations.



GOAL 01

Trip Objectives

- Encourage biking and walking through fun events, celebrations, and incentives



Increase biking and walking trips for health, recreation, and transportation.

GOAL 02



GOAL 04

Develop a marketing plan to promote the Prairie Rivers Trail System.



Marketing Objectives

- Increase local and regional knowledge and awareness of the Prairie Rivers Trail System facilities and brand
- Develop partnerships and utilize available resources to promote trail use
- Make information easily accessible
- Increase public support for trail and bicycle facility development, education programs and use throughout the county

GOAL 03

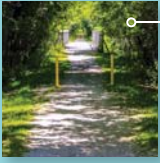


Ensure safety for all when biking and walking.

Safety Objectives

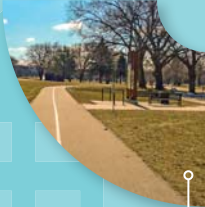
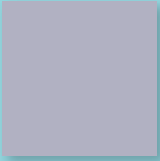
- Increase individuals' knowledge of trail etiquette, bicycle maintenance, and bicycle safety
- Maintain trail and bicycle routes in good condition
- Ensure equitable laws and equitable enforcement

Trail & Bikeway Facility Types



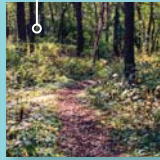
Unpaved Trails

Unpaved trails accommodate people walking, running, and sometimes biking. Surface material is typically crushed rock.



Paved Trails (Shared Use Paths)

Paved trails are designed for people walking, running, biking, skating, or just enjoying the outdoors.



Soft Trails

Soft Trails are typically dirt surface trails that can be used as nature trails for hiking, and sometimes also serve as mountain bike trails.

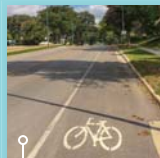
Signed Bike Routes

Signed bike routes consist of signage alone, with no on-street markings or separated facilities to accommodate cyclists.



Shared Lane Markings

Shared-lane markings are pavement markings applied to a thoroughfare with vehicular speeds and volumes low enough to allow cyclists to move safely with motor vehicles.

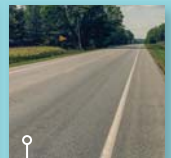


Bicycle Lanes

A bicycle lane is that portion of the roadway that has been designated by striping, bicycle symbols, and signage for the exclusive use of bicyclists.

Paved Shoulders

Paved shoulders accommodate bicycle travel on rural roadways by providing a suitable area for bicycling and reducing conflicts with faster moving motor vehicles.



5 E's of Bicycling

Using the Five E's ensures a safe and enjoyable experience for all.

We follow the five E's of Bicycling in order to:

Encourage

our communities use of the Prairie Rivers Trail System

Educate

users and non-users on trail and bike etiquette

Engineer

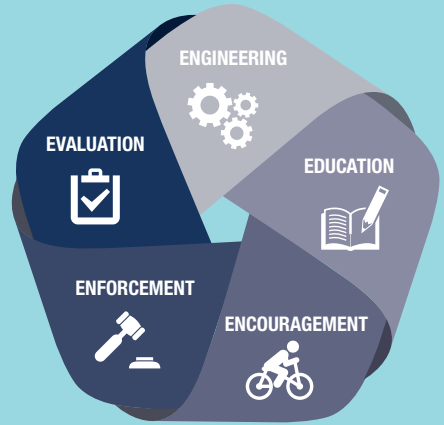
safe and practical routes and amenities

Evaluate

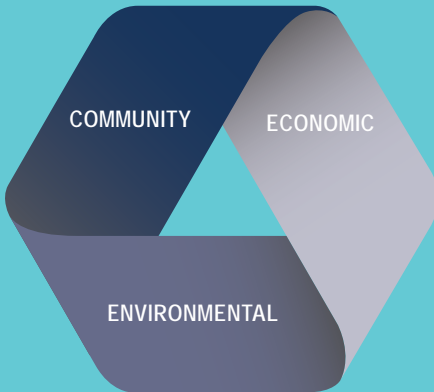
the effectiveness of the network

Enforce

safety measures in place.



