





Meeting Agenda

- 1. Introductions
- 2. Upcoming Projects
- 3. Plan Review
- 4. Data Collection
- 5. Bicycle Infrastructure Options
- 6. Public Open House Workshops





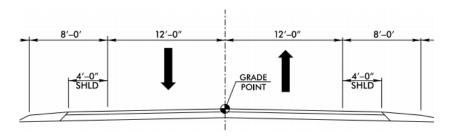
Upcoming Projects



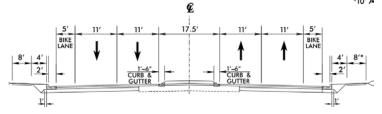
US 276/US 64/NC 280 intersection



Wilson Road



Brevard - US 64 (Fortune Cove Rd to Caldwell St)



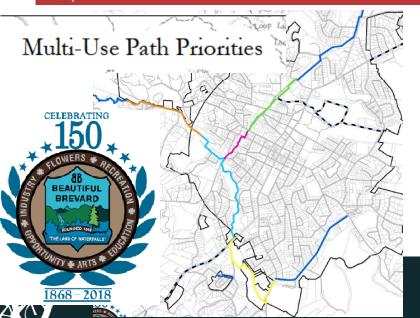
TYPICAL SECTION FOR US64 /US276

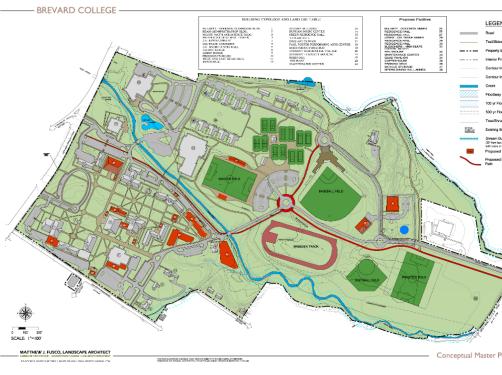




Plan Review







Stakeholder Meeting 2: June 2018



Plan Review



Re-route north to avoid busy roads and connect to the City of Hendersonville

Mills River & Transylvania County

Description of Study Process The study process, which began in November of 2013, had the following major task elements. The outcomes of such task are described in the

Data Collection and Base Map Development
 Kick off Meeting, She Visit, Stakeholder

S. Kick off Meeting, 5th Visit, Stakeholder Interviews

5. Existing Conditions
4. Future Travel Dema

sections that follow

5. Deelgn Charrette and Workshop

y. Final presentations and Deliverable

Existing Conditions

NC 280 Summary Corridor Description Physical configuration and context

The NN site Corridor Souls Ame begins in the Town of Flenther at the intersection of GRI Flenther Bridge Road and earls at the intersection of GRI Flenther Bridge Road and earls at the intersection with US 759 at the northern contrivens into the Town of Breward in Tatasylviatia County, Kalong that route a server as the man street through he Types of MIR Stores and also affects occurred to the Types National Press. Characteristics of the corridor are summarized as follows: Eabling Oras-Section NC 280 through
Hills River in a five lane highway with little to
no shoulder width today, accommodating only
the "Strong and Fearless" bloydlist user type that
typically represents a very low percentage of the
normalization flows than 180.

population (less than its).

At Lakeland Drove, the erose sections changes intron for large in the Town of Mill from five large (a travel large)'s two-way left turn.

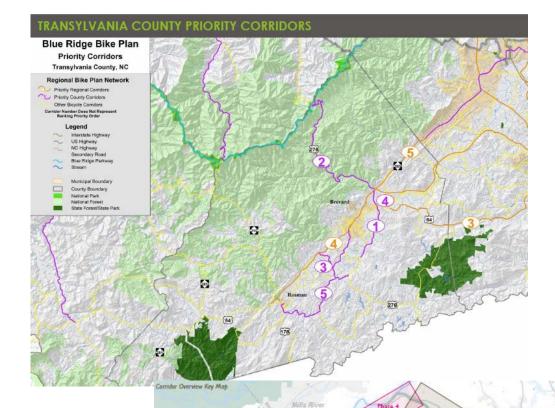
Base) to 4 large (a travel large) with minimal.

