

### Wilson Road (SR 1540)

from US 276 to Old Hendersonville Rd (SR 1504) SR 1504 (Old US 64/Old Hendersonville Highway)

Local ID: TRAN0006-H

Purpose: Facility Deficiencies

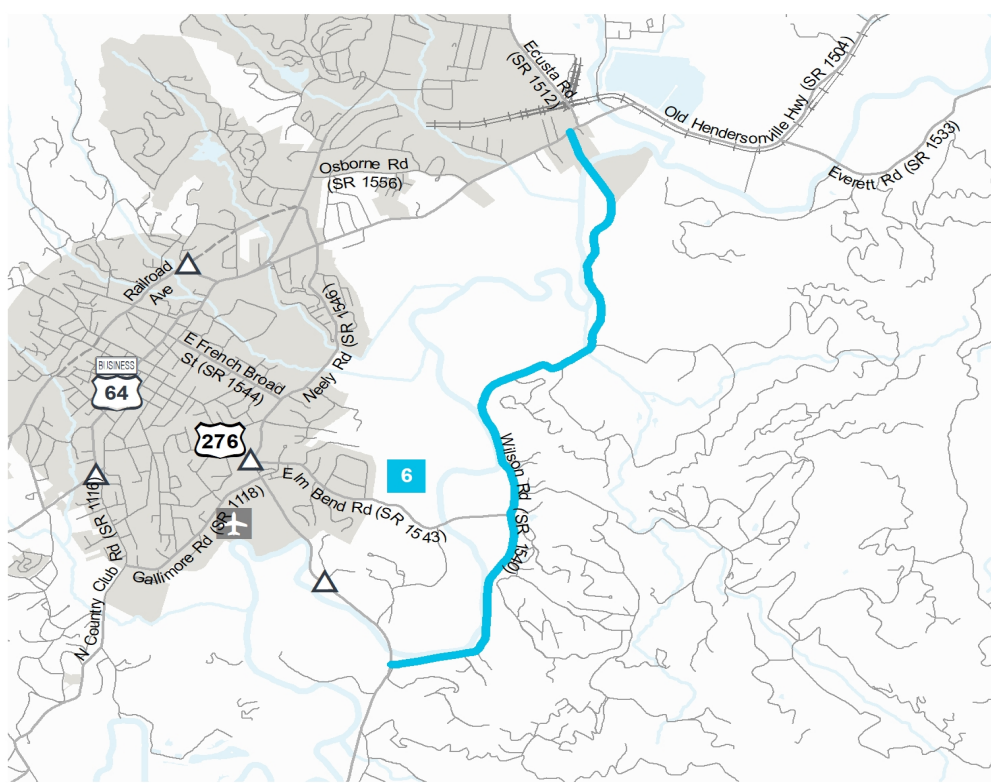
Improvement: Improve Existing

#### Identified Need

Currently, Wilson Road is flooded during 10-year and 50-year flood events making the road impassable to residents and those traveling to or from businesses. In addition, Wilson Road exceeds the statewide and critical crash rates for similar roadways in non-fatal injury and wet crashes.

#### Recommendation

The purpose of this project is to bring the roadway out of the 2 percent annual chance (50-year) flood zone of the French Broad River and address facility deficiencies throughout the corridor, bringing the road up to minimum design standards.



	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	Modernization
Facility Type	Minor Thoroughfare
Typical Section	02 B
Section Options	-
Length (miles)	3.68
Existing ROW (feet)	100
Safety Risk Score	88

### Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	2017 Base Year		2045 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Minor Thoroughfare	-	Minor Thoroughfare	
Travel Lanes	2	2	2	
Volume (vpd)	2200-3700	3700-5900	-	
Capacity (vpd)	10200	10200	10200	

### Capacity Data: Year

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

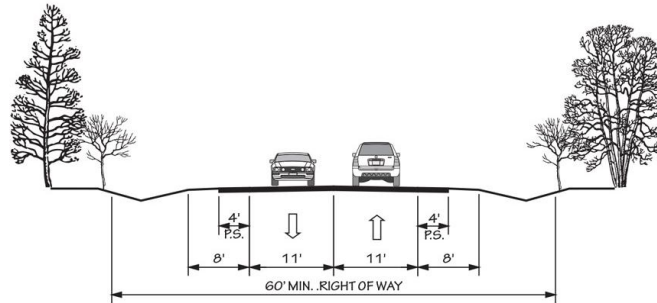


**Typical Section Options:**

None

# TYPICAL SECTION No. 2B

## 2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

Linkage to Other Plans

According to the 2013 Blue Ridge Bike Plan, this facility is part of the "Priority County Corridor" connecting Brevard, Rosman, and Pisgah Forest. It is classified as a major collector on the Federal Functional Classification System.

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 respectively. 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. This project is within 150 feet of:

- High Quality or Outstanding Resource Water
- Hazard Substance Disposal Area
- Targeted Local Watershed(s)
- Wetlands
- Water Distribution System Pipes
- Sewer System Pipes
- 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 15% and 25% 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
- 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 25% and 50% 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