# US 64

from Country Club Rd (SR 1116) to existing 4-lane

Local ID: **TRAN0012-H**

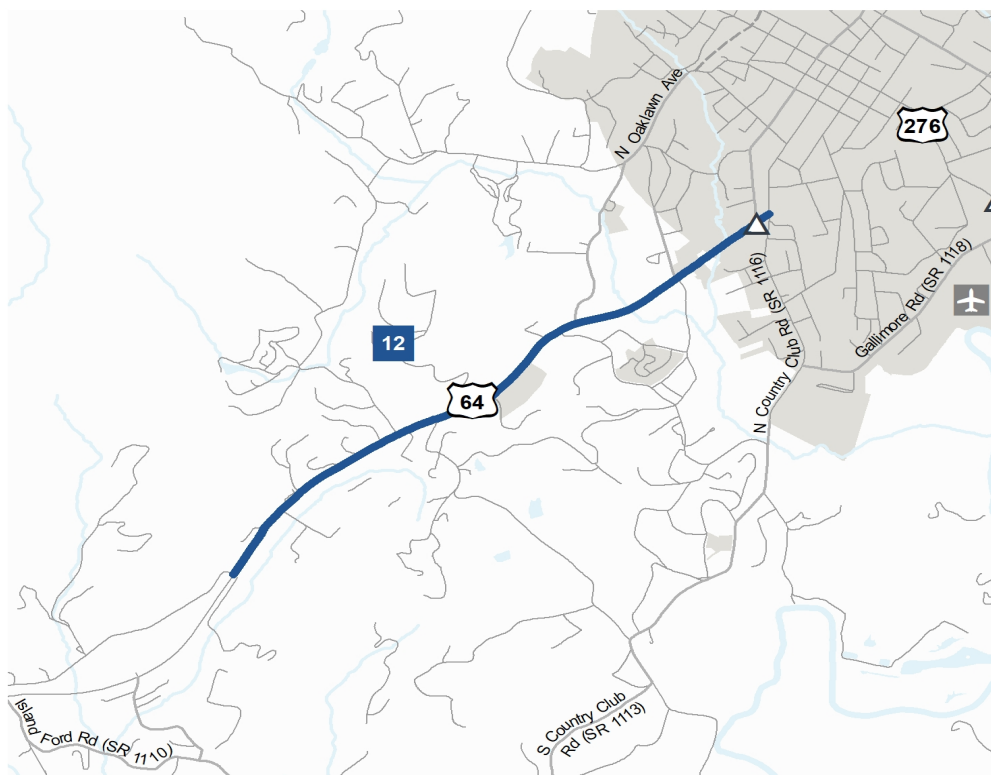Purpose: **Safety**

Improvement: **Improve Existing**

### Identified Need

US 64 from South Broad Street to existing 4-lane.

### Recommendation

Redesign to a four-lane boulevard by replacing the center turn lane with a median, providing reduced-conflict intersections, bicycle lanes, and multiuse path.



| | 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 | Access Management & Operation |
| Facility Type | Boulevard |
| Typical Section | 04 G |
| Section Options | - |
| Length (miles) | 2.04 |
| Existing ROW (feet) | 50-135 |
| Safety Risk Score | 99 |

## Proposal Data:  2017 Base Year    2045 Future Year

| **Improved Route** | Existing | Without Proposal | With Proposal |
|---|---|---|---|
| *Facility Type* | Major Thoroughfare Multi-lane | - | Boulevard |
| *Travel Lanes* | 3 | 3 | 4 |
| *Volume (vpd)* | 9400-19000 | 15400-26100 | - |
| *Capacity (vpd)* | 16650-43900 | 16650-43900 | 16650-43900 |

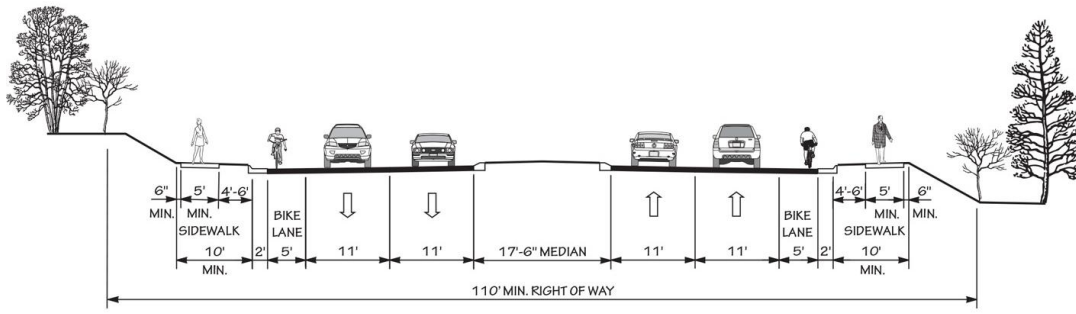| **Capacity Data:** | Year |
|---|---|
| *Facility will be Approaching Capacity (>80%)* | - |
| *Facility will be Over Capacity (>=100%)* | - |

**Typical Section Options:**
None

# TYPICAL SECTION No. 4G

## 4 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 35-45 MPH

## 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 as an ohter principal 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 stop at Sav-Mor Foods. The Transylvania County Bicycle Plan (2019) recommends a bike lane and multi-use path along this facility due to the higher traffic volumes and speeds.

## 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 Count 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. The project is in proximity of four places of worship, the historic Godfrey-Barnette House, the historic Sunset Motel, and one medical facility.

This project is within 150 feet of:

- National Historical Register or Eligible Properties
- Benthic Habitat(s)
- High Quality or Outstanding Resource Water
- Targeted Local Watershed(s)
- Water Distribution System Pipes
- Sewer System Pipes
- Multiple Geology Types
- Geological Fault

## Title VI

This recommendation passes through one or more Census Blocks with the following characteristics:
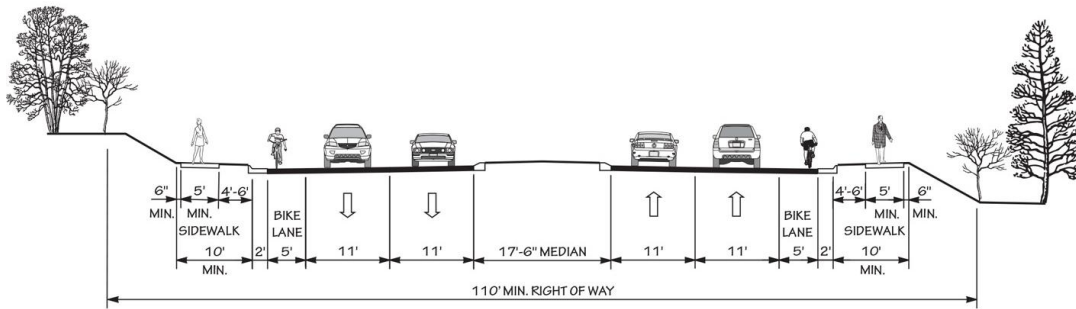
- Between 25% and 50% identify as African American
- Between 25% and 50% identify as 65+
- Between 0% and 5% identify as Asian

**Typical Section Options:**
None

# TYPICAL SECTION No. 4G

## 4 LANE DIVIDED (17'-6" RAISED MEDIAN) WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS

POSTED SPEED 35-45 MPH

- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 0% and 1% 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
- 0% identify as Over 18 w/ Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 25% and 50% 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