Roadway configuration: Four travel laties with

13,000 shrough the corridor, with volumes being

higher on the northern end and declining as the





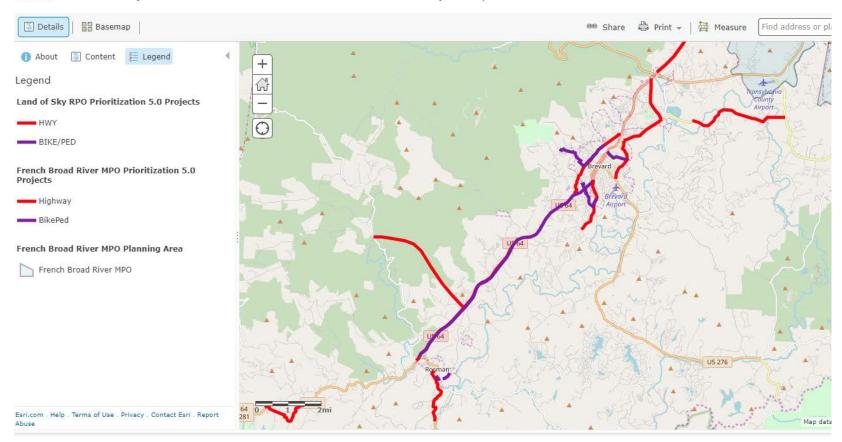






SPOT 5.0

ArcGIS V Land of Sky RPO/French Broad River MPO Prioritization 5.0 Project Map







Questions and/or insights from past or ongoing planning efforts?





Data Collection

- Existing Trails and Routes
- Bicycle Crashes
- Bicycle Counts
- Brevard College Survey
- Traffic Volumes and Speed Limits Level of Service





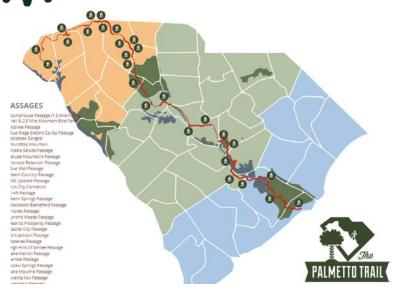
Existing Trails and Routes

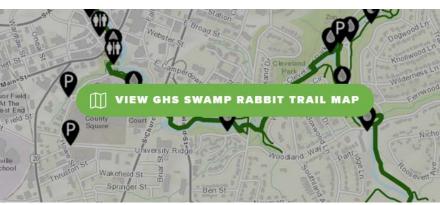




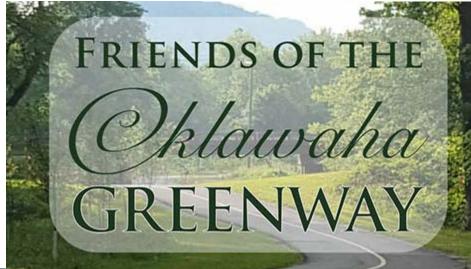


Regional Connectivity





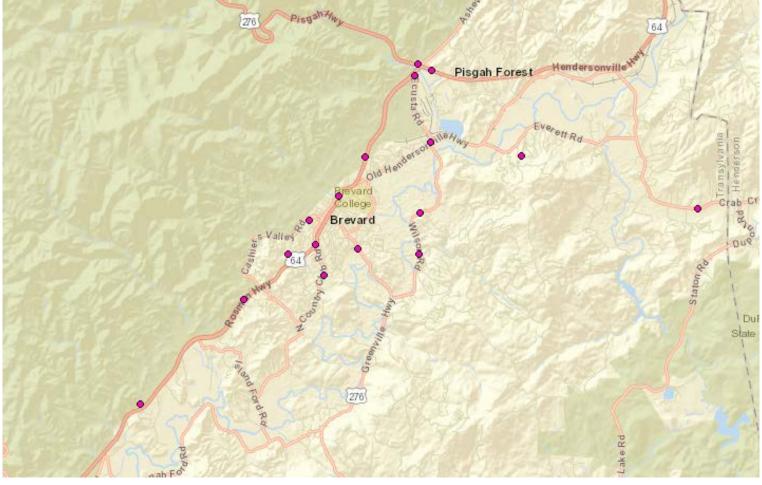








Bicycle Crash Data (2007-2015)







Brevard College

Discussion of Campus Bike Survey Results

- Most People want:
 - Access to bikes
 - Pleasant, safe places to ride
 - Storage options on campus
- Few people said:
 - I will never bike
 - Nothing could make me bike mor
- Some people want:
 - Training classes
 - Cheap bike maintenance on campus

