

US 64 (N Broad Street)

US 64 (N Broad Street) from N Caldwell Street to existing median.

Local ID: TRAN0005-H

Purpose: Congestion

Improvement: Improve Existing

Identified Need

US 64 (N Broad Street) is a five lane facility with a high density of driveways, cross streets, and urban development. This has reduced operational capacity sufficiently that the road is anticipated to be capacity deficient in 2045.

Recommendation

This Project is underway as R-5800. Please contact the NCDOT Division 14 office for details. The project expects to convert existing center turn lane to median, consolodate driveways, add bicycle lanes, sidewalks, and replace the multiuse path. It will upgrade select intersections to roundabouts.



	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 D
Section Options	-
Length (miles)	1.14
Existing ROW (feet)	60-150
Safety Risk Score	88

Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare Multi-lane	-	Boulevard
Travel Lanes	4	4	4
Volume (vpd)	25000-31000	31000-38400	-
Capacity (vpd)	26000-29000	26000-29000	41400

Capacity Data: Year

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

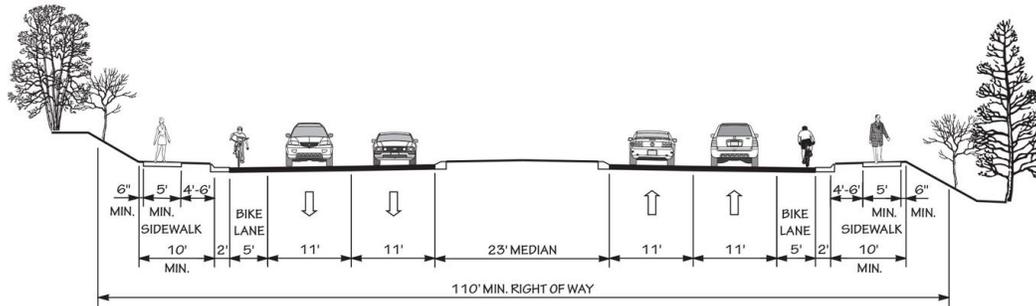


Typical Section Options:

None

TYPICAL SECTION No. 4D

4 LANE DIVIDED (23' RAISED MEDIAN) WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



POSTED SPEED 35-45 MPH

Natural & Human Environmental Context

Based on planning level environmental assessment using available GIS data. This project is within 150 feet of:

- Hospital
- Targeted Local Watershed(s)
- Wetlands
- 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
- 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 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