Trail Benefits



Community

- Facilitate healthy lifestyles
- Reduce stress
- Promote equitable mobility
- Increase social interaction
- Improve quality of life

Economic

- Reduce transportation costs
- Attract tourism and related spending
- Attract and retain businesses and residents
- Increase property values

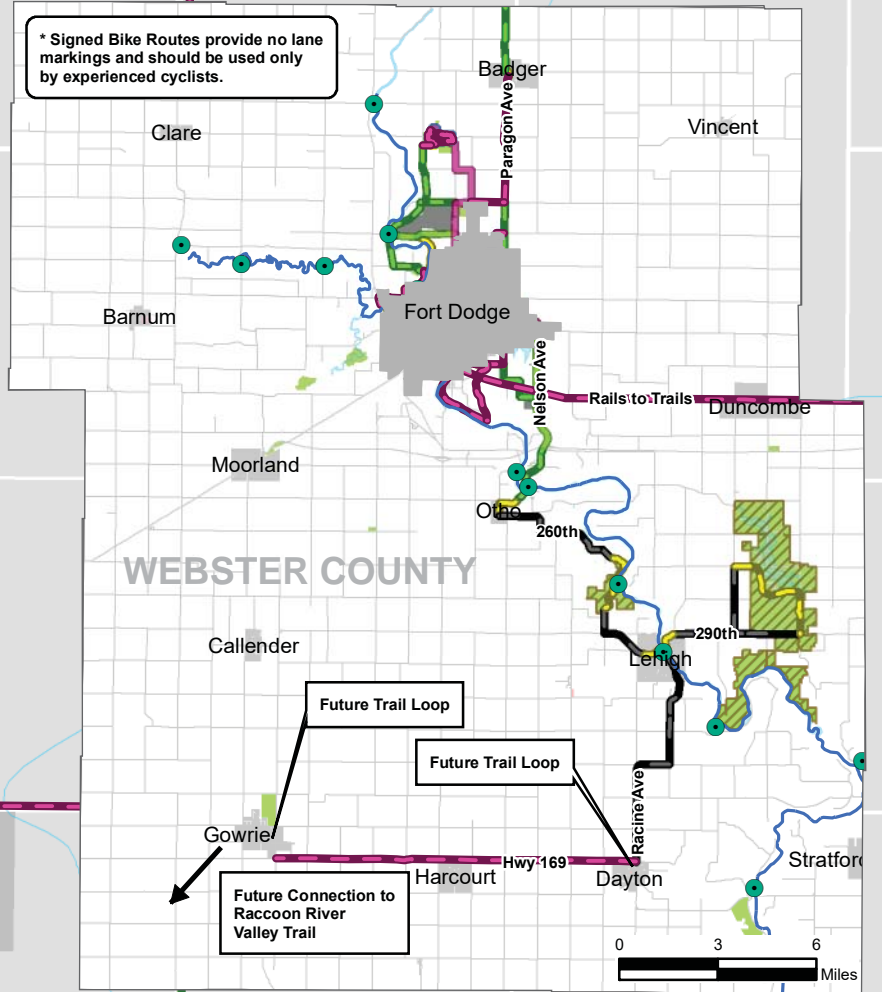
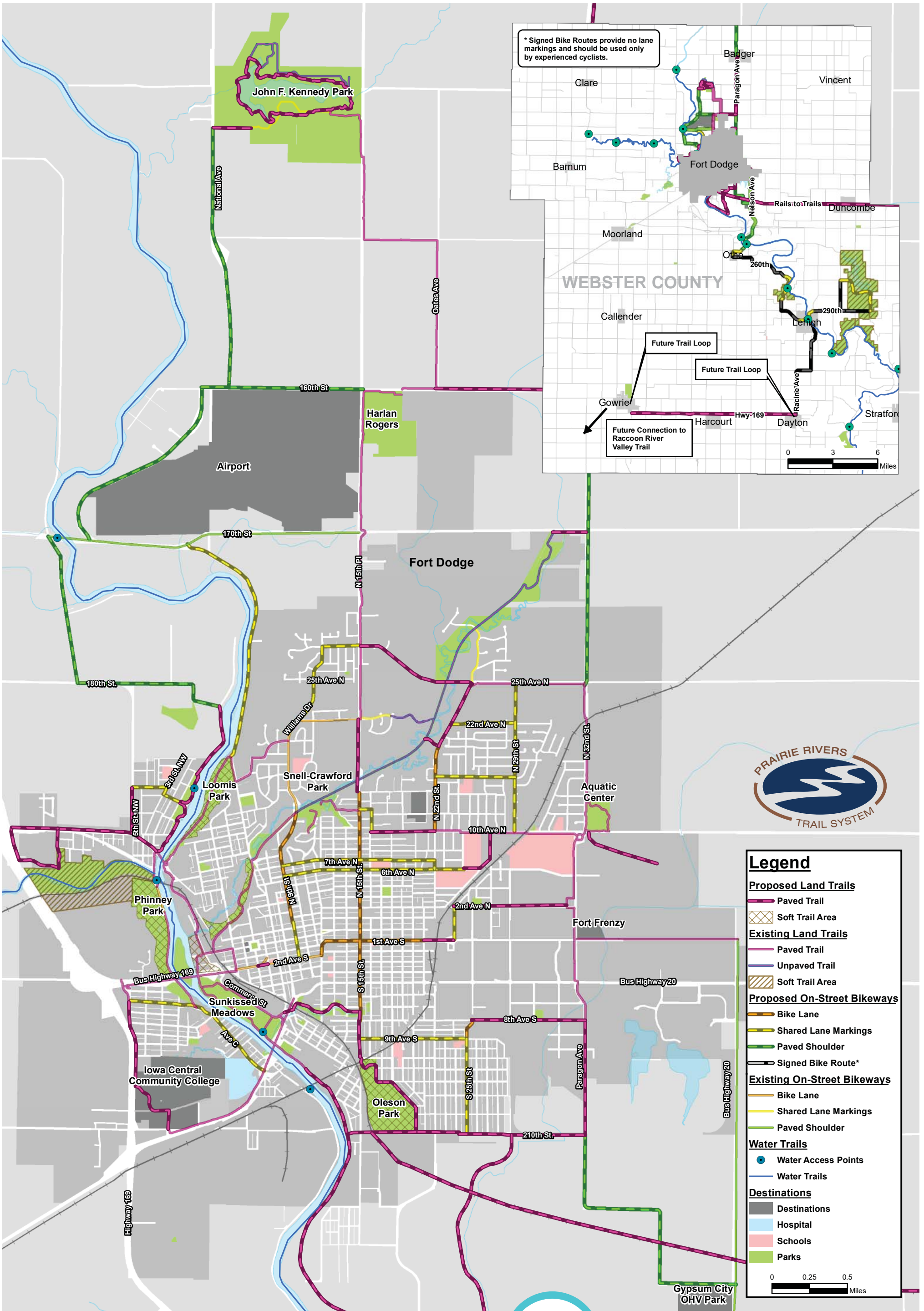
Environmental

- Promote personal connection to your city & your environment
- Reduce greenhouse gas emissions
- Reduce use of fossil fuels
- Reduce traffic congestion

Contact

Department of Parks,
Recreation, & Forestry
819 1st Ave S
Fort Dodge, IA 50501
(515) 576-7237

Webster County Conservation
John F. Kennedy Memorial Park
415 Nelson Ave
Fort Dodge, IA 50501
(515) 576-4258



* Signed Bike Routes provide no lane markings and should be used only by experienced cyclists.



Legend

Proposed Land Trails

- Paved Trail
- Soft Trail Area

Existing Land Trails

- Paved Trail
- Unpaved Trail
- Soft Trail Area

Proposed On-Street Bikeways

- Bike Lane
- Shared Lane Markings
- Paved Shoulder
- Signed Bike Route*

Existing On-Street Bikeways

- Bike Lane
- Shared Lane Markings
- Paved Shoulder

Water Trails

- Water Access Points
- Water Trails

Destinations

- Destinations
- Hospital
- Schools
- Parks

0 0.25 0.5 Miles

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Fort Dodge & Webster County Network Maps

Existing & Proposed Facilities