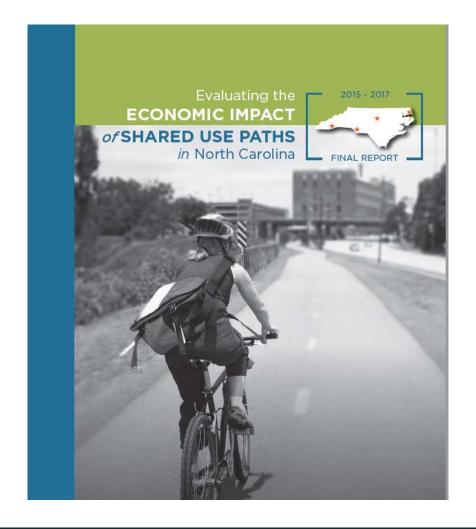






Bicycle Counts

Brevard
 Greenway 76,000
 estimated
 annual trips =
 208 per day







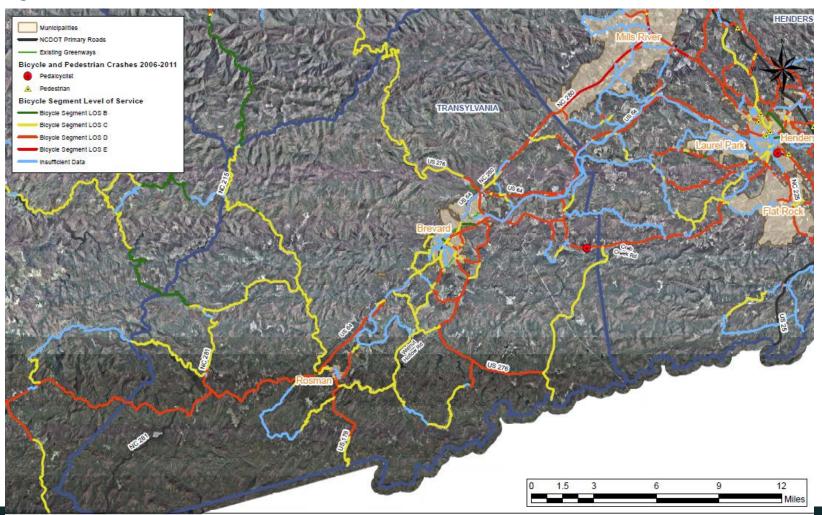
Bicycle Counts

- Railroad Avenue near McLean Rd
 - Bicycles = 4.5% of all vehicles
- Parkview Drive near Park Ave
 - Bicycles = 5% of all vehicles
- Park Avenue near Parkview Drive
 - Bicycles = 2% of all vehicles





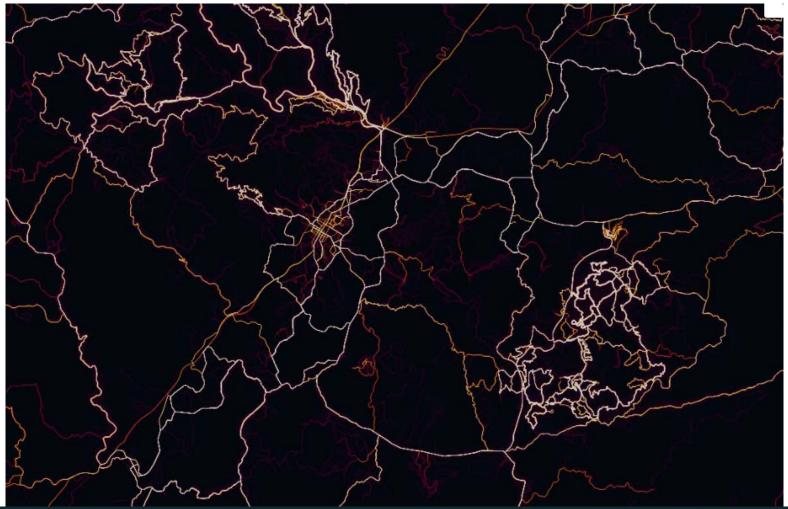
Traffic Volumes and Speed Limits - Level of Service







Strava Heat Map







Questions about data collection or ideas of other data sources to discuss?





Bicycle Infrastructure - Options!!!





Infrastructure Options

least separated

Shared Lanes*



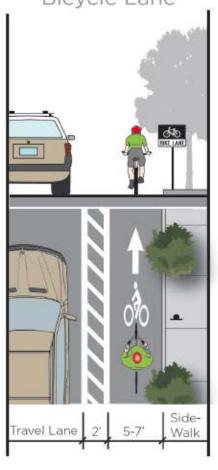
*Uses a combination of signs, pavement markings, and speed and volume management measures to Paved Shoulder



