

US 64
from US 178 to existing 4-lane

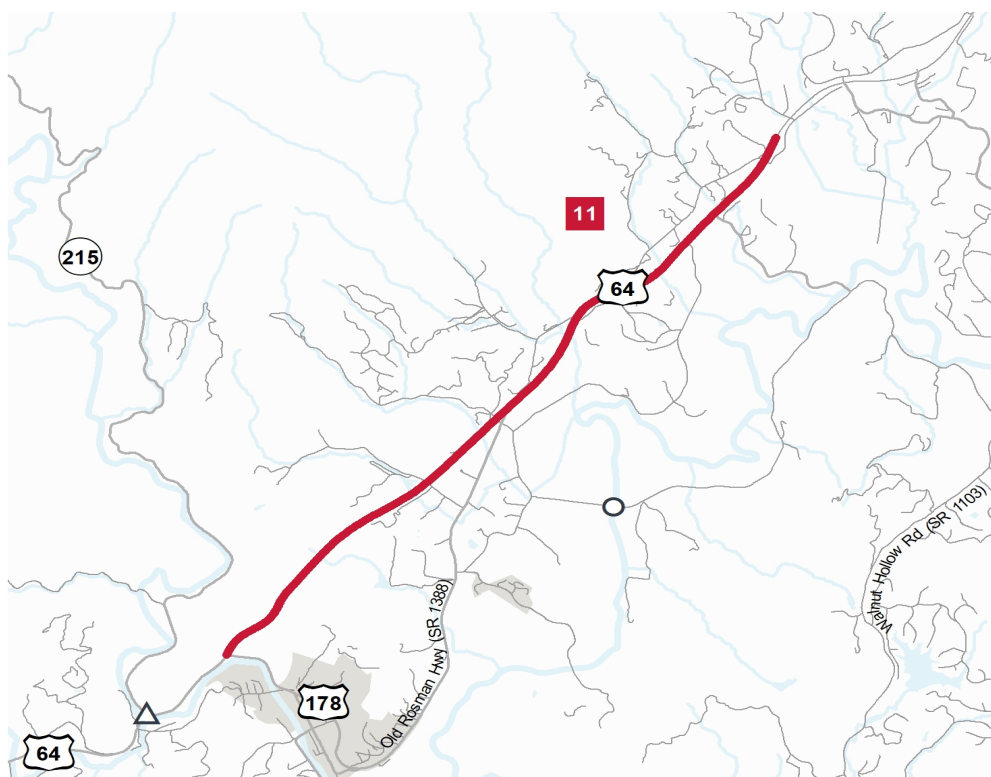
Local ID: TRAN0011-H
Purpose: Congestion
Improvement: Improve Existing

Identified Need

Existing US 64 from US 178 to the existing 4-lane is projected to be over capacity in 2045. US 64 serves as the primary connection between Brevard, Rosman, Lake Toxaway, and Jacson County. The mountainous terrain limits other alternative routes.

Recommendation

Construct a 4-lane section to address congestion and improve system coherency.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 H
Section Options	-
Length (miles)	4.37
Existing ROW (feet)	280-340
Safety Risk Score	99

Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	-	Boulevard
Travel Lanes	2	2	4
Volume (vpd)	7800-11000	13200-17100	-
Capacity (vpd)	15100	15100	15100

