The Regional Razorback Greenway within Northwest Arkansas

A regional geodata development partnership between the Bicycle Coalition of the Ozarks (BCO), the NWA Council, the NWA Regional Planning Commission and CAST at the University of Arkansas

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Our 36-Mile Active Transportation Corridor within Northwest Arkansas

Razorback Greenway

• After completion of the greenway in 2015, it now provides a seamless North/South corridor within NW Arkansas.

• Our regional GIS coordination has focused upon a primary goal to...

• Develop a consistent and accurate Active Transportation Database for the NWA region.
NWARPC was awarded a $15M DOT TIGER II Grant in October, 2010

The project was one of 42 capital construction projects chosen out of nearly 1000 applications

Private funds met the 20% required match amount; resulting in an $18.75 M Federal-aid project.

The federal aid project covered 16 miles of the entire 36 mile corridor.

Full 36 mile project cost was estimated at $30,000,000

Official Ribbon Cutting Event was May 2nd, 2015
The Razorback Greenway, included some existing trail spurs, but it connects dozens of regional community destinations including:

- 6 downtown areas
- 3 major hospitals
- **23 K-12th Grade Schools**
- The University of Arkansas
- The NWA Community College
- Large corporate headquarters (such as Wal-Mart, JB Hunt and Tyson Foods)
- **Crystal Bridges Museum of American Art**
- The Shiloh Museum
- **Shopping areas**
- Historic sites
- Local Parks
- Playgrounds
- Arts and entertainment venues
- **Residential communities**
Grand Opening was May 2, 2015

Credit: The Endeavor Foundation
Greenway Support Evolves
TRAIL WILL CONNECT CITIES WITH PATHS FOR PEDESTRIANS

Greenway Sprouts from Regional Vision
There's still more for the trail partners to do to make the trail the 'road' to being a reality among the greenway.

Construction Equipment Guide
Unique Trail System to Link Six Communities

NORTHWEST ARKANSAS ACTIVE TRANSPORTATION FACILITIES
REFERENCE GUIDE FOR GIS CODING, MAPPING, AND TRACKING EXISTING FACILITIES BY FACILITY TYPE

Prepared by:
Northwest Arkansas Regional Planning Commission (NWARPC)
The Bicycle Coalition of the Ozarks (BCO)
Center for Advanced Spatial Technologies (CAST)
Northwest Arkansas Council

November 6, 2014
Our guide for Trail Data Development within our Regional Geodatabase.

Natural Surface Trail Guidance:

- Trails can vary in width from 18 inches to 6 feet or greater; vertical clearance should be maintained at nine-feet above grade.
- Mountain bike trails are typically 18-24 inches wide and have compacted bare earth or leaf litter surfacing.
- Base preparation varies from machine-worked surfaces to those worn only by usage.
- Trail surface can be made of dirt, rock, soil, forest litter, or other native materials. Some trails use crushed stone (a.k.a. “crush and run”) that contains about 4% fines by weight, and compacts with use.
- Provide positive drainage for trail tread without extensive removal of existing vegetation; maximum slope is five percent (typical).

Shared Use Paved Trail Guidance - Width:

- 8 feet is the minimum allowed for a two-way bicycle path and is only recommended for low traffic situations.
- 10 feet is recommended in most situations and will be adequate for moderate to heavy use.
- 12 feet is recommended for heavy use situations with high concentrations of multiple users. A separate track (5’ minimum) can be provided for pedestrian use.

SUBCATEGORIES:

4A – OFF-STREET TRAIL

A shared use paved trail that is not located along a street.
Bicycle and Pedestrian Network Examples

- Sidewalk
- Side Path Trail
- Shared Roadway
- Shared Use Paved Trail
- Natural Surface Trail
- Bike Lane
Web App Builder – Beta Tester 2014
Icons and Symbology provided by ALTA
Regional Geodata Support Team
Localized Features of Interest for NWA

- Botanical Gardens of the Ozarks, Farmers Market
Cartography by Committee
Many Partners have Contributed
Customized Address Locators
Active Transportation Routing

NWA Trails & Bikeways

Botanical Garden of the Ozarks, Parking
Shiloh Square, Restroom

ADD DESTINATION
SHOW MORE OPTIONS

GET DIRECTIONS
CLEAR

4.44 miles • 30 minutes

ZOOM TO FULL ROUTE

1. Start at Botanical Garden of the Ozarks, Parking

2. Go northwest on Lake Fayetteville Trail (Lake Fayetteville Paved Trail) toward Lake Fayetteville Nature Trail Loop
   1.51 mi • 10 minutes

3. Turn right to stay on Lake Fayetteville Trail (Razorback Regional Greenway) • 0.05 mi

4. Continue on Powell Street (Razorback Regional Greenway)
Active Transportation Routing

NWA Trails & Bikeways

Directions

4.44 miles - 30 minutes

1. Start at Botanical Garden of the Ozarks, Parking

2. Go northwest on Lake Fayetteville Trail (Lake Fayetteville Paved Trail) toward Lake Fayetteville Nature Trail Loop
1.51 mi 10 minutes

3. Turn right to stay on Lake Fayetteville Trail (Razorback Regional Greenway)
0.05 mi

4. Continue on Powell Street (Razorback Regional Greenway)
2.06 mi 14 minutes

5. Turn left on Park Street (Razorback Regional Greenway)
0.23 mi 2 minutes

6. Bear left on Spring Creek Paved Trail (Razorback Regional Greenway)
0.58 mi 4 minutes

7. Finish at Shiloh Square, Restroom, on the right
Seamless Trail Symbology for the Regional Map Services and Apps
Local Photography (at large scales)
Our Regional Active Transportation
iOS and Android Development

NWA Trails & Bikeways Map

Made possible through the generous support of:

Project Partners:
Access and Use Constraints

This map was developed from the best available sources and constitutes a graphic representation of these data sources. No guarantee of accuracy is granted, nor is any responsibility for reliance thereon assumed. In no event shall the Northwest Arkansas Planning Commission, the Northwest Arkansas Council, the Bicycle Coalition of the Ozarks (BCO), the University of Arkansas or any of their partners be liable for direct, indirect, incidental, consequential or special damages of any kind.

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Disconnected editing of trail data

Pre-existing Trail Features

Updated via ArcGIS Collector App

Many Trail features have been refined using the Collector App; coupled with a Garmin GLO
A Garmin GLO coupled with the ArcGIS Collector App has impressed us all.

The Garmin GLO is a small GPS/GLONASS receiver that sends 10 position fixes per second to an external device such as a tablet, laptop or smartphone using wireless Bluetooth® technology.

Make sure to order one with the “Belt Clip” too, But clip it to the brim of your hat while collecting.

http://gpstracklog.com/2013/04/garmin-glo-review.html
Thanks again for your attention.
Please visit: nwatrails.org or bconwa.com or nwarpc.org for more information.

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