Bicycle Lane



Buffered Bicycle Lane

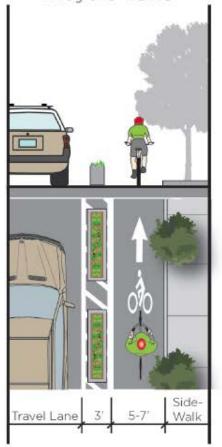




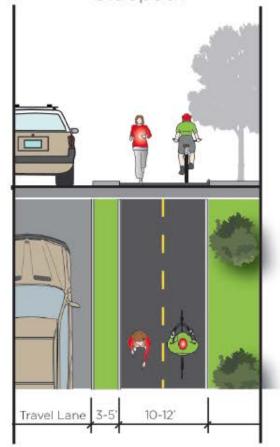
Infrastructure Options

most separated

Separated Bicycle Lane

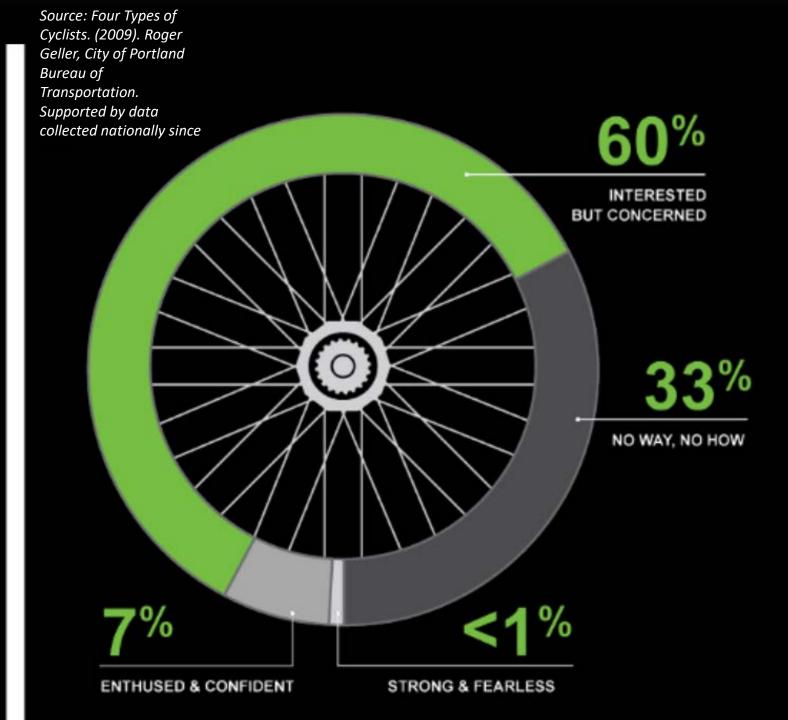


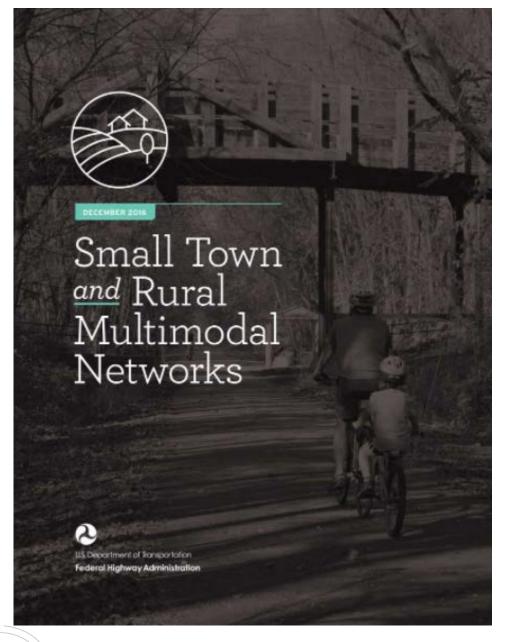
Shared Use Path: Sidepath



Shared Use Path: Greenway





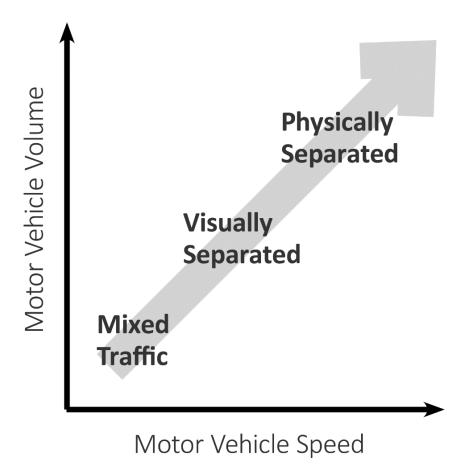


- Emphasize physical separation from automobile traffic
- DesignFlexibility -Options





Traffic Volumes and Speeds







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Transylvania County Application





Walnut Hollow Rd

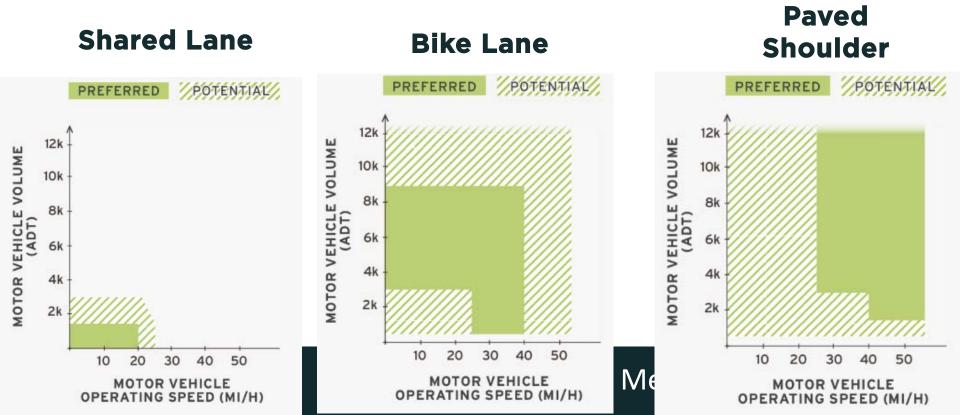






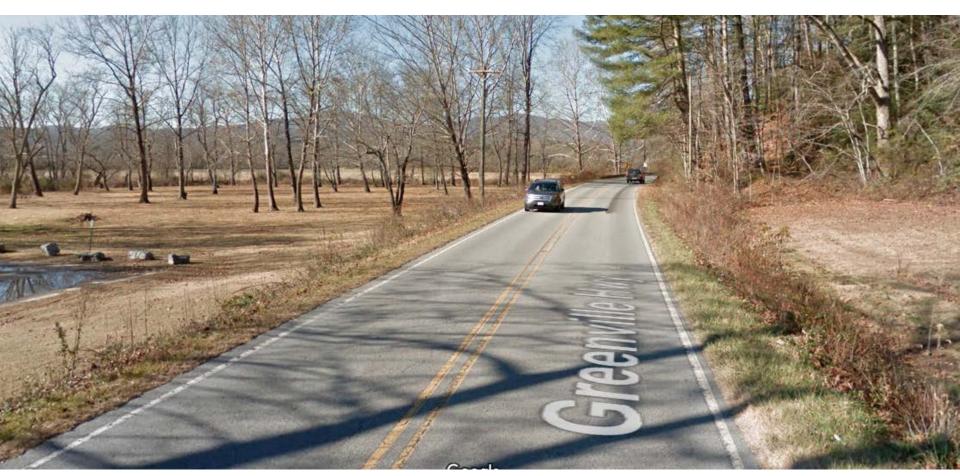
Walnut Hollow Rd

- Speed Limit = 55
- Traffic volumes (AADT) = 810





US 276 Greenville Hwy (Brevard to Hap Simpson)

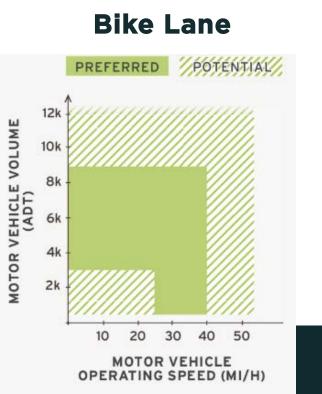




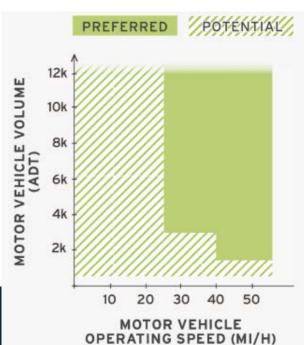


US 276 Greenville Hwy (Brevard to Hap Simpson)

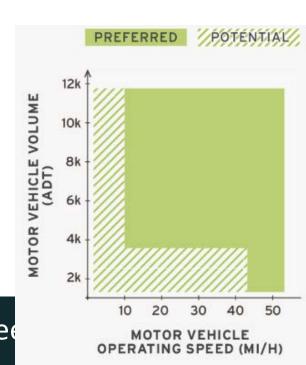
- Speed Limit = 35
- Traffic volumes (AADT) = 6k







Sidepath





US 64 Brevard to Rosman



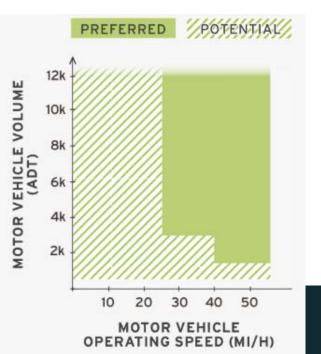




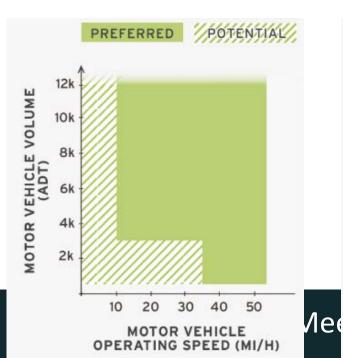
US 64 Brevard to Rosman

- Speed Limit = 45-55
- Traffic volumes (AADT) = 7k-14k

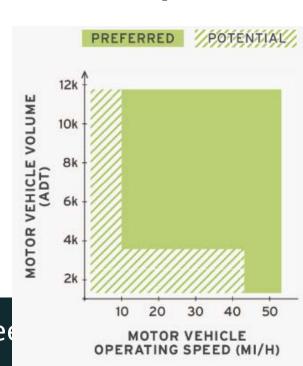
Paved Shoulder



Separated Bike Lane

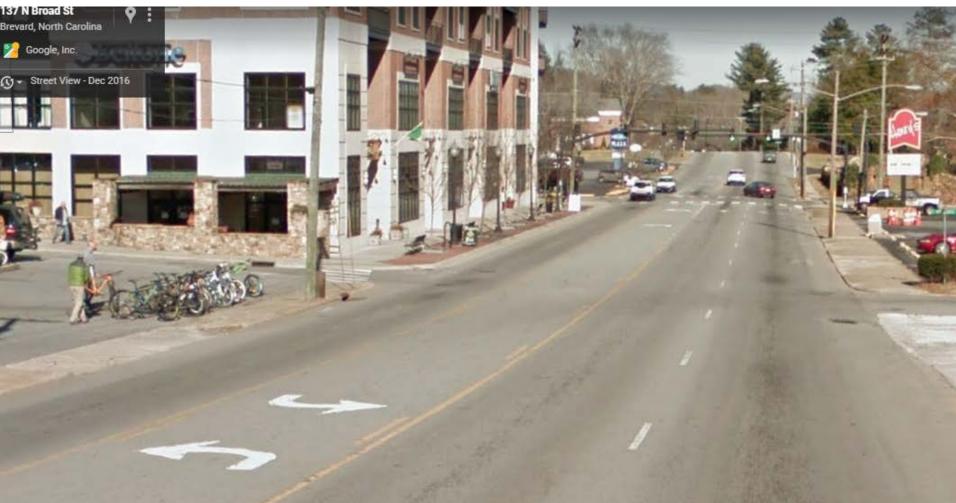


Sidepath





N. Broad Street

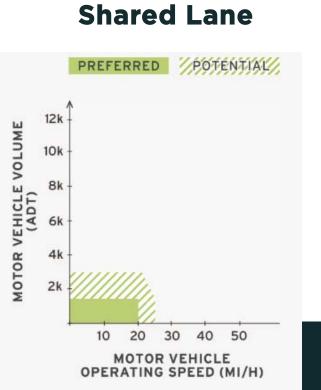






N. Broad Street

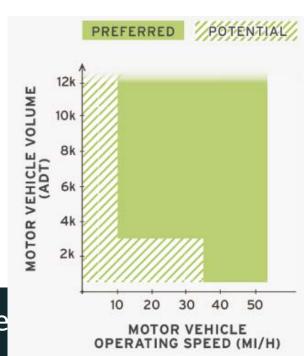
- Speed Limit = 20-35
- Traffic volumes (AADT) = 13k





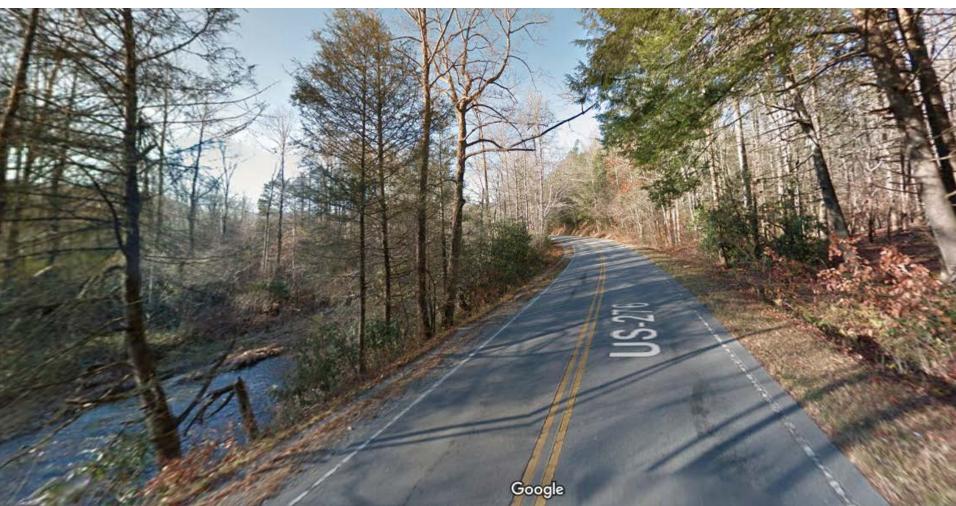
OPERATING SPEED (MI/H)

