

Crab Creek Road (SR 1528)

from US 64 to Henderson County - Dupont Road (SR 1259)

Local ID: TRAN0031-H

Purpose: Facility Deficiencies

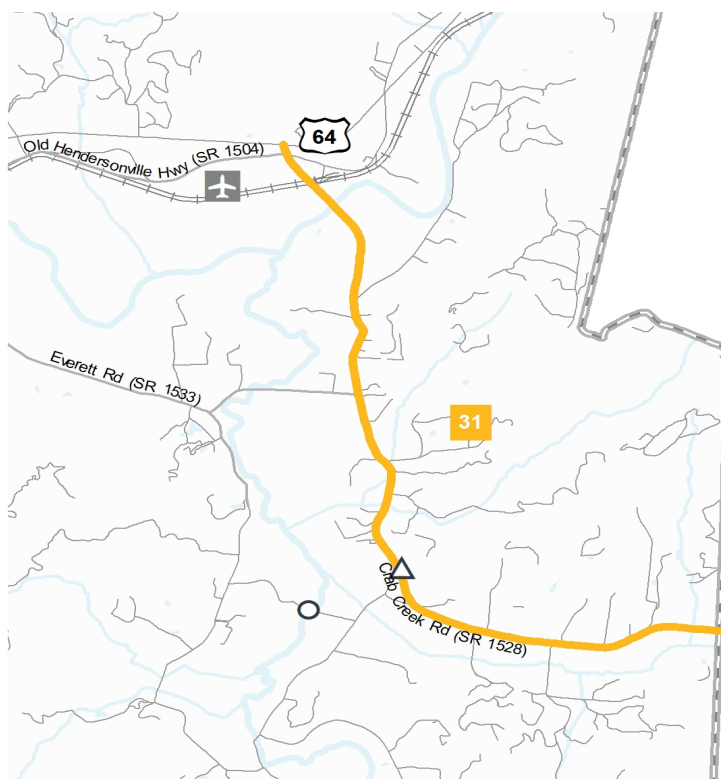
Improvement: Improve Existing

Identified Need

Crab Creek Road (SR 1528) has no paved shoulder and lane widths of 9 feet. The crossing of the French Broad River has been closed due to flooding on multiple occasions. It is part of statewide and regional bike routes.

Recommendation

Improve alignment, lane widths, and shoulders to current design standards. In order to accommodate bicycles, include 5-foot paved shoulders. Improve Resiliency to flooding.



	Local ID #	Improve	New Location		Local ID #	Improve	New Location
Congestion / Mobility	#	—	—	Interchange	⊙	□	■
Access Management / Operations	#	—	—	Bridge / Overpass	⊙	○	●
Modernization	#	—	—	Intersection	⊙	∟	△
Other	#	—	—				

Proposal At A Glance

Highway Class	Other
Facility Type	Minor Thoroughfare
Typical Section	02 B
Section Options	-
Length (miles)	4.09
Existing ROW (feet)	
Safety Risk Score	99

Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	-	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	3600-4700	5300-7500	-
Capacity (vpd)	13100-14100	13100-14100	13100-14100

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

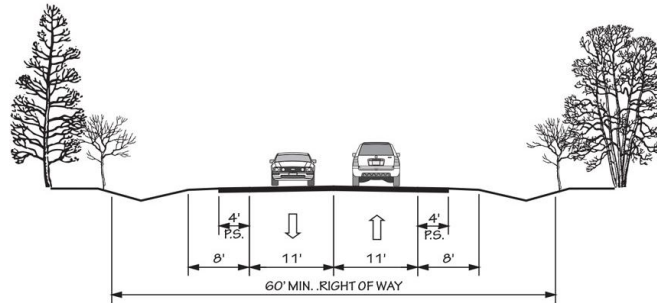


Typical Section Options:

None

TYPICAL SECTION No. 2B

2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

Project Overview

Linkage to Other Plans

According to the 2013 Blue Ridge Bike Plan, this facility is part of the "Priority Regional Corridor" from Old US 64 in Brevard to Flat Rock south of Everett Road (SR 1533) and part of an "Other Bicycle Corridor" serving the region north of Everett Road (SR 1533). According to the 2025 Transylvania County Comprehensive Plan, this facility is part of the "Regional On-Road Bicycle Routes" identified in that plan. It is classified as a major collector on the Federal Functional Classification System.

Multi-Modal Considerations

Transylvania County Transit, under the name "Transylvania in Motion" operates a fixed route as well as demand response system within the county. The deviated-fixed route does not reach this facility; however, it is within the demand-response area. In order to accommodate bicycles, 5-foot paved shoulders are recommended on this facility. The Transylvania County Bicycle Plan (2019) recommends a bike lane along this facility due to the higher traffic volumes and speeds. It serves as part of the corridor connecting the Town of Brevard to DuPont State Forest, a major recreation destination. Crab Creek Road (SR 1528) is part of North Carolina State Bike Route #8 "Southern Highlands" which connect the Blue Ridge Parkway to Lincolnton.

Goals & Objectives Survey

The citizens of Transylvania County responded to a public survey in early 2019 with a great deal of support for new greenways, sidewalks, and multi-use paths. When asked for their top three most important project types, these categories ranked first, third and fifth, out of a dozen choices. Rounding out the top five were maintenance and safety projects at second and fourth respectfully. When asked to rank transportation goals, the respondents gave two, preservation of the natural beauty and community character and increasing the number transportation mode choices, substantial net

positive scores; improved connectivity, and economic development about neutral; and improved travel time was poorly scored, receiving over 50% of the lowest rank.

Natural & Human Environmental Context

Based on planning level environmental assessment using available GIS data, the proposed project intersects the French Broad River local watershed and wetlands. The project is in proximity of one place of worship.

This project is within 150 feet of:

- High Quality or Outstanding Resource Water
- Targeted Local Watershed(s)
- Wetlands
- Multiple Geology Types

Title VI

This recommendation passes through one or more Census Blocks with the following characteristics:

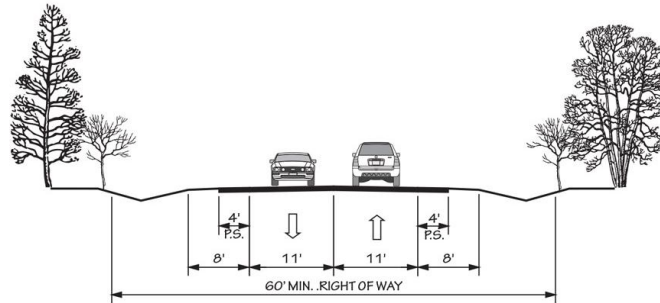
- Between 0% and 25% identify as African American
- Between 25% and 50% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 1% and 5% identify as Hispanic and Latino
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Indo-European

Typical Section Options:

None

TYPICAL SECTION No. 2B

2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- Between 0% and 15% identify as Native American
- Between 5% and 15% identify as Below Poverty Line
- 0% identify as Some Other Race
- Between 0% and 5% identify as Two of More Races
- Between 0% and 15% identify as Households with No Car