Capacity Data: Year

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

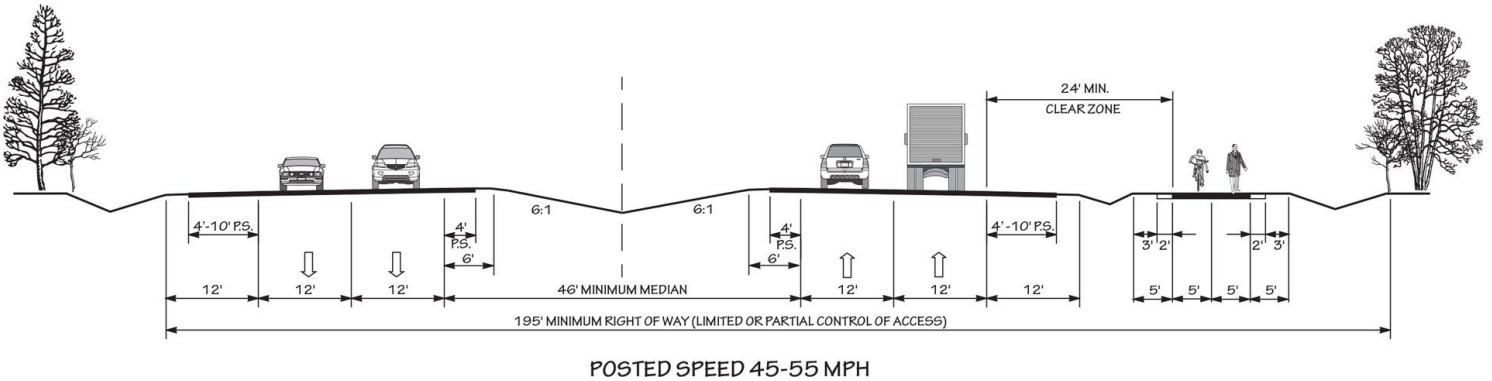


Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Linkage to Other Plans

According to the 2013 Blue Ridge Bike Plan, this facility is part of the "Priority Regional Corridor" from Hendersonville to the Rosman. It is classified partially as an other principal arterial and partially as a minor arterial 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 fixed route serves this facility with a stops at Harmony Korner, Dollar General, and the Park and Ride at US 178 (Pickens Highway).

The Transylvania County Bicycle Plan (2019) recommends a bike lane along this facility due to the higher traffic volumes and speeds. The Transylvania County Bicycle Plan (2019) also recommends a multi-use path along this facility from Old Rosman Road (SR 1388) north.

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.

Relationship to Land Use

According to the 2025 Transylvania County Comprehensive Plan (2017), the area around this project is a Designated Growth Area where it is expected that future economic development of manufacturing, commercial, and higher density residential housing will be constructed. They are constrained to areas with relatively flat land located out of the floodplain with access to major corridors and utilities. This designation along with appropriate policies will provide a framework for infrastructure expansion that will strengthen the confidence of public and private investors about the future of the land and their investment.

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 the Pisgah National Forest, and related Gamelands. According to LHI Guild Analysis, this project intersects multiple guilds of the Mesic Hardwood, Mixed Forest, Sparsely Settled Mixed Habitats, Woodland, and Barrens variety. These are predominantly A-ranked resources with the balance being B-ranked. It is also within the vicinity of wetlands, and waterbodies. The project is in proximity of one place of worship and the historic Morgan's Mill.

This project is within 150 feet of:

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

Title VI

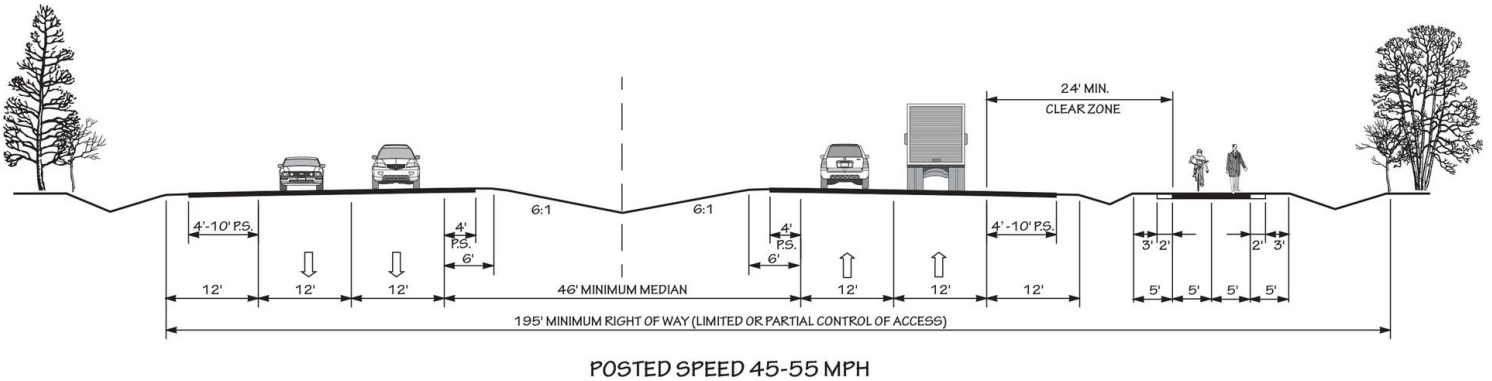
This recommendation passes through one or more Census Blocks with the following characteristics:

Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



- Between 0% and 25% identify as African American
- Between 0% and 25% identify as 65+
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% 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 5% and 15% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 15% and 25% identify as Below Poverty Line
- 0% identify as Some Other Race
- 0% identify as Two of More Races
- Between 0% and 15% identify as Households with No Car