Separated Bike Lane





Pisgah Hwy to Avery Creek



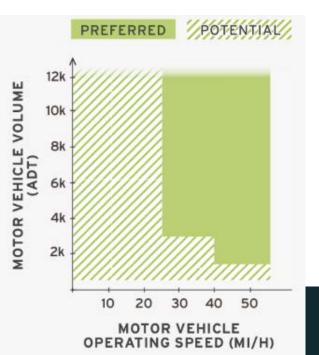




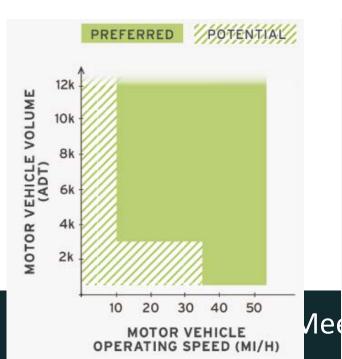
Pisgah Hwy to Avery Creek

- Speed Limit = 50
- Traffic volumes (AADT) = 1k-2k

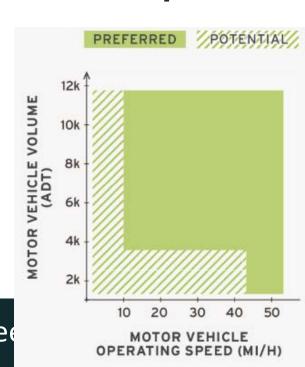
Paved Shoulder



Separated Bike Lane



Sidepath





Everett Road

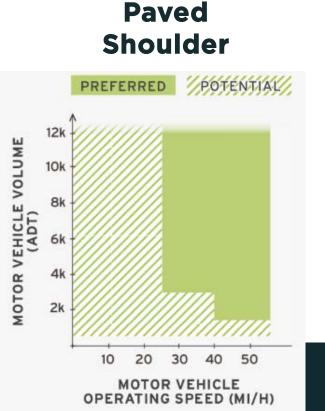




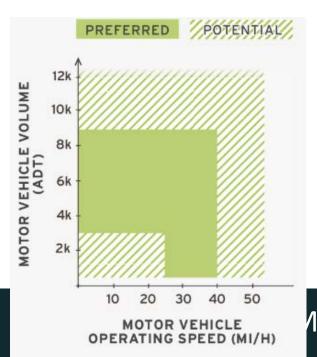


Everett Road

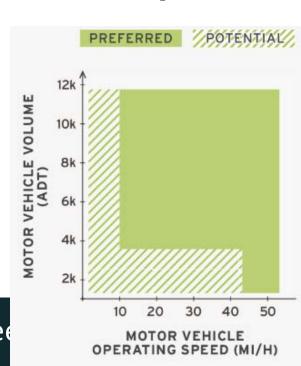
- Speed Limit = 40-45
- Traffic volumes (AADT) = 3k



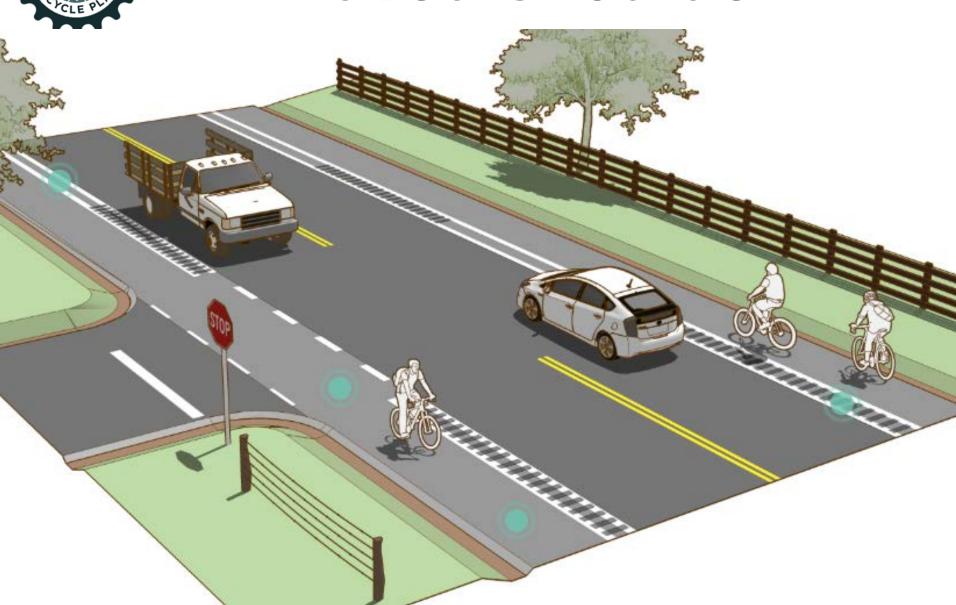




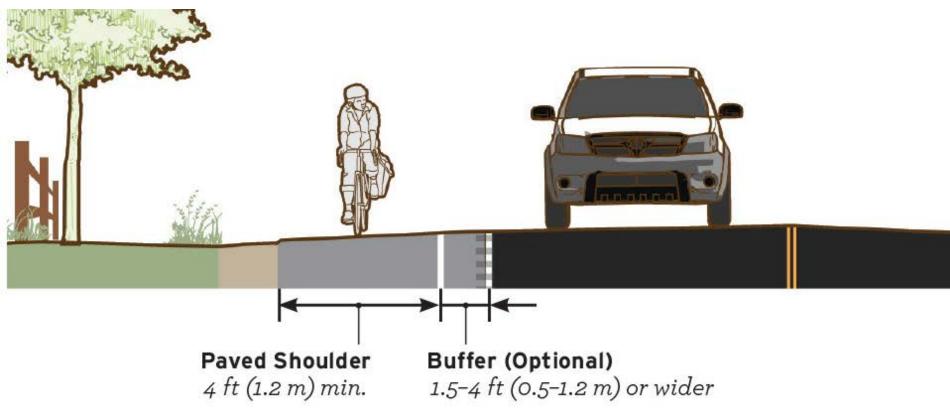
Sidepath





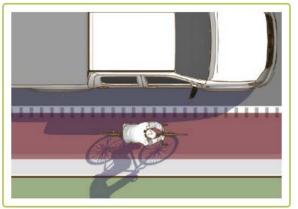


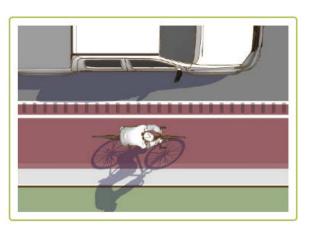


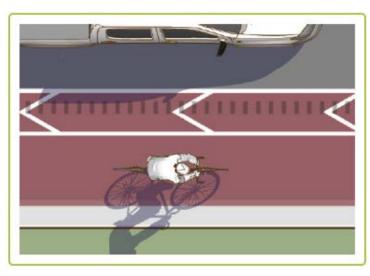


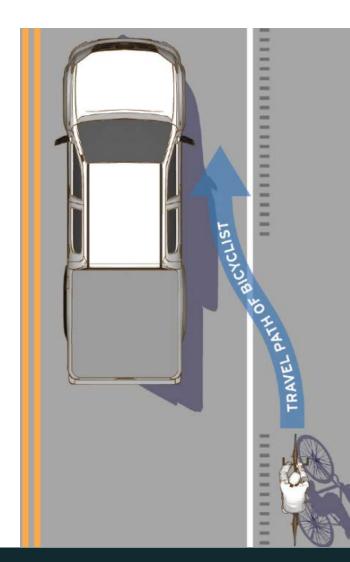
















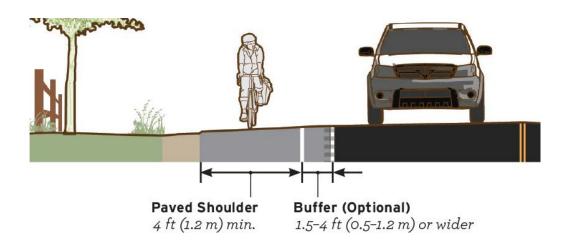


Table 3-1. Recommended Minimum Paved Shoulder Widths by Roadway Conditions (+)







www.ruraldesignguide.com





Public Open House Workshops





Public Input Wanted!

Future Bicycle Infrastructure to be Determined



828.884.3205

http://planning.
transylvaniacounty.org/

Drop-In Sessions will be held:

- June 26th 6:30-8:30
 Little River
 Community Center,
- June 28th 4:30-6:30 Rosman Town Hall,
- July 9th 4:30-6:30
 Rogow Room of the
 Transylvania Library,
- July 16th 4:30-6:30, Cedar Mountain Community Center

Transylvania County Planning and Community Development is working with Alta Planning and Design to develop a Comprehensive Bicycle Plan for the County



ENTRANCE/





PROJECT INTRO/EXISTING CONDITIONS BOARDS

3 Easels 3 24x36 Foam Core Boards 3 Project Posters

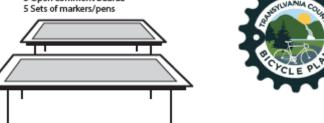
Post-it note pads for people who want to leave poster comments



2 Copies of large-format maps

OPEN COMMENT BOARDS

3 Open comment boards





JUNE 2018 OPEN HOUSE WORKSHOP SET-UP



LET'S RIDE & DRIVE SAFELY IN TRANSYLVANIA COUNTY!

EXISTING CONDITIONS MAPS









BIKE NETWORK & DOT-VOTING BOARDS 3 Easels 3 24x36 Foam Core Boards

3 Project Posters Dots for voting

BICYCLE LEVEL OF COMFORT TYPES OF BICYCLE **FACILITIES**

BICYCLE PROGRAM IDEAS











General Schedule

Task

Task 1: Stakeholder Meetings March 2018 – December 2018 **Kickoff Meeting** March 2018

2nd Stakeholder Meeting June 2018

3rd Stakeholder Meeting September 2018

4th Stakeholder Meeting November 2018

Task 2: Data Collection/Assessment February 2018 – July 2018

Task 3: Public Involvement Ongoing

Task 7: Bicycle Benefit Brochure

Public Outreach Open Houses *April – July 2018*

Task 4: Draft Comprehensive Plan July – September 2018

Task 5: Client Review

September – November 2018 Public Outreach Open Houses

September – November 2018

November – December 2018 Task 6: Final Plan and Presentations

September – December 2018





Next Steps

- Public Open House Workshops
- Schedule 3nd Stakeholder Meeting
- Draft Bicycle